

NATIONAL HIGHWAY SYSTEM TRAVEL - 2018
DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS - RURAL

HM-47A
SHEET 2 OF 4

August 30, 2019

(THOUSANDS)

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)									
	TOTAL RURAL NHS									
	NOT REPORTED (2)	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	TOTAL REPORTED
Alabama	108	21,033	8,528	1,602	921	447	204	138	156	33,030
Alaska	66	822	1,325	407	244	153	81	53	74	3,159
Arizona	368	14,839	7,646	2,751	1,446	706	384	184	154	28,111
Arkansas	1	9,040	8,170	2,583	1,409	813	327	212	164	22,719
California	562	29,095	31,827	11,838	6,294	3,299	1,646	797	1,057	85,854
Colorado	-	5,713	11,598	4,896	1,867	910	563	291	159	25,998
Connecticut	-	1,365	1,166	406	216	110	52	26	18	3,359
Delaware	39	531	1,527	511	175	60	42	13	1	2,861
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	23	37,645	17,352	2,549	979	412	178	91	97	59,303
Georgia	-	15,446	17,718	4,264	1,714	744	343	140	169	40,539
Hawaii	-	20	338	226	132	108	60	35	42	961
Idaho	1,162	6,586	4,552	1,152	495	218	79	40	43	13,165
Illinois	24	17,421	12,111	3,727	1,739	1,047	462	276	265	37,048
Indiana	473	18,159	9,679	3,507	1,904	1,074	606	509	529	35,968
Iowa	573	10,290	11,077	4,806	2,352	995	452	282	348	30,602
Kansas	-	12,898	7,073	1,607	625	293	119	55	38	22,709
Kentucky	120	23,611	8,906	2,096	1,074	632	237	84	133	36,773
Louisiana	670	8,248	8,076	4,395	2,710	1,411	676	321	457	26,294
Maine	1	5,630	3,111	966	498	300	170	130	214	11,019
Maryland	11	6,173	4,822	890	404	208	86	97	106	12,786
Massachusetts	1	1,827	1,747	525	294	153	77	45	67	4,736
Michigan	56	12,298	13,767	4,349	2,239	1,175	559	347	284	35,019
Minnesota	1	11,623	12,239	3,442	1,790	958	455	247	236	30,989
Mississippi	-	12,822	8,338	2,748	1,717	1,008	471	193	147	27,444
Missouri	0	25,290	12,469	2,441	985	465	190	88	66	41,995
Montana	-	6,218	5,694	1,276	553	280	116	53	107	14,298
Nebraska	901	6,834	6,098	1,759	933	487	238	115	157	16,623
Nevada	2	9,510	1,340	303	140	64	47	25	9	11,437
New Hampshire	-	4,571	1,543	364	181	99	48	28	49	6,884
New Jersey	-	1,895	2,983	679	381	259	106	123	110	6,535
New Mexico	-	12,060	5,758	1,625	733	421	184	116	126	21,022
New York	267	7,785	12,928	4,459	2,153	1,034	484	263	308	29,412
North Carolina	49	22,124	15,782	3,897	1,717	849	407	187	170	45,133
North Dakota	-	4,887	4,212	915	292	113	44	30	38	10,531
Ohio	-	20,642	14,480	4,133	1,711	848	383	193	211	42,600
Oklahoma	756	8,981	12,371	3,680	1,803	1,072	535	385	419	29,248
Oregon	-	10,090	9,232	2,139	807	345	132	61	50	22,856
Pennsylvania	-	17,765	17,981	5,031	2,886	1,303	647	493	532	46,638
Rhode Island	7	791	201	145	149	121	77	53	122	1,659
South Carolina	-	17,034	11,887	3,634	1,809	869	374	207	151	35,964
South Dakota	48	3,308	5,259	1,319	628	296	148	87	51	11,096
Tennessee	176	24,096	8,653	1,651	858	448	205	119	49	36,077
Texas	377	46,233	45,484	13,704	5,290	2,364	890	383	380	114,729
Utah	27	6,868	5,578	1,642	510	237	79	45	36	14,995
Vermont	6	2,913	1,639	358	179	99	56	37	60	5,341
Virginia	30	14,478	22,864	5,021	1,602	638	203	93	59	44,959
Washington	-	8,493	9,871	3,103	1,525	1,011	468	397	449	25,318
West Virginia	117	5,049	4,578	1,497	775	419	228	101	120	12,768
Wisconsin	26	13,145	11,545	6,167	4,291	2,293	962	554	525	39,484
Wyoming	23	6,013	3,742	1,072	449	191	73	29	49	11,619
U.S. Total	7,072	590,209	466,866	138,258	66,576	33,857	15,656	8,874	9,367	1,329,663
Puerto Rico	7	26	291	254	158	182	158	199	498	1,766
Grand Total	7,079	590,235	467,156	138,512	66,734	34,039	15,813	9,072	9,865	1,331,428

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM TRAVEL - 2018

DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS - URBAN

HM-47A
SHEET 4 OF 4

August 30, 2019

(THOUSANDS)

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)									
	TOTAL URBAN NHS									
	NOT REPORTED (2)	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	TOTAL REPORTED
Alabama	162	23,202	14,502	5,061	3,281	2,345	1,599	897	1,099	51,985
Alaska	13	1,303	1,308	759	440	373	166	144	248	4,740
Arizona	2,137	23,756	18,165	6,379	4,064	2,836	1,696	1,181	1,011	59,088
Arkansas	11	6,165	8,522	4,462	2,736	2,031	1,144	861	938	26,858
California	3,374	66,394	140,287	88,063	69,006	51,028	32,358	25,545	49,393	522,073
Colorado	11	8,903	22,606	12,221	9,495	5,823	3,260	2,147	3,626	68,081
Connecticut	-	16,088	16,684	6,319	3,824	2,537	1,237	853	1,544	49,086
Delaware	27	1,524	5,596	2,286	1,166	757	546	218	462	12,555
District of Columbia	30	-	235	-	1,149	3	1,317	9	2,557	5,269
Florida	71	84,511	101,515	28,560	14,669	9,084	4,382	2,828	3,648	249,197
Georgia	44	53,036	41,197	13,612	7,078	3,983	2,305	1,394	1,983	124,588
Hawaii	-	440	2,423	2,430	2,007	2,293	1,146	727	1,344	12,809
Idaho	1,509	3,579	2,945	923	583	398	201	138	173	8,939
Illinois	371	20,066	44,647	19,006	14,210	10,318	6,833	4,894	8,522	128,496
Indiana	799	14,120	11,362	6,851	4,534	2,812	1,577	942	1,125	43,323
Iowa	693	4,334	5,351	3,127	2,147	1,360	778	666	1,417	19,179
Kansas	29	8,057	5,596	2,683	1,779	1,032	592	268	344	20,350
Kentucky	799	12,453	10,038	3,985	2,959	1,571	869	493	643	33,011
Louisiana	2,364	8,945	10,855	6,599	6,198	5,954	4,017	2,861	4,600	50,028
Maine	1	2,363	1,461	695	495	351	158	90	294	5,908
Maryland	313	28,044	32,135	9,957	5,592	4,178	2,554	2,403	5,396	90,258
Massachusetts	481	39,443	19,715	8,995	7,245	7,201	5,010	4,050	11,041	102,701
Michigan	208	13,956	40,181	18,501	12,917	9,486	6,449	5,079	9,350	115,917
Minnesota	47	11,794	20,357	8,087	4,119	2,410	1,290	751	1,001	49,808
Mississippi	-	9,220	7,133	3,726	2,441	1,612	1,012	621	1,379	27,144
Missouri	9	28,832	20,666	7,401	4,676	3,362	1,695	1,181	1,729	69,541
Montana	60	1,079	1,435	658	433	322	213	173	416	4,728
Nebraska	1,821	1,742	3,512	1,737	1,137	873	670	536	1,629	11,837
Nevada	224	8,325	7,419	4,266	3,191	1,661	801	493	509	26,665
New Hampshire	1	8,551	2,710	714	446	265	207	114	364	13,370
New Jersey	-	29,453	41,207	14,140	9,533	7,720	5,564	4,255	11,221	123,093
New Mexico	-	6,137	3,173	1,562	1,113	744	397	293	609	14,028
New York	8,916	13,404	43,552	25,729	17,971	14,137	9,625	7,657	20,265	152,339
North Carolina	804	35,761	36,461	16,413	9,443	5,541	2,730	1,542	2,195	110,087
North Dakota	0	511	1,316	704	530	288	204	107	303	3,965
Ohio	-	35,900	37,336	14,236	8,726	6,099	3,473	2,583	5,302	113,655
Oklahoma	487	6,713	11,043	4,549	2,937	2,075	1,245	818	949	30,328
Oregon	24	9,590	12,087	4,798	3,009	2,037	1,440	953	1,281	35,195
Pennsylvania	-	20,890	33,290	16,959	12,327	8,854	5,773	4,064	7,528	109,685
Rhode Island	287	2,712	3,822	1,430	1,252	1,000	785	650	1,888	13,540
South Carolina	-	12,735	14,775	7,756	5,245	3,204	1,540	885	1,043	47,184
South Dakota	105	414	1,570	532	388	285	189	147	105	3,632
Tennessee	116	37,505	24,687	9,527	5,405	3,217	2,243	1,198	2,357	86,139
Texas	6,160	52,388	107,211	60,817	42,499	28,010	15,820	9,787	20,672	337,204
Utah	179	7,514	16,312	6,835	3,923	2,342	865	543	623	38,959
Vermont	21	1,079	839	271	175	104	49	53	105	2,675
Virginia	540	16,887	38,296	16,230	9,842	6,867	3,697	2,330	2,186	96,335
Washington	-	15,559	24,279	10,991	7,611	5,147	3,671	3,160	7,396	77,813
West Virginia	66	5,366	5,042	2,222	1,383	907	513	371	467	16,271
Wisconsin	393	9,728	12,862	8,432	7,370	5,850	3,143	2,275	4,481	54,140
Wyoming	10	746	981	553	334	213	133	111	248	3,319
U.S. Total	33,719	831,215	1,090,697	502,751	345,030	242,899	149,180	106,342	209,007	3,477,121
Puerto Rico	572	139	2,960	2,782	3,115	2,998	2,251	2,261	6,649	23,154
Grand Total	34,291	831,354	1,093,656	505,532	348,146	245,897	151,431	108,603	215,656	3,500,275

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM TRAVEL - 2018

DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS

HM-47A 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. Travel is in thousands.
- (2) May include sections entirely on structures and unpaved miles.

