

NATIONAL HIGHWAY SYSTEM LENGTH - 2006
MILES BY VOLUME - SERVICE FLOW RATIO - RURAL 1/

TABLE HM-42
 SHEET 1 OF 2

OCTOBER 2007

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	-	256	226	59	-	-	541	715	1,147	157	9	-	1	24	2,053	715	1,403	383	68	1	24	2,594
Alaska	617	282	73	4	33	1	1,010	773	203	5	-	-	-	-	981	1,390	485	78	4	33	1	1,991
Arizona	83	573	291	20	6	8	981	452	435	210	-	-	-	-	1,097	535	1,008	501	20	6	8	2,078
Arkansas	-	136	279	23	9	15	462	792	587	309	25	55	54	1,822	792	723	588	48	64	69	2,284	
California	6	316	414	178	280	86	1,280	621	1,317	1,000	156	245	74	3,413	627	1,633	1,414	334	525	160	4,693	
Colorado	243	313	105	5	21	-	687	704	721	309	82	37	5	1,858	947	1,034	414	87	58	5	2,545	
Connecticut	-	9	17	12	5	-	43	13	53	70	8	10	4	158	13	62	87	20	15	4	201	
Delaware	-	-	-	-	-	-	-	11	68	73	1	10	8	171	11	68	73	1	10	8	171	
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	-	278	425	37	7	2	749	326	883	200	22	23	16	1,470	326	1,161	625	59	30	18	2,219	
Georgia	24	191	369	69	48	13	714	1,846	854	308	14	24	20	3,066	1,870	1,045	677	83	72	33	3,780	
Hawaii	-	-	-	6	-	-	6	-	53	35	7	6	-	101	-	53	35	13	6	-	107	
Idaho	240	283	-	-	-	-	523	1,031	531	58	7	2	8	1,637	1,271	814	58	7	2	8	2,160	
Illinois	466	771	108	-	6	8	1,359	1,256	385	-	-	-	-	1,641	1,722	1,156	108	-	6	8	3,000	
Indiana 2/	103	606	102	15	25	1	852	506	691	121	2	7	2	1,329	609	1,297	223	17	32	3	2,181	
Iowa	30	311	230	50	6	1	628	1,172	824	40	-	-	-	2,036	1,202	1,135	270	50	6	1	2,664	
Kansas	313	304	25	-	-	-	642	1,977	548	54	-	-	-	2,579	2,290	852	79	-	-	-	3,221	
Kentucky	12	140	356	32	13	-	553	698	738	230	22	22	23	1,733	710	878	586	54	35	23	2,286	
Louisiana	24	195	229	22	8	-	478	306	560	155	1	-	-	1,022	330	755	384	23	8	-	1,500	
Maine	139	114	35	6	5	-	299	184	469	129	-	5	-	787	323	583	164	6	10	-	1,086	
Maryland	35	34	65	2	34	13	183	104	134	192	5	17	9	461	139	168	257	7	51	22	644	
Massachusetts	7	27	29	9	-	18	90	48	51	47	20	-	-	166	55	78	76	29	-	18	256	
Michigan	55	316	173	64	-	-	608	696	1,156	243	-	17	22	2,134	751	1,472	416	64	17	22	2,742	
Minnesota 3/	196	104	249	24	30	71	674	657	1,354	486	18	55	7	2,577	853	1,458	735	42	85	78	3,251	
Mississippi	37	333	46	32	30	10	488	818	470	293	-	-	9	1,590	855	803	339	32	30	19	2,078	
Missouri	121	336	294	-	33	15	799	1,033	1,066	357	15	55	30	2,556	1,154	1,402	651	15	88	45	3,355	
Montana	899	230	-	-	-	-	1,129	1,845	723	43	3	2	-	2,616	2,744	953	43	3	2	-	3,745	
Nebraska	80	209	125	6	-	-	420	1,838	456	15	-	-	-	2,309	1,918	665	140	6	-	-	2,729	
Nevada	347	51	27	-	1	25	451	1,080	213	83	13	3	29	1,421	1,427	264	110	13	4	54	1,872	
New Hampshire	46	74	23	2	4	2	151	46	155	189	8	12	-	410	92	229	212	10	16	2	561	
New Jersey	-	8	25	10	10	11	64	8	84	81	5	64	7	249	8	92	106	15	74	18	313	
New Mexico	287	405	149	2	-	1	844	1,236	373	85	-	-	15	1,709	1,523	778	234	2	-	16	2,553	
New York	109	319	379	22	5	4	838	519	670	246	12	37	10	1,494	628	989	625	34	42	14	2,332	
North Carolina	12	52	237	52	131	37	521	117	936	700	100	80	51	1,984	129	988	937	152	211	88	2,505	
North Dakota	419	100	-	-	-	-	519	1,976	112	-	-	-	-	2,088	2,395	212	-	-	-	-	2,607	
Ohio	34	137	430	38	64	22	725	837	640	114	26	3	-	1,620	871	777	544	64	67	22	2,345	
Oklahoma	59	409	172	40	2	2	684	1,308	700	67	9	-	-	2,084	1,367	1,109	239	49	2	2	2,768	
Oregon	75	307	147	15	11	-	555	1,184	814	524	22	41	29	2,614	1,259	1,121	671	37	52	29	3,169	
Pennsylvania	46	572	366	33	50	4	1,071	644	805	304	45	-	-	1,798	690	1,377	670	78	50	4	2,869	
Rhode Island	-	-	-	4	13	1	18	19	25	4	-	-	-	48	19	25	4	4	13	1	66	
South Carolina	9	7	239	115	139	71	580	272	559	263	10	-	-	1,104	281	566	502	125	139	71	1,684	
South Dakota	325	279	5	-	-	-	609	1,773	390	12	10	-	4	2,189	2,098	669	17	10	-	4	2,798	
Tennessee	24	112	478	-	66	9	689	466	706	215	9	13	-	1,409	490	818	693	9	79	9	2,098	
Texas	751	763	530	49	83	4	2,180	3,246	2,249	718	47	60	19	6,339	3,997	3,012	1,248	96	143	23	8,519	
Utah	256	254	164	38	8	-	720	267	475	145	5	2	27	921	523	729	309	43	10	27	1,641	
Vermont	105	102	73	-	1	-	281	29	213	67	3	1	7	320	134	315	140	3	2	7	601	
Virginia	22	288	277	70	9	-	666	866	373	106	1	4	8	1,358	888	661	383	71	13	8	2,024	
Washington	7	251	176	14	19	-	467	833	924	229	17	10	3	2,016	840	1,175	405	31	29	3	2,483	
West Virginia	25	131	94	33	35	56	374	538	355	80	-	35	23	1,031	563	486	174	33	70	79	1,405	
Wisconsin	-	96	189	102	55	38	480	564	1,517	354	29	3	-	2,467	564	1,613	543	131	58	38	2,947	
Wyoming	505	292	19	-	-	-	816	1,431	396	99	-	34	1	1,961	1,936	688	118	-	34	1	2,777	
U.S. Total	7,193	11,676	8,464	1,314	1,305	549	30,501	39,681	30,161	9,824	788	995	548	81,997	46,874	41,837	18,288	2,102	2,300	1,097	112,498	
Puerto Rico	-	9	18	1	-	2	30	4	22	4	-	-	-	30	4	31	22	1	-	2	60	
Grand Total	7,193	11,685	8,482	1,315	1,305	551	30,531	39,685	30,183	9,828	788	995	548	82,027	46,878	41,868	18,310	2,103	2,300	1,099	112,558	

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM LENGTH - 2006
MILES BY VOLUME - SERVICE FLOW RATIO - URBAN 1/

TABLE HM-42
 SHEET 2 OF 2

OCTOBER 2007

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	2	47	146	36	54	76	361	62	339	273	26	37	24	761	64	386	419	62	91	100	1,122
Alaska	3	35	26	1	3	1	69	21	21	18	4	3	9	76	24	56	44	5	6	10	145
Arizona	1	38	74	13	19	43	188	28	133	170	38	44	41	454	29	171	244	51	63	84	642
Arkansas	-	12	63	29	51	38	193	64	83	65	9	10	17	248	64	95	128	38	61	55	441
California	-	29	168	112	336	534	1,179	63	228	512	136	381	438	1,758	63	257	680	248	717	972	2,937
Colorado	15	44	99	33	37	41	269	108	207	291	28	78	23	735	123	251	390	61	115	64	1,004
Connecticut	-	13	101	55	87	47	303	13	100	176	66	50	52	457	13	113	277	121	137	99	760
Delaware	-	2	15	3	7	14	41	9	29	55	13	13	5	124	9	31	70	16	20	19	165
Dist. of Columbia	-	1	8	1	1	1	12	1	8	41	4	10	5	69	1	9	49	5	11	6	81
Florida	-	40	267	72	177	156	712	96	328	590	104	192	72	1,382	96	368	857	176	369	228	2,094
Georgia	-	45	198	43	129	114	529	341	460	252	28	41	22	1,144	341	505	450	71	170	136	1,673
Hawaii	2	8	19	8	7	5	49	7	62	84	15	9	5	182	9	70	103	23	16	10	231
Idaho	5	33	19	8	8	16	89	19	46	31	4	5	4	109	24	79	50	12	13	20	198
Illinois	59	182	217	50	159	125	792	221	590	747	165	117	32	1,872	280	772	964	215	276	157	2,664
Indiana 2/	1	118	97	36	42	18	312	41	133	141	35	24	7	381	42	251	238	71	66	25	693
Iowa	1	22	66	23	24	16	152	161	157	85	-	-	-	403	162	179	151	23	24	16	555
Kansas	40	47	77	18	9	28	219	126	108	43	7	9	18	311	166	155	120	25	18	46	530
Kentucky	-	3	62	19	36	90	210	22	143	133	34	25	29	386	22	146	195	53	61	119	596
Louisiana	12	23	133	40	52	57	317	110	198	159	30	53	101	651	122	221	292	70	105	158	968
Maine	12	29	24	1	1	-	67	12	74	42	2	4	1	135	24	103	66	3	5	1	202
Maryland	10	8	74	52	87	68	299	25	92	257	46	71	26	517	35	100	331	98	158	94	816
Massachusetts	2	55	214	35	66	106	478	53	370	456	101	176	60	1,216	55	425	670	136	242	166	1,694
Michigan	14	109	233	48	133	97	634	94	406	599	83	147	50	1,379	108	515	832	131	280	147	2,013
Minnesota 3/	4	9	35	7	47	131	233	48	92	156	50	47	89	482	52	101	191	57	94	220	715
Mississippi	-	40	78	19	28	34	199	95	153	82	15	24	31	400	95	193	160	34	52	65	599
Missouri	24	41	100	118	42	40	365	79	213	252	48	33	44	669	103	254	352	166	75	84	1,034
Montana	24	37	-	-	-	-	61	10	34	22	1	1	-	68	34	71	22	1	1	-	129
Nebraska	2	14	25	6	6	8	61	67	77	104	8	7	12	275	69	91	129	14	13	20	336
Nevada	19	13	21	11	27	26	117	16	30	47	11	21	19	144	35	43	68	22	48	45	261
New Hampshire	3	11	29	2	19	11	75	19	37	71	18	13	10	168	22	48	100	20	32	21	243
New Jersey	3	18	93	26	90	137	367	29	279	520	104	201	237	1,370	32	297	613	130	291	374	1,737
New Mexico	24	64	44	4	13	7	156	85	103	30	-	2	1	221	109	167	74	4	15	8	377
New York	26	127	262	139	85	220	859	131	473	756	123	150	322	1,955	157	600	1,018	262	235	542	2,814
North Carolina	-	8	159	95	136	162	560	84	209	285	59	107	50	794	84	217	444	154	243	212	1,354
North Dakota	19	21	12	-	-	-	52	28	21	18	-	-	-	67	47	42	30	-	-	-	119
Ohio	8	40	256	106	208	232	850	261	464	392	40	40	21	1,218	269	504	648	146	248	253	2,068
Oklahoma	10	59	94	18	38	30	249	119	141	70	8	13	14	365	129	200	164	26	51	44	614
Oregon	9	24	61	16	34	28	172	27	123	154	26	30	36	396	36	147	215	42	64	64	568
Pennsylvania	18	105	282	81	78	123	687	178	634	725	141	171	84	1,933	196	739	1,007	222	249	207	2,620
Rhode Island	-	-	19	2	10	19	50	7	42	76	8	10	8	151	7	42	95	10	20	27	201
South Carolina	2	4	112	21	49	48	236	37	160	263	91	51	58	660	39	164	375	112	100	106	896
South Dakota	8	41	19	1	-	-	69	28	25	14	1	2	-	70	36	66	33	2	2	-	139
Tennessee	7	40	175	53	39	101	415	58	260	255	47	60	59	739	65	300	430	100	99	160	1,154
Texas	27	140	352	116	233	184	1,052	406	897	1,284	262	359	472	3,680	433	1,037	1,636	378	592	656	4,732
Utah	13	27	75	21	43	36	215	20	58	103	17	21	51	270	33	85	178	38	64	87	485
Vermont	4	17	17	2	-	-	40	4	18	20	5	5	2	54	8	35	37	7	5	2	94
Virginia	29	44	184	69	84	38	448	97	334	403	42	53	40	969	126	378	587	111	137	78	1,417
Washington	-	45	125	51	65	11	297	79	208	203	39	63	23	615	79	253	328	90	128	34	912
West Virginia	-	66	104	5	3	-	178	42	99	69	6	3	7	226	42	165	173	11	6	7	404
Wisconsin	-	69	76	14	51	50	260	78	391	304	62	49	52	936	78	460	380	76	100	102	1,196
Wyoming	49	35	13	-	-	-	97	47	29	3	-	1	-	80	96	64	16	-	1	-	177
U.S. Total	511	2,102	5,222	1,739	2,953	3,367	15,894	3,876	9,919	11,901	2,210	3,036	2,783	33,725	4,387	12,021	17,123	3,949	5,989	6,150	49,619
Puerto Rico	5	49	98	24	28	30	234	9	29	34	11	18	11	112	14	78	132	35	46	41	346
Grand Total	516	2,151	5,320	1,763	2,981	3,397	16,128	3,885	9,948	11,935	2,221	3,054	2,794	33,837	4,401	12,099	17,255	3,984	6,035	6,191	49,965

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM LENGTH - 2006

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/ May exclude up to 788 miles of Federal agency owned roads.

3/ Includes 274 miles of miscoded non-Interstate functional system length or rural/urban categorization or both.