

NATIONAL HIGHWAY SYSTEM TRAVEL - 2011 DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS - RURAL

HM-47A
SHEET 1 OF 4

JANUARY 2013

(THOUSANDS)

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) 1/																			
	INTERSTATE SYSTEM										OTHER									
	NOT REPORTED 2/	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	TOTAL REPORTED	NOT REPORTED 2/	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	TOTAL REPORTED
Alabama	6	9,751	4,037	736	578	245	119	90	93	15,650	41	8,769	5,517	976	419	178	74	35	42	16,010
Alaska	-	525	873	463	273	142	54	28	21	2,380	27	68	319	141	89	78	32	16	19	762
Arizona	1,173	8,746	6,952	1,383	492	251	92	47	43	18,006	1,176	2,770	2,150	632	274	99	49	27	-	6,003
Arkansas	5	5,699	3,876	1,137	538	344	166	193	161	12,113	151	1,907	4,371	1,823	1,143	610	284	135	68	10,340
California	3,654	6,897	14,859	8,303	5,120	2,765	1,757	1,124	1,934	42,760	3,833	3,953	14,571	6,943	4,007	2,899	1,554	1,285	395	35,607
Colorado	-	1,932	5,658	2,673	776	551	137	36	8	11,772	-	1,279	4,477	2,470	953	309	86	24	21	9,620
Connecticut	-	16	1,320	480	-	99	-	-	-	1,915	-	174	893	578	284	158	13	36	6	2,140
Delaware	-	-	-	-	-	-	-	-	-	-	68	335	2,151	588	181	22	23	11	26	3,336
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	92	15,282	9,227	855	267	94	42	2	7	25,777	406	8,210	6,974	1,002	453	243	86	38	75	17,081
Georgia	120	12,032	10,235	2,345	1,270	193	41	-	41	26,157	1,087	6,361	9,863	958	358	60	4	12	2	17,617
Hawaii	-	6	73	77	62	44	12	10	17	301	35	63	274	220	182	130	80	62	143	1,154
Idaho	-	4,992	809	159	43	16	2	2	-	6,023	35	3,391	1,475	240	97	33	15	11	8	5,270
Illinois	-	9,257	10,346	2,698	360	1,727	-	-	5	24,393	45	821	3,624	1,678	747	486	153	103	56	7,668
Indiana	2,153	8,414	5,181	1,678	992	692	314	293	427	17,991	4	4,991	3,691	922	354	198	101	61	131	10,449
Iowa	288	3,679	6,430	2,424	435	49	-	-	-	13,017	752	1,408	3,742	2,970	1,433	685	186	54	25	10,502
Kansas	-	3,925	3,225	1,144	369	102	-	-	-	8,764	217	2,950	5,908	1,244	321	108	33	9	-	10,574
Kentucky	1,646	10,553	5,822	1,119	446	248	131	84	71	18,473	1,178	6,190	5,419	1,470	662	283	132	56	57	14,269
Louisiana	-	3,919	4,644	3,165	1,202	1,654	10	34	-	14,630	7	353	3,507	1,827	816	926	235	456	150	8,270
Maine	-	3,059	2,259	427	288	11	-	3	-	6,047	0	359	2,432	1,436	417	321	100	70	17	5,151
Maryland	35	4,442	4,079	476	226	192	72	27	73	9,587	143	4,209	3,463	774	385	195	93	50	81	9,250
Massachusetts	62	1,332	1,475	320	161	75	37	22	29	3,452	240	416	480	429	257	107	32	9	15	1,747
Michigan	-	3,871	6,662	1,960	936	574	261	142	102	14,509	1	7,332	5,511	1,921	847	441	175	97	187	16,512
Minnesota	-	2,612	4,965	1,923	807	463	290	157	69	11,286	29	3,855	5,951	2,506	1,496	965	581	267	235	15,856
Mississippi	-	3,163	4,974	1,209	364	342	280	-	-	10,332	3	3,588	7,167	1,256	806	687	93	341	1	13,939
Missouri	1	8,438	6,954	589	148	106	53	20	28	16,336	16	8,176	9,082	1,600	559	238	99	47	39	19,840
Montana	-	2,071	3,367	692	371	119	41	18	32	6,710	-	1,709	3,188	666	321	149	63	38	84	6,216
Nebraska	-	2,753	3,327	711	347	-	-	-	-	7,138	-	1,587	3,645	1,360	532	325	178	228	87	7,944
Nevada	4,575	16	552	59	-	-	-	-	-	626	2,796	523	734	21	19	-	-	-	-	1,297
New Hampshire	-	2,752	537	74	37	12	21	-	-	3,433	-	1,210	1,975	414	279	153	86	69	4	4,190
New Jersey	-	1,392	2,046	365	100	100	28	57	49	4,138	1	493	1,884	1,012	656	401	249	161	157	5,012
New Mexico	-	6,851	4,302	458	170	190	1	17	-	11,988	-	3,466	3,200	609	274	98	80	18	2	7,778
New York	-	4,041	9,782	1,674	866	229	71	91	98	16,852	17	793	5,181	2,624	928	317	111	81	102	10,138
North Carolina	250	8,176	5,766	1,102	656	305	156	63	88	16,312	296	4,794	11,105	2,881	1,252	549	240	128	156	21,106
North Dakota	-	1,769	2,420	232	-	-	-	-	-	4,420	-	1,802	2,809	566	238	74	8	-	1	5,499
Ohio	-	8,149	12,800	2,788	675	212	46	27	2	24,699	-	3,997	8,770	2,563	553	317	124	22	26	16,372
Oklahoma	-	5,033	6,183	1,768	435	402	82	19	9	13,931	-	1,689	5,676	2,637	1,385	704	448	189	193	12,923
Oregon	-	2,384	6,344	2,448	85	53	4	-	-	11,319	0	2,014	5,703	2,163	678	569	93	22	10	11,253
Pennsylvania	78	10,321	12,713	3,931	1,455	245	42	13	51	28,770	190	3,065	7,146	2,900	1,339	619	158	103	57	15,386
Rhode Island	-	587	505	-	-	-	-	-	-	1,091	1	-	-	47	120	51	18	46	76	359
South Carolina	-	6,451	11,212	2,117	604	55	-	-	3	20,442	-	906	5,106	1,479	598	122	5	10	10	8,236
South Dakota	472	802	3,283	681	108	228	-	11	1	5,115	267	642	2,145	658	361	123	33	11	1	3,975
Tennessee	31	20,552	2,322	457	189	80	49	10	10	23,668	70	6,909	4,568	988	428	175	80	47	19	13,215
Texas	177	12,926	21,973	5,361	1,256	556	239	59	53	42,422	588	8,606	21,414	10,134	4,146	1,380	449	121	70	46,321
Utah	-	2,660	3,918	881	504	443	65	-	14	8,485	2	279	2,028	898	459	189	110	32	13	4,007
Vermont	3	2,132	1,089	120	43	22	14	3	4	3,427	1	259	988	294	155	99	49	40	70	1,954
Virginia	-	5,379	16,341	2,368	881	104	1	-	-	25,075	22	1,711	9,998	2,864	879	75	131	15	1	15,675
Washington	-	3,809	4,516	1,816	981	546	332	306	225	12,531	-	1,954	6,134	2,190	442	214	141	98	66	11,240
West Virginia	-	966	5,413	410	260	124	-	209	32	7,415	87	266	3,698	1,483	827	232	89	43	36	6,675
Wisconsin	-	2,297	6,673	2,431	1,708	790	196	106	51	14,252	-	2,934	6,310	5,348	3,179	1,402	440	172	129	19,913
Wyoming	0	2,114	3,283	939	179	64	-	-	-	6,579	141	389	2,329	1,110	235	81	16	22	22	4,202
U.S. Total	14,821	248,925	275,603	71,629	28,064	15,859	5,258	3,322	3,851	652,511	13,972	#####	238,776	84,516	37,823	18,879	7,710	5,027	3,192	529,854
Puerto Rico 3/	-	-	52	362	107	368	149	93	205	1,337	-	-	29	26	118	3	-	-	-	177
Grand Total	14,821	248,925	275,655	71,991	28,171	16,227	5,408	3,415	4,056	653,848	13,972	#####	238,805	84,542	37,941	18,882	7,710	5,027	3,192	530,030

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM TRAVEL - 2011
DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS - RURAL

HM-47A
SHEET 2 OF 4

JANUARY 2013

(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	47	18,521	9,554	1,713	997	423	193	125	135	31,660
Alaska	27	594	1,192	604	362	221	86	44	41	3,143
Arizona	2,348	11,516	9,102	2,015	766	350	142	74	43	24,009
Arkansas	156	7,605	8,246	2,960	1,680	955	450	328	229	22,453
California	7,487	10,850	29,430	15,247	9,127	5,664	3,311	2,409	2,329	78,366
Colorado	-	3,211	10,135	5,143	1,730	861	223	60	29	21,392
Connecticut	-	190	2,213	1,058	284	257	13	36	6	4,056
Delaware	68	335	2,151	588	181	22	23	11	26	3,336
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	499	23,492	16,201	1,858	720	337	129	40	82	42,858
Georgia	1,207	18,394	20,099	3,303	1,628	252	44	12	43	43,775
Hawaii	35	69	347	297	244	174	92	72	160	1,455
Idaho	35	8,383	2,284	400	140	49	17	13	8	11,293
Illinois	45	10,078	13,970	4,376	1,107	2,213	153	103	62	32,061
Indiana	2,157	13,405	8,872	2,601	1,346	890	414	353	558	28,440
Iowa	1,040	5,087	10,172	5,394	1,868	734	186	54	25	23,520
Kansas	217	6,876	9,132	2,388	690	210	33	9	-	19,338
Kentucky	2,824	16,744	11,241	2,589	1,108	531	263	140	127	32,742
Louisiana	7	4,272	8,151	4,993	2,018	2,580	245	491	150	22,900
Maine	0	3,418	4,691	1,863	704	332	100	73	17	11,198
Maryland	179	8,650	7,542	1,250	611	387	165	77	155	18,837
Massachusetts	302	1,748	1,955	750	418	182	69	31	44	5,198
Michigan	1	11,204	12,173	3,881	1,783	1,015	436	239	290	31,020
Minnesota	29	6,468	10,915	4,430	2,303	1,428	871	424	304	27,142
Mississippi	3	6,751	12,141	2,466	1,170	1,029	373	341	1	24,271
Missouri	17	16,614	16,036	2,189	708	344	152	67	67	36,177
Montana	-	3,779	6,555	1,358	692	268	104	55	116	12,927
Nebraska	-	4,340	6,972	2,071	879	325	178	228	87	15,082
Nevada	7,371	539	1,286	80	19	-	-	-	-	1,923
New Hampshire	-	3,962	2,512	488	316	165	106	69	4	7,624
New Jersey	1	1,885	3,930	1,377	756	501	277	218	206	9,151
New Mexico	-	10,317	7,532	1,067	443	288	81	35	2	19,766
New York	17	4,834	14,963	4,298	1,794	547	183	172	200	26,990
North Carolina	546	12,970	16,871	3,983	1,908	855	396	191	244	37,419
North Dakota	-	3,571	5,229	798	238	74	8	-	1	9,920
Ohio	-	12,146	21,570	5,351	1,229	528	169	49	28	41,071
Oklahoma	-	6,722	11,859	4,406	1,820	1,106	530	208	203	26,854
Oregon	0	4,399	12,047	4,612	763	623	97	22	10	22,572
Pennsylvania	268	13,386	19,859	6,831	2,794	863	200	116	108	44,156
Rhode Island	1	587	505	47	120	51	18	46	76	1,450
South Carolina	-	7,357	16,318	3,596	1,202	177	5	10	13	28,678
South Dakota	739	1,444	5,428	1,340	469	352	33	22	3	9,089
Tennessee	101	27,461	6,890	1,445	617	255	129	56	29	36,883
Texas	764	21,533	43,387	15,495	5,402	1,936	688	180	123	88,743
Utah	2	2,939	5,946	1,779	963	632	175	32	27	12,492
Vermont	4	2,392	2,077	414	198	122	63	43	74	5,381
Virginia	22	7,091	26,339	5,233	1,760	179	132	15	1	40,749
Washington	-	5,763	10,651	4,006	1,424	760	474	404	290	23,772
West Virginia	87	1,232	9,111	1,893	1,087	357	89	252	68	14,089
Wisconsin	-	5,231	12,983	7,779	4,887	2,192	636	278	179	34,165
Wyoming	141	2,503	5,611	2,049	414	145	16	22	22	10,781
U.S. Total	28,793	382,856	514,379	156,145	65,887	34,738	12,968	8,349	7,043	1,182,365
Puerto Rico 3/	-	-	82	388	225	371	149	93	205	1,513
Grand Total	28,793	382,856	514,460	156,532	66,112	35,110	13,117	8,442	7,249	1,183,878

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM TRAVEL - 2011
DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS - URBAN

HM-47A

JANUARY 2013

(THOUSANDS)

SHEET 3 OF 4

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) 1/																				
	INTERSTATE SYSTEM										OTHER										
	NOT REPORTED 2/	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	TOTAL REPORTED	NOT REPORTED 2/	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	TOTAL REPORTED	
Alabama	19	7,640	5,515	2,193	1,915	1,207	826	569	527	20,392	150	6,267	5,580	1,740	983	532	194	149	156	15,601	
Alaska	-	698	587	326	133	23	24	-	12	1,803	4	76	227	189	313	92	52	24	57	1,029	
Arizona	11,206	2,880	1,754	262	116	57	60	61	63	5,253	22,615	393	857	423	580	874	1,037	388	545	5,097	
Arkansas	21	2,456	3,307	1,866	1,252	956	544	394	336	11,110	246	487	1,738	889	546	509	401	267	236	5,075	
California	32,050	5,207	43,459	31,902	22,390	17,562	13,114	9,642	9,258	152,534	19,738	3,805	34,242	25,821	17,430	11,806	8,981	4,764	5,736	112,585	
Colorado	-	1,719	9,316	4,866	3,390	911	564	11	-	20,778	-	866	6,128	4,436	5,371	2,602	1,669	897	1,088	23,056	
Connecticut	-	3,567	12,961	4,383	2,798	1,369	357	316	363	26,114	-	831	4,773	3,065	2,442	1,454	792	490	575	14,422	
Delaware	-	240	1,642	930	227	212	28	150	30	3,460	62	293	1,738	904	375	362	107	95	181	4,054	
Dist. of Columbia	385	-	-	76	127	80	170	154	172	780	34	-	1	141	190	145	187	323	1,393	2,380	
Florida	1,964	24,321	31,248	5,905	2,920	1,382	769	355	306	67,206	1,446	15,141	25,016	5,981	2,806	1,559	742	569	662	52,477	
Georgia	15,867	17,646	13,547	3,279	1,280	94	-	-	-	35,846	1,683	7,367	10,421	3,308	765	310	38	22	32	22,261	
Hawaii	14	384	869	638	644	649	505	390	714	4,794	188	560	1,007	703	578	409	271	202	488	4,219	
Idaho	-	2,580	818	107	11	2	2	-	-	3,520	191	587	344	219	133	77	22	19	31	1,431	
Illinois	-	5,348	18,494	9,365	3,056	22,486	305	-	1,575	60,628	1,657	964	7,692	6,592	7,984	6,012	3,696	2,333	5,315	40,588	
Indiana	1,832	7,125	8,495	3,800	2,001	1,448	890	642	557	24,957	108	2,172	3,142	1,511	1,110	777	507	429	807	10,454	
Iowa	157	664	3,531	1,304	658	357	226	154	-	6,892	422	127	1,050	1,426	1,182	320	413	312	258	5,087	
Kansas	-	1,571	3,840	2,396	1,660	453	37	-	-	9,957	60	618	3,990	593	445	91	88	21	17	5,863	
Kentucky	2,829	5,389	5,371	1,502	602	416	197	97	183	13,757	1,360	1,916	2,949	1,158	669	389	199	106	225	7,610	
Louisiana	-	1,568	4,398	5,951	2,473	3,427	1,422	675	120	20,035	720	480	2,760	2,785	2,175	2,131	1,593	1,791	1,107	14,822	
Maine	-	700	921	570	8	-	4	1	-	2,205	-	52	483	329	447	267	121	131	112	1,942	
Maryland	298	13,363	14,082	3,238	1,900	1,135	881	710	1,248	36,557	2,840	4,003	7,464	2,800	2,118	1,357	1,000	541	1,431	20,714	
Massachusetts	1,280	16,542	15,500	3,327	1,478	1,084	775	602	1,213	40,520	5,701	4,288	7,240	3,255	2,989	2,639	1,894	1,430	3,706	27,439	
Michigan	-	9,024	17,501	7,147	3,421	2,306	1,387	785	651	42,222	13	3,882	12,157	8,125	4,457	3,075	1,995	2,537	4,383	40,610	
Minnesota	151	2,483	9,594	4,057	2,827	2,126	996	193	105	22,383	617	1,473	7,117	3,815	2,546	1,140	763	398	166	17,417	
Mississippi	-	1,055	4,689	1,971	643	658	23	-	-	9,038	7	1,431	3,324	1,398	602	367	375	171	138	7,806	
Missouri	17	15,546	13,104	2,498	1,082	718	389	352	528	34,218	270	4,603	8,064	2,770	1,539	685	465	219	278	18,623	
Montana	-	337	553	30	51	10	5	1	3	989	-	59	336	313	168	91	98	31	102	1,199	
Nebraska	-	236	1,821	953	490	200	40	-	-	3,740	72	225	940	278	322	1,645	777	643	748	5,578	
Nevada	8,428	315	507	153	-	3	-	-	-	978	4,902	472	420	86	34	6	-	6	-	1,025	
New Hampshire	-	2,375	1,787	116	7	-	-	-	-	4,286	5	1,907	1,553	346	222	97	61	33	40	4,258	
New Jersey	1,404	8,210	11,635	5,574	3,404	1,970	1,540	1,185	1,888	35,406	291	4,818	17,960	12,805	7,907	5,439	3,633	2,914	5,553	61,029	
New Mexico	-	3,098	2,533	761	776	51	-	11	3	7,233	113	660	1,451	425	511	300	98	74	171	3,691	
New York	213	3,886	24,744	9,912	4,261	3,868	1,689	2,071	4,202	54,633	493	1,460	16,915	13,530	11,607	7,679	5,910	3,877	9,569	70,546	
North Carolina	542	15,452	16,310	4,981	2,269	1,182	595	156	119	41,065	561	5,265	11,913	4,210	2,286	1,151	550	300	473	26,149	
North Dakota	-	397	766	22	-	-	-	-	-	1,185	-	86	263	208	204	92	34	-	7	893	
Ohio	-	12,326	30,220	11,255	3,941	1,938	717	633	268	61,299	4	1,674	12,052	5,116	3,738	2,002	848	574	924	26,927	
Oklahoma	-	1,905	5,186	2,243	1,610	483	509	485	691	13,113	-	660	4,644	2,084	1,199	646	256	269	279	10,037	
Oregon	-	554	8,309	2,377	273	567	157	-	32	12,269	208	684	2,683	2,831	1,503	969	337	195	204	9,405	
Pennsylvania	742	7,000	14,696	7,670	3,130	1,706	684	263	55	35,203	1,620	3,108	12,073	9,378	6,356	4,297	2,406	1,413	1,672	40,703	
Rhode Island	-	422	2,869	1,204	68	148	34	29	-	4,773	12	208	1,165	913	666	385	271	209	310	4,126	
South Carolina	-	5,770	6,932	1,767	1,220	518	354	94	69	16,726	-	1,308	5,353	4,106	2,153	895	307	206	139	14,467	
South Dakota	152	-	995	215	116	116	24	49	-	1,563	60	6	131	158	169	93	47	18	5	626	
Tennessee	77	20,209	7,591	1,988	886	494	210	204	533	32,115	265	5,869	6,220	2,394	1,391	905	496	326	468	18,070	
Texas	2,020	9,314	39,540	27,862	16,484	8,771	3,757	1,583	766	108,077	6,438	6,202	35,653	32,328	26,200	17,032	7,239	5,131	4,404	134,188	
Utah	-	4,314	5,035	4,569	2,462	507	54	10	-	16,950	365	728	2,525	1,390	975	827	268	114	82	6,908	
Vermont	-	716	231	30	12	15	9	3	16	1,031	25	17	184	94	83	75	56	44	131	684	
Virginia	308	2,962	16,961	12,486	5,095	2,226	233	388	190	40,540	1,400	1,669	11,110	7,843	5,202	3,544	1,557	971	804	32,700	
Washington	0	4,261	13,881	3,995	2,462	2,040	1,878	707	563	29,788	5	2,254	7,041	3,194	1,915	943	921	579	1,602	18,449	
West Virginia	-	1,348	4,949	693	159	137	80	-	1	7,366	-	241	1,740	652	505	261	111	108	117	3,736	
Wisconsin	-	1,531	5,012	4,863	1,867	624	206	160	-	14,263	-	509	4,432	4,851	4,275	3,310	1,889	1,407	1,554	22,228	
Wyoming	23	92	674	428	43	26	65	0	-	1,328	30	25	195	208	107	72	3	4	52	666	
U.S. Total	81,998	256,747	468,280	210,003	110,100	88,769	37,331	24,284	27,363	1,222,877	77,002	#####	#####	194,115	140,471	92,737	55,772	38,070	58,534	1,000,949	
Puerto Rico 3/	30	-	1,595	4,260	3,103	2,933	1,660	346	294	14,191	41	-	15	267	780	1,462	1,050	531	869	4,974	
Grand Total	82,028	256,747	469,875	214,263	113,203	91,701	38,992	24,630	27,657	1,237,068	77,044	#####	#####	194,382	141,252	94,198	56,822	38,601	59,403	1,005,923	

For footnotes, see Footnote Page.

NATIONAL HIGHWAY SYSTEM TRAVEL - 2011
DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS - URBAN

JANUARY 2013		(THOUSANDS)									HM-47A SHEET 4 OF 4
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	169	13,907	11,095	3,933	2,897	1,740	1,020	718	683	35,993	
Alaska	4	774	814	515	446	115	76	24	69	2,833	
Arizona	33,821	3,272	2,611	684	697	931	1,097	450	608	10,350	
Arkansas	267	2,943	5,045	2,755	1,798	1,465	945	661	572	16,185	
California	51,788	9,013	77,701	57,723	39,820	29,368	22,095	14,406	14,994	265,119	
Colorado	-	2,585	15,444	9,302	8,761	3,513	2,233	908	1,088	43,834	
Connecticut	-	4,398	17,734	7,448	5,240	2,823	1,148	806	938	40,536	
Delaware	62	533	3,379	1,834	602	573	136	245	211	7,514	
Dist. of Columbia	419	-	1	217	317	226	357	477	1,565	3,160	
Florida	3,410	39,462	56,264	11,886	5,726	2,942	1,511	924	968	119,683	
Georgia	17,550	25,013	23,967	6,587	2,045	404	38	22	32	58,108	
Hawaii	202	944	1,877	1,341	1,222	1,058	777	592	1,202	9,013	
Idaho	191	3,167	1,162	325	144	79	24	19	31	4,951	
Illinois	1,657	6,312	26,186	15,957	11,041	28,498	4,001	2,333	6,890	101,216	
Indiana	1,940	9,297	11,636	5,311	3,111	2,225	1,396	1,071	1,364	35,411	
Iowa	579	791	4,581	2,729	1,839	677	639	465	258	11,979	
Kansas	60	2,189	7,831	2,989	2,105	544	125	21	17	15,820	
Kentucky	4,189	7,305	8,319	2,660	1,271	805	396	203	409	21,367	
Louisiana	720	2,048	7,158	8,736	4,648	5,558	3,015	2,466	1,227	34,856	
Maine	-	752	1,404	899	455	267	125	133	112	4,147	
Maryland	3,139	17,366	21,546	6,037	4,018	2,492	1,881	1,251	2,679	57,271	
Massachusetts	6,981	20,830	22,739	6,582	4,467	3,723	2,669	2,031	4,919	67,959	
Michigan	13	12,906	29,659	15,272	7,877	5,381	3,382	3,322	5,034	82,832	
Minnesota	768	3,956	16,711	7,872	5,373	3,266	1,759	591	271	39,799	
Mississippi	7	2,486	8,013	3,368	1,244	1,025	399	171	138	16,844	
Missouri	287	20,149	21,168	5,268	2,621	1,403	854	571	807	52,841	
Montana	-	396	890	343	219	101	103	31	105	2,188	
Nebraska	72	461	2,761	1,231	812	1,845	817	643	748	9,318	
Nevada	13,329	787	927	239	34	9	-	6	-	2,002	
New Hampshire	5	4,282	3,340	462	229	97	61	33	40	8,544	
New Jersey	1,696	13,028	29,595	18,379	11,311	7,409	5,173	4,098	7,441	96,435	
New Mexico	113	3,757	3,984	1,187	1,287	351	98	85	174	10,924	
New York	705	5,346	41,659	23,443	15,868	11,546	7,598	5,948	13,771	125,179	
North Carolina	1,103	20,717	28,223	9,191	4,555	2,333	1,146	456	592	67,214	
North Dakota	-	483	1,029	230	204	92	34	-	7	2,078	
Ohio	4	14,000	42,272	16,371	7,679	3,939	1,565	1,207	1,192	88,225	
Oklahoma	-	2,566	9,830	4,327	2,809	1,129	765	753	970	23,150	
Oregon	208	1,237	10,992	5,207	1,776	1,537	493	195	236	21,673	
Pennsylvania	2,362	10,107	26,769	17,048	9,486	6,003	3,089	1,676	1,727	75,906	
Rhode Island	12	629	4,034	2,116	734	533	305	238	310	8,900	
South Carolina	-	7,078	12,285	5,873	3,373	1,413	660	301	209	31,193	
South Dakota	213	6	1,126	372	285	258	71	67	5	2,189	
Tennessee	342	26,078	13,812	4,382	2,277	1,399	706	530	1,001	50,185	
Texas	8,457	15,516	75,193	60,190	42,684	25,803	10,996	6,714	5,170	242,265	
Utah	365	5,041	7,559	5,959	3,437	1,333	322	124	82	23,858	
Vermont	25	734	415	124	95	89	64	47	147	1,715	
Virginia	1,708	4,631	28,071	20,329	10,298	5,770	1,789	1,359	994	73,241	
Washington	5	6,515	20,922	7,189	4,378	2,984	2,799	1,286	2,165	48,237	
West Virginia	-	1,589	6,689	1,345	664	398	190	108	118	11,101	
Wisconsin	-	2,040	9,444	9,714	6,142	3,934	2,095	1,567	1,554	36,490	
Wyoming	52	118	869	635	150	98	68	4	52	1,994	
U.S. Total	159,001	359,540	786,737	404,119	250,571	181,505	93,104	62,354	85,896	2,223,826	
Puerto Rico 3/	71	-	1,609	4,527	3,883	4,395	2,710	877	1,164	19,165	
Grand Total	159,072	359,540	788,346	408,645	254,454	185,900	95,814	63,231	87,060	2,242,991	

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM TRAVEL - 2011

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.
- 3/ 2009 data.