

FUNCTIONAL SYSTEM LENGTH - 2017 (1)
MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-63
SHEET 1 OF 3

August 23, 2018

STATE	RURAL MAJOR COLLECTOR												TOTAL REPORTED
	INTERNATIONAL ROUGHNESS INDEX (2)						PRESENT SERVICEABILITY RATING (3)						
	<60	60-94	95-170	171-220	>220	TOTAL	>3.9	3.5-3.9	2.6-3.4	2.1-2.5	<=2.0	TOTAL	
Alabama	794	4,234	4,342	564	780	10,715	-	-	-	-	-	-	10,715
Alaska	75	248	251	73	83	730	-	-	-	-	-	-	730
Arizona	544	968	1,301	311	118	3,242	-	-	-	-	-	-	3,242
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-	727
California	-	1,009	4,605	2,127	3,372	11,113	-	-	584	143	-	727	11,113
Colorado	165	1,068	2,328	517	356	4,434	23	-	-	-	-	23	4,457
Connecticut	5	199	434	99	120	857	-	-	-	-	-	-	857
Delaware	70	124	164	20	11	389	-	-	-	-	-	-	389
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	600	746	463	46	23	1,877	360	526	1,178	60	24	2,148	4,025
Georgia	119	1,694	1,589	123	18	3,544	-	-	-	-	-	-	3,544
Hawaii	0	10	101	56	53	220	-	-	-	-	-	-	220
Idaho	168	336	210	24	2	740	595	663	1,529	735	275	3,797	4,537
Illinois	852	3,384	3,907	684	100	8,827	-	-	-	-	-	-	8,927
Indiana	744	2,228	1,760	385	152	5,270	-	-	-	-	-	-	5,270
Iowa	-	0	0	-	-	0	-	-	-	-	-	-	0
Kansas	819	1,894	1,587	171	52	4,623	267	1,614	4,381	973	586	7,822	12,345
Kentucky	65	1,499	3,243	334	117	5,259	-	-	-	-	-	-	5,259
Louisiana	158	1,537	1,761	552	663	4,671	-	-	-	-	-	-	4,671
Maine	258	727	1,296	458	461	3,200	-	-	-	-	-	-	3,200
Maryland	-	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	12	75	99	33	55	274	-	-	-	-	-	-	274
Michigan	2,114	3,713	5,490	1,635	1,678	14,630	-	-	-	-	-	-	14,630
Minnesota	2,624	4,903	4,342	1,027	1,292	14,188	-	-	-	-	-	-	14,188
Mississippi	161	1,850	5,440	2,234	1,990	11,675	-	-	-	-	-	-	11,675
Missouri	147	2,978	8,429	3,243	1,389	16,186	-	-	-	-	-	-	16,186
Montana	328	1,450	2,255	441	302	4,776	-	-	-	-	-	-	4,776
Nebraska	1,498	1,750	1,182	239	125	4,793	1,277	440	437	256	148	2,558	7,352
Nevada	124	529	1,131	226	99	2,109	-	-	-	-	-	-	2,109
New Hampshire	83	220	433	125	178	1,040	-	-	2	-	-	2	1,042
New Jersey	-	20	393	31	-	444	52	82	191	5	-	331	775
New Mexico	82	223	1,679	1,148	959	4,991	-	-	-	-	-	-	4,991
New York	205	2,545	1,036	9	-	3,795	-	-	-	-	-	-	3,795
North Carolina	131	2,635	3,052	381	285	6,484	-	-	-	-	-	-	6,484
North Dakota	903	1,912	1,884	325	361	5,386	-	-	-	-	-	-	5,386
Ohio	2,591	3,949	3,667	499	302	11,009	8	-	23	0	0	31	11,040
Oklahoma	631	3,778	7,615	3,017	3,647	18,689	-	-	-	-	423	423	19,112
Oregon	-	353	1,179	470	117	2,119	1,700	1,914	1,248	98	263	5,222	7,341
Pennsylvania	336	1,641	2,909	1,095	1,359	7,339	-	-	-	-	-	-	7,339
Rhode Island	-	7	75	42	49	172	-	-	-	-	-	-	172
South Carolina	624	2,650	4,849	1,154	736	10,014	-	-	-	-	-	-	10,014
South Dakota	381	1,628	4,102	1,026	206	7,343	29	68	81	-	-	178	7,521
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	2,534	2,154	7,106	20,096	3,244	35,135	35,135
Utah	175	671	1,382	420	244	2,891	-	-	-	-	-	-	2,891
Vermont	121	533	748	187	245	1,833	-	-	-	-	-	-	1,833
Virginia	37	690	1,466	288	161	2,643	-	-	-	-	-	-	2,643
Washington	68	1,112	4,620	1,473	741	8,014	-	-	-	-	-	-	8,014
West Virginia	1	719	2,526	1,090	1,151	5,487	-	-	-	-	-	-	5,487
Wisconsin	1,113	2,752	5,433	1,126	1,642	12,067	-	-	-	-	-	-	12,067
Wyoming	525	968	890	241	116	2,739	-	-	-	-	4	4	2,744
U.S. Total	20,454	68,159	107,648	29,771	25,911	251,943	6,846	7,461	16,761	22,366	4,967	58,401	310,344
Puerto Rico (4)	-	-	-	-	-	-	-	-	-	-	-	-	-
Grand Total	20,454	68,159	107,648	29,771	25,911	251,943	6,846	7,461	16,761	22,366	4,967	58,401	310,344

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2017 (1)

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-63
SHEET 2 OF 3

August 23, 2018

STATE	URBAN MINOR ARTERIAL												TOTAL REPORTED
	INTERNATIONAL ROUGHNESS INDEX (2)						PRESENT SERVICEABILITY RATING (3)						
	<60	60-94	95-170	171-220	>220	TOTAL	>3.9	3.5-3.9	2.6-3.4	2.1-2.5	<=2.0	TOTAL	
Alabama	202	671	862	204	282	2,221	-	-	-	-	-	-	2,221
Alaska	20	53	67	21	14	174	-	-	-	-	-	-	174
Arizona	64	375	1,299	461	250	2,448	-	-	-	-	-	-	2,448
Arkansas	0	5	14	5	1	25	29	42	503	191	64	829	854
California	47	748	4,304	2,154	3,110	10,364	-	-	-	-	-	-	10,364
Colorado	14	184	784	405	403	1,790	8	-	-	2	-	10	1,800
Connecticut	20	262	791	310	289	1,672	-	-	-	-	-	-	1,672
Delaware	15	55	86	30	35	221	-	-	-	-	-	-	221
District of Columbia	-	-	5	20	138	163	-	-	-	-	-	-	163
Florida	333	963	848	160	113	2,417	472	553	583	100	78	1,785	4,203
Georgia	397	897	636	99	123	2,153	-	-	-	-	-	-	2,153
Hawaii	6	28	69	36	53	192	-	-	-	-	-	-	192
Idaho	6	16	34	2	2	59	147	118	157	110	28	560	619
Illinois	73	696	1,979	781	625	4,154	-	-	-	-	-	-	4,154
Indiana	303	528	882	294	275	2,283	-	-	-	-	-	-	2,283
Iowa	-	-	4	0	1	5	-	-	-	-	-	-	5
Kansas	58	183	618	247	246	1,352	-	-	-	-	-	-	1,352
Kentucky	77	303	556	136	106	1,178	-	-	-	-	-	-	1,178
Louisiana	47	326	661	278	325	1,637	-	-	-	-	-	-	1,637
Maine	23	66	100	31	31	251	-	-	-	-	-	-	251
Maryland	-	2	13	2	2	18	-	-	-	-	-	-	18
Massachusetts	6	188	747	318	274	1,532	-	-	-	-	-	-	1,532
Michigan	139	720	1,996	890	967	4,713	-	-	-	-	-	-	4,713
Minnesota	288	566	830	420	232	2,336	-	-	-	-	-	-	2,336
Mississippi	40	171	423	204	246	1,085	-	-	-	-	-	-	1,085
Missouri	26	268	951	355	373	1,972	-	-	-	-	-	-	1,972
Montana	8	66	110	44	58	285	-	-	-	-	-	-	285
Nebraska	33	37	66	27	42	205	216	75	153	30	-	474	679
Nevada	127	233	348	108	76	892	-	-	-	-	-	-	892
New Hampshire	32	114	187	66	88	488	-	-	2	-	-	2	490
New Jersey	80	130	682	604	718	2,213	509	154	613	128	15	1,419	3,632
New Mexico	11	99	351	118	128	707	5	-	-	-	-	5	712
New York	82	299	808	220	899	2,308	-	-	-	-	-	-	2,308
North Carolina	30	783	1,618	404	304	3,139	-	-	-	-	-	-	3,139
North Dakota	9	33	103	43	75	263	-	-	-	-	-	-	263
Ohio	200	806	1,553	540	756	3,856	39	7	55	3	11	116	3,971
Oklahoma	19	81	918	640	513	2,169	17	5	23	12	18	74	2,243
Oregon	5	73	73	39	8	198	408	324	321	23	12	1,088	1,285
Pennsylvania	66	610	1,680	813	729	3,897	-	-	-	-	-	-	3,897
Rhode Island	-	15	139	82	107	342	1	-	-	-	-	1	343
South Carolina	38	310	998	238	141	1,726	-	-	-	-	-	-	1,726
South Dakota	1	29	177	163	37	406	-	1	12	1	1	14	420
Tennessee	18	36	15	7	9	84	-	-	-	-	-	-	84
Texas	5	43	28	10	12	99	1,373	986	3,048	1,535	906	7,848	7,947
Utah	9	90	289	112	132	632	-	-	-	-	-	-	632
Vermont	9	53	52	16	14	144	-	-	-	-	-	-	144
Virginia	16	274	712	200	100	1,302	-	-	-	-	-	-	1,302
Washington	62	428	1,113	456	622	2,681	-	-	-	-	-	-	2,681
West Virginia	2	165	338	112	102	719	-	-	-	-	-	-	719
Wisconsin	35	198	800	553	1,040	2,627	-	-	-	-	-	-	2,627
Wyoming	14	54	65	21	28	182	36	25	3	1	2	67	249
U.S. Total	3,115	13,333	32,782	13,498	15,251	77,978	3,260	2,288	5,473	2,136	1,135	14,292	92,271
Puerto Rico (4)	-	1	11	13	40	65	-	-	-	-	-	-	65
Grand Total	3,115	13,334	32,793	13,511	15,291	78,044	3,260	2,288	5,473	2,136	1,135	14,292	92,336

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2017 (1)

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-63
SHEET 3 OF 3

August 23, 2018

STATE	URBAN MAJOR AND MINOR COLLECTOR													TOTAL REPORTED
	INTERNATIONAL ROUGHNESS INDEX (2)						PRESENT SERVICEABILITY RATING (3)						TOTAL	
	<60	60-94	95-170	171-220	>220	TOTAL	>3.9	3.5-3.9	2.6-3.4	2.1-2.5	<=2.0	TOTAL		
Alabama	84	640	1,550	537	817	3,627	-	-	-	-	-	-	-	3,627
Alaska	14	69	98	38	60	279	-	-	-	-	-	-	-	279
Arizona	17	101	827	428	522	1,894	-	-	-	-	-	-	-	1,894
Arkansas	-	-	0	0	0	1	47	139	737	505	221	1,651	-	1,651
California	21	360	3,394	2,825	5,392	11,991	-	-	-	-	-	-	-	11,991
Colorado	49	170	747	417	502	1,886	0	-	-	3	-	4	-	1,889
Connecticut	4	105	887	474	659	2,129	-	-	-	-	-	-	-	2,129
Delaware	11	92	209	74	88	473	-	-	-	-	-	-	-	473
District of Columbia	-	0	3	17	131	151	-	-	-	-	-	-	-	151
Florida	115	970	1,966	600	630	4,281	880	1,318	1,395	215	211	4,019	-	8,300
Georgia	26	163	85	18	9	301	-	-	-	-	-	-	-	301
Hawaii	3	11	151	118	168	451	-	-	-	-	-	-	-	451
Idaho	0	1	2	0	1	4	176	97	253	95	38	659	-	664
Illinois	146	685	2,118	1,245	1,500	5,694	-	-	-	-	-	-	-	5,694
Indiana	47	188	362	138	118	854	-	-	-	-	-	-	-	854
Iowa	-	-	0	-	-	0	-	-	-	-	-	-	-	0
Kansas	42	135	748	341	695	1,961	-	-	4	-	2	6	-	1,966
Kentucky	14	111	462	155	161	904	-	-	-	-	-	-	-	904
Louisiana	53	309	762	316	488	1,927	-	-	-	-	-	-	-	1,927
Maine	16	84	211	76	85	472	-	-	-	-	-	-	-	472
Maryland	-	-	0	0	0	0	-	-	-	-	-	-	-	0
Massachusetts	-	-	205	2	-	207	-	-	-	-	-	-	-	207
Michigan	57	451	1,306	694	1,055	3,564	-	-	-	-	-	-	-	3,564
Minnesota	109	465	1,025	500	393	2,491	-	-	-	-	-	-	-	2,491
Mississippi	3	95	478	330	678	1,584	-	-	-	-	-	-	-	1,584
Missouri	-	120	917	450	669	2,156	-	-	-	-	-	-	-	2,156
Montana	10	33	106	89	184	423	-	-	-	-	-	-	-	423
Nebraska	-	-	0	1	1	2	156	84	161	45	8	455	-	456
Nevada	27	181	462	223	264	1,159	-	-	-	-	-	-	-	1,159
New Hampshire	2	81	204	92	150	529	-	-	6	-	-	6	-	536
New Jersey	4	32	383	532	972	1,923	250	149	719	250	33	1,400	-	3,323
New Mexico	49	167	443	196	278	1,132	-	-	-	-	-	-	-	1,132
New York	20	239	1,102	268	278	1,907	-	-	-	-	-	-	-	1,907
North Carolina	13	564	1,949	455	391	3,371	-	-	-	-	-	-	-	3,371
North Dakota	1	5	79	72	139	296	-	-	-	-	-	-	-	296
Ohio	183	947	2,326	919	1,418	5,793	83	11	43	11	13	161	-	5,954
Oklahoma	14	42	455	354	583	1,448	46	29	38	49	15	176	-	1,624
Oregon	-	30	21	24	10	86	769	885	713	128	33	2,529	-	2,615
Pennsylvania	22	254	2,252	1,318	1,787	5,632	-	-	-	-	-	-	-	5,632
Rhode Island	-	6	166	126	269	568	-	-	1	3	0	4	-	573
South Carolina	24	387	1,261	534	561	2,767	-	-	-	-	-	-	-	2,767
South Dakota	-	3	119	120	79	320	-	5	5	-	-	10	-	329
Tennessee	-	1	2	-	2	4	-	-	-	-	-	-	-	4
Texas	-	12	40	28	70	151	2,067	2,387	5,343	4,363	2,483	16,642	-	16,792
Utah	5	106	513	362	542	1,527	-	-	-	-	-	-	-	1,527
Vermont	4	56	99	46	43	248	-	-	-	-	-	-	-	248
Virginia	1	119	444	121	83	768	-	-	-	-	-	-	-	768
Washington	17	204	1,043	555	1,062	2,880	-	-	-	-	-	-	-	2,880
West Virginia	0	76	340	216	313	946	-	-	-	-	-	-	-	946
Wisconsin	35	70	571	449	1,533	2,658	-	-	-	-	-	-	-	2,658
Wyoming	14	76	97	43	32	262	-	-	-	-	-	-	-	262
U.S. Total	1,275	9,019	32,990	16,936	25,864	86,085	4,646	5,213	9,435	5,678	3,080	28,053	-	114,137
Puerto Rico (4)	-	-	1	2	15	18	-	-	-	-	-	-	-	18
Grand Total	1,275	9,019	32,991	16,938	25,879	86,102	4,646	5,213	9,435	5,678	3,080	28,053	-	114,155

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2017 (1)

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

HM-63 Footnotes Page:

- (1) Some States elect to report International Roughness Index (IRI) for these systems; some report IRI for some sections and PSR for some sections. PSR is ignored for sections coded with both IRI and PSR. Some differences from other tables may be noted because these are estimated from sample data. Excludes unpaved mileage. Includes structures.
- (2) Data are reported as the IRI in inches per mile. Reference: World Bank Technical Paper Number 46, 1986. Lower IRI represents smoother riding roadways; to obtain a comprehensive assessment of pavement condition, additional measures of pavement distress are needed.
- (3) The "Present Serviceability Rating" (PSR) is a subjective, primarily ride-based system adapted from the "AASHO ROAD TESTS" conducted in the late 1950's and early 1960's. Reference: Highway Special Report 61E, 1962. The PSR values range from 0.1 to 5.0; higher PSR values represent smoother riding roadways.
- (4) Data may not be complete.