



# NATIONAL HIGHWAY SYSTEM LENGTH - 2001

## MILES BY VOLUME - SERVICE FLOW RATIO - URBAN 1/

TABLE HM-42  
SHEET 2 OF 2

JUNE 2004

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	148	27	48	37	300	88	320	209	32	43	19	711	88	360	357	59	91	56	1,011
Alaska	1	14	29	2	5	2	53	13	25	16	4	4	10	72	14	39	45	6	9	12	125
Arizona	4	42	71	10	23	24	174	36	138	132	56	30	12	404	40	180	203	66	53	36	578
Arkansas	-	49	64	20	24	31	188	61	65	67	21	6	9	229	61	114	131	41	30	40	417
California	9	36	157	137	317	439	1,095	60	182	453	138	235	410	1,478	69	218	610	275	552	849	2,573
Colorado	28	40	49	9	12	48	186	37	127	262	30	80	84	620	65	167	311	39	92	132	806
Connecticut	-	8	71	31	83	51	244	17	68	163	43	38	34	363	17	76	234	74	121	85	607
Delaware	-	-	23	7	7	4	41	1	11	42	4	6	3	67	1	11	65	11	13	7	108
District of Columbia	-	-	6	1	2	5	14	-	12	26	14	10	7	69	-	12	32	15	12	12	83
Florida	4	24	161	98	102	130	519	45	292	502	97	88	48	1,072	49	316	663	195	190	178	1,591
Georgia	14	87	186	57	65	29	438	195	387	172	39	6	8	807	209	474	358	96	71	37	1,245
Hawaii	2	10	24	5	3	5	49	4	36	62	7	13	2	124	6	46	86	12	16	7	173
Idaho	5	29	26	7	8	11	86	12	43	30	5	4	2	96	17	72	56	12	12	13	182
Illinois	-	160	163	29	56	242	650	158	394	745	101	155	120	1,673	158	554	908	130	211	362	2,323
Indiana	6	97	147	17	27	22	316	29	144	143	40	9	11	376	35	241	290	57	36	33	692
Iowa	4	26	68	28	6	15	147	144	173	32	1	6	-	366	148	199	100	29	12	15	503
Kansas	3	63	71	5	16	22	180	79	87	53	8	4	8	239	82	150	124	13	20	30	419
Kentucky	-	5	110	20	39	55	229	34	115	138	37	24	38	386	34	120	248	57	63	93	615
Louisiana	19	13	120	23	24	38	237	48	98	137	23	62	114	482	67	111	257	46	86	152	719
Maine	14	20	17	1	2	-	54	8	79	40	2	4	3	136	22	99	57	3	6	3	190
Maryland	1	8	44	18	58	123	252	14	47	182	29	58	61	391	15	55	226	47	116	184	643
Massachusetts	-	54	131	49	71	100	405	46	269	372	97	169	109	1,062	46	323	503	146	240	209	1,467
Michigan	5	49	178	64	109	94	499	44	252	565	127	110	72	1,170	49	301	743	191	219	166	1,669
Minnesota	4	10	39	3	42	132	230	43	106	118	29	78	94	468	47	116	157	32	120	226	698
Mississippi	1	26	53	9	17	22	128	44	81	96	14	10	13	258	45	107	149	23	27	35	386
Missouri	8	41	90	46	99	90	374	58	187	257	36	30	27	595	66	228	347	82	129	117	969
Montana	24	31	-	-	-	-	55	19	17	25	1	-	-	62	43	48	25	1	-	-	117
Nebraska	2	7	17	9	7	4	46	37	79	87	17	6	13	239	39	86	104	26	13	17	285
Nevada	12	9	26	9	17	8	81	5	29	46	9	9	16	114	17	38	72	18	26	24	195
New Hampshire	-	-	18	7	8	15	48	4	31	57	10	5	8	115	4	31	75	17	13	23	163
New Jersey	1	33	105	24	46	104	313	23	163	361	89	175	268	1,079	24	196	466	113	221	372	1,392
New Mexico	18	44	29	3	8	5	107	86	73	25	6	5	3	198	104	117	54	9	13	8	305
New York	21	127	258	53	96	157	712	110	343	642	99	139	288	1,621	131	470	900	152	235	445	2,333
North Carolina	1	3	108	58	78	122	370	35	113	184	51	69	35	487	36	116	292	109	147	157	857
North Dakota	18	16	7	-	-	-	41	23	11	26	2	-	-	62	41	27	33	2	-	-	103
Ohio	2	35	176	102	183	246	744	71	358	345	28	91	35	928	73	393	521	130	274	281	1,672
Oklahoma	7	46	74	29	27	26	209	99	82	42	8	28	24	283	106	128	116	37	55	50	492
Oregon	14	16	36	7	29	43	145	33	55	154	27	32	34	335	47	71	190	34	61	77	480
Pennsylvania	13	81	262	38	92	66	552	72	470	563	119	159	52	1,435	85	551	825	157	251	118	1,987
Rhode Island	-	-	18	4	6	20	48	12	19	67	13	10	12	133	12	19	85	17	16	32	181
South Carolina	-	5	75	25	29	20	154	19	136	203	43	55	16	472	19	141	278	68	84	36	626
South Dakota	7	25	16	1	-	-	49	19	25	15	1	-	-	60	26	50	31	2	-	-	109
Tennessee	1	38	118	16	92	73	338	40	214	255	33	46	44	632	41	252	373	49	138	117	970
Texas	44	137	266	107	239	228	1,021	436	827	1,318	186	316	490	3,573	480	964	1,584	293	555	718	4,594
Utah	12	24	75	17	25	16	169	5	92	90	20	8	6	221	17	116	165	37	33	22	390
Vermont	6	14	19	2	-	-	41	5	16	17	9	3	5	55	11	30	36	11	3	5	96
Virginia	17	58	155	32	48	74	384	100	213	309	44	119	50	835	117	271	464	76	167	124	1,219
Washington	2	28	75	75	66	16	262	72	151	199	57	63	44	586	74	179	274	132	129	60	848
West Virginia	-	37	54	1	2	-	94	10	57	32	8	6	3	116	10	94	86	9	8	3	210
Wisconsin	-	21	76	9	20	34	160	74	272	294	45	43	45	773	74	293	370	54	63	79	933
Wyoming	53	33	1	-	-	-	87	50	24	5	-	-	-	79	103	57	6	-	-	-	166
U.S. Total	407	1,819	4,310	1,351	2,383	3,048	13,318	2,777	7,608	10,375	1,959	2,669	2,809	28,197	3,184	9,427	14,685	3,310	5,052	5,857	41,515
Puerto Rico	1	19	68	17	16	25	146	7	18	35	13	11	9	93	8	37	103	30	27	34	239
GRAND TOTAL	408	1,838	4,378	1,368	2,399	3,073	13,464	2,784	7,626	10,410	1,972	2,680	2,818	28,290	3,192	9,464	14,788	3,340	5,079	5,891	41,754

For footnotes, see Footnotes Page.

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### MILES BY VOLUME - SERVICE FLOW RATIO - URBAN 1/

#### HM-42 Footnotes

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.