

NATIONAL HIGHWAY SYSTEM LENGTH - 2023
MILES BY MEASURED PAVEMENT ROUGHNESS - RURAL

TABLE HM-47b
SHEET 1 OF 2

JANUARY 2025

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)														
	INTERSTATE SYSTEM					OTHER					TOTAL				
	NOT REPORTED (2)	< 95	95-170	> 170	TOTAL REPORTED	NOT REPORTED (2)	< 95	95-170	> 170	TOTAL REPORTED	NOT REPORTED (2)	< 95	95-170	> 170	TOTAL REPORTED
Alabama	0	522	39	10	570	4	1,758	224	22	2,004	5	2,280	263	31	2,575
Alaska	-	544	349	109	1,001	278	351	215	143	710	278	895	564	252	1,711
Arizona	2	732	134	47	913	3	700	402	95	1,197	5	1,432	535	142	2,109
Arkansas	-	379	56	11	445	-	1,366	509	66	1,942	-	1,745	565	77	2,387
California	1	685	302	78	1,065	32	2,496	1,309	257	4,062	33	3,181	1,611	335	5,127
Colorado	-	392	210	47	648	-	1,675	767	134	2,576	-	2,067	977	181	3,224
Connecticut	-	28	1	0	30	-	89	58	9	156	-	117	59	9	185
Delaware	-	-	-	-	-	2	114	21	1	136	2	114	21	1	136
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	4	687	25	1	713	2	2,376	373	30	2,779	7	3,063	397	31	3,492
Georgia	-	485	49	4	538	-	2,581	632	35	3,248	-	3,066	681	39	3,786
Hawaii	-	-	-	-	-	1	34	35	10	79	1	34	35	10	79
Idaho	1	466	49	6	521	1	1,334	325	39	1,698	2	1,800	374	44	2,218
Illinois	-	1,089	123	16	1,228	1	1,505	760	185	2,449	1	2,593	883	201	3,677
Indiana	0	645	91	16	752	4	1,454	262	21	1,738	4	2,099	354	37	2,490
Iowa	-	503	98	11	611	14	1,973	1,195	241	3,410	14	2,476	1,293	252	4,021
Kansas	0	567	69	4	639	1	2,698	301	33	3,031	2	3,264	370	37	3,671
Kentucky	2	642	58	9	710	11	1,375	238	26	1,638	12	2,017	296	35	2,348
Louisiana	4	308	192	24	524	2	528	459	110	1,097	6	836	651	134	1,621
Maine	-	271	7	1	279	1	646	117	38	800	1	917	124	38	1,080
Maryland	-	122	18	2	142	1	335	47	9	390	1	457	65	11	533
Massachusetts	-	57	4	1	63	0	290	121	17	428	0	348	125	18	491
Michigan	20	467	63	12	542	36	2,108	298	44	2,450	56	2,575	361	56	2,992
Minnesota	-	512	59	3	574	8	2,474	828	116	3,419	8	2,987	887	119	3,993
Mississippi	-	505	62	10	578	0	1,208	505	108	1,821	0	1,713	568	119	2,399
Missouri	-	775	57	9	841	1	2,397	511	49	2,957	1	3,171	569	59	3,799
Montana	-	971	118	17	1,105	-	1,976	725	86	2,786	-	2,947	842	102	3,892
Nebraska	-	376	37	2	415	1	1,689	797	175	2,661	1	2,064	834	178	3,076
Nevada	-	439	15	2	457	0	1,373	181	13	1,567	0	1,812	197	15	2,024
New Hampshire	-	120	8	1	129	0	324	49	10	382	0	444	57	10	511
New Jersey	-	39	6	0	45	-	159	29	4	192	-	198	35	5	237
New Mexico	0	690	130	24	844	1	1,186	471	92	1,749	1	1,876	601	116	2,593
New York	8	655	126	17	798	36	1,505	640	90	2,235	43	2,159	767	107	3,033
North Carolina	4	749	46	8	803	23	1,897	636	51	2,583	27	2,646	682	59	3,387
North Dakota	-	472	35	2	510	-	2,457	432	57	2,946	-	2,929	467	60	3,456
Ohio	1	573	63	6	642	1	1,462	400	40	1,902	1	2,035	463	46	2,544
Oklahoma	7	560	71	11	642	22	1,455	699	134	2,288	29	2,015	770	145	2,930
Oregon	0	448	43	3	495	1	2,014	571	71	2,657	1	2,463	615	75	3,152
Pennsylvania	-	907	131	28	1,066	2	1,335	516	89	1,941	2	2,243	647	118	3,007
Rhode Island	-	17	1	0	18	1	35	47	24	107	1	52	48	24	125
South Carolina	463	-	-	-	-	5	991	397	45	1,434	468	991	397	45	1,434
South Dakota	-	559	31	2	591	-	2,217	607	65	2,890	-	2,776	638	67	3,481
Tennessee	0	603	37	4	644	1	1,329	324	61	1,714	1	1,932	361	65	2,358
Texas	1	1,653	292	21	1,965	84	6,117	2,030	167	8,313	85	7,769	2,322	188	10,279
Utah	-	604	78	3	685	0	791	370	23	1,184	0	1,394	448	26	1,868
Vermont	0	236	17	2	255	1	239	56	12	307	1	474	73	15	562
Virginia	-	460	44	3	507	-	1,096	526	39	1,661	-	1,556	570	42	2,168
Washington	-	317	73	17	407	1	1,172	647	87	1,906	1	1,489	720	104	2,313
West Virginia	-	271	43	6	320	1	541	410	71	1,023	1	812	453	78	1,343
Wisconsin	2	419	84	7	510	13	2,048	909	186	3,143	15	2,467	993	193	3,653
Wyoming	-	694	102	12	807	55	1,561	338	14	1,913	55	2,255	439	26	2,720
U.S. Total	521	24,213	3,745	630	28,588	650	70,835	23,320	3,544	97,700	1,170	95,048	27,065	4,175	126,288
Puerto Rico	4	17	17	16	50	0	5	36	27	67	4	22	52	43	117
Grand Total	525	24,231	3,761	646	28,638	650	70,839	23,356	3,571	97,767	1,175	95,070	27,117	4,218	126,405

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM LENGTH - 2019
MILES BY MEASURED PAVEMENT ROUGHNESS - URBAN

TABLE HM-47b
SHEET 2 OF 2

JANUARY 2025

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)														
	INTERSTATE SYSTEM					OTHER					TOTAL				
	NOT	< 95	95-170	> 170	TOTAL	NOT	< 95	95-170	> 170	TOTAL	NOT	< 95	95-170	> 170	TOTAL
	REPORTED (2)					REPORTED (2)					REPORTED (2)				
Alabama	1	367	49	17	432	9	952	271	58	1,281	9	1,319	320	74	1,713
Alaska	-	62	16	1	79	1	77	59	24	160	1	138	75	26	238
Arizona	6	202	35	7	243	10	349	334	148	831	16	551	369	155	1,075
Arkansas	-	236	70	17	323	1	355	215	115	685	1	591	285	132	1,008
California	0	630	490	127	1,247	48	1,354	2,847	3,720	7,920	48	1,984	3,337	3,846	9,167
Colorado	-	161	120	23	304	0	473	606	302	1,381	0	634	726	325	1,685
Connecticut	-	265	47	5	317	1	410	404	144	958	1	675	451	149	1,275
Delaware	0	26	11	3	40	4	155	75	24	253	4	180	86	27	294
District of Columbia	8	1	1	1	4	3	2	16	101	119	12	3	17	102	122
Florida	6	681	82	9	772	10	3,026	1,239	296	4,560	16	3,707	1,321	305	5,332
Georgia	-	594	104	11	709	-	1,872	727	157	2,756	-	2,466	831	168	3,465
Hawaii	-	19	27	9	55	4	103	123	90	317	4	122	150	99	371
Idaho	0	81	10	1	92	9	145	72	28	244	9	226	82	29	336
Illinois	-	743	170	45	958	1	1,034	1,291	791	3,116	1	1,778	1,461	835	4,074
Indiana	2	385	92	15	492	30	464	157	35	656	33	849	249	50	1,148
Iowa	2	114	53	8	175	9	306	428	194	929	10	420	481	202	1,103
Kansas	3	185	43	6	234	32	282	131	55	468	35	467	174	61	702
Kentucky	0	176	46	11	232	49	406	212	55	673	49	581	258	66	905
Louisiana	3	212	146	56	414	85	330	382	332	1,044	88	543	528	387	1,458
Maine	-	79	7	1	87	1	79	48	32	159	1	158	55	33	246
Maryland	0	257	56	23	336	11	619	348	326	1,293	11	875	404	349	1,629
Massachusetts	1	441	50	13	504	52	681	862	751	2,294	53	1,123	912	763	2,799
Michigan	31	473	132	40	645	516	832	898	486	2,217	547	1,306	1,030	526	2,862
Minnesota	2	263	69	6	338	1	589	281	49	919	3	852	350	56	1,257
Mississippi	-	198	44	12	254	5	429	372	191	992	5	626	416	203	1,245
Missouri	-	441	85	17	544	3	761	433	188	1,383	3	1,203	519	205	1,926
Montana	-	77	8	2	87	-	99	70	38	206	-	176	78	39	293
Nebraska	-	51	17	1	69	5	118	163	177	457	5	168	180	178	526
Nevada	-	123	35	4	162	0	233	137	48	418	0	356	171	53	580
New Hampshire	-	94	2	0	96	-	227	71	26	324	-	321	74	26	420
New Jersey	-	303	59	24	387	0	1,008	727	602	2,337	0	1,312	786	626	2,724
New Mexico	-	124	25	7	155	4	175	142	59	376	4	299	167	66	532
New York	15	580	251	81	912	128	1,063	1,455	1,376	3,894	143	1,644	1,707	1,456	4,807
North Carolina	13	512	83	17	611	35	685	766	209	1,659	49	1,197	849	225	2,271
North Dakota	-	52	9	0	61	1	87	78	39	204	1	139	87	39	265
Ohio	1	755	154	28	937	15	997	790	416	2,202	16	1,752	943	444	3,140
Oklahoma	1	190	76	16	282	9	319	252	96	667	11	509	327	112	949
Oregon	-	194	34	6	234	15	394	352	173	919	15	588	387	178	1,153
Pennsylvania	-	599	154	45	797	3	1,139	1,444	837	3,420	3	1,737	1,597	883	4,217
Rhode Island	0	47	4	1	52	7	102	145	168	415	7	149	149	168	467
South Carolina	388	-	-	-	-	7	658	525	124	1,306	394	658	525	124	1,306
South Dakota	-	67	19	1	88	3	54	68	32	154	3	121	87	33	241
Tennessee	0	495	53	9	557	3	1,237	575	230	2,042	4	1,731	628	239	2,598
Texas	6	956	481	68	1,505	80	2,638	2,525	1,379	6,542	86	3,594	3,006	1,447	8,047
Utah	0	179	69	6	253	2	404	239	59	702	2	583	308	65	956
Vermont	0	56	8	0	64	3	46	26	14	86	3	102	34	15	150
Virginia	-	467	127	16	610	1	729	833	302	1,864	1	1,196	960	318	2,474
Washington	0	263	81	13	356	12	613	719	540	1,872	12	876	800	553	2,228
West Virginia	-	181	46	9	236	3	195	166	45	406	3	376	213	53	642
Wisconsin	4	219	127	17	362	46	445	815	636	1,896	50	664	941	653	2,258
Wyoming	-	75	22	8	106	6	95	54	25	174	6	171	76	33	280
U.S. Total	495	13,952	3,997	862	18,811	1,283	29,843	25,968	16,338	72,150	1,778	43,795	29,966	17,200	90,960
Puerto Rico	6	53	109	63	225	8	21	130	245	396	14	74	239	308	621
Grand Total	501	14,004	4,106	925	19,035	1,291	29,864	26,098	16,583	72,546	1,792	43,868	30,205	17,508	91,581

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM LENGTH - 2023

MILES BY MEASURED PAVEMENT ROUGHNESS

HM-47b 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.
- (2) May include sections entirely on structures and unpaved miles.