

NATIONAL HIGHWAY SYSTEM TRAVEL - 2009
DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS - RURAL

MARCH 2012

(THOUSANDS)

HM-47A
SHEET 1 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 3/	112	11,745	2,974	257	166	-	164	-	-	15,307	277	7,724	6,530	531	149	7	4	-	-	14,947
Alaska	-	243	1,261	488	300	37	26	-	-	2,355	51	75	410	127	170	60	37	15	22	917
Arizona 3/	-	11,078	7,328	541	41	46	-	-	-	19,033	5	3,406	2,195	670	406	130	25	3	12	6,848
Arkansas 3/	27	7,296	3,592	505	257	247	285	64	48	12,295	34	843	5,396	2,617	1,222	619	166	49	77	10,988
California	-	7,413	17,370	8,302	4,489	4,088	3,716	1,197	1,483	48,058	-	2,108	19,912	9,015	5,738	2,448	2,941	531	46	42,740
Colorado 3/	-	1,303	5,717	2,652	1,563	442	370	-	-	12,046	-	470	5,294	2,565	826	344	167	44	50	9,759
Connecticut	-	276	1,488	94	5	104	-	-	-	1,967	-	81	866	689	270	209	33	5	5	2,157
Delaware	-	-	-	-	-	-	-	-	-	-	-	420	2,474	575	47	46	5	-	0	3,567
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida 3/	-	17,111	9,093	-	-	-	-	-	-	26,204	0	7,442	9,401	1,122	194	236	1	65	-	18,461
Georgia	884	16,983	6,764	1,808	37	-	-	20	-	25,612	49	11,216	6,136	296	46	40	-	3	4	17,741
Hawaii	-	-	-	-	308	-	-	-	-	308	-	21	180	200	477	186	79	86	38	1,266
Idaho	-	1,518	3,472	597	227	108	-	75	11	6,007	-	843	3,514	767	185	117	101	14	40	5,581
Illinois	-	7,723	11,300	3,996	1,094	116	-	-	1	24,231	-	609	3,315	2,307	916	439	119	35	28	7,768
Indiana	-	2,219	10,994	4,837	978	190	-	-	-	19,217	-	2,915	5,615	1,077	680	153	27	38	12	10,518
Iowa	5	3,051	5,548	2,644	932	433	86	65	55	12,814	41	1,354	4,048	2,665	1,567	749	271	151	113	10,918
Kansas 3/	-	1,300	6,023	1,187	346	-	-	-	-	8,857	-	1,060	6,703	2,389	361	58	29	6	11	10,617
Kentucky	-	10,912	6,426	502	220	-	-	-	-	18,061	-	5,787	8,557	696	517	61	22	6	-	15,647
Louisiana	-	3,043	5,527	2,557	1,246	2,408	22	35	-	14,838	-	379	2,935	1,827	644	679	303	505	135	7,407
Maine	-	1,980	2,939	899	116	10	3	-	-	5,947	-	893	2,380	806	490	258	135	120	170	5,252
Maryland	-	3,621	5,769	519	71	5	1	-	16	10,002	-	4,308	4,060	754	215	215	203	93	13	9,861
Massachusetts	-	911	2,354	321	176	-	-	-	-	3,762	-	332	677	720	256	58	109	0	-	2,153
Michigan	-	3,059	6,371	2,472	735	1,123	264	249	181	14,454	-	6,115	7,687	1,433	887	284	177	75	46	16,703
Minnesota 3/	1	1,605	4,672	1,460	2,088	1,226	17	210	59	11,337	70	3,094	6,447	3,604	1,452	758	392	54	31	15,833
Mississippi	-	2,181	6,295	959	786	211	54	28	-	10,514	-	2,592	6,799	1,588	1,422	562	352	221	17	13,552
Missouri	-	7,881	8,349	41	14	20	-	-	-	16,305	-	5,431	10,236	2,378	1,034	289	91	13	21	19,493
Montana	-	2,187	3,983	112	236	52	51	25	1	6,648	-	1,200	3,654	793	380	107	17	8	3	6,162
Nebraska	-	3,325	2,986	744	-	-	-	-	-	7,054	-	1,364	3,624	1,239	575	501	166	143	96	7,708
Nevada	-	4,119	866	131	228	20	1	1	-	5,366	-	3,063	765	24	5	0	22	8	5	3,892
New Hampshire 3/	-	2,017	956	360	41	-	-	-	-	3,756	1	1,294	1,824	552	263	151	127	30	14	4,255
New Jersey	-	688	2,107	1,116	372	51	-	20	-	4,353	-	323	1,913	1,223	852	337	187	166	30	5,033
New Mexico	-	7,011	3,825	1,046	76	48	-	-	-	12,007	-	4,417	2,075	899	338	58	18	6	5	7,816
New York	5	2,471	10,432	2,101	724	386	318	186	56	16,674	94	724	5,463	2,385	920	337	107	57	111	10,104
North Carolina 3/	-	3,829	7,610	1,817	1,531	1,265	203	12	8	16,275	-	3,643	13,089	3,316	1,046	340	92	33	16	21,574
North Dakota	-	1,669	2,060	286	-	-	-	-	-	4,014	-	1,173	1,996	604	390	101	20	12	4	4,300
Ohio 3/	-	9,812	12,172	1,940	383	315	25	9	40	24,696	43	3,228	8,494	2,181	1,124	448	124	33	38	15,671
Oklahoma 3/	-	3,209	7,302	1,802	705	291	305	126	-	13,739	1	1,305	5,551	2,863	1,181	720	376	276	211	12,483
Oregon	-	539	7,987	2,597	490	-	-	-	-	11,614	-	1,802	5,235	2,656	1,036	572	88	49	11	11,450
Pennsylvania 3/	23	12,085	11,957	4,235	873	383	67	36	25	29,661	12	2,595	7,333	3,481	1,788	1,012	238	110	59	16,616
Rhode Island	-	23	1,080	5	-	-	-	-	-	1,108	-	-	14	89	63	69	53	34	25	345
South Carolina	-	6,261	10,212	2,469	398	599	287	8	70	20,304	-	389	5,071	1,825	858	190	25	7	10	8,375
South Dakota 3/	-	769	2,968	1,104	384	71	-	-	-	5,295	3	699	1,851	611	449	151	75	65	44	3,946
Tennessee	-	21,346	1,975	233	240	2	-	90	40	23,925	-	5,968	5,595	995	326	112	21	21	39	13,076
Texas 3/	-	9,510	26,016	4,750	1,055	678	59	-	-	42,067	162	5,871	25,625	10,660	3,536	587	159	63	24	46,526
Utah	-	1,906	4,566	1,053	1,009	123	20	-	-	8,677	-	274	2,049	775	460	317	109	8	15	4,007
Vermont	-	1,269	1,635	266	65	20	1	3	35	3,293	-	84	1,271	202	153	133	21	25	34	1,922
Virginia	-	3,403	19,572	1,263	386	103	7	-	2	24,736	1	603	10,542	3,381	779	152	88	27	8	15,581
Washington	-	2,655	4,311	2,129	2,256	1,016	-	-	-	12,367	-	1,641	7,513	1,398	533	127	71	22	9	11,316
West Virginia	-	1,036	5,526	607	320	93	217	-	56	7,855	-	242	3,937	1,568	653	227	74	32	44	6,778
Wisconsin 3/	-	2,645	6,147	3,152	1,454	448	205	148	-	14,199	-	3,719	6,570	4,603	2,513	661	279	91	42	18,477
Wyoming	-	1,670	3,756	1,096	233	3	10	0	-	6,768	1	401	2,526	1,156	342	75	43	7	15	4,566
U.S. Total	1,058	229,906	303,633	74,054	29,654	16,780	6,784	2,606	2,186	665,603	844	#####	265,347	90,894	40,735	16,490	8,388	3,468	1,803	542,670
Puerto Rico	-	-	52	362	107	368	149	93	205	1,337	-	-	29	26	118	3	-	-	-	177
Grand Total	1,058	229,906	303,686	74,416	29,761	17,148	6,933	2,698	2,391	666,940	844	#####	265,376	90,920	40,853	16,493	8,388	3,468	1,803	542,847

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM TRAVEL - 2009
DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS - RURAL

HM-47A
SHEET 2 OF 4

MARCH 2012

(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 3/	389	19,469	9,504	788	315	7	169	1	-	30,253
Alaska	51	318	1,671	615	470	97	62	15	22	3,272
Arizona 3/	5	14,484	9,523	1,212	447	176	25	3	12	25,881
Arkansas 3/	60	8,139	8,988	3,123	1,479	866	451	113	125	23,283
California	-	9,521	37,281	17,317	10,227	6,536	6,657	1,728	1,529	90,797
Colorado 3/	-	1,773	11,011	5,217	2,389	785	537	44	50	21,806
Connecticut	-	357	2,354	783	275	313	33	5	5	4,124
Delaware	-	420	2,474	575	47	46	5	-	0	3,567
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-
Florida 3/	0	24,553	18,494	1,122	194	236	1	65	-	44,665
Georgia	933	28,200	12,900	2,105	83	40	-	23	4	43,354
Hawaii	-	21	180	200	785	186	79	86	38	1,574
Idaho	-	2,361	6,986	1,364	412	225	101	88	51	11,588
Illinois	-	8,333	14,615	6,303	2,010	555	119	35	30	32,000
Indiana	-	5,134	16,609	5,914	1,659	343	27	38	12	29,735
Iowa	46	4,404	9,596	5,309	2,499	1,182	357	216	168	23,732
Kansas 3/	-	2,360	12,726	3,577	707	58	29	6	11	19,473
Kentucky	-	16,699	14,983	1,198	738	61	22	6	-	33,708
Louisiana	-	3,422	8,462	4,384	1,889	3,087	325	540	135	22,245
Maine	-	2,873	5,320	1,705	605	267	138	120	170	11,198
Maryland	-	7,929	9,829	1,273	286	220	204	93	28	19,863
Massachusetts	-	1,244	3,031	1,041	432	58	109	0	-	5,914
Michigan	-	9,174	14,058	3,905	1,622	1,407	442	324	227	31,157
Minnesota 3/	71	4,699	11,119	5,064	3,540	1,984	410	264	90	27,170
Mississippi	-	4,773	13,094	2,547	2,208	772	406	249	17	24,066
Missouri	-	13,311	18,585	2,419	1,048	310	91	13	21	35,798
Montana	-	3,387	7,637	905	616	159	68	34	4	12,810
Nebraska	-	4,689	6,609	1,982	575	501	166	143	96	14,762
Nevada	-	7,183	1,631	155	233	20	22	9	5	9,259
New Hampshire 3/	1	3,311	2,781	912	305	151	127	30	14	7,630
New Jersey	-	1,011	4,020	2,339	1,224	388	187	186	30	9,386
New Mexico	-	11,428	5,900	1,945	414	106	18	6	5	19,823
New York	99	3,194	15,895	4,486	1,644	723	425	243	167	26,778
North Carolina 3/	-	7,472	20,699	5,133	2,577	1,605	294	44	24	37,849
North Dakota	-	2,841	4,056	890	390	101	20	12	4	8,315
Ohio 3/	43	13,041	20,666	4,121	1,507	763	149	42	78	40,366
Oklahoma 3/	1	4,514	12,853	4,664	1,886	1,011	681	402	211	26,222
Oregon	-	2,342	13,223	5,253	1,527	572	88	49	11	23,064
Pennsylvania 3/	36	14,680	19,290	7,716	2,662	1,394	305	147	84	46,277
Rhode Island	-	23	1,094	93	63	69	53	34	25	1,453
South Carolina	-	6,650	15,283	4,294	1,256	789	312	14	80	28,679
South Dakota 3/	3	1,469	4,819	1,715	832	221	75	65	44	9,241
Tennessee	-	27,314	7,570	1,228	566	114	21	110	79	37,001
Texas 3/	162	15,381	51,640	15,409	4,591	1,265	219	63	24	88,594
Utah	-	2,180	6,615	1,828	1,470	439	129	8	15	12,685
Vermont	-	1,353	2,906	468	218	153	22	27	68	5,215
Virginia	1	4,006	30,114	4,644	1,165	255	95	27	10	40,318
Washington	-	4,296	11,825	3,527	2,789	1,143	71	22	9	23,682
West Virginia	-	1,278	9,462	2,175	973	321	291	32	100	14,633
Wisconsin 3/	-	6,364	12,717	7,754	3,967	1,109	483	240	42	32,676
Wyoming	1	2,070	6,282	2,252	574	78	54	8	15	11,334
U.S. Total	1,902	345,450	568,980	164,948	70,389	33,270	15,172	6,074	3,990	1,208,273
Puerto Rico	-	-	82	388	225	371	149	93	205	1,513
Grand Total	1,902	345,450	569,062	165,336	70,615	33,641	15,321	6,166	4,195	1,209,786

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM TRAVEL - 2009
DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS - URBAN

HM-47A

MARCH 2012

(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 3/	664	9,123	6,068	1,699	672	1,278	308	76	77	19,300	489	6,790	6,466	1,027	413	171	70	5	33	14,975
Alaska	-	235	1,165	289	81	24	10	-	13	1,817	-	87	179	305	360	227	39	75	35	1,307
Arizona 3/	-	7,909	6,488	1,572	205	-	-	-	-	16,174	531	13,793	7,705	1,691	2,165	1,329	674	242	127	27,725
Arkansas 3/	1	1,974	4,665	1,586	1,100	865	193	107	137	10,627	42	273	1,250	932	507	774	422	340	212	4,709
California	-	1,946	54,014	43,101	32,039	22,319	11,487	13,908	8,011	186,826	-	1,098	39,020	35,886	28,310	21,068	8,397	7,006	3,571	144,356
Colorado 3/	-	1,406	7,747	6,075	2,133	1,281	1,151	63	123	19,978	-	617	6,701	5,152	5,715	2,366	1,231	604	975	23,361
Connecticut	-	2,932	11,432	5,649	3,421	1,424	628	311	402	26,198	-	828	4,868	4,515	2,027	1,090	486	337	354	14,505
Delaware	-	136	1,805	679	214	213	240	62	23	3,371	-	537	2,238	734	294	200	27	18	39	4,088
Dist. of Columbia	-	-	-	-	393	128	142	232	285	1,180	-	-	-	-	371	94	94	332	1,666	2,557
Florida 3/	116	28,807	36,626	1,036	507	225	-	-	-	67,201	445	14,652	34,850	3,810	1,594	481	171	254	123	55,936
Georgia	703	35,071	12,657	3,690	488	-	-	-	-	51,907	260	9,519	11,753	1,623	392	222	42	1	55	23,606
Hawaii	-	-	997	513	1,026	825	792	499	241	4,894	-	234	697	894	740	883	615	126	178	4,367
Idaho	-	935	1,881	381	93	55	-	40	152	3,537	18	195	540	360	184	167	20	27	75	1,566
Illinois	-	3,336	22,081	15,398	12,784	5,135	1,790	1,443	144	62,110	-	672	5,184	10,464	6,471	5,912	4,345	2,918	7,775	43,741
Indiana	-	1,519	13,151	6,701	3,014	993	341	354	537	26,609	-	630	3,582	2,056	1,902	1,307	626	338	430	10,872
Iowa	87	1,167	3,017	1,259	625	284	207	174	108	6,840	280	239	1,260	1,352	789	477	370	269	540	5,296
Kansas 3/	-	657	3,878	2,274	3,148	86	30	-	8	10,082	-	366	2,668	2,231	372	99	62	25	52	5,876
Kentucky	-	2,891	5,751	4,175	1,925	1,478	85	-	-	16,305	-	1,319	3,770	2,461	749	538	120	34	90	9,082
Louisiana	-	999	5,614	3,869	2,874	3,349	2,126	301	560	19,691	12	45	2,571	2,614	2,012	1,650	2,302	1,453	1,388	14,034
Maine	-	379	1,050	469	231	48	14	13	-	2,205	-	230	421	391	329	212	150	142	121	1,997
Maryland	-	9,398	18,904	4,461	2,183	904	929	386	805	37,970	0	3,324	9,801	3,795	2,223	1,720	564	437	1,257	23,122
Massachusetts	549	14,957	20,436	3,757	957	495	215	-	-	40,817	52	2,758	9,558	4,265	3,787	4,524	3,516	2,556	2,310	33,273
Michigan	-	6,058	19,774	9,782	3,134	1,951	796	370	297	42,163	1	1,787	10,073	10,314	5,217	3,260	3,068	2,151	3,557	39,429
Minnesota 3/	-	722	10,075	5,253	4,962	1,933	65	3	210	23,223	913	900	7,560	4,446	1,924	1,734	366	117	121	17,168
Mississippi	-	889	4,167	2,031	1,159	572	428	10	21	9,277	-	777	3,500	1,809	819	589	318	368	144	8,323
Missouri	-	5,755	20,021	4,759	1,893	270	159	302	62	33,221	116	2,577	10,379	4,088	2,103	632	423	190	124	20,515
Montana	-	252	665	3	-	16	30	22	-	988	-	45	317	283	259	154	39	30	56	1,184
Nebraska	-	240	2,351	562	256	167	130	30	-	3,737	11	251	507	492	894	1,433	789	617	839	5,823
Nevada	-	1,729	4,155	1,459	1,484	365	76	63	2	9,333	30	2,176	2,157	716	304	41	155	15	201	5,766
New Hampshire 3/	1	2,038	1,909	118	29	42	79	-	37	4,253	72	1,937	1,850	371	90	157	23	36	26	4,489
New Jersey	-	4,061	10,121	10,022	3,441	3,520	2,929	1,359	1,551	37,003	200	2,164	17,124	14,746	12,082	6,066	4,236	2,437	3,510	62,365
New Mexico	-	1,635	4,128	1,088	370	121	2	4	-	7,348	0	438	1,866	448	449	245	118	73	226	3,863
New York	1,258	3,758	21,419	9,230	4,655	4,873	3,218	2,442	5,148	54,743	1,443	658	12,432	18,245	12,263	9,421	6,400	2,870	8,471	70,759
North Carolina 3/	-	7,075	17,240	6,708	4,482	1,934	675	29	41	38,182	-	1,612	12,165	4,778	2,550	1,090	363	132	259	22,947
North Dakota	-	202	660	195	24	-	-	-	-	1,082	-	35	105	197	278	55	37	69	59	834
Ohio 3/	-	12,271	31,415	9,853	4,795	1,744	780	251	178	61,287	232	1,584	11,920	5,446	2,943	1,943	971	636	653	26,095
Oklahoma 3/	-	1,224	3,964	2,714	1,631	891	738	540	1,003	12,705	-	761	3,971	2,024	721	514	504	378	346	9,218
Oregon	-	219	5,615	4,709	1,031	487	43	-	83	12,185	-	779	3,051	3,089	1,248	809	439	272	214	9,900
Pennsylvania 3/	344	9,549	17,160	6,768	3,574	1,933	888	123	106	40,101	353	3,907	13,152	10,825	8,306	5,158	2,395	1,242	933	45,918
Rhode Island	-	640	2,376	1,576	112	14	55	-	-	4,773	-	-	1,333	1,467	636	383	234	204	278	4,536
South Carolina	-	5,019	7,409	2,421	956	347	105	120	30	16,407	-	226	4,786	4,692	2,546	1,279	404	403	237	14,574
South Dakota 3/	-	116	617	636	140	32	114	8	-	1,662	6	-	127	100	170	143	122	11	32	705
Tennessee	-	16,675	10,327	2,739	893	808	217	268	208	32,134	-	4,364	7,017	2,909	1,676	928	432	380	549	18,256
Texas 3/	-	3,639	39,775	33,457	19,049	9,210	1,923	816	34	107,903	1,202	2,867	37,594	37,376	29,682	16,269	5,216	3,771	4,519	137,293
Utah	-	3,497	6,312	3,854	2,416	296	9	33	-	16,418	-	624	2,659	1,514	986	582	185	126	123	6,799
Vermont	-	526	442	33	0	-	-	-	-	1,001	-	1	167	112	53	88	79	51	100	653
Virginia	-	1,151	18,779	9,963	7,341	2,733	690	181	155	40,993	1,016	1,333	10,661	9,608	4,202	3,417	1,646	834	891	32,593
Washington	-	2,364	14,193	6,045	2,640	3,011	879	438	1	29,570	-	1,113	9,279	3,241	1,648	1,192	433	470	1,154	18,529
West Virginia	-	1,188	4,874	740	291	273	221	43	12	7,642	-	210	1,720	824	381	218	202	109	69	3,732
Wisconsin 3/	-	1,506	5,735	4,257	1,198	515	770	70	36	14,088	18	1,019	4,330	5,529	3,802	2,589	1,713	1,302	1,219	21,504
Wyoming	-	97	384	413	245	63	65	7	20	1,294	0	25	306	154	120	27	22	7	51	712
U.S. Total	3,721	219,872	525,488	250,024	142,313	79,529	36,772	25,497	20,859	1,300,354	7,740	92,377	#####	236,400	160,058	105,930	55,674	36,841	50,365	1,084,834
Puerto Rico	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	3,751	219,872	527,083	254,283	145,416	82,462	38,432	25,844	21,153	1,314,545	7,782	92,377	#####	236,667	160,838	107,392	56,724	37,372	51,234	1,089,808

For footnotes, see Footnote Page.

NATIONAL HIGHWAY SYSTEM TRAVEL - 2009
DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS - URBAN

HM-47A
SHEET 4 OF 4

MARCH 2012

(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 3/	1,153	15,913	12,535	2,727	1,085	1,449	377	82	109	34,275
Alaska	-	322	1,344	594	441	251	49	75	48	3,123
Arizona 3/	531	21,703	14,192	3,263	2,369	1,329	674	242	127	43,900
Arkansas 3/	43	2,247	5,915	2,518	1,607	1,639	615	447	349	15,337
California	-	3,045	93,035	78,987	60,349	43,388	19,884	20,914	11,581	331,182
Colorado 3/	-	2,023	14,448	11,227	7,847	3,647	2,382	667	1,098	43,339
Connecticut	-	3,759	16,300	10,164	5,448	2,514	1,113	647	756	40,703
Delaware	-	672	4,043	1,413	507	413	267	80	62	7,459
Dist. of Columbia	-	-	-	-	764	222	236	564	1,951	3,737
Florida 3/	561	43,460	71,477	4,846	2,101	705	171	254	123	123,137
Georgia	963	44,590	24,410	5,313	881	222	42	1	55	75,513
Hawaii	-	234	1,694	1,408	1,766	1,709	1,407	624	419	9,261
Idaho	18	1,130	2,421	741	277	222	20	67	227	5,103
Illinois	-	4,008	27,264	25,862	19,255	11,047	6,135	4,361	7,918	105,851
Indiana	-	2,150	16,733	8,757	4,916	2,300	967	691	967	37,481
Iowa	367	1,406	4,277	2,611	1,414	760	578	443	648	12,137
Kansas 3/	-	1,023	6,546	4,506	3,520	185	93	25	60	15,958
Kentucky	-	4,210	9,521	6,636	2,674	2,016	205	34	90	25,387
Louisiana	12	1,044	8,185	6,483	4,886	4,998	4,427	1,754	1,948	33,725
Maine	-	610	1,471	859	560	260	164	155	121	4,202
Maryland	0	12,722	28,705	8,256	4,406	2,624	1,493	823	2,062	61,092
Massachusetts	600	17,715	29,994	8,023	4,744	5,018	3,731	2,556	2,310	74,090
Michigan	1	7,845	29,847	20,096	8,351	5,211	3,864	2,521	3,855	81,592
Minnesota 3/	913	1,622	17,634	9,698	6,886	3,668	431	120	331	40,391
Mississippi	-	1,666	7,667	3,840	1,978	1,160	746	378	165	17,600
Missouri	116	8,332	30,400	8,847	3,995	902	582	492	186	53,736
Montana	-	297	982	286	259	171	69	52	56	2,171
Nebraska	11	491	2,858	1,055	1,151	1,600	919	647	839	9,560
Nevada	30	3,905	6,312	2,175	1,789	407	231	78	203	15,099
New Hampshire 3/	73	3,975	3,759	490	118	200	102	36	63	8,742
New Jersey	200	6,224	27,246	24,768	15,523	9,586	7,165	3,796	5,061	99,369
New Mexico	0	2,072	5,994	1,536	820	366	120	77	226	11,211
New York	2,701	4,415	33,852	27,475	16,918	14,294	9,618	5,311	13,618	125,502
North Carolina 3/	-	8,687	29,404	11,486	7,032	3,024	1,037	160	300	61,129
North Dakota	-	237	766	392	303	55	37	69	59	1,915
Ohio 3/	232	13,855	43,335	15,298	7,737	3,687	1,751	887	831	87,382
Oklahoma 3/	-	1,984	7,934	4,738	2,353	1,405	1,242	918	1,349	21,923
Oregon	-	998	8,665	7,798	2,278	1,295	482	272	296	22,085
Pennsylvania 3/	696	13,456	30,312	17,593	11,879	7,091	3,284	1,365	1,040	86,020
Rhode Island	-	640	3,710	3,043	748	397	289	204	278	9,309
South Carolina	-	5,245	12,195	7,113	3,502	1,626	509	523	267	30,982
South Dakota 3/	6	116	743	736	310	175	236	19	32	2,367
Tennessee	-	21,039	17,344	5,648	2,570	1,736	648	648	757	50,390
Texas 3/	1,202	6,506	77,369	70,833	48,732	25,479	7,139	4,587	4,553	245,196
Utah	-	4,121	8,971	5,368	3,403	879	194	160	123	23,218
Vermont	-	528	609	145	53	88	79	51	100	1,654
Virginia	1,016	2,483	29,440	19,572	11,543	6,150	2,337	1,015	1,046	73,586
Washington	-	3,477	23,472	9,285	4,288	4,203	1,312	908	1,155	48,099
West Virginia	-	1,398	6,593	1,565	672	491	423	151	81	11,374
Wisconsin 3/	18	2,525	10,065	9,786	5,000	3,105	2,484	1,372	1,255	35,592
Wyoming	0	122	690	567	365	90	87	15	71	2,006
U.S. Total	11,462	312,249	872,677	486,424	302,371	185,459	92,446	62,339	71,224	2,385,188
Puerto Rico	71	-	1,609	4,527	3,883	4,395	2,710	877	1,164	19,165
Grand Total	11,532	312,249	874,286	490,951	306,254	189,854	95,156	63,216	72,388	2,404,353

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM TRAVEL - 2009

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/ 2008 data used due to FHWA process status.