

NATIONAL HIGHWAY SYSTEM LENGTH - 2007
MILES BY VOLUME - SERVICE FLOW RATIO - RURAL 1/

TABLE HM-42
SHEET 1 OF 2

OCTOBER 2008

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	-	110	291	68	62	12	543	478	1,214	283	9	1	34	2,019	478	1,324	574	77	63	46	2,562
Alaska	629	225	118	4	34	3	1,013	765	213	3	-	-	-	981	1,394	438	121	4	34	3	1,994
Arizona	63	604	281	24	7	1	980	374	477	257	-	-	6	1,114	437	1,081	538	24	7	7	2,094
Arkansas	-	123	281	38	6	12	460	771	664	261	5	109	2	1,812	771	787	542	43	115	14	2,272
California	13	302	484	129	263	90	1,281	621	1,426	916	192	137	121	3,413	634	1,728	1,400	321	400	211	4,694
Colorado	198	353	105	8	21	-	685	708	758	266	52	34	40	1,858	906	1,111	371	60	55	40	2,543
Connecticut	-	9	21	8	5	-	43	16	56	65	4	13	3	157	16	65	86	12	18	3	200
Delaware	-	-	-	-	-	-	-	9	58	81	4	17	1	170	9	58	81	4	17	1	170
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	-	278	451	11	9	-	749	396	806	189	44	17	20	1,472	396	1,084	640	55	26	20	2,221
Georgia	10	178	273	141	89	24	715	1,799	1,074	177	72	7	23	3,152	1,809	1,252	450	213	96	47	3,867
Hawaii	-	-	-	6	-	-	6	-	56	32	7	6	-	101	-	56	32	13	6	-	107
Idaho	240	282	-	-	-	-	522	981	587	52	12	6	9	1,647	1,221	869	52	12	6	9	2,169
Illinois	411	741	187	-	8	10	1,357	1,300	334	7	-	-	-	1,641	1,711	1,075	194	-	8	10	2,998
Indiana 2/	94	491	91	14	17	-	707	506	691	115	2	-	1	1,315	600	1,182	206	16	17	1	2,022
Iowa	31	312	228	49	6	1	627	1,216	781	39	-	-	-	2,036	1,247	1,093	267	49	6	1	2,663
Kansas	312	300	31	-	-	-	643	1,921	609	51	-	-	-	2,581	2,233	909	82	-	-	-	3,224
Kentucky	-	163	352	26	12	-	553	668	711	246	66	32	9	1,732	668	874	598	92	44	9	2,285
Louisiana	24	195	243	7	7	-	476	309	543	168	2	-	-	1,022	333	738	411	9	7	-	1,498
Maine	137	116	40	6	-	-	299	174	461	147	-	-	5	787	311	577	187	6	-	5	1,086
Maryland	37	32	55	11	27	22	184	113	134	173	9	13	17	459	150	166	228	20	40	39	643
Massachusetts	7	26	31	9	1	17	91	49	45	52	-	20	-	166	56	71	83	9	21	17	257
Michigan	63	303	168	74	-	-	608	719	1,156	219	6	12	24	2,136	782	1,459	387	80	12	24	2,744
Minnesota 3/	199	104	228	42	27	61	661	642	1,442	430	13	39	7	2,573	841	1,546	658	55	66	68	3,234
Mississippi	33	336	68	14	34	7	492	901	501	268	-	-	12	1,682	934	837	336	14	34	19	2,174
Missouri	80	300	332	9	1	-	722	625	1,299	416	41	16	23	2,420	705	1,599	748	50	17	23	3,142
Montana	912	218	-	-	-	-	1,130	1,904	644	63	5	-	-	2,616	2,816	862	63	5	-	-	3,746
Nebraska	81	222	112	6	-	-	421	1,858	434	16	-	-	-	2,308	1,939	656	128	6	-	-	2,729
Nevada	346	54	25	-	1	25	451	1,006	219	152	9	2	33	1,421	1,352	273	177	9	3	58	1,872
New Hampshire	21	98	23	3	-	6	151	41	170	185	9	2	5	412	62	268	208	12	2	11	563
New Jersey	-	7	23	5	17	13	65	23	88	68	19	52	3	253	23	95	91	24	69	16	318
New Mexico	332	338	171	2	-	1	844	1,150	460	72	-	-	27	1,709	1,482	798	243	2	-	28	2,553
New York	303	189	245	64	5	29	835	635	584	217	53	5	8	1,502	938	773	462	117	10	37	2,337
North Carolina	25	12	263	79	120	42	541	111	882	784	30	118	42	1,967	136	894	1,047	109	238	84	2,508
North Dakota	397	123	-	-	-	-	520	1,974	114	-	-	-	-	2,088	2,371	237	-	-	-	-	2,608
Ohio	42	140	428	33	63	17	723	850	657	115	24	3	-	1,649	892	797	543	57	66	17	2,372
Oklahoma	63	414	156	28	20	2	683	1,330	732	25	2	-	-	2,089	1,393	1,146	181	30	20	2	2,772
Oregon	75	261	200	4	11	4	555	1,134	919	473	11	34	40	2,611	1,209	1,180	673	15	45	44	3,166
Pennsylvania	42	516	405	50	55	3	1,071	619	817	355	14	2	-	1,807	661	1,333	760	64	57	3	2,878
Rhode Island	-	-	-	5	13	1	19	14	28	5	-	-	-	47	14	28	5	5	13	1	66
South Carolina	578	-	-	-	-	-	578	1,106	-	-	-	-	-	1,106	1,684	-	-	-	-	-	1,684
South Dakota	603	-	-	-	-	-	603	2,186	-	-	-	-	-	2,186	2,789	-	-	-	-	-	2,789
Tennessee	28	103	364	126	52	14	687	573	648	180	11	15	-	1,427	601	751	544	137	67	14	2,114
Texas	688	757	602	20	77	36	2,180	3,114	2,421	668	47	43	90	6,383	3,802	3,178	1,270	67	120	126	8,563
Utah	309	254	154	8	-	-	725	233	480	175	-	2	27	917	542	734	329	8	2	27	1,642
Vermont	92	117	70	-	-	1	280	32	187	89	3	1	7	319	124	304	159	3	1	8	599
Virginia	51	212	363	23	17	-	666	777	393	125	1	-	8	1,304	828	605	488	24	17	8	1,970
Washington	3	190	214	44	17	-	468	731	863	350	3	33	-	1,980	734	1,053	564	47	50	-	2,448
West Virginia	20	152	113	22	18	50	375	501	392	50	4	22	46	1,015	521	544	163	26	40	96	1,390
Wisconsin	478	-	-	-	-	-	478	2,463	-	-	-	-	-	2,463	2,941	-	-	-	-	-	2,941
Wyoming	493	305	19	-	-	-	817	1,456	371	87	5	32	10	1,961	1,949	676	106	5	32	10	2,778
U.S. Total	8,563	10,565	8,309	1,220	1,122	504	30,283	41,882	28,599	9,167	790	845	703	81,986	50,445	39,164	17,476	2,010	1,967	1,207	112,269
Puerto Rico	-	6	23	-	-	1	30	4	19	7	-	-	-	30	4	25	30	-	-	1	60
Grand Total	8,563	10,571	8,332	1,220	1,122	505	30,313	41,886	28,618	9,174	790	845	703	82,016	50,449	39,189	17,506	2,010	1,967	1,208	112,329

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM LENGTH - 2007
MILES BY VOLUME - SERVICE FLOW RATIO - URBAN 1/

TABLE HM-42
 SHEET 2 OF 2

OCTOBER 2008

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	-	34	133	35	63	97	362	62	312	279	25	26	35	739	62	346	412	60	89	132	1,101
Alaska	9	29	26	1	3	-	68	19	21	20	3	4	8	75	28	50	46	4	7	8	143
Arizona	2	53	51	16	21	45	188	35	141	202	32	37	21	468	37	194	253	48	58	66	656
Arkansas	-	20	80	18	38	39	195	70	90	61	12	12	14	259	70	110	141	30	50	53	454
California	2	50	149	164	333	481	1,179	76	279	516	173	493	243	1,780	78	329	665	337	826	724	2,959
Colorado	10	48	94	38	44	35	269	95	185	351	44	49	13	737	105	233	445	82	93	48	1,006
Connecticut	-	12	92	56	75	67	302	11	98	187	53	62	48	459	11	110	279	109	137	115	761
Delaware	-	2	21	1	6	11	41	5	25	61	9	13	12	125	5	27	82	10	19	23	166
Dist. of Columbia	-	-	2	5	3	2	12	1	9	39	4	8	8	69	1	9	41	9	11	10	81
Florida	-	12	358	88	132	129	719	89	328	523	124	188	117	1,369	89	340	881	212	320	246	2,088
Georgia	-	33	168	94	83	149	527	316	404	275	25	44	51	1,115	316	437	443	119	127	200	1,642
Hawaii	2	8	15	8	11	5	49	7	72	72	16	10	7	184	9	80	87	24	21	12	233
Idaho	5	36	14	11	10	16	92	18	43	23	3	2	5	94	23	79	37	14	12	21	186
Illinois	48	201	182	121	149	102	803	256	485	860	119	133	41	1,894	304	686	1,042	240	282	143	2,697
Indiana 2/	8	184	147	38	48	27	452	40	128	151	35	28	7	389	48	312	298	73	76	34	841
Iowa	1	25	69	15	21	22	153	159	164	81	-	-	1	405	160	189	150	15	21	23	558
Kansas	40	44	63	31	10	25	213	131	104	42	7	5	22	311	171	148	105	38	15	47	524
Kentucky	-	3	64	5	48	89	209	22	106	161	29	39	28	385	22	109	225	34	87	117	594
Louisiana	12	23	135	31	56	60	317	115	191	169	37	38	101	651	127	214	304	68	94	161	968
Maine	11	30	25	1	1	-	68	14	70	46	2	3	1	136	25	100	71	3	4	1	204
Maryland	10	7	63	60	86	72	298	30	93	253	40	69	30	515	40	100	316	100	155	102	813
Massachusetts	2	52	214	46	54	108	476	54	363	482	100	179	38	1,216	56	415	696	146	233	146	1,692
Michigan	15	111	225	54	130	99	634	98	464	541	83	131	59	1,376	113	575	766	137	261	158	2,010
Minnesota 3/	4	9	36	13	54	135	251	50	94	170	45	45	92	496	54	103	206	58	99	227	747
Mississippi	-	53	80	20	24	29	206	104	147	105	15	25	37	433	104	200	185	35	49	66	639
Missouri	15	49	192	67	61	74	458	81	184	311	39	57	136	808	96	233	503	106	118	210	1,266
Montana	22	39	-	-	-	-	61	11	34	21	1	-	-	67	33	73	21	1	-	-	128
Nebraska	1	16	20	8	9	7	61	65	84	112	6	8	-	275	66	100	132	14	17	7	336
Nevada	20	12	15	6	20	43	116	16	29	47	8	19	28	147	36	41	62	14	39	71	263
New Hampshire	5	11	28	8	20	5	77	19	46	62	17	14	15	173	24	57	90	25	34	20	250
New Jersey	-	17	85	30	78	157	367	33	276	509	113	212	230	1,373	33	293	594	143	290	387	1,740
New Mexico	23	58	45	9	4	17	156	83	108	26	-	5	1	223	106	166	71	9	9	18	379
New York	36	152	235	100	136	192	851	196	489	772	98	172	241	1,968	232	641	1,007	198	308	433	2,819
North Carolina	5	7	161	85	127	181	566	79	208	282	65	104	66	804	84	215	443	150	231	247	1,370
North Dakota	17	23	9	3	-	-	52	28	20	19	-	-	1	68	45	43	28	3	-	1	120
Ohio	8	43	259	98	207	235	850	260	464	390	40	39	22	1,215	268	507	649	138	246	257	2,065
Oklahoma	6	67	86	17	40	33	249	123	140	65	7	13	18	366	129	207	151	24	53	51	615
Oregon	10	20	72	16	39	15	172	38	118	158	37	17	29	397	48	138	230	53	56	44	569
Pennsylvania	18	92	287	85	80	126	688	175	712	651	89	211	102	1,940	193	804	938	174	291	228	2,628
Rhode Island	-	-	17	2	10	13	42	12	37	73	7	11	10	150	12	37	90	9	21	23	192
South Carolina	236	-	-	-	-	-	236	658	-	-	-	-	-	658	894	-	-	-	-	-	894
South Dakota	76	-	-	-	-	-	76	74	-	-	-	-	-	74	150	-	-	-	-	-	150
Tennessee	4	50	157	49	48	109	417	60	249	272	66	70	35	752	64	299	429	115	118	144	1,169
Texas	24	129	326	169	229	175	1,052	380	867	1,244	289	448	446	3,674	404	996	1,570	458	677	621	4,726
Utah	13	29	85	39	20	25	211	19	84	91	18	15	33	260	32	113	176	57	35	58	471
Vermont	4	16	19	1	-	-	40	6	15	20	5	4	2	52	10	31	39	6	4	2	92
Virginia	19	56	195	64	73	42	449	124	339	375	56	55	63	1,012	143	395	570	120	128	105	1,461
Washington	1	38	143	46	63	5	296	73	195	236	40	49	24	617	74	233	379	86	112	29	913
West Virginia	2	62	104	8	2	-	178	35	102	70	4	5	6	222	37	164	174	12	7	6	400
Wisconsin	263	-	-	-	-	-	263	959	-	-	-	-	-	959	1,222	-	-	-	-	-	1,222
Wyoming	47	48	2	-	-	-	97	54	18	5	-	3	-	80	101	66	7	-	3	-	177
U.S. Total	1,056	2,113	5,048	1,880	2,769	3,298	16,164	5,538	9,234	11,481	2,040	3,174	2,547	34,014	6,594	11,347	16,529	3,920	5,943	5,845	50,178
Puerto Rico	5	48	99	18	34	29	233	9	26	39	9	15	14	112	14	74	138	27	49	43	345
Grand Total	1,061	2,161	5,147	1,898	2,803	3,327	16,397	5,547	9,260	11,520	2,049	3,189	2,561	34,126	6,608	11,421	16,667	3,947	5,992	5,888	50,523

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM LENGTH - 2007

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/ Excludes 788 miles of Federal agency owned roads.
- 3/ Excludes 437 miles of local government owned roads.