

# FUNCTIONAL SYSTEM LENGTH - 2019

## MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73  
SHEET 1 OF 8

September 30, 2020

FEDERAL-AID URBANIZED AREA (3)	STATE	UN- REPORTED (4)	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)										INTERNATIONAL ROUGHNESS INDEX (1) / PRESENT SERVICEABILITY RATING (FSR) (2)													
			INTERSTATE					TOTAL REPORTED	OTHER FREEWAYS & EXPRESSWAYS					TOTAL REPORTED	OTHER PRINCIPAL ARTERIAL											
			< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220	TOTAL	<95 >=3.5	95-119 3.1-3.4	120-169 2.6-3.0	170-220 2.1-2.5	>220 <=2.0	TOTAL REPORTED
Aberdeen-Bel Air South-Bel Air North, MD	MD	0	19	1	1	0	0	21	9	2	1	0	0	12	22	10	8	3	2	45	39	15	23	4	2	82
Ablene, TX	TX	0	9	3	3	1	0	16	15	2	2	0	0	20	19	11	16	11	6	53	24	12	23	15	12	63
Aguadilla-Isabela-San Sebastian, PR	PR	81	3	6	11	4	2	26	0	0	0	0	0	20	0	3	16	9	11	39	0	0	6	9	15	30
Akron, OH	OH	1	46	8	8	2	2	65	13	4	6	3	1	27	51	24	31	19	34	159	58	45	57	45	56	261
Albany, GA	GA	1	0	0	0	0	0	0	6	1	1	0	0	8	50	7	4	1	0	63	52	29	17	5	4	106
Albany, OR	OR	0	6	2	2	1	0	11	0	0	0	0	0	8	8	5	3	11	0	17	20	5	8	3	0	36
Albany-Schenectady, NY	NY	17	61	17	9	4	2	93	13	3	3	2	2	23	65	43	51	23	19	201	61	67	67	36	25	256
Albuquerque, NM	NM	9	59	4	6	2	1	72	0	0	0	0	0	0	99	32	66	47	54	298	3	16	38	50	61	167
Alexandria, LA	LA	4	5	4	4	1	0	15	5	1	2	1	2	11	14	7	7	2	3	33	14	0	12	0	5	32
Allentown, PA-NJ	NJ	0	6	1	0	1	0	8	0	0	0	0	0	1	1	1	4	3	12	6	4	8	6	4	27	
Allentown, PA-NJ	PA	3	20	5	15	2	1	43	23	9	5	3	1	41	38	37	53	29	23	181	36	32	51	27	40	186
Alton, IL-MO	MO	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Altoona, PA	PA	2	13	1	0	0	0	14	1	0	0	0	0	1	18	7	9	2	2	37	10	7	7	5	4	32
Amarillo, TX	TX	12	21	3	3	1	0	28	6	0	0	0	0	7	40	11	12	4	2	68	30	24	39	18	20	132
Ames, IA	IA	31	2	0	0	0	0	2	0	0	0	0	0	0	9	3	3	2	2	20	0	0	0	0	0	0
Anchorage, AK	AK	4	18	2	1	0	0	21	0	0	0	0	0	0	37	16	17	6	4	79	13	10	13	6	3	46
Anderson, IN	IN	5	12	3	3	0	0	19	0	0	0	0	0	0	14	11	4	2	42	21	17	31	18	5	82	
Anderson, SC	SC	10	0	0	0	0	0	0	0	0	0	0	0	0	17	14	16	4	3	54	12	11	17	7	2	50
Ann Arbor, MI	MI	3	23	1	2	1	0	26	15	4	3	2	1	25	18	13	20	12	14	77	42	34	67	28	43	214
Anniston-Oxford, AL	AL	0	14	0	1	0	0	15	0	0	0	0	0	0	53	3	3	1	1	61	42	16	26	15	11	110
Antioch, CA	CA	57	0	0	0	0	0	0	8	6	8	1	0	21	4	1	13	14	17	47	0	0	0	0	0	0
Appleton, WI	WI	150	15	1	7	2	0	26	0	0	0	0	0	7	6	15	32	11	6	74	0	0	0	0	0	15
Arcibo, PR	PR	31	4	3	5	5	3	19	0	0	0	0	0	0	1	2	6	3	5	17	0	0	0	0	0	0
Arroyo Grande-Grover Beach, CA	CA	9	0	0	0	0	0	0	10	2	1	0	0	0	11	0	1	1	1	3	0	5	26	2	1	34
Asheville, NC	NC	7	65	5	8	2	1	80	22	2	1	0	0	25	56	28	23	4	4	119	68	31	36	11	12	155
Athens-Clarke County, GA	GA	2	0	0	0	0	0	0	32	5	1	2	0	9	32	11	3	0	0	48	34	22	17	3	3	123
Atlanta, GA	GA	1	288	32	22	5	1	347	73	5	7	2	0	87	535	116	90	27	11	779	807	556	490	206	98	2156
Atlantic City, NJ	NJ	0	0	0	0	0	0	0	35	5	3	2	1	45	23	11	21	15	24	93	68	18	45	34	32	198
Auburn, AL	AL	0	15	0	0	0	0	17	0	0	0	0	0	0	18	7	5	2	2	33	25	21	31	7	6	90
Augusta-Richmond County, GA-SC	GA	0	25	4	2	0	0	32	5	1	2	0	0	8	78	22	19	6	2	129	81	34	22	23	22	183
Augusta-Richmond County, GA-SC	SC	0	14	0	0	0	0	15	0	0	0	0	0	0	32	13	12	4	2	62	24	13	35	5	4	81
Austin, TX	TX	4	50	2	3	1	0	56	80	40	16	1	0	138	134	34	42	28	48	286	122	57	82	42	16	318
Avondale-Goodyear, AZ	AZ	11	17	1	0	0	0	18	8	1	0	0	0	10	2	4	3	1	1	57	37	50	19	7	7	170
Bakersfield, CA	CA	179	0	0	0	0	0	0	23	6	7	1	0	37	28	31	58	23	19	158	2	10	14	0	0	27
Baltimore, MD	MD	4	105	16	16	8	8	154	109	17	20	8	7	161	77	40	67	62	128	373	85	81	195	116	203	690
Bangor, ME	ME	0	14	1	0	0	0	15	0	0	0	0	0	0	7	3	4	3	4	22	19	6	10	5	7	47
Barnstable Town, MA	MA	306	9	0	0	0	0	9	59	4	2	1	0	65	26	30	48	26	13	143	33	21	9	5	1	69
Baton Rouge, LA	LA	88	21	10	18	7	3	60	0	0	0	0	0	68	26	44	35	34	205	33	41	32	22	0	128	
Battle Creek, MI	MI	0	11	3	1	1	1	16	0	0	0	0	0	0	12	5	8	6	3	35	16	17	26	13	10	81
Bay City, MI	MI	0	6	1	0	0	0	7	5	1	1	0	0	7	8	5	5	5	6	30	12	11	20	15	19	76
Beaumont, TX	TX	3	13	3	3	1	0	19	11	3	2	1	0	17	15	7	14	8	12	57	31	10	24	18	24	107
Beckley, WV	WV	4	21	5	4	1	1	33	0	0	0	0	0	18	5	4	11	11	29	13	9	22	8	13	64	
Bellingham, WA	WA	1	8	6	4	1	0	18	0	0	0	0	0	3	2	5	4	4	19	11	12	21	14	20	77	
Beloit, WI-IL	IL	0	2	0	0	0	0	3	0	0	0	0	0	0	1	2	6	2	1	12	6	4	3	2	1	17
Beloit, WI-IL	WI	39	3	3	1	1	0	8	0	0	0	0	0	0	1	1	11	7	4	23	0	0	0	0	0	0
Bend, OR	OR	0	0	0	0	0	0	0	0	0	0	0	0	0	18	5	6	11	1	31	59	0	3	0	0	62
Benton Harbor-St. Joseph-Fair Plain, MI	MI	0	10	3	1	2	0	16	0	0	0	0	0	0	7	7	8	5	7	34	7	10	17	16	9	61
Billings, MT	MT	0	15	1	1	0	0	17	0	0	0	0	0	0	12	8	16	11	15	60	17	11	8	6	10	52
Binghamton, NY-PA	NY	4	15	3	4	2	1	24	13	6	8	6	1	35	4	3	3	1	1	13	63	28	20	19	22	151
Binghamton, NY-PA	PA	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Birmingham, AL	AL	30	112	14	21	10	8	165	0	1	1	0	0	3	119	23	19	7	12	181	167	95	125	49	44	479
Bismarck, ND	ND	8	15	0	1	0	0	16	0	0	0	0	0	0	17	10	15	10	8	60	3	9	17	12	15	56
Blacksburg, VA	VA	7	3	1	1	0	0	5	11	1	1	0	0	13	6	3	4	3	1	16	6	7	7	2	1	24
Bloomington, IN	IN	3	9	0	0	0	0	10	0	0	0	0	0	1	14	3	2	1	0	21	13	5	6	4	5	33
Bloomington-Normal, IL	IL	6	29	2	2	1	0	33	3	0	0	0	0	3	13	6	7	5	3	33	11	13	27	13	30	108
Bloomsburg-Berwick, PA	PA	0	12	1	0	0	0	14	0	0	0	0	0	0	19	5	3	2	0	29	19	4	8	3	4	39
Boise City, ID	ID	84	20	1	1	0	0	22	2	0	0	0	0	3	24	10	13	5	2	54	120	4	54	6	1	185
Bonita Springs, FL	FL	0	22	0	0	0	0	22	0	0	0	0	0	0	29	6	2	1	0	38	67	21	9	2	2	103
Boston, MA-NH-RI	MA	1740	235	16	15	5	3	274	127	14	12	7	7	167	111	126	301	241	342	1121	105	81	120	34	52	391
Boston, MA-NH-RI	NH	0	8	0	0	0	0	8	1	0	0	0	0	2	22	3	3	1	2	30	25	11	7	3	1	48
Boulder, CO	CO	0	0	0	0	0	0	0	11	2	1	1	1	15	7	3	7	4	4	25	2	5	13	10	16	46
Bowling Green, KY	KY	0	14	1	0	0	0	15	2	0	0	0	0	2	17	5	3	0	0	26	15	6	3	1	1	26
Bremerton, WA	WA	0	0	0	0	0	0	0	39	2	2	1	0	44	13	5	7	5	5	35	50	35	35	17	16	155
Bridgport-Stamford, CT-NY	CT	0	38	6	6	1	0	52	55	10	6	1	0	73	34	30	44	24	21	153	58	78	112	78	101	427

## FUNCTIONAL SYSTEM LENGTH - 2019 MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73  
SHEET 2 OF 8

September 30, 2020

FEDERAL-AID URBANIZED AREA (3)	STATE	UN- REPORTED (4)	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)											INTERNATIONAL ROUGHNESS INDEX (1) / PRESENT SERVICEABILITY RATING (PSR) (2)														
			INTERSTATE					TOTAL REPORTED	OTHER FREEWAYS & EXPRESSWAYS					TOTAL REPORTED	OTHER PRINCIPAL ARTERIAL					TOTAL REPORTED	MINOR ARTERIAL (5)							
			< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		<95 >=3.5	95-119 3.1-3.4	120-169 2.6-3.0	170-220 2.1-2.5	>220 <=2.0	TOTAL REPORTED		
Buffalo, NY	NY	15	48	10	11	4	1	74	28	95-119	120-169	170-220	> 220	5	62	112	79	120-169	170-220	> 220	25	337	150	117	141	47	53	509
Burlington, NC	NC	4	19	0	0	0	0	19	0	0	0	0	0	0	0	4	6	9	4	2	25	15	15	22	8	4	64	
Burlington, VT	VT	4	24	1	0	0	0	27	6	1	1	0	0	0	8	26	12	11	4	4	56	18	9	10	9	5	51	
Cambridge, CA	CA	35	0	0	0	0	0	0	7	1	0	0	0	0	8	1	3	7	3	2	16	0	0	0	0	0	0	
Canton, OH	OH	0	13	1	2	0	1	16	17	2	2	2	1	23	39	14	14	12	21	100	48	29	31	16	16	149		
Cape Coral, FL	FL	16	20	1	0	0	0	21	3	1	1	0	0	5	94	16	10	4	2	125	87	30	24	6	1	148		
Cape Girardeau, MO-IL	IL	0	0	0	0	0	0	0	2	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	
Cape Girardeau, MO-IL	MO	0	13	1	1	0	0	14	2	1	2	1	0	7	9	2	2	1	1	14	0	19	9	3	14	45		
Carbondale, IL	IL	0	4	0	0	0	0	4	0	0	0	0	0	0	25	5	5	2	2	39	6	14	19	5	5	48		
Canton City, NV	NV	0	8	1	0	0	0	9	0	0	0	0	0	0	9	26	0	0	0	0	11	6	9	2	2	30		
Cartersville, GA	GA	0	11	0	1	0	0	12	0	0	0	0	0	0	28	3	1	0	0	33	32	16	14	6	3	72		
Casa Grande, AZ	AZ	4	11	0	0	1	1	13	0	0	0	0	0	0	5	7	3	0	0	15	11	7	11	6	0	35		
Casper, WY	WY	29	9	0	2	1	1	13	2	0	0	0	0	3	22	6	8	5	4	45	4	7	3	3	3	19		
Cedar Rapids, IA	IA	153	17	1	1	1	0	20	0	0	0	0	0	0	33	14	14	8	10	79	0	0	0	0	0	0		
Chambersburg, PA	PA	0	11	1	0	0	0	12	0	0	0	0	0	0	16	4	5	1	2	27	6	2	4	2	1	15		
Champaign, IL	IL	3	18	1	2	2	1	24	0	0	0	0	0	0	16	8	11	5	5	43	14	12	12	10	20	67		
Charleston-North Charleston, SC	SC	13	27	8	8	1	0	43	6	2	4	1	0	12	56	26	36	15	11	144	35	27	46	13	12	133		
Charleston, WV	WV	18	39	4	5	3	1	51	0	0	0	0	0	0	35	12	12	5	5	67	23	17	47	10	24	121		
Charlotte, NC-SC	NC	10	114	22	14	4	1	155	3	1	3	1	1	9	62	52	69	28	17	228	50	65	103	76	69	364		
Charlotte, NC-SC	SC	0	8	0	0	0	0	8	0	0	0	0	0	0	5	6	9	3	2	26	3	4	7	4	4	28		
Charlottesville, VA	VA	11	7	0	0	0	0	8	3	2	1	0	0	6	8	4	4	4	2	22	4	4	7	4	2	20		
Chattanooga, TN-GA	GA	0	10	0	1	0	0	11	0	0	0	0	0	0	16	1	2	0	0	19	50	22	17	8	3	100		
Chattanooga, TN-GA	TN	250	20	6	4	1	1	33	24	3	4	1	1	33	50	16	12	6	5	89	10	7	7	3	8	35		
Cheyenne, WY	WY	32	25	4	3	2	1	33	0	0	0	0	0	0	22	8	6	3	4	43	7	7	9	4	4	31		
Chicago, IL-IN	IL	35	256	51	56	24	9	396	19	6	3	2	1	35	371	285	439	225	204	1565	375	317	624	422	425	2163		
Chicago, IL-IN	IN	28	41	14	16	4	1	76	4	1	2	0	0	8	111	42	50	22	12	237	24	59	102	55	34	274		
Chico, CA	CA	34	0	0	0	0	0	0	0	0	0	0	0	0	11	5	8	5	6	35	10	0	0	0	0	10		
Cincinnati, OH-KY-IN	IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	5		
Cincinnati, OH-KY-IN	KY	19	36	4	4	1	0	44	1	0	0	0	0	1	23	4	8	5	8	48	50	21	24	13	12	120		
Cincinnati, OH-KY-IN	OH	1	95	13	15	5	2	129	23	6	5	2	1	37	66	37	64	53	60	280	99	85	139	61	110	454		
Clarksville, TN-KY	KY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	1	0	0	0	2		
Clarksville, TN-KY	TN	73	12	0	0	0	0	12	0	0	0	0	0	0	30	4	3	1	0	38	0	0	0	0	0	0		
Cleveland, OH	OH	0	153	22	18	7	5	205	30	8	7	4	1	50	65	49	91	69	96	369	126	80	161	133	185	684		
Cleveland, TN	TN	72	18	0	0	0	0	18	5	0	0	0	0	5	28	2	1	1	0	32	0	0	0	0	0	0		
Coeur d'Alene, ID	ID	12	15	0	0	0	0	16	0	0	0	0	0	0	12	2	1	1	0	16	52	10	16	1	0	78		
College Station-Bryan, TX	TX	11	0	0	0	0	0	0	18	0	1	0	0	0	34	12	13	6	2	68	5	9	20	18	14	66		
Colorado Springs, CO	CO	0	21	6	6	2	0	36	24	10	11	3	1	49	59	34	44	26	24	186	24	34	60	46	42	207		
Columbia, MO	MO	0	10	0	1	0	0	11	15	2	1	0	0	18	7	4	4	3	2	21	5	5	20	14	12	55		
Columbia, SC	SC	2	74	8	7	2	0	90	7	1	1	0	0	10	41	33	39	14	6	133	73	50	90	21	10	244		
Columbus, GA-AL	AL	9	0	0	0	0	0	9	2	0	0	0	0	3	19	2	1	1	1	23	16	3	4	2	1	32		
Columbus, GA-AL	GA	2	10	3	1	1	0	15	11	3	3	0	0	18	30	12	12	8	3	65	27	26	35	20	9	116		
Columbus, IN	IN	5	11	2	1	0	0	15	0	0	0	0	0	0	15	4	5	2	1	27	21	5	10	2	2	40		
Columbus, OH	OH	21	102	11	11	5	2	130	38	3	3	1	1	47	98	48	74	37	46	303	152	99	112	76	92	530		
Concord, CA	CA	213	15	10	10	5	3	42	6	5	4	4	1	21	1	3	18	28	44	93	0	0	4	1	0	5		
Concord, NC	NC	7	25	8	2	0	0	35	0	0	0	0	0	0	38	18	10	3	2	71	21	42	26	17	12	118		
Conroe-The Woodlands, TX	TX	0	15	8	3	0	0	26	4	1	1	0	0	5	18	11	9	6	6	49	46	19	16	13	8	102		
Conway, AR	AR	0	17	1	0	0	0	18	0	0	0	0	0	0	9	4	5	2	1	21	46	26	23	8	1	104		
Corpus Christi, TX	TX	4	17	1	1	0	0	19	29	6	7	1	0	43	26	7	13	9	21	76	6	9	16	16	47	94		
Corvallis, OR	OR	0	0	0	0	0	0	0	0	0	0	0	0	0	13	4	6	2	1	25	35	2	4	0	0	41		
Cumberland, MD-WV-PA	MD	0	10	2	1	1	0	15	0	0	0	0	0	0	11	5	4	4	1	21	14	9	12	8	6	49		
Cumberland, MD-WV-PA	PA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cumberland, MD-WV-PA	WV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Dallas-Fort Worth-Arlington, TX	TX	56	166	71	78	16	2	333	175	86	78	15	3	356	146	135	278	218	295	1073	57	155	434	418	561	1625		
Dalton, GA	GA	0	16	0	0	0	0	16	0	0	0	0	0	0	26	8	6	2	0	42	57	9	4	0	1	72		
Danbury, CT-NY	CT	0	11	2	3	1	0	16	5	2	1	0	0	8	5	6	8	3	3	24	15	14	32	26	27	116		
Danville, IL	IL	1	6	1	1	0	0	9	0	0	0	0	0	0	16	6	5	1	1	29	3	15	2	1	1	24		
Daphne-Fairhope, AL	AL	0	9	0	0	0	0	10	0	0	0	0	0	0	18	1	0	0	0	20	59	17	8	2	2	88		
Davenport, IA-IL	IA	111	27	2	2	1	0	33	0	0	0	0	0	0	14	11	13	7	7	51	0	0	0	0	0	0		
Davenport, IA-IL	IL	1	34	4	4	1	0	44	1	1	1	0	0	4	24	11	14	9	8	65	18	7	15	17	26	82		
Davis, CA	CA	31	4	0	0	0	0	4	4	0	0	0	0	5	0	0	2	2	1	5	0	0	0	0	0	0		
Dayton, OH	OH	1	74	6	6	2	0	89	14	5	5	2	1	27	54	40	54	30	32	210	76	43	73	41	54	287		
Decatur, AL	AL	2	7	0	0	0	0	7	0	0	0	0	0	0	44	3	3	1	1	51	6	15	18	5	8	53		
Decatur, IL	IL	1	12	1	1	1	0	13	4	1	2	2	0	9	16	10	16	8	4	54	13	10	17	17	14	72		
DeKalb, IL	IL	0	10	0	0	0	0	11	0	0	0	0	0	0	5	3	5	1										



# FUNCTIONAL SYSTEM LENGTH - 2019

## MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73  
SHEET 4 OF 8

September 30, 2020

FEDERAL-AID URBANIZED AREA (3)	STATE	UN- REPORTED (4)	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)													INTERNATIONAL ROUGHNESS INDEX (I) / PRESENT SERVICEABILITY RATING (PSR) (2)											
			INTERSTATE					TOTAL REPORTED	OTHER FREEWAYS & EXPRESSWAYS					TOTAL REPORTED	OTHER PRINCIPAL ARTERIAL					TOTAL REPORTED	MINOR ARTERIAL (5)						
			< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220	TOTAL REPORTED	
Greenville, SC	SC	4	32	5	2	1	1	42	8	4	2	0	0	14	38	17	26	9	6	97	56	49	98	52	24	278	
Guayama, PR	PR	6	0	0	0	1	1	0	0	0	0	0	0	1	1	3	2	3	6	0	1	6	7	9	24		
Gulfport, MS	MS	0	35	2	3	1	1	42	0	0	1	0	0	2	51	13	19	7	4	95	30	22	35	23	22	133	
Hagerstown, MD--WV--PA	MD	0	22	0	1	0	1	24	0	0	0	0	0	0	12	5	5	3	2	28	21	9	16	13	5	66	
Hagerstown, MD--WV--PA	PA	0	5	0	0	0	0	5	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	1	0	2	
Hagerstown, MD--WV--PA	WV	0	21	3	1	0	0	25	0	0	0	0	0	0	6	3	3	1	1	14	5	10	16	4	4	46	
Hammond, LA	LA	1	28	2	2	1	0	34	0	0	0	0	0	0	4	2	3	2	3	14	0	18	0	3	6	25	
Hanford, CA	CA	30	0	0	0	0	0	0	11	1	1	1	0	13	5	2	4	2	1	14	19	3	0	0	0	22	
Hanover, PA	PA	16	0	0	0	0	0	0	3	3	0	0	0	7	30	9	9	3	2	53	4	3	3	2	1	12	
Harrison, TX	TX	0	26	2	2	0	0	31	0	0	0	0	0	22	11	13	4	3	3	54	28	8	11	6	4	58	
Harrisburg, PA	PA	17	73	9	7	3	1	93	20	8	8	3	0	39	41	23	26	14	13	117	33	43	59	21	12	167	
Harrisonburg, VA	VA	3	11	1	0	0	0	13	0	0	0	0	0	12	7	6	1	0	0	26	10	6	9	5	3	31	
Hartford, CT	CT	0	67	8	6	1	0	83	53	8	6	2	0	69	52	54	68	33	27	232	62	73	149	89	77	463	
Hattiesburg, MS	MS	0	3	1	0	0	0	4	1	0	0	0	0	0	3	6	6	3	3	48	11	12	15	13	13	64	
Hazleton, PA	PA	0	4	3	3	0	0	10	0	0	0	0	0	0	6	3	4	3	2	18	7	6	7	5	7	32	
Hemet, CA	CA	21	0	0	0	0	0	0	0	0	0	0	0	0	3	3	9	4	2	21	0	0	0	0	0	20	
Hickory, NC	NC	12	35	2	2	1	0	40	8	0	0	0	0	9	52	26	18	6	6	108	65	59	51	9	13	196	
High Point, NC	NC	7	19	3	7	2	1	31	15	1	0	0	0	18	10	9	14	6	4	42	42	14	57	25	21	160	
Hilton Head Island, SC	SC	10	0	0	0	0	0	0	0	0	0	0	0	0	11	7	5	2	0	25	1	3	5	2	1	11	
Hinewille, GA	GA	0	0	0	0	0	0	0	0	0	0	0	0	0	14	1	0	0	0	15	15	8	8	2	1	34	
Holland, MI	MI	0	9	1	0	0	0	12	0	1	1	0	0	3	12	3	5	4	2	26	22	20	19	12	2	84	
Homosassa Springs--Beverly Hills--Citrus Springs, FL	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	54	9	4	1	0	67	21	7	0	0	0	28	
Hot Springs, AR	AR	0	0	0	0	0	0	0	9	4	3	1	0	17	7	9	13	10	5	45	5	18	9	0	0	32	
Houma, LA	LA	16	0	0	0	0	0	0	3	2	3	1	0	16	7	5	8	4	6	30	86	38	25	2	13	163	
Houston, TX	TX	105	87	53	12	2	229	133	67	84	20	2	396	234	139	203	154	229	969	142	175	285	335	712	1655		
Huntington, WV--KY--OH	KY	1	0	0	0	0	0	0	0	0	0	0	0	0	27	5	4	2	1	39	10	5	7	2	1	28	
Huntington, WV--KY--OH	OH	0	0	0	0	0	0	0	15	2	4	1	1	23	8	1	1	1	0	11	10	2	2	1	3	18	
Huntington, WV--KY--OH	WV	23	36	2	2	1	0	42	0	0	0	0	0	2	11	8	6	3	3	30	17	11	17	17	18	80	
Huntsville, AL	AL	33	13	1	1	1	0	17	12	3	1	0	0	16	62	8	6	2	3	81	68	40	35	5	4	153	
Idaho Falls, ID	ID	13	5	0	0	0	0	5	7	0	1	0	0	8	13	5	6	4	3	30	30	4	27	0	0	62	
Indianapolis, IN	IN	27	88	33	31	9	3	164	15	3	3	1	1	24	142	85	103	56	45	431	207	129	202	108	68	714	
Indio--Cathedral City, CA	CA	133	22	3	1	0	0	26	0	0	0	0	0	0	18	9	16	13	8	64	1	10	6	3	6	26	
Iowa City, IA	IA	88	12	1	1	0	0	15	0	0	0	0	0	18	4	3	1	1	1	26	0	0	0	0	0	0	
Ithaca, NY	NY	1	0	0	0	0	0	0	4	1	0	1	0	6	5	2	2	2	2	13	6	3	19	12	8	49	
Jackson, MI	MI	0	5	1	3	1	0	9	10	3	1	0	0	14	6	6	8	8	8	35	12	13	14	14	27	80	
Jackson, MS	MS	0	87	4	10	3	0	84	0	0	0	0	0	100	53	61	36	59	310	45	37	80	60	95	316		
Jackson, TN	TN	96	9	2	1	0	0	12	0	0	0	0	0	16	8	9	3	2	3	35	0	0	0	0	0	0	
Jacksonville, FL	FL	15	93	8	8	3	1	114	33	6	9	5	2	54	126	24	15	5	3	174	122	32	63	20	10	247	
Jacksonville, NC	NC	5	0	0	0	0	0	0	7	1	1	0	0	10	16	7	3	1	0	27	10	5	7	6	3	31	
Janesville, WI	WI	88	4	1	1	0	0	7	3	2	2	0	0	7	9	6	7	7	6	36	0	0	0	0	0	0	
Jefferson City, MO	MO	0	0	0	0	0	0	0	34	3	3	1	0	40	2	1	0	0	0	3	6	7	23	14	20	70	
Johnson City, TN	TN	100	14	1	1	0	0	15	0	0	0	0	0	0	47	4	4	1	0	58	1	0	1	0	0	3	
Johnstown, PA	PA	1	0	0	0	0	0	0	6	1	1	0	0	0	10	0	8	6	4	5	33	10	10	14	5	7	46
Jonesboro, AR	AR	1	12	1	1	0	0	14	1	1	2	0	0	5	30	8	4	1	1	43	4	34	30	15	4	87	
Joplin, MO	MO	0	11	0	1	0	0	12	8	1	1	0	0	8	24	3	4	1	1	33	16	10	27	9	15	77	
Juana Diaz, PR	PR	10	2	1	1	0	0	5	0	0	0	0	0	0	0	1	1	1	4	7	0	0	1	2	5	8	
Kahului, HI	HI	0	0	0	0	0	0	0	0	0	0	0	0	0	14	5	8	3	1	30	3	2	2	0	0	7	
Kaui (Honolulu County)--Kaneohe, HI	HI	0	3	2	3	1	0	8	2	2	1	1	0	6	5	8	5	5	5	29	0	0	1	1	2	5	
Kalamazoo, MI	MI	0	18	2	1	0	0	21	12	3	2	0	0	17	19	18	22	10	8	77	56	38	54	24	15	186	
Kankakee, IL	IL	0	16	2	2	0	0	20	0	0	0	0	0	0	8	5	4	3	3	23	18	5	15	7	5	49	
Kansas City, MO--KS	KS	14	59	11	11	4	2	86	42	6	4	2	1	54	17	4	9	6	4	40	54	84	135	80	39	392	
Kansas City, MO--KS	MO	0	125	12	15	3	1	157	80	15	19	6	4	105	64	25	33	13	9	144	54	86	193	143	133	606	
Kennewick--Pasco, WA	WA	2	22	6	2	0	0	30	22	5	5	1	1	34	15	11	17	6	4	53	60	25	13	8	132		
Kenosha, WI--IL	WI	71	3	1	1	0	0	5	0	0	0	0	0	11	7	16	14	5	52	0	0	0	0	0	0	0	
Killeen, TX	TX	0	20	1	0	0	0	20	1	0	0	0	0	1	36	11	10	4	2	62	12	9	16	17	8	63	
Kingsport, TN--VA	TN	164	25	1	0	0	0	26	6	1	1	0	0	7	31	4	3	1	0	40	1	0					



# FUNCTIONAL SYSTEM LENGTH - 2019

## MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73  
SHEET 6 OF 8

September 30, 2020

FEDERAL-AID URBANIZED AREA (3)	STATE	UN- REPORTED (4)	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)																	INTERNATIONAL ROUGHNESS INDEX (1) / PRESENT SERVICEABILITY RATING (PSR) (2)																											
			INTERSTATE					OTHER FREEWAYS & EXPRESSWAYS					OTHER PRINCIPAL ARTERIAL							MINOR ARTERIAL (5)					TOTAL																						
			< 95	95-119	120-169	170-220	> 220	TOTAL	< 95	95-119	120-169	170-220	> 220	TOTAL	< 95	95-119	120-169	170-220	> 220	TOTAL	< 95	95-119	120-169	170-220		> 220																					
																												REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED	REPORTED
Menessen-California, PA	PA	5	9	1	1	0	0	12	7	2	1	0	0	0	11	15	6	6	2	1	30	17	14	13	8	1	53																				
Monroe, LA	LA	2	13	1	2	1	18	0	0	0	0	0	0	0	14	4	6	6	7	37	1	6	3	4	0	14																					
Monroe, MI	MI	0	6	1	1	1	11	0	0	0	0	0	0	0	4	4	3	2	1	14	10	9	11	6	11	47																					
Montgomery, AL	AL	3	32	3	2	1	38	8	1	1	0	0	11	60	11	10	5	5	92	65	31	32	18	14	161																						
Morgantown, WV	WV	3	22	1	1	1	25	1	2	1	0	0	4	4	5	4	2	5	21	4	5	8	7	8	32																						
Morristown, TN	TN	36	1	0	0	0	2	0	0	0	0	0	0	35	6	6	2	0	50	0	0	0	0	0	0	45																					
Mount Vernon, WA	WA	9	7	0	0	0	7	0	0	0	0	0	0	6	2	3	1	2	14	14	9	10	9	3	48																						
Munira, NY	NY	2	0	0	0	0	0	0	0	0	0	0	0	7	10	12	15	5	49	14	16	30	25	13	98																						
Murieta-Temecula-Menifee, CA	CA	91	30	5	6	1	42	0	0	0	0	0	0	2	4	8	8	6	27	0	0	0	7	3	10																						
Muskegon, MI	MI	0	9	0	0	0	9	17	1	1	0	0	19	16	10	18	7	5	55	56	28	29	12	17	142																						
Wynne Beach-Socastee, SC-NC	NC	0	0	0	0	0	0	0	0	0	0	0	0	15	1	0	0	0	16	0	0	0	0	0	0																						
Wynne Beach-Socastee, SC-NC	SC	26	0	0	0	0	0	16	2	2	1	0	20	36	22	26	12	64	101	15	6	43	21	19	104																						
Nampa, ID	ID	59	15	2	2	0	19	0	0	0	0	0	0	25	8	8	4	5	50	39	0	33	18	0	90																						
Napa, CA	CA	13	0	0	0	0	0	9	1	0	0	0	9	2	2	5	4	6	19	1	2	0	0	0	4																						
Nashua, NH-MA	MA	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	2	1	9	0	0	0	0	0	0																						
Nashua, NH-MA	NH	0	11	0	0	0	12	17	0	0	0	0	17	36	8	9	4	62	37	23	23	15	12	0	110																						
Nashville-Davidson, TN	TN	441	152	13	7	2	175	60	5	6	2	0	72	264	62	61	26	17	430	0	1	0	0	0	0	1																					
Newark, OH	OH	0	2	1	0	0	3	12	1	1	1	0	15	16	3	2	1	1	23	9	5	9	2	1	25																						
New Bedford, MA	MA	139	14	0	0	0	15	16	1	1	0	0	17	2	2	4	3	5	14	0	0	7	6	3	10																						
New Bern, NC	NC	1	0	0	0	0	0	7	1	1	0	0	11	14	4	5	2	3	28	2	1	4	1	3	1																						
New Haven, CT	CT	0	57	6	4	0	67	32	5	3	1	0	41	21	23	36	19	14	114	47	63	105	52	43	309																						
New Orleans, LA	LA	152	20	7	26	5	60	0	0	2	3	1	7	52	20	25	16	14	127	24	36	57	43	31	190																						
New York-Newark, NY-NJ-CT	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																						
New York-Newark, NY-NJ-CT	NJ	0	163	21	28	17	13	265	184	23	29	13	81	312	158	237	197	283	1164	690	170	424	501	462	2346																						
New York-Newark, NY-NJ-CT	NY	133	94	49	47	27	29	246	103	84	131	87	64	469	100	148	310	286	592	1435	117	199	611	642	961																						
Norman, OK	OK	84	8	1	1	0	0	10	3	1	0	0	4	10	5	3	1	1	19	0	0	0	0	0	0																						
North Port-Port Charlotte, FL	FL	0	14	0	0	0	15	0	0	0	0	0	0	31	5	7	1	1	44	36	11	10	3	1	60																						
Norwich-New London, CT-RI	CT	0	52	2	1	0	54	6	2	3	1	0	11	16	9	13	5	3	46	17	19	41	18	10	105																						
Norwich-New London, CT-RI	RI	0	0	0	0	0	0	4	0	0	0	0	4	2	1	2	2	3	11	3	3	5	4	2	19																						
Ocala, FL	FL	0	16	0	0	0	0	0	0	0	0	0	0	45	9	5	1	0	60	55	17	5	3	1	81																						
Odessa, TX	TX	0	20	1	1	0	22	6	0	0	0	0	6	61	16	15	7	7	105	27	5	13	12	15	72																						
Ogden-Layton, UT	UT	2	55	7	4	0	66	11	0	0	0	0	11	85	22	19	6	2	134	45	25	38	15	13	136																						
Oklahoma City, OK	OK	703	92	15	14	8	92	28	6	4	1	0	38	24	12	16	12	9	73	0	2	10	12	6	29																						
Olympia-Lacey, WA	WA	13	15	1	1	0	19	7	0	0	0	0	8	7	8	13	7	7	41	48	13	36	6	8	111																						
Omaha, NE-IA	IA	81	8	4	3	1	1	17	0	0	0	0	0	2	3	3	2	4	14	0	0	0	0	0	0																						
Omaha, NE-IA	NE	95	22	6	5	1	1	38	35	13	7	6	8	70	9	15	36	33	62	155	97	47	8	4	194																						
Oriando, FL	FL	14	23	6	6	3	2	41	140	13	6	0	1	159	165	46	32	9	5	256	165	83	72	13	11																						
Oshkosh, WI	WI	0	40	8	2	0	0	2	0	0	0	0	2	2	3	12	6	7	31	0	0	0	0	0	0																						
Owensboro, KY	KY	3	0	0	0	0	0	0	9	2	2	0	13	4	2	4	3	1	13	10	9	11	4	4	39																						
Oxnard, CA	CA	87	0	0	0	0	0	9	3	5	2	0	19	17	21	29	18	10	94	0	1	1	1	1	4																						
Palm Bay-Melbourne, FL	FL	0	40	0	0	0	0	40	10	2	1	0	13	105	26	19	7	4	162	74	22	29	14	11	11																						
Palm Coast-Daytona Beach-Port Orange, FL	FL	0	49	3	2	1	0	55	0	0	0	0	0	121	33	23	7	2	185	33	20	23	8	4	89																						
Panama City, FL	FL	0	0	0	0	0	0	0	0	0	0	0	0	48	8	3	1	0	61	40	6	8	2	0	56																						
Parkersburg, WV-OH	OH	0	0	0	0	0	0	0	0	0	0	0	0	7	3	2	0	0	14	1	2	3	0	0	7																						
Parkersburg, WV-OH	WV	0	9	0	0	0	0	10	0	0	0	0	0	14	4	7	2	3	30	12	15	12	5	4	49																						
Pascagoula, MS	MS	0	2	0	0	0	0	2	0	0	0	0	0	28	5	6	2	2	42	12	4	6	4	3	30																						
Pensacola, FL-AL	AL	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	6	4	0	0	0	0	5																						
Pensacola, FL-AL	FL	6	31	1	2	1	34	0	0	0	0	0	0	56	10	9	4	2	82	88	33	28	7	5	161																						
Peoria, IL	IL	5	30	3	3	1	1	37	1	0	5	3	11	26	16	22	10	9	94	47	27	24	26	32	156																						
Petaluma, CA	CA	19	0	0	0	0	0	0	3	1	1	1	0	7	0	1	1	3	4	0	0	0	0	0	0																						
Philadelphia, PA-NJ-DE-MD	DE	5	20	9	6	3	1	38	5	3	2	0	10	56	22	25	13	11	127	26	24	29	16	16	110																						
Philadelphia, PA-NJ-DE-MD	MD	1	8	1	0	0	0	0	0	0	0	0	0	21	2	1	0	1	25	17	6	9	4	3	38																						
Philadelphia, PA-NJ-DE-MD	NJ	0	45	9	8	3	3	67	86	11	7	3	11	89	87	42	67	55	69	319	122	66	195	143	650																						
Philadelphia, PA-NJ-DE-MD	PA	83	93	23	15	7	7	165	95	28	33	11	7	144	88	144	307	183	194	917	50	127	320	248	934																						
Phoenix-Mesa, AZ	AZ	180	68	6	4	1	1	69	171	21	18	2	0	212	58	48	100	62	27	294	205	281	595	306	141																						
Pine Bluff, AR	AR	4	10	2	4	1	0	17	0	0	0	0	0	11	7	8	3	1	30	19	13	1	32	0	65																						

## FUNCTIONAL SYSTEM LENGTH - 2019

### MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

September 30, 2020

TABLE HM-73  
SHEET 7 OF 8

FEDERAL-AID URBANIZED AREA (3)	STATE	UN- REPORTED (4)	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)											INTERNATIONAL ROUGHNESS INDEX (1) / PRESENT SERVICEABILITY RATING (PSR) (2)															
			INTERSTATE					TOTAL REPORTED	OTHER FREEWAYS & EXPRESSWAYS					TOTAL REPORTED	OTHER PRINCIPAL ARTERIAL					TOTAL REPORTED									
			< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220										
								MINOR ARTERIAL (5)																					
<=3.5	3.1-3.4	2.6-3.0	2.1-2.5	>=2.0																									
Port St. Lucie, FL	FL	3	21	0	1	0	0	0	22	22	1	1	0	0	24	54	24	28	7	4	117	>=3.5	73	43	43	45	18	7	185
Pottstown, PA	PA	0	0	0	0	0	0	0	0	2	3	2	1	1	8	11	12	15	5	4	46	11	7	7	4	4	4	40	
Poughkeepsie-Newburgh, NY-NJ	NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	12	1	1	0	0	0	23	
Poughkeepsie-Newburgh, NY-NJ	NY	13	45	11	9	3	2	69	69	15	5	4	4	1	28	55	27	38	15	6	141	82	62	58	39	19	260		
Prescott Valley-Prescott, AZ	AZ	3	0	0	0	0	0	0	0	12	1	1	0	0	14	12	3	2	1	0	18	19	7	12	3	3	44		
Providence, RI-MA	MA	113	32	1	1	1	1	0	35	10	2	2	1	0	15	5	9	20	10	9	54	5	18	41	25	18	107		
Providence, RI-MA	RI	26	43	4	4	1	0	52	52	35	10	8	3	0	57	25	30	88	78	99	320	25	38	91	75	82	312		
Prow-Driem, UT	UT	3	32	7	1	1	0	49	49	0	0	0	0	0	0	56	25	20	5	3	110	16	17	34	19	20	107		
Pueblo, CO	CO	3	10	2	3	0	0	0	16	18	9	5	1	0	32	5	4	6	2	2	19	13	27	39	26	45	150		
Racine, WI	WI	71	1	0	2	1	0	5	0	0	0	0	0	0	6	12	20	10	9	58	0	0	0	0	0	0	0		
Raleigh, NC	NC	10	71	13	4	1	0	89	89	33	3	4	1	0	41	93	31	29	9	6	187	91	152	148	32	42	465		
Rapid City, SD	SD	2	18	4	1	1	0	25	25	5	4	2	0	0	12	8	4	4	1	1	18	10	10	24	13	12	69		
Reading, PA	PA	3	6	1	1	0	0	8	8	16	6	4	1	1	28	23	15	17	7	7	69	19	16	34	17	16	102		
Redding, CA	CA	59	21	1	0	0	0	23	0	0	0	0	0	0	19	3	6	2	1	31	11	4	21	11	0	47			
Reno, NV-CA	NV	1	21	10	7	1	0	40	11	2	2	0	0	0	16	47	17	27	10	9	109	41	40	56	36	29	203		
Richmond, VA	VA	327	99	20	13	3	1	136	136	45	12	6	1	0	64	44	58	93	32	14	241	14	46	65	35	14	173		
Riverside-San Bernardino, CA	CA	429	54	24	27	8	3	116	28	17	19	6	1	70	21	21	62	50	47	201	120	53	63	1	1	33	269		
Roanoke, VA	VA	35	23	3	1	0	0	27	3	0	0	0	0	4	28	16	14	6	1	65	30	22	21	7	1	82			
Rochester, MN	MN	0	0	0	0	0	0	0	6	4	3	0	0	0	14	8	0	0	0	0	8	23	2	33	5	2	65		
Rochester, NY	NY	5	48	11	8	1	0	66	31	9	6	1	0	47	51	33	29	10	8	131	179	85	99	32	44	420			
Rockford, IL	IL	0	26	3	2	1	0	32	6	3	2	1	0	13	34	20	36	27	30	146	8	17	51	36	37	149			
Rock Hill, SC	SC	0	6	0	0	0	0	6	0	1	1	1	0	0	5	15	13	13	5	5	51	5	9	16	18	8	56		
Rocky Mount, NC	NC	1	3	0	0	0	0	4	12	1	0	0	0	0	14	17	6	7	3	3	36	13	11	9	12	6	67		
Rome, GA	GA	0	0	0	0	0	0	0	4	0	0	0	0	0	42	7	7	1	1	56	0	7	10	9	2	1	59		
Round Lake Beach-McHenry-Grayslake, IL-WI	WI	7	0	0	0	0	0	0	0	0	0	0	0	0	8	3	4	8	5	0	20	0	0	0	0	0	0	107	
Sacramento, CA	CA	451	35	13	10	2	2	63	57	7	6	1	1	72	15	28	93	93	108	336	0	0	0	0	1	2	2		
Saginaw, MI	MI	0	9	1	7	2	0	19	0	0	0	0	0	0	7	8	24	15	8	71	9	18	38	22	28	115			
Salem, OR	OR	0	12	2	1	0	0	15	9	2	1	1	0	0	12	17	17	14	8	5	60	87	12	7	1	0	107		
Salinas, CA	CA	12	0	0	0	0	0	0	11	2	4	2	1	8	5	10	8	8	0	0	39	0	4	11	4	0	18		
Salisbury, MD-DE	DE	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	2	1	0	11	3	0	1	1	0	0	5		
Salisbury, MD-DE	MD	0	0	0	0	0	0	0	12	1	1	0	0	0	14	26	3	2	0	1	32	21	5	6	3	2	36		
Salt Lake City-West Valley City, UT	UT	10	36	15	15	3	0	66	4	0	0	0	0	8	122	42	47	17	12	240	28	34	61	37	50	211			
San Angelo, TX	TX	1	0	0	0	0	0	0	12	1	1	0	0	0	13	25	4	2	0	31	5	7	15	7	23	37			
San Antonio, TX	TX	16	139	20	13	4	0	177	56	14	8	1	0	80	101	69	93	56	55	373	87	105	209	135	219	754			
San Diego, CA	CA	764	104	28	23	4	0	160	51	34	28	5	2	120	21	28	82	78	86	296	0	10	5	0	0	0	15		
San Francisco-Oakland, CA	CA	378	67	23	34	17	4	145	52	16	21	10	4	104	14	23	79	90	240	446	0	108	111	115	147	481			
San German-Cabo Rojo-Sabana Grande, PR	PR	28	3	3	3	1	1	10	0	0	0	0	0	0	0	1	5	3	3	7	16	0	0	0	0	0	0	32	
San Jose, CA	CA	400	19	10	9	2	1	40	25	19	21	8	6	80	15	18	71	76	109	289	0	0	0	0	0	0	0		
San Juan, PR	PR	126	26	19	27	16	13	100	7	5	8	9	15	44	5	10	48	63	117	243	0	3	24	62	313	402			
San Luis Obispo, CA	CA	28	0	0	0	0	0	0	6	1	0	0	0	0	6	3	3	3	2	1	11	0	0	0	0	0	0		
San Marcos, TX	TX	2	9	0	0	0	0	0	16	0	0	0	0	0	0	2	4	1	1	17	3	1	1	3	3	13			
Santa Barbara, CA	CA	46	0	0	0	0	0	0	21	8	6	2	0	38	8	6	12	11	16	54	0	0	10	12	2	24			
Santa Clarita, CA	CA	36	1	1	6	4	2	14	7	1	1	0	0	10	4	10	15	7	5	40	0	0	0	0	0	0	0		
Santa Cruz, CA	CA	14	0	0	0	0	0	0	5	5	9	1	0	20	1	2	3	3	7	16	8	2	31	18	5	63			
Santa Fe, NM	NM	0	13	1	0	0	0	14	0	0	0	0	0	0	21	8	8	9	3	4	45	17	8	13	15	19	62		
Santa Maria, CA	CA	49	0	0	0	0	0	0	11	1	0	0	0	12	6	3	4	3	1	17	0	0	11	0	2	0	13		
Santa Rosa, CA	CA	50	0	0	0	0	0	0	19	4	6	3	0	31	8	7	9	7	8	40	38	3	11	7	4	63			
Sarasota-Bradenton, FL	FL	1	30	0	1	1	0	32	0	0	0	0	0	0	96	26	18	5	4	148	63	19	20	7	3	112			
Saratoga Springs, NY	NY	0	12	5	2	0	0	19	0	0	1	0	0	2	17	5	6	3	4	34	4	8	9	3	5	29			
Savannah, GA	GA	0	38	4	3	3	2	50	8	4	5	4	3	24	45	17	17	8	8	98	37	32	45	17	17	148			
Scranton, PA	PA	12	50	6	9	4	4	73	11	3	5	1	1	21	30	21	33	18	17	118	45	40	43	27	58	213			
Seaside-Monterey, CA	CA	25	0	0	0	0	0	0	7	1	1	1	1	12	11	4	6	9	5	35	1	0	12	2	0	15			
Seattle, WA	WA	120	86	17	15	7	2	128	98	20	20	9	3	151	128	121	208	123	158	736	103	146	385	211	246	1092			
Sebastian-Vero Beach South-Florida Ridge, FL	FL	0	2	0	0	0	0	2	0	0	0	0	0	0	49	15	6	2	1	75	0	0	8	11	1	76			
Sebring-Avon Park, FL	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	30	2	1	0	0	34	1	1	2	1	0	6			
Sheboygan, WI	WI	55	8	1	0	0	0	9	3	0	0	0	0	3	5	1	6	4	2	18	0	0	0	0	0	0	0		
Sherman, TX	TX	0	0	0	0	0	0	0	5	4	6	3	1	16	11	3	8	2	2	25	33	9	17	5	5	68			
Shreveport, LA	LA	40	25	7	18	11	3	144	11	1	2	5	2	10	21	12	25	20	14	82	9	2	53	5	82	152			
Sierra Vista, AZ	AZ	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	1	0	10	9	8	12	3	1	32			
Simi Valley, CA	CA	37	0	0	0	0	0	0	6	2	1	1	0	11	0	0	3	3	2	8	0	0	5	8	0	13			
Sioux City, IA-NE-SD	IA	76	9	2	1	0	0	12	0	0	0	0	0	0	11	10	10	5	3	40	0	0	0	0	0	0	0		
Sioux City, IA-NE-SD	NE	6	3	0	0	0	0	3	11	1	2	1	2	6	0	0	1	0	0	2	4	5	3	1	0	11			
Sioux City, IA-NE-SD	SD	0	5	1																									

## FUNCTIONAL SYSTEM LENGTH - 2019

### MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73  
SHEET 8 OF 8

September 30, 2020

FEDERAL-AID URBANIZED AREA (3)	STATE	UN- REPORTED (4)	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)															INTERNATIONAL ROUGHNESS INDEX (1) / PRESENT SERVICEABILITY RATING (PSR) (2)									
			INTERSTATE					TOTAL REPORTED	OTHER FREEWAYS & EXPRESSWAYS					TOTAL REPORTED	OTHER PRINCIPAL ARTERIAL					TOTAL REPORTED	MINOR ARTERIAL (5)						
			< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		
< 95	95-119	120-169	170-220	> 220	< 95	95-119	120-169	170-220	> 220	< 95	95-119	120-169	170-220	> 220	< 95	95-119	120-169	170-220	> 220	< 95	95-119	120-169	170-220	> 220			
Spartanburg, SC	SC	0	36	1	1	0	0	38	9	1	0	0	0	10	24	12	17	4	3	59	22	23	31	26	7	109	
Spokane, WA	WA	2	22	4	2	0	0	27	12	4	2	1	0	18	51	26	46	27	29	179	27	28	74	44	42	215	
Springfield, IL	IL	1	34	1	1	1	0	37	0	0	0	0	0	28	12	15	9	5	69	36	23	23	17	22	121		
Springfield, MA-CT	CT	0	11	0	0	0	0	11	4	0	0	0	0	5	7	6	12	6	1	33	15	13	19	11	62		
Springfield, MA-CT	MA	224	58	5	6	2	1	71	6	3	2	1	0	12	49	37	58	38	36	218	49	25	95	12	10	191	
Springfield, MO	MO	0	17	0	0	0	0	18	57	7	6	2	1	73	29	10	11	4	3	57	13	18	47	23	18	120	
Springfield, OH	OH	0	9	2	1	0	0	11	7	1	1	0	0	9	6	4	7	4	3	29	17	10	16	5	9	58	
Spring Hill, FL	FL	0	0	0	0	0	0	0	11	0	0	0	0	12	39	4	3	1	0	48	36	3	4	1	1	50	
State College, PA	PA	0	6	1	1	0	0	9	4	0	0	0	0	5	16	5	6	1	1	29	11	6	3	0	0	25	
St. Augustine, FL	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	2	1	0	26	14	11	6	2	0	32	
Staunton-Waynesboro, VA	VA	7	11	0	0	0	0	11	7	1	0	0	0	7	8	4	4	1	0	16	21	11	8	3	0	43	
St. Cloud, MN	MN	7	4	0	0	0	0	5	0	0	0	0	0	0	34	5	5	1	1	47	32	2	18	2	19	74	
St. George, UT	UT	3	13	1	0	0	0	14	12	2	1	0	0	16	5	3	7	3	2	20	6	9	20	18	14	67	
St. Joseph, MO-KS	KS	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	7	3	1	2	2	1	9	
St. Joseph, MO-KS	MO	0	12	2	2	1	1	18	4	0	1	0	0	6	16	5	4	2	2	29	3	6	11	10	13	42	
St. Louis, MO-IL	IL	8	56	7	15	9	4	91	16	2	4	1	0	34	109	40	46	17	9	221	99	62	84	28	20	290	
St. Louis, MO-IL	MO	0	154	16	17	6	2	195	63	19	14	4	1	102	112	56	81	49	48	346	56	67	142	118	113	495	
Stockton, CA	CA	48	15	3	2	1	0	21	15	2	2	1	0	20	11	11	25	17	25	88	6	3	2	0	0	22	
Sumter, SC	SC	0	0	0	0	0	0	0	4	1	1	0	0	8	15	7	11	4	2	38	10	16	17	4	7	55	
Syracuse, NY	NY	3	45	10	9	3	0	77	25	4	1	0	0	32	35	15	17	10	14	92	74	43	51	26	32	226	
Tallahassee, FL	FL	0	20	0	1	0	0	21	0	0	0	0	0	0	53	9	5	2	1	69	54	27	19	7	4	111	
Tampa-St. Petersburg, FL	FL	10	107	9	9	3	1	129	37	4	4	0	0	46	310	75	59	15	9	467	232	110	142	48	40	572	
Temple, TX	TX	0	18	3	2	0	0	23	4	0	1	0	0	5	27	7	7	3	1	44	15	7	9	3	1	36	
Terra Haute, IN	IN	6	11	2	2	1	0	14	0	2	0	0	0	0	39	9	12	6	2	61	70	28	6	6	6	83	
Texarkana-Texarkana, TX-AR	AR	0	16	4	2	0	0	22	1	1	0	0	0	2	9	3	2	3	2	3	18	6	11	7	10	0	45
Texarkana-Texarkana, TX-AR	TX	0	10	1	1	0	0	12	1	1	2	0	0	4	15	4	6	3	5	34	9	9	11	9	9	47	
Texas City, TX	TX	0	10	2	3	1	0	15	1	1	2	1	0	5	37	7	11	5	2	62	28	4	11	7	6	56	
Thousand Oaks, CA	CA	85	0	0	0	0	0	0	10	5	0	0	0	24	4	7	19	12	8	50	1	3	3	0	0	0	
Toledo, FL	FL	0	12	0	0	0	0	12	3	0	0	0	0	3	19	5	4	1	1	30	0	7	4	1	0	13	
Toledo, OH-MI	MI	0	1	0	0	0	0	1	0	1	0	0	0	2	1	3	3	4	1	0	7	14	10	4	2	44	
Toledo, OH-MI	OH	0	27	7	5	3	1	0	71	7	1	1	0	0	53	21	31	19	28	151	79	23	33	24	33	192	
Topoka, KS	KS	2	27	3	1	0	0	33	16	2	4	1	0	26	5	1	3	2	2	42	10	11	42	40	63	167	
Tracy, CA	CA	24	8	1	0	0	0	0	0	0	0	0	0	0	4	5	9	0	0	0	0	0	0	0	0	0	
Trenton, NJ	NJ	0	30	3	3	1	1	38	9	3	2	1	1	16	19	8	14	9	17	67	40	8	23	20	47	139	
Tucson, AZ	AZ	121	33	6	4	0	0	44	0	1	2	1	1	4	24	19	24	12	4	83	77	45	71	48	35	275	
Tulsa, OK	OK	703	27	10	9	2	1	50	56	16	16	8	1	96	41	14	14	7	3	78	7	6	55	15	2	102	
Turlock, CA	CA	0	20	0	0	0	0	0	13	1	0	0	0	0	15	1	1	4	1	14	0	0	0	0	0	0	
Tuscaloosa, AL	AL	11	12	2	0	0	0	15	0	0	0	0	0	0	37	13	12	3	3	68	8	10	30	8	0	85	
Twin Rivers-Hightstown, NJ	NJ	0	3	1	0	0	0	4	1	1	2	1	0	4	6	3	4	4	4	24	10	0	10	4	10	33	
Tyler, TX	TX	2	0	0	0	0	0	0	0	0	0	0	0	0	83	20	14	6	2	121	14	9	18	8	10	58	
Uniontown-Cornellville, PA	PA	3	0	0	0	0	0	3	12	5	0	0	0	0	21	6	6	3	1	31	1	5	1	1	1	18	
Urban Honolulu, HI	HI	0	10	8	16	8	4	46	4	4	9	4	6	28	5	7	18	17	32	79	2	5	18	20	36	81	
Utica, NY	NY	2	24	2	1	1	0	28	36	8	6	1	0	52	36	15	16	9	6	82	13	34	50	12	9	119	
Vacaville, CA	CA	18	11	1	0	0	0	13	0	0	0	0	0	0	3	9	6	3	22	0	0	0	0	0	0	0	
Vaidosa, GA	GA	0	20	0	0	0	0	0	0	0	0	0	0	0	34	4	4	3	42	56	6	4	2	0	0	81	
Vallejo, CA	CA	41	14	2	2	1	0	18	1	2	1	0	0	5	1	4	9	8	24	47	0	1	9	8	0	0	
Victoria, TX	TX	2	0	0	0	0	0	0	5	1	0	0	0	6	39	8	6	3	2	58	0	2	10	15	14	41	
Victorville-Hesperia, CA	CA	311	8	6	2	0	0	16	0	0	0	0	0	0	19	11	17	7	3	58	0	0	0	0	0	0	
Wallas, NJ	NJ	0	0	0	0	0	0	0	9	2	0	0	0	0	12	2	2	2	3	11	12	3	12	3	3	33	
Vineland, NJ	NJ	0	0	0	0	0	0	0	16	1	2	1	1	21	6	4	4	3	4	23	4	18	49	30	21	121	
Virginia Beach, VA	VA	108	65	21	18	6	1	110	25	9	6	2	1	43	70	69	109	63	26	337	31	40	57	55	304		
Visalia, CA	CA	100	0	0	0	0	0	0	16	6	7	1	0	29	15	8	15	8	4	51	23	0	0	0	0	23	
Waco, TX	TX	3	17	3	2	1	0	23	15	1	2	1	1	19	22	13	15	5	1	55	30	8	18	17	51	124	
Waldorf, MD	MD	0	0	0	0	0	0	0	0	5	0	0	0	3	39	2	1	1	0	44	13	5	11	5	2	36	
Walla Walla, WA-OR	OR	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	1	0	0	7	0	0	0	0	0	3	
Walla Walla, WA-OR	WA	0	0	0	0	0	0	0	9	2	1	0	0	12	2	4	5	2	3	16	12	6	8	7	15	47	
Warner Robins, GA	GA	0	16	1	1	0	0	18	0	0	0	0	0	0	47	16	6	1	1	73	67	35	21	3	7	133	
Washington, DC-VA-MD	DC	2	12	2	3	2	3	12	1	2	4	3	4	15	0	0	7	15	81	104	0	0	5	15	132	153	
Washington, DC-VA-MD	VA	6	69	9	7	2	2	89	61	11	8	2	1	83	104	45	64	38	29	281	72	59	143	88	49	411	
Washington, DC-VA-MD	DC	262	72	16	7	2	0	97	74	15	14	3	1	107	90	53	70	46	29	289	52	85	121	36	12	305	
Waterbury, CT	CT	0	9	1	1	0	0	10	10	1	1	0	0	13	18	10	10	5	6	48	9	16	25	24	19	94	
Watertown, IA	IA	133	6	0	0	0	0	6	0	0	0	0	0	19	16	18	5	5	64	0	0	0	0	0	0	0	
Watertown, NY	NY	0	14	1	1	0	0	16	0	0	0	0	0	0	31	8	5										



**#REF!**

**MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING**

HM-73 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. Excludes structures and unpaved roadways.
- (2) 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. Excludes structures and unpaved roadways.
- (3) A "Federal-Aid Urbanized Area" is an area with 50,000 or more persons that at a minimum encompasses the land area delineated as the urbanized area by the Bureau of the Census. Urbanized areas or data may be missing or unreported in some States. Puerto Rico did not report 2014 data.
- (4) Column contains unreported IRI/PSR data for all displayed functional systems.
- (5) Estimated from sample data.