

FEDERAL - AID LENGTH - 2019
MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

September 30, 2020

TABLE HM-47i

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) / PRESENT SERVICEABILITY RATING (PSR) (1)														
	RURAL					URBAN					TOTAL				
	NOT REPORTED (2)	IRI: <95 PSR: >3.4	IRI: 95-170 PSR: 2.6-3.4	IRI: >170 PSR: <2.6	TOTAL REPORTED	NOT REPORTED (2)	IRI: <95 PSR: >3.4	IRI: 95-170 PSR: 2.6-3.4	IRI: >170 PSR: <2.6	TOTAL REPORTED	NOT REPORTED (2)	IRI: <95 PSR: >3.4	IRI: 95-170 PSR: 2.6-3.4	IRI: >170 PSR: <2.6	TOTAL REPORTED
Alabama	0	11,953	5,269	1,441	18,662	23	3,244	2,789	1,523	7,556	24	15,197	8,058	2,963	26,218
Alaska	427	1,315	905	459	2,680	181	348	244	118	711	608	1,663	1,150	578	3,391
Arizona	277	3,628	2,837	874	7,339	1,326	1,398	4,251	2,320	7,968	1,603	5,026	7,088	3,194	15,307
Arkansas	43	5,053	6,098	5,662	16,813	14	1,531	2,538	1,050	5,118	57	6,584	8,635	6,712	21,931
California	98	8,515	7,427	4,351	20,293	422	3,364	6,918	9,869	20,151	520	11,878	14,345	14,220	40,444
Colorado	0	4,400	4,901	1,601	10,902	0	1,184	2,172	2,019	5,374	0	5,583	7,073	3,620	16,276
Connecticut	-	323	653	285	1,260	-	986	2,224	1,870	5,080	-	1,308	2,877	2,155	6,340
Delaware	2	368	206	29	604	5	369	387	224	980	8	737	593	253	1,583
District of Columbia	-	-	-	-	-	16	3	29	402	434	16	3	29	402	434
Florida	61	6,799	2,405	467	9,671	95	7,771	6,942	3,100	17,812	157	14,571	9,347	3,566	27,484
Georgia	1	11,986	6,481	813	19,279	6	5,962	5,081	1,455	12,498	7	17,948	11,562	2,267	31,777
Hawaii	0	128	248	178	554	1	138	384	494	1,015	1	266	631	672	1,570
Idaho	991	4,023	2,931	901	7,855	247	865	672	201	1,738	1,238	4,888	3,603	1,102	9,593
Illinois	43	9,038	6,825	1,439	17,303	308	3,215	5,610	4,785	13,609	351	12,253	12,435	6,224	30,912
Indiana	162	6,496	5,567	2,716	14,779	294	2,649	4,070	2,762	9,481	456	9,145	9,637	5,478	24,260
Iowa	17,026	2,649	1,144	200	3,993	2,945	435	430	204	1,068	19,971	3,084	1,574	404	5,061
Kansas	262	9,457	2,745	419	12,621	150	879	1,441	1,576	3,896	411	10,336	4,186	1,995	16,517
Kentucky	537	4,873	4,543	571	9,987	755	1,108	1,483	751	3,342	1,292	5,981	6,025	1,322	13,328
Louisiana	45	3,637	3,242	1,334	8,214	176	1,146	2,009	2,078	5,233	221	4,783	5,251	3,412	13,446
Maine	6	2,311	1,810	1,162	5,282	4	354	426	277	1,057	10	2,664	2,236	1,438	6,339
Maryland	-	1,555	801	178	2,534	19	1,570	2,027	2,026	5,624	19	3,126	2,828	2,204	8,158
Massachusetts	493	485	318	40	843	5,852	1,200	1,603	1,154	3,958	6,346	1,685	1,921	1,194	4,801
Michigan	18	11,831	6,857	2,857	21,545	46	2,791	4,585	4,488	11,863	64	14,622	11,441	7,345	33,408
Minnesota	599	12,788	8,725	3,317	24,830	222	2,411	2,414	1,671	6,496	821	15,199	11,139	4,988	31,326
Mississippi	-	5,716	7,801	4,326	17,843	1	1,014	1,420	1,517	3,951	1	6,730	9,222	5,842	21,794
Missouri	23	7,682	11,454	4,940	24,077	0	1,658	2,368	2,638	6,664	23	9,340	13,822	7,578	30,740
Montana	-	6,789	3,778	1,022	11,590	0	304	329	463	1,096	0	7,094	4,107	1,485	12,685
Nebraska	51	6,596	1,989	936	9,521	11	190	192	188	571	62	6,786	2,181	1,125	10,092
Nevada	-	2,966	1,507	355	4,828	10	871	1,068	735	2,674	10	3,837	2,575	1,090	7,502
New Hampshire	0	1,210	626	305	2,141	0	542	478	394	1,414	0	1,751	1,104	699	3,554
New Jersey	28	518	696	79	1,294	-	2,643	3,034	3,916	9,594	28	3,162	3,731	3,995	10,887
New Mexico	0	3,282	3,358	2,741	9,381	1	636	1,018	1,081	2,735	1	3,918	4,376	3,822	12,117
New York	45	6,471	4,063	992	11,526	252	3,344	6,220	6,303	15,867	297	9,815	10,283	7,295	27,393
North Carolina	250	6,012	5,780	1,049	12,841	346	3,118	4,959	2,068	10,145	596	9,130	10,739	3,117	22,986
North Dakota	0	9,461	3,206	449	13,115	1	195	288	381	865	1	9,656	3,494	830	13,980
Ohio	210	10,995	4,126	842	15,963	27	4,746	5,056	4,091	13,893	237	15,741	9,183	4,933	29,856
Oklahoma	10,913	6,974	6,021	778	13,773	4,024	683	567	227	1,477	14,937	7,657	6,588	1,004	15,249
Oregon	115	7,774	3,804	896	12,474	10	3,206	1,454	395	5,055	125	10,980	5,258	1,290	17,529
Pennsylvania	264	6,091	5,753	2,500	14,343	451	2,930	5,649	5,041	13,620	715	9,020	11,403	7,541	27,963
Rhode Island	4	69	156	140	366	32	149	477	720	1,346	36	218	633	860	1,712
South Carolina	13	6,603	6,354	2,172	15,128	333	1,518	2,657	1,614	5,789	346	8,121	9,010	3,786	20,917
South Dakota	52	6,348	5,836	1,585	13,769	9	141	400	446	987	60	6,489	6,236	2,031	14,755
Tennessee	62	2,039	331	43	2,413	71	1,809	622	228	2,659	133	3,849	952	271	5,072
Texas	816	24,359	24,720	6,203	55,282	644	7,976	12,243	13,239	33,459	1,461	32,336	36,963	19,443	88,741
Utah	-	2,895	2,533	817	6,245	7	843	1,131	1,247	3,221	7	3,738	3,664	2,064	9,466
Vermont	15	1,552	1,143	530	3,226	24	261	209	136	605	39	1,813	1,352	666	3,831
Virginia	3,420	4,481	4,575	859	9,916	2,480	1,525	2,478	1,265	5,268	5,900	6,005	7,053	2,125	15,183
Washington	1	3,475	6,443	2,500	12,418	203	1,579	3,111	2,970	7,660	204	5,054	9,555	5,470	20,079
West Virginia	10	2,156	3,539	2,453	8,148	33	608	844	769	2,222	43	2,764	4,384	3,222	10,370
Wisconsin	11,957	4,426	2,871	1,150	8,446	5,407	640	1,244	799	2,683	17,365	5,066	4,115	1,949	11,129
Wyoming	1	4,657	1,607	295	6,559	22	353	177	85	614	23	5,009	1,784	380	7,174
U.S. Total	49,340	275,207	207,010	72,250	554,466	27,511	88,403	120,420	99,370	308,194	76,851	#####	327,431	171,620	862,660
Puerto Rico	9	15	52	149	216	32	69	337	1,343	1,748	41	83	388	1,492	1,964
Grand Total	49,349	275,221	207,062	72,399	554,682	27,544	88,472	120,757	100,712	309,942	76,892	#####	327,819	173,111	864,624

For footnotes, see Footnotes Page.

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MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

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- (1) Data are reported as the International Roughness Index (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. 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.
- (2) May include sections entirely on structures.