

FUNCTIONAL SYSTEM LENGTH - 1999 1/

MILES BY VOLUME - SERVICE FLOW RATIO - RURAL

TABLE HM-61
SHEET 1 OF 4

OCTOBER 2000

STATE	VOLUME-SERVICE FLOW RATIO (V/SF)													
	INTERSTATE							OTHER PRINCIPAL ARTERIAL						
	< 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	8	194	359	16	16	8	601	805	993	243	22	10	-	2,073
Alaska	605	310	83	6	15	11	1,030	612	194	3	-	-	-	809
Arizona	197	525	268	2	4	-	996	445	424	211	36	23	47	1,186
Arkansas	3	152	212	1	9	-	377	702	921	423	64	104	13	2,227
California	220	423	548	89	65	17	1,362	765	1,329	1,227	105	53	209	3,688
Colorado	266	309	93	32	48	19	767	676	847	490	31	105	50	2,199
Connecticut	-	38	42	16	4	2	102	31	77	111	11	27	4	261
Delaware	-	-	-	-	-	-	-	5	64	128	16	6	6	225
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	32	407	426	41	42	6	954	1,522	1,612	563	-	22	-	3,719
Georgia	165	414	204	24	-	-	807	1,912	515	319	9	27	16	2,798
Hawaii	-	-	6	-	-	-	6	-	30	58	11	15	11	125
Idaho	280	224	20	-	-	2	526	680	683	263	18	18	5	1,667
Illinois	340	860	282	6	26	-	1,514	1,613	939	66	-	7	-	2,625
Indiana	123	579	148	-	1	-	851	317	863	460	49	31	5	1,725
Iowa	127	245	257	4	1	-	634	1,974	1,352	133	-	1	-	3,460
Kansas	236	417	45	-	-	-	698	2,104	877	188	-	-	-	3,169
Kentucky	-	142	218	88	68	20	536	885	709	257	81	85	36	2,053
Louisiana	122	161	260	3	1	-	547	408	460	312	25	11	10	1,226
Maine	115	85	82	11	6	14	313	221	333	193	29	7	-	783
Maryland	4	67	98	28	19	14	230	7	245	232	20	35	8	547
Massachusetts	6	51	65	3	37	-	162	67	116	91	13	23	-	310
Michigan	72	409	210	37	12	-	740	893	1,225	514	52	56	23	2,763
Minnesota	245	129	241	15	8	44	682	977	1,591	759	74	97	80	3,578
Mississippi	193	246	107	8	2	-	556	1,192	626	68	-	1	15	1,902
Missouri	9	303	404	43	31	16	806	797	1,772	445	16	22	53	3,105
Montana	989	145	-	-	-	-	1,134	2,036	468	119	-	-	-	2,623
Nebraska	104	260	71	3	-	-	438	2,143	547	18	-	4	-	2,712
Nevada	371	68	15	27	-	-	481	1,072	231	61	6	18	2	1,390
New Hampshire	31	52	69	8	2	15	177	29	150	194	30	30	29	462
New Jersey	-	16	49	24	10	20	119	27	93	180	84	58	89	531
New Mexico	415	312	143	16	7	-	893	939	696	151	2	8	6	1,802
New York	182	301	368	5	80	5	941	529	892	276	90	27	38	1,852
North Carolina	-	197	351	38	32	31	649	535	947	629	27	63	25	2,226
North Dakota	524	6	-	-	-	-	530	2,875	55	-	-	-	-	2,930
Ohio	2	144	556	90	37	-	829	737	971	389	28	38	58	2,221
Oklahoma	517	173	31	-	-	-	721	1,788	477	98	2	-	-	2,365
Oregon	153	235	184	6	2	-	580	891	1,014	712	113	79	25	2,834
Pennsylvania	136	699	313	23	37	-	1,208	745	1,044	576	43	37	38	2,483
Rhode Island	-	-	7	13	-	1	21	41	9	14	-	-	1	65
South Carolina	-	90	428	46	81	24	669	381	667	343	34	14	15	1,454
South Dakota	446	180	3	-	-	-	629	1,755	728	27	22	2	6	2,540
Tennessee	16	195	500	10	12	1	734	551	1,007	242	35	-	15	1,850
Texas	932	623	476	97	65	19	2,212	3,516	2,205	868	130	47	121	6,887
Utah	467	270	34	-	-	-	771	330	361	246	6	32	33	1,008
Vermont	88	154	38	-	-	-	280	32	157	115	13	-	-	317
Virginia	53	128	320	51	149	19	720	590	766	122	8	19	44	1,549
Washington	183	159	147	6	-	6	501	953	828	233	22	34	10	2,080
West Virginia	83	242	130	-	-	-	455	676	328	58	12	7	-	1,081
Wisconsin	2	119	395	15	30	7	568	757	1,982	584	30	-	11	3,364
Wyoming	615	199	13	-	-	-	827	1,451	435	95	1	1	3	1,986
U.S. Total	9,677	11,657	9,319	951	959	321	32,884	44,989	35,855	14,107	1,420	1,304	1,160	98,835
Puerto Rico	4	45	45	3	5	-	102	39	31	18	4	1	3	96
Grand Total	9,681	11,702	9,364	954	964	321	32,986	45,028	35,886	14,125	1,424	1,305	1,163	98,931

**FUNCTIONAL SYSTEM LENGTH - 1999 1/
MILES BY VOLUME - SERVICE FLOW RATIO - RURAL**

TABLE HM-61
SHEET 2 OF 4

OCTOBER 2000

STATE	VOLUME SERVICE FLOW RATIO (V/SF)													
	MINOR ARTERIAL							MAJOR COLLECTOR						
	< 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	2,723	751	169	16	34	-	3,693	11,482	195	93	-	-	-	11,770
Alaska	418	8	11	-	-	-	437	1,339	69	8	-	-	-	1,416
Arizona	645	366	129	3	32	83	1,258	3,675	697	68	58	8	-	4,506
Arkansas	1,880	860	243	1	12	-	2,996	11,607	805	55	39	-	23	12,529
California	3,959	1,810	670	127	177	164	6,907	10,704	1,894	377	37	18	27	13,057
Colorado	2,475	406	699	6	71	25	3,682	5,781	156	37	-	10	2	5,986
Connecticut	159	226	73	39	-	-	497	954	222	36	-	-	-	1,212
Delaware	25	41	32	3	5	2	108	311	184	52	-	4	-	551
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	1,736	679	141	23	-	20	2,599	3,953	384	23	-	-	11	4,371
Georgia	4,497	906	198	-	1	-	5,602	12,726	642	230	35	32	29	13,694
Hawaii	180	122	61	6	7	-	376	255	84	8	-	-	-	347
Idaho	990	215	97	-	-	-	1,302	5,228	45	73	-	-	-	5,346
Illinois	3,631	1,066	132	-	-	-	4,829	13,205	953	25	-	-	-	14,183
Indiana	814	1,069	344	6	-	4	2,237	7,859	2,197	524	127	6	27	10,740
Iowa	3,548	388	19	-	-	-	3,955	14,066	236	-	-	2	-	14,304
Kansas	4,046	249	-	2	-	-	4,297	22,746	262	2	-	2	-	23,012
Kentucky	468	732	364	9	10	24	1,607	4,985	1,451	459	20	47	31	6,993
Louisiana	902	433	124	78	-	38	1,575	5,814	882	130	-	20	2	6,848
Maine	444	443	123	37	23	2	1,072	2,695	417	115	-	-	-	3,227
Maryland	188	357	375	25	6	-	951	1,215	491	83	24	37	7	1,857
Massachusetts	438	157	60	15	2	-	672	1,623	155	17	1	-	-	1,796
Michigan	2,093	1,405	459	57	17	41	4,072	14,675	2,016	281	7	-	15	16,994
Minnesota	4,836	1,065	372	18	70	27	6,388	15,755	357	51	14	-	9	16,186
Mississippi	3,019	792	56	1	2	1	3,871	11,602	410	62	7	-	-	12,081
Missouri	2,294	919	194	19	-	20	3,446	17,252	589	70	-	3	-	17,914
Montana	2,864	112	9	-	-	-	2,985	7,053	14	7	-	-	-	7,074
Nebraska	3,976	214	22	1	1	-	4,214	11,416	96	14	9	-	-	11,535
Nevada	669	24	8	9	15	-	725	2,004	185	5	1	2	1	2,198
New Hampshire	159	221	63	18	21	5	487	886	219	62	13	16	-	1,196
New Jersey	117	166	142	17	13	30	485	1,095	287	161	21	7	6	1,577
New Mexico	1,412	276	155	11	3	9	1,866	3,452	401	98	-	2	4	3,957
New York	2,132	1,769	210	-	8	6	4,125	4,841	1,128	114	-	6	7	6,096
North Carolina	875	1,172	817	50	70	30	3,014	6,118	1,595	829	57	75	6	8,680
North Dakota	2,507	6	-	-	-	-	2,513	11,304	9	-	-	-	-	11,313
Ohio	1,048	1,070	671	-	37	4	2,830	9,151	2,025	357	309	29	18	11,889
Oklahoma	2,448	292	9	-	-	-	2,749	20,806	506	38	-	-	-	21,350
Oregon	1,705	356	142	1	8	1	2,213	8,699	338	92	-	-	-	9,129
Pennsylvania	2,611	1,915	473	58	38	10	5,105	6,860	990	183	-	33	-	8,066
Rhode Island	40	30	5	-	-	-	75	159	17	-	-	-	-	176
South Carolina	1,733	1,283	608	4	17	12	3,657	7,090	807	199	-	39	4	8,139
South Dakota	3,281	44	25	-	-	-	3,350	12,344	110	-	8	4	-	12,466
Tennessee	1,497	1,476	426	2	7	-	3,408	4,761	463	83	-	-	43	5,350
Texas	6,534	2,404	667	2	24	19	9,650	33,876	1,810	331	4	3	120	36,144
Utah	1,074	364	29	33	25	11	1,536	3,064	168	74	2	2	1	3,311
Vermont	276	330	98	15	10	4	733	1,793	197	14	-	1	-	2,005
Virginia	1,080	1,658	629	58	-	1	3,426	7,781	1,400	472	-	89	2	9,744
Washington	1,517	367	66	25	1	1	1,977	7,860	439	81	-	-	-	8,380
West Virginia	866	407	249	11	-	-	1,533	5,133	715	131	3	1	14	5,997
Wisconsin	2,950	1,815	217	3	-	-	4,985	13,229	347	21	-	-	1	13,598
Wyoming	1,244	55	4	4	-	-	1,307	2,419	21	3	-	-	-	2,443
U.S. Total	91,023	33,291	10,889	813	767	594	137,377	394,701	30,080	6,248	796	498	410	432,733
Puerto Rico	63	84	99	13	27	2	288	445	224	121	2	9	-	801
Grand Total	91,086	33,375	10,988	826	794	596	137,665	395,146	30,304	6,369	798	507	410	433,534

**FUNCTIONAL SYSTEM LENGTH - 1999 1/
MILES BY VOLUME - SERVICE FLOW RATIO - URBAN**

TABLE HM-61
SHEET 4 OF 4

OCTOBER 2000

STATE	VOLUME SERVICE FLOW RATIO (V/SF)													
	MINOR ARTERIAL							COLLECTOR						
	< 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	946	719	223	67	16	15	1,986	1,480	470	155	7	4	44	2,160
Alaska	59	63	50	6	13	12	203	133	47	40	-	5	3	228
Arizona	396	430	307	51	64	27	1,275	1,178	251	259	19	15	28	1,750
Arkansas	525	232	226	9	61	34	1,087	719	144	47	18	3	2	933
California	1,837	2,906	3,373	581	869	666	10,232	3,893	2,946	1,980	283	486	371	9,959
Colorado	435	420	318	28	65	156	1,422	586	403	276	21	20	23	1,329
Connecticut	290	496	474	80	96	48	1,484	565	348	197	15	44	22	1,191
Delaware	16	72	57	2	9	5	161	60	81	55	15	13	1	225
Dist. of Columbia	7	41	65	16	23	22	174	26	46	45	13	8	14	152
Florida	564	913	913	199	202	237	3,028	1,729	1,392	1,699	282	253	376	5,731
Georgia	1,005	1,046	620	71	158	76	2,976	1,002	495	481	65	40	43	2,126
Hawaii	23	25	46	3	8	3	108	87	94	95	6	33	24	339
Idaho	168	187	117	22	43	17	554	350	100	99	5	3	4	561
Illinois	535	892	1,099	150	476	673	3,825	1,462	857	548	149	308	461	3,785
Indiana	274	561	784	180	202	443	2,444	1,074	468	383	68	103	110	2,206
Iowa	407	385	277	54	91	149	1,363	468	280	116	4	29	45	942
Kansas	359	333	255	10	62	55	1,074	659	208	77	22	7	46	1,019
Kentucky	261	297	305	66	71	177	1,177	425	421	193	30	8	66	1,143
Louisiana	516	452	301	80	49	177	1,575	860	214	167	7	17	30	1,295
Maine	26	106	93	8	24	24	281	187	128	103	14	28	23	483
Maryland	131	345	439	94	106	83	1,198	539	382	201	37	12	150	1,321
Massachusetts	916	1,038	567	101	263	218	3,103	1,285	717	501	9	8	12	2,532
Michigan	608	1,015	944	159	230	458	3,414	1,211	699	486	29	42	82	2,549
Minnesota	430	687	594	122	107	193	2,133	734	392	311	24	23	88	1,572
Mississippi	158	192	240	20	26	27	663	462	354	136	4	8	15	979
Missouri	553	630	342	62	69	125	1,781	793	399	292	56	19	53	1,612
Montana	98	91	30	7	3	5	234	239	60	21	1	4	-	325
Nebraska	129	181	118	14	56	49	547	133	158	72	22	5	24	414
Nevada	106	179	156	17	26	39	523	402	142	67	8	16	113	748
New Hampshire	66	143	149	18	24	31	431	78	96	61	12	16	18	281
New Jersey	589	1,015	929	121	167	186	3,007	601	789	455	139	42	133	2,159
New Mexico	146	85	67	10	7	16	331	310	110	30	10	-	-	460
New York	670	1,522	1,619	150	645	364	4,970	1,130	1,127	784	281	160	514	3,996
North Carolina	442	654	706	166	210	159	2,337	896	350	236	57	55	82	1,676
North Dakota	111	85	50	9	7	5	267	136	64	21	2	1	1	225
Ohio	746	774	1,322	220	215	208	3,485	1,433	1,122	595	134	90	55	3,429
Oklahoma	1,651	208	46	-	-	24	1,929	962	19	1	-	-	-	982
Oregon	403	338	213	34	22	13	1,023	892	269	56	26	26	9	1,278
Pennsylvania	403	1,016	1,138	120	179	436	3,292	1,419	1,154	724	95	124	223	3,739
Rhode Island	53	161	95	16	15	14	354	323	145	48	14	-	-	530
South Carolina	119	275	285	109	96	105	989	637	392	234	68	39	92	1,462
South Dakota	100	108	53	3	6	2	272	140	30	23	2	2	2	199
Tennessee	372	673	625	125	99	230	2,124	647	522	211	104	91	81	1,656
Texas	2,030	1,919	1,696	661	194	335	6,835	4,010	2,442	1,556	343	208	248	8,807
Utah	82	184	156	23	40	27	512	244	98	155	6	35	11	549
Vermont	23	71	35	1	18	3	151	95	64	40	3	9	4	215
Virginia	474	538	542	52	112	258	1,976	967	453	255	48	72	60	1,855
Washington	627	644	565	107	127	75	2,145	1,000	547	331	41	82	38	2,039
West Virginia	79	119	110	37	31	42	418	324	66	34	10	5	6	445
Wisconsin	209	497	636	111	169	389	2,011	568	431	293	57	104	60	1,513
Wyoming	85	53	17	1	-	-	156	380	69	30	-	6	6	491
U.S. Total	21,258	26,016	24,387	4,373	5,871	7,135	89,040	39,933	23,055	15,275	2,685	2,731	3,916	87,595
Puerto Rico	53	150	154	57	63	35	512	204	194	112	6	27	52	595
Grand Total	21,311	26,166	24,541	4,430	5,934	7,170	89,552	40,137	23,249	15,387	2,691	2,758	3,968	88,190

1/ In 1999, updated capacity (service flow) calculation procedures were instituted in the HPMS data reporting process. The procedures are based on the Highway Capacity Manual, Third Edition, 1998, published by the Transportation Research Board. Some differences from other tables may be noted because these values are estimated from sample data and do not include samples entirely on structures.