

FEDERAL - AID LENGTH - 2023
MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

JANUARY 2025

TABLE HM-47i

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) / PRESENT SERVICEABILITY RATING (PSR) (1)														
	RURAL					URBAN					TOTAL				
	NOT	IRI: <95	IRI: 95-170	IRI: >170	TOTAL	NOT	IRI: <95	IRI: 95-170	IRI: >170	TOTAL	NOT	IRI: <95	IRI: 95-170	IRI: >170	TOTAL
	REPORTED (2)	PSR: >3.4	PSR: 2.6-3.4	PSR: <2.6	REPORTED	REPORTED (2)	PSR: >3.4	PSR: 2.6-3.4	PSR: <2.6	REPORTED	REPORTED (2)	PSR: >3.4	PSR: 2.6-3.4	PSR: <2.6	REPORTED
Alabama	3,594	10,091	4,411	721	15,222	1,426	2,974	2,443	1,107	6,524	5,020	13,065	6,853	1,828	21,746
Alaska	373	1,280	969	526	2,776	12	290	301	296	887	385	1,570	1,270	822	3,662
Arizona	105	3,498	3,189	933	7,619	296	1,517	4,096	3,333	8,946	400	5,014	7,285	4,266	16,565
Arkansas	40	7,588	5,654	3,771	17,013	46	1,821	2,587	774	5,182	86	9,409	8,241	4,545	22,195
California	120	6,509	5,169	2,649	14,327	350	2,781	4,274	4,653	11,708	470	9,290	9,443	7,303	26,036
Colorado	-	4,450	4,480	1,877	10,807	-	1,173	2,210	1,998	5,381	-	5,623	6,691	3,875	16,189
Connecticut	-	387	665	194	1,246	1	1,148	2,280	1,722	5,150	1	1,535	2,945	1,916	6,396
Delaware	4	346	228	32	605	17	375	380	217	972	21	720	608	249	1,577
District of Columbia	-	-	-	-	-	12	3	33	396	433	12	3	33	396	433
Florida	7	6,863	2,445	436	9,744	70	7,634	7,140	3,087	17,861	77	14,498	9,585	3,523	27,606
Georgia	-	11,413	6,824	940	19,177	-	5,832	4,134	1,023	10,989	-	17,244	10,959	1,964	30,166
Hawaii	2	169	220	166	555	8	184	376	447	1,007	9	353	596	613	1,562
Idaho	4,502	3,226	919	225	4,370	1,431	308	155	81	544	5,933	3,534	1,073	306	4,914
Illinois	1	11,384	5,170	1,015	17,568	10	3,236	5,431	5,128	13,794	11	14,620	10,600	6,143	31,363
Indiana	7,635	4,968	1,430	118	6,517	6,094	1,841	585	119	2,546	13,729	6,810	2,015	237	9,063
Iowa	16,730	2,476	1,293	252	4,021	2,962	418	473	195	1,085	19,692	2,894	1,765	447	5,106
Kansas	7,895	9,701	2,602	428	12,731	3,313	561	236	91	888	11,208	10,263	2,838	519	13,619
Kentucky	262	5,064	4,618	607	10,289	753	1,174	1,525	635	3,334	1,015	6,238	6,143	1,242	13,623
Louisiana	15	3,249	3,517	1,604	8,370	99	1,533	2,482	2,199	6,214	113	4,781	5,999	3,803	14,584
Maine	5	2,741	1,701	823	5,264	3	420	402	227	1,049	7	3,160	2,103	1,050	6,313
Maryland	1	1,621	733	194	2,549	11	1,483	1,985	2,154	5,622	13	3,105	2,718	2,348	8,171
Massachusetts	511	461	306	43	810	5,591	1,380	1,564	1,243	4,187	6,102	1,841	1,870	1,286	4,997
Michigan	245	11,885	6,633	2,663	21,182	681	3,953	3,349	4,125	11,427	926	15,839	9,982	6,788	32,609
Minnesota	8	15,721	7,625	2,000	25,346	617	2,890	3,538	1,112	7,539	625	18,611	11,162	3,112	32,885
Mississippi	13	5,278	7,629	4,867	17,774	10	910	1,439	1,626	3,975	23	6,188	9,068	6,493	21,750
Missouri	4	7,435	11,669	4,914	24,017	28	1,739	2,444	2,636	6,820	32	9,174	14,113	7,550	30,837
Montana	62	6,908	3,868	1,014	11,790	10	303	348	369	1,020	73	7,211	4,215	1,383	12,810
Nebraska	1,330	8,196	2,628	551	11,374	97	983	293	205	1,481	1,427	9,179	2,921	755	12,855
Nevada	0	2,791	1,666	371	4,829	0	888	1,070	736	2,695	0	3,679	2,736	1,107	7,523
New Hampshire	0	1,231	622	293	2,147	0	620	534	323	1,478	0	1,851	1,157	616	3,625
New Jersey	-	792	502	22	1,316	1	4,728	4,023	789	9,540	1	5,520	4,525	811	10,856
New Mexico	35	3,162	3,273	2,907	9,341	68	552	1,062	1,052	2,666	103	3,714	4,334	3,959	12,007
New York	56	6,902	3,888	652	11,442	292	3,653	6,085	6,036	15,775	349	10,556	9,972	6,689	27,217
North Carolina	57	6,199	7,544	1,207	14,950	120	2,139	4,441	1,664	8,244	177	8,339	11,985	2,871	23,194
North Dakota	-	9,617	3,213	572	13,403	6	237	322	381	940	6	9,854	3,535	953	14,343
Ohio	40	11,186	4,327	666	16,179	287	4,598	5,439	3,619	13,657	327	15,784	9,767	4,285	29,836
Oklahoma	2,625	7,983	7,943	5,574	21,499	2,482	909	1,136	1,032	3,078	5,107	8,892	9,079	6,606	24,577
Oregon	76	7,827	3,330	1,189	12,347	29	3,366	1,260	410	5,036	104	11,193	4,590	1,599	17,383
Pennsylvania	349	5,927	5,493	2,819	14,239	1,176	2,785	5,520	4,613	12,918	1,524	8,712	11,013	7,432	27,157
Rhode Island	1	111	143	104	358	23	198	500	667	1,365	24	309	643	771	1,723
South Carolina	563	5,361	5,742	2,378	13,481	1,211	1,585	3,006	1,424	6,016	1,774	6,946	8,748	3,802	19,497
South Dakota	24	10,553	2,884	453	13,890	18	831	108	44	983	41	11,384	2,992	497	14,872
Tennessee	204	1,929	357	63	2,350	134	1,769	635	233	2,636	338	3,698	992	296	4,986
Texas	415	22,505	25,791	6,763	55,060	746	7,631	12,262	13,867	33,760	1,161	30,136	38,053	20,630	88,820
Utah	10	3,003	1,973	495	5,471	8	746	575	309	1,629	18	3,748	2,548	804	7,100
Vermont	1	489	78	17	585	4	124	56	24	204	5	614	134	41	788
Virginia	1,257	4,143	5,802	1,741	11,686	2,039	1,713	3,231	1,368	6,312	3,296	5,855	9,033	3,109	17,998
Washington	589	3,270	5,972	2,554	11,795	113	1,381	3,335	3,326	8,041	702	4,651	9,307	5,879	19,837
West Virginia	21	1,150	1,034	144	2,329	10	424	345	121	891	31	1,575	1,380	266	3,220
Wisconsin	1,966	9,632	5,048	2,831	17,510	699	1,204	2,552	3,276	7,032	2,666	10,837	7,600	6,107	24,543
Wyoming	56	4,229	1,334	271	5,834	38	260	124	50	434	94	4,489	1,459	321	6,268
U.S. Total	51,810	282,901	194,553	67,649	545,102	33,451	91,207	114,125	86,563	291,894	85,260	#####	308,677	154,212	836,996
Puerto Rico	10	24	96	581	700	57	74	368	2,011	2,454	67	98	464	2,592	3,154
Grand Total	51,820	282,924	194,648	68,230	545,803	33,508	91,281	114,493	88,574	294,347	85,327	#####	309,141	156,804	840,150

For footnotes, see Footnotes Page.

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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.