

FEDERAL - AID LENGTH - 2020
MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

NOVEMBER, 2020

TABLE HM-471

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	6	11,907	5,401	906	18,214	23	3,227	2,996	1,457	7,681	29	15,134	8,398	2,363	25,894
Alaska	378	1,271	933	530	2,734	181	341	242	130	712	559	1,612	1,175	660	3,446
Arizona	135	3,545	2,994	928	7,467	755	1,641	4,209	2,677	8,527	890	5,186	7,203	3,605	15,994
Arkansas	33	4,842	6,372	5,610	16,824	14	1,522	2,642	948	5,111	48	6,364	9,013	6,558	21,935
California	64	6,677	3,862	1,439	11,978	551	2,521	4,631	7,276	14,428	615	9,199	8,492	8,715	26,407
Colorado	-	4,568	4,774	1,595	10,937	0	1,167	2,233	1,976	5,375	0	5,735	7,007	3,571	16,312
Connecticut	0	338	642	281	1,260	15	1,017	2,252	1,796	5,065	15	1,355	2,894	2,077	6,326
Delaware	3	373	202	31	606	3	380	376	227	984	6	753	578	259	1,590
District of Columbia	-	-	-	-	-	1	8	31	413	452	1	8	31	413	452
Florida	150	6,789	2,403	385	9,577	76	8,078	6,903	2,859	17,841	226	14,867	9,306	3,245	27,417
Georgia	0	11,978	6,460	848	19,285	6	6,080	5,003	1,433	12,517	6	18,058	11,463	2,281	31,802
Hawaii	8	136	245	166	546	16	143	401	453	997	24	279	646	618	1,543
Idaho	4,465	3,136	832	393	4,361	1,371	324	140	88	552	5,835	3,460	972	481	4,914
Illinois	39	9,120	6,824	1,405	17,349	210	3,393	5,586	4,737	13,716	250	12,513	12,409	6,142	31,065
Indiana	1,126	7,710	4,284	1,731	13,726	719	2,855	3,598	2,387	8,841	1,845	10,566	7,883	4,118	22,567
Iowa	16,852	2,573	1,191	240	4,003	2,940	422	445	214	1,081	19,792	2,995	1,635	454	5,084
Kansas	6,678	9,895	2,958	458	13,310	295	898	1,492	1,509	3,899	6,973	10,793	4,449	1,967	17,209
Kentucky	301	5,115	4,595	530	10,241	1,323	1,086	1,244	433	2,762	1,624	6,201	5,839	963	13,003
Louisiana	18	3,620	3,489	1,268	8,377	110	1,707	2,597	2,173	6,477	128	5,327	6,086	3,441	14,854
Maine	121	2,270	1,867	1,030	5,167	25	366	416	254	1,036	147	2,636	2,282	1,284	6,202
Maryland	0	1,600	759	180	2,539	23	1,541	1,997	2,084	5,622	23	3,141	2,756	2,264	8,161
Massachusetts	488	368	380	107	854	5,536	1,249	1,728	1,309	4,286	6,024	1,617	2,107	1,416	5,140
Michigan	84	11,707	6,868	2,789	21,364	210	2,855	4,476	4,385	11,716	293	14,561	11,344	7,174	33,080
Minnesota	39	14,974	8,654	1,960	25,588	17	3,027	2,610	1,052	6,689	56	18,001	11,264	3,012	32,277
Mississippi	-	5,718	7,904	4,215	17,837	7	968	1,503	1,477	3,948	7	6,686	9,407	5,692	21,785
Missouri	-	8,007	11,159	4,924	24,090	-	1,687	2,436	2,555	6,677	-	9,693	13,594	7,479	30,767
Montana	-	6,550	3,878	1,157	11,585	-	310	334	451	1,095	-	6,860	4,211	1,609	12,680
Nebraska	7	7,218	1,910	535	9,663	10	186	193	191	571	17	7,405	2,103	726	10,234
Nevada	-	2,943	1,524	361	4,828	26	873	1,075	713	2,661	26	3,815	2,600	1,074	7,489
New Hampshire	0	1,226	640	274	2,141	0	561	501	352	1,413	0	1,787	1,141	626	3,554
New Jersey	-	596	655	71	1,322	-	2,801	3,103	3,689	9,593	-	3,397	3,758	3,760	10,915
New Mexico	0	3,326	3,089	2,970	9,386	2	558	1,028	1,160	2,746	2	3,885	4,117	4,130	12,132
New York	43	6,601	4,184	618	11,404	265	3,145	6,089	6,428	15,661	308	9,746	10,273	7,046	27,065
North Carolina	384	6,784	5,195	741	12,720	255	3,293	5,235	1,662	10,191	639	10,077	10,430	2,403	22,911
North Dakota	-	9,604	3,156	460	13,219	1	204	301	367	873	1	9,808	3,457	827	14,092
Ohio	510	11,492	3,411	758	15,661	54	4,849	5,110	3,916	13,876	564	16,341	8,521	4,675	29,537
Oklahoma	10,524	7,008	5,294	725	13,027	3,840	764	454	191	1,409	14,363	7,772	5,748	917	14,436
Oregon	34	8,040	3,490	1,041	12,571	20	3,216	1,441	401	5,058	54	11,256	4,931	1,442	17,629
Pennsylvania	245	6,110	5,658	2,596	14,363	466	2,946	5,544	5,147	13,638	711	9,056	11,202	7,743	28,001
Rhode Island	0	92	160	118	369	17	176	479	722	1,377	18	268	639	840	1,746
South Carolina	5,698	5,182	3,711	538	9,431	3,332	1,036	1,231	498	2,765	9,030	6,218	4,942	1,036	12,196
South Dakota	141	7,043	5,167	1,541	13,752	2	178	372	444	994	144	7,221	5,539	1,985	14,745
Tennessee	203	2,126	340	46	2,512	125	1,850	656	239	2,745	328	3,976	995	285	5,256
Texas	486	22,622	26,249	6,807	55,678	588	7,817	12,583	13,191	33,591	1,074	30,439	38,832	19,998	89,269
Utah	-	3,211	2,435	669	6,315	7	818	1,170	1,244	3,231	7	4,028	3,605	1,913	9,546
Vermont	68	1,439	1,137	594	3,170	23	248	225	134	607	91	1,688	1,361	728	3,777
Virginia	3,438	4,661	4,402	835	9,898	2,737	1,534	2,399	1,146	5,079	6,174	6,196	6,801	1,981	14,977
Washington	528	3,266	6,021	2,603	11,891	340	1,551	3,100	2,945	7,596	868	4,818	9,121	5,548	19,487
West Virginia	36	2,084	3,551	2,477	8,112	39	603	848	759	2,209	76	2,687	4,399	3,235	10,321
Wisconsin	573	9,543	6,972	3,316	19,831	340	1,201	2,948	3,661	7,810	913	10,744	9,920	6,977	27,641
Wyoming	55	4,400	1,600	321	6,321	39	305	175	73	552	94	4,704	1,775	394	6,873
U.S. Total	53,962	281,403	199,879	66,123	547,405	26,957	89,529	118,778	96,025	304,332	80,919	370,932	318,657	162,148	851,738
Puerto Rico	12	18	73	355	446	26	64	322	1,282	1,668	38	82	395	1,637	2,115
Grand Total	53,974	281,422	199,952	66,478	547,852	26,983	89,592	119,100	97,308	306,001	80,957	371,014	319,052	163,786	853,852

For footnotes, see Footnotes Page.

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MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

HM-47i Footnotes Page:

- (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.