

Storm Report Summary - End of Season

From Winter Storm Reports, 2020-2021

General Notes: 1) Costs shown in table are estimated and do not include the Administrative Costs; 2) Material Costs includes Brine, Salt, Sand, and other Deicing and Anti-icing Agents; 3) Equipment Costs are based on an estimated \$80 per hour per unit; 4) Labor Costs are based on each County's average labor rate; 5) Total Salt Available = salt in sheds plus "early fill" plus "seasonal fill" plus "vendor reserve" available. 6) Some Material Costs are estimated. 7) Severity Indices in this table are not the official MDSS severity index used by WisDOT in other reports. 8) This report is sorted by TOTAL Cost per Lane Mile.

Region NC County	Lane Miles	Severity Index	Snow Amount (inches)	Events this Season			Freez. Rain Events	Total Salt Avail. (tons)	Total Salt Used (tons)	Total Salt Remain. (tons)	Salt Used per LM (tons)	Total Thaw- Rox (tons)	Total Clear- Lane (tons)	Total Sand Used (CY)	Total Reg. Hours	Total OT Hours	Estimated Cost Per Lane Mile				Estimated Total Cost to Date	Salt per LM per Severity Index
				Anti- Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
IRON	249.56	132.65	124.4	3	45	11	15	7,300	2,971	4,329	11.9	0	0	33	909.0	803.0	\$1,089	\$519	\$331	\$1,939	\$483,736	0.09
VILAS	307.26	124.72	80.4	3	46	23	27	9,550	3,146	6,404	10.2	0	0	854	1823.0	280.0	\$1,041	\$529	\$310	\$1,880	\$577,551	0.08
PRICE	320.19	106.72	69.8	10	38	18	16	6,700	3,199	3,501	10.0	0	0	0	1171.0	788.0	\$992	\$490	\$285	\$1,767	\$565,902	0.09
ONEIDA	396.79	107.25	61.7	7	36	12	20	10,450	3,148	7,302	7.9	0	0	691	2531.0	704.0	\$776	\$509	\$389	\$1,674	\$664,340	0.07
SHAWANO	524.17	64.79	49.9	5	27	18	7	10,288	4,311	5,977	8.2	0	0	256	2121.0	1127.0	\$640	\$674	\$331	\$1,644	\$861,875	0.13
MARATHON	874.81	79.09	40.8	26	30	26	9	15,400	8,050	7,350	9.2	0	22	301	2716.0	2564.0	\$876	\$430	\$307	\$1,612	\$1,410,482	0.12
LINCOLN	405.55	100.59	60.5	11	32	13	17	6,700	3,335	3,365	8.2	0	0	1060	1318.0	822.0	\$858	\$413	\$267	\$1,538	\$623,724	0.08
FLORENCE	141.07	84.27	56.9	5	31	13	11	3,680	1,335	2,345	9.5	0	0	138	535.0	122.0	\$851	\$353	\$160	\$1,364	\$192,462	0.11
FOREST	312.38	71.39	57.2	1	32	2	4	7,615	2,623	4,992	8.4	0	0	0	895.0	596.0	\$745	\$337	\$207	\$1,289	\$402,681	0.12
ADAMS	193.2	59.73	44.3	12	18	12	11	4,300	1,500	2,800	7.8	0	0	0	584.0	196.0	\$777	\$311	\$183	\$1,271	\$245,566	0.13
PORTAGE	577.47	66.86	51.0	13	27	14	9	9,039	2,839	6,200	4.9	0	0	555	3461.0	214.0	\$461	\$522	\$265	\$1,248	\$720,433	0.07
MENOMINEE	90.26	44.89	35.0	0	21	13	0	2,350	950	1,400	10.5	0	0	132	208.0	46.0	\$833	\$225	\$120	\$1,178	\$106,342	0.23
WAUPACA	549.78	52.64	38.5	5	17	11	5	11,400	4,190	7,210	7.6	0	0	162	1126.0	1054.0	\$635	\$320	\$217	\$1,172	\$644,161	0.14
MARQUETTE	245.75	64.34	42.4	10	24	11	8	4,850	1,219	3,631	5.0	0	0	70	652.0	538.0	\$542	\$339	\$282	\$1,163	\$285,743	0.08
WOOD	429.28	71.56	50.1	18	26	12	10	8,000	2,579	5,421	6.0	0	0	291	1036.0	833.0	\$587	\$319	\$233	\$1,139	\$489,083	0.08
GREEN LAKE	158.44	65.46	33.7	2	20	11	10	2,148	898	1,250	5.7	0	0	0	282.0	349.0	\$473	\$290	\$230	\$993	\$157,256	0.09
WAUSHARA	345.01	59.91	50.1	0	19	15	3	4,600	1,700	2,900	4.9	0	0	20	722.0	451.0	\$436	\$272	\$166	\$873	\$301,326	0.08
LANGLADE	299.21	89.72	54.0	15	36	14	12	6,450	679	5,771	2.3	0	0	59	879.0	476.0	\$226	\$341	\$215	\$782	\$234,077	0.03
Region Total	--	--	--	--	--	--	--	130,820	48,672	82,148	--	0	22	4622	--	--	--	--	--	--	\$8,966,740	
Region Average	80.37	55.6		8.1	29.2	13.8	10.8	7,268	2,704	4,564	7.7	0	1	257	1276.1	664.6	\$713	\$400	\$250	\$1,363	\$498,152	0.10

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Region NE County	Lane Miles	Severity Index	Snow Amount (inches)	Events this Season			Freez. Rain Events	Total Salt Avail. (tons)	Total Salt Used (tons)	Total Salt Remain. (tons)	Salt Used per LM (tons)	Total Thaw- Rox (tons)	Total Clear- Lane (tons)	Total Sand Used (CY)	Total Reg. Hours	Total OT Hours	Estimated Cost Per Lane Mile				Estimated Total Cost to Date	Salt per LM per Severity Index
				Anti- Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
SHEBOYGAN	528.68	64.76	55.1	22	18	31	1	11,198	5,141	6,057	9.7	0	0	0	1400.0	1480.0	\$909	\$424	\$339	\$1,672	\$884,165	0.15
MANITOWOC	426.65	55.00	32.2	20	21	3	6	9,115	4,615	4,500	10.8	0	0	75	1727.0	897.0	\$736	\$481	\$283	\$1,500	\$639,806	0.20
BROWN	902.7	47.48	35.2	39	24	0	0	20,996	9,141	11,855	10.1	0	0	54	1534.0	3250.0	\$752	\$420	\$314	\$1,486	\$1,341,304	0.21
FOND DU LAC	609.08	54.64	47.1	10	17	15	2	11,080	4,460	6,620	7.3	0	0	12	1537.0	2224.0	\$656	\$452	\$369	\$1,477	\$899,877	0.13
OUTAGAMIE	540.63	48.52	30.0	2	14	11	4	11,140	5,035	6,105	9.3	0	0	0	1596.0	1197.0	\$709	\$328	\$343	\$1,380	\$746,110	0.19
CALUMET	202.44	57.98	31.7	14	25	22	0	2,750	1,200	1,550	5.9	0	0	0	876.0	448.0	\$437	\$483	\$329	\$1,250	\$253,025	0.10
WINNEBAGO	655.97	57.71	31.9	18	19	25	4	12,695	3,295	9,400	5.0	0	0	30	2172.0	1860.0	\$442	\$419	\$319	\$1,181	\$774,582	0.09
MARINETTE	436.66	68.27	55.2	30	25	25	4	8,910	3,110	5,800	7.1	0	0	114	1108.0	830.0	\$540	\$326	\$244	\$1,110	\$484,823	0.10
OCONTO	469.52	66.75	40.4	16	24	15	7	7,203	3,245	3,958	6.9	0	0	0	1238.0	833.0	\$525	\$329	\$239	\$1,093	\$513,140	0.10
DOOR	271.88	65.85	29.7	21	21	16	5	4,956	1,356	3,600	5.0	0	0	257	481.0	630.0	\$414	\$327	\$279	\$1,020	\$277,239	0.08
KEWAUNEE	111.35	67.36	53.1	4	22	11	4	1,701	529	1,172	4.8	0	0	108	243.0	203.0	\$443	\$320	\$214	\$977	\$108,501	0.07
Region Total	--	--	--	--	--	--	--	101,744	41,127	60,617	--	0	0	650	--	--	--	--	--	--	\$6,922,573	
Region Average	59.48	40.1	40.1	17.8	20.9	15.8	3.4	9,249	3,739	5,511	7.5	0	0	59	1264.7	1259.3	\$597	\$392	\$297	\$1,286	\$629,325	0.13

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Region NW County	Lane Miles	Severity Index	Snow Amount (inches)	Events this Season			Freez. Rain Events	Total Salt Avail. (tons)	Total Salt Used (tons)	Total Salt Remain. (tons)	Salt Used per LM (tons)	Total Thaw-Rox (tons)	Total Clear-Lane (tons)	Total Sand Used (CY)	Total Reg. Hours	Total OT Hours	Estimated Cost Per Lane Mile				Estimated Total Cost to Date	Salt per LM per Severity Index
				Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
POLK	385.81	116.46	69.9	3	42	23	19	8,365	5,365	3,000	13.9	0	0	441	1518.0	1213.0	\$1,221	\$530	\$398	\$2,148	\$828,656	0.12
BARRON	428.77	87.91	58.2	11	31	42	7	6,300	3,487	2,813	8.1	0	0	877	2968.0	1257.0	\$727	\$710	\$488	\$1,925	\$825,178	0.09
BAYFIELD	316.42	132.12	93.6	4	49	31	4	7,890	3,543	4,347	11.2	0	0	267	1560.0	916.0	\$823	\$625	\$411	\$1,859	\$587,777	0.08
ASHLAND	245.35	120.19	87.0	10	39	21	17	4,492	2,181	2,311	8.9	0	0	76	1839.0	835.0	\$786	\$545	\$527	\$1,858	\$455,909	0.07
TAYLOR	233.9	104.47	39.6	22	36	41	15	4,385	2,235	2,150	9.6	0	0	59	859.0	682.0	\$1,000	\$500	\$335	\$1,836	\$429,346	0.09
DUNN	519.24	76.34	42.4	6	32	10	3	13,291	6,159	7,132	11.9	0	0	261	1417.0	1455.0	\$951	\$428	\$354	\$1,733	\$899,654	0.16
DOUGLAS	465.89	90.77	63.4	19	35	31	9	10,863	5,450	5,413	11.7	0	0	184	2623.0	1012.0	\$784	\$529	\$378	\$1,691	\$787,681	0.13
SAINT CROIX	653.71	75.46	64.0	2	30	11	8	16,197	7,297	8,900	11.2	0	0	666	1603.0	2478.0	\$859	\$499	\$323	\$1,682	\$1,099,540	0.15
WASHBURN	372.14	77.34	60.0	8	32	19	10	8,027	4,128	3,899	11.1	0	0	183	1173.0	1027.0	\$824	\$473	\$323	\$1,621	\$602,993	0.14
PIERCE	369.46	86.28	49.4	2	33	18	9	6,040	3,489	2,551	9.4	0	0	536	1399.0	928.0	\$761	\$430	\$337	\$1,529	\$564,788	0.11
JACKSON	515.44	48.55	36.5	1	18	10	7	11,590	5,568	6,022	10.8	0	0	0	939.0	956.0	\$936	\$366	\$176	\$1,478	\$761,689	0.22
CHIPPEWA	654.65	66.76	51.5	5	25	17	7	14,522	4,345	10,177	6.6	0	0	675	1595.0	2395.0	\$584	\$488	\$333	\$1,405	\$919,517	0.10
RUSK	213.47	74.85	54.8	4	31	10	9	3,466	1,894	1,572	8.9	0	0	99	761.0	264.0	\$812	\$349	\$216	\$1,376	\$293,830	0.12
EAU CLAIRE	540.7	65.60	31.7	5	28	2	7	12,452	3,652	8,800	6.8	0	0	16	1684.0	1910.0	\$571	\$388	\$342	\$1,301	\$703,474	0.10
BURNETT	237.93	75.40	48.3	7	28	9	11	3,301	2,431	870	10.2	0	0	10	371.0	595.0	\$758	\$311	\$214	\$1,284	\$305,403	0.14
PEPIN	112.38	60.36	40.7	9	21	7	10	1,279	456	823	4.1	0	0	11	455.0	373.0	\$349	\$510	\$387	\$1,246	\$140,035	0.07
SAWYER	367.44	86.25	74.0	0	37	9	15	6,700	2,700	4,000	7.3	0	0	94	766.0	831.0	\$642	\$320	\$244	\$1,207	\$443,329	0.09
CLARK	402.56	54.96	45.0	5	22	19	6	7,250	2,750	4,500	6.8	0	0	0	670.0	892.0	\$646	\$303	\$207	\$1,156	\$465,343	0.12
TREMPEALEAU	443.67	51.62	39.9	3	23	1	10	8,757	3,692	5,065	8.3	0	0	0	549.0	868.0	\$681	\$234	\$179	\$1,094	\$485,522	0.16
BUFFALO	317.02	72.25	47.5	6	24	18	9	3,301	1,220	2,081	3.8	0	0	27	848.0	617.0	\$318	\$315	\$214	\$847	\$268,650	0.05
Region Total	--	--	--	--	--	--	--	158,468	72,042	86,426	--	0	0	4482	--	--	--	--	--	--	\$11,868,315	
Region Average	81.20	54.9		6.6	30.8	17.5	9.6	7,923	3,602	4,321	9.0	0	0	224	1279.9	1075.2	\$752	\$443	\$319	\$1,514	\$593,416	0.12

Final totals as of Tuesday, June 8, 2021

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Region SE County	Lane Miles	Severity Index	Snow Amount (inches)	Events this Season			Freez. Rain Events	Total Salt Avail. (tons)	Total Salt Used (tons)	Total Salt Remain. (tons)	Salt Used per LM (tons)	Total Thaw-Rox (tons)	Total Clear-Lane (tons)	Total Sand Used (CY)	Total Reg. Hours	Total OT Hours	Estimated Cost Per Lane Mile				Estimated Total Cost to Date	Salt per LM per Severity Index
				Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
RACINE	731.45	71.90	73.5	14	21	23	3	17,956	9,656	8,300	13.2	0	0	0	2787.0	4400.0	\$1,025	\$784	\$680	\$2,489	\$1,820,404	0.18
MILWAUKEE	2005.05	55.83	45.7	2	14	4	1	55,324	21,761	33,563	10.9	0	0	0	6612.0	11474.0	\$807	\$583	\$720	\$2,110	\$4,230,151	0.19
WASHINGTON	607.17	73.30	63.1	11	26	21	3	16,132	6,738	9,394	11.1	0	0	0	2211.0	2716.0	\$908	\$590	\$465	\$1,963	\$1,191,987	0.15
KENOSHA	670.04	60.23	47.1	0	22	0	3	13,860	8,324	5,536	12.4	0	0	17	2955.0	2307.0	\$817	\$586	\$476	\$1,878	\$1,258,646	0.21
WALWORTH	708.76	86.90	73.7	15	26	26	6	19,491	7,706	11,785	10.9	0	0	0	3034.0	2648.0	\$796	\$553	\$483	\$1,833	\$1,298,804	0.13
WAUKESHA	1110.54	61.61	52.9	19	18	5	9	41,670	12,944	28,726	11.7	0	0	0	4929.0	2480.0	\$901	\$466	\$383	\$1,750	\$1,943,569	0.19
OZAUKEE	309.78	50.27	55.1	4	17	0	4	9,951	3,286	6,665	10.6	0	0	0	749.0	758.0	\$770	\$366	\$302	\$1,437	\$445,212	0.21
Region Total	--	--	--	--	--	--	--	174,384	70,415	103,969	--	0	0	17	--	--	--	--	--	--	\$12,188,773	
Region Average	65.72	58.7		9.3	20.6	11.3	4.1	24,912	10,059	14,853	11.5	0	0	2	3325.3	3826.1	\$861	\$561	\$501	\$1,923	\$1,741,253	0.18

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				Anti- Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
DANE	1666.77	70.45	50.4	7	22	0	8	53,430	21,330	32,100	12.8	0	0	60	4027.0	11535.0	\$1,056	\$694	\$796	\$2,546	\$4,242,869	0.18
COLUMBIA	795.19	94.80	41.8	34	15	40	7	24,982	9,417	15,565	11.8	0	0	378	3187.0	2587.0	\$1,069	\$578	\$390	\$2,037	\$1,619,917	0.12
MONROE	666.31	71.94	41.3	13	23	14	9	15,765	9,331	6,434	14.0	0	0	57	1615.0	1980.0	\$1,157	\$421	\$274	\$1,853	\$1,234,597	0.19
DODGE	638.15	50.55	55.5	26	17	11	2	19,921	6,921	13,000	10.8	0	0	8	1564.0	2992.0	\$828	\$569	\$447	\$1,844	\$1,177,063	0.21
SAUK	625.18	56.74	38.9	24	19	11	4	16,237	6,203	10,034	9.9	0	0	0	1941.0	2105.0	\$951	\$444	\$315	\$1,711	\$1,069,409	0.17
JUNEAU	496.27	75.12	38.0	14	24	15	8	10,968	4,390	6,578	8.8	0	0	394	1630.0	1643.0	\$765	\$470	\$387	\$1,622	\$804,945	0.12
GRANT	624.93	79.11	56.0	2	23	32	6	10,601	5,629	4,972	9.0	0	0	1493	2405.0	2233.0	\$699	\$538	\$357	\$1,595	\$996,622	0.11
ROCK	805.66	47.29	50.5	2	16	2	4	16,922	7,934	8,988	9.8	0	0	4	1347.0	2834.0	\$852	\$416	\$318	\$1,586	\$1,277,449	0.21
GREEN	314.64	76.53	60.0	8	22	39	9	4,359	1,560	2,799	5.0	0	20	142	1439.0	1272.0	\$474	\$660	\$382	\$1,516	\$477,094	0.06
JEFFERSON	549.67	73.36	60.7	8	22	18	9	14,868	2,484	12,384	4.5	0	0	91	1550.0	2711.0	\$377	\$609	\$486	\$1,473	\$809,503	0.06
IOWA	476.71	67.18	49.9	10	20	19	4	8,548	3,251	5,297	6.8	0	0	96	1470.0	1618.0	\$534	\$456	\$308	\$1,299	\$619,191	0.10
LAFAYETTE	299.38	69.61	65.9	4	22	12	11	3,586	1,772	1,814	5.9	0	0	1325	650.0	1050.0	\$524	\$425	\$281	\$1,230	\$368,285	0.09
VERNON	477.82	69.76	47.2	24	23	17	3	8,179	3,429	4,750	7.2	0	0	0	984.0	1478.0	\$578	\$389	\$244	\$1,211	\$578,638	0.10
LA CROSSE	500.84	41.15	42.0	9	14	7	6	10,010	4,073	5,937	8.1	0	0	0	997.0	1253.0	\$612	\$351	\$247	\$1,209	\$605,747	0.20
CRAWFORD	397.19	63.58	42.2	13	17	27	4	5,572	2,767	2,805	7.0	0	0	445	1244.0	739.0	\$578	\$361	\$236	\$1,175	\$466,288	0.11
RICHLAND	327.64	46.05	39.0	10	15	22	2	3,867	1,517	2,350	4.6	0	0	129	981.0	773.0	\$419	\$375	\$253	\$1,047	\$342,903	0.10
Region Total	--	--	--	--	--	--	--	227,815	92,008	135,807	--	0	20	4622	--	--	--	--	--	--	\$16,690,518	
Region Average	65.83	48.7		13.0	19.6	17.9	6.0	14,238	5,751	8,488	8.5	0	1	289	1689.4	2425.2	\$717	\$485	\$358	\$1,560	\$1,043,157	0.13

Storm Report Summary - End of Season

From Winter Storm Reports, 2020-2021

General Notes: 1) Costs shown in table are estimated and do not include the Administrative Costs; 2) Material Costs includes Brine, Salt, Sand, and other Deicing and Anti-icing Agents; 3) Equipment Costs are based on an estimated \$80 per hour per unit; 4) Labor Costs are based on each County's average labor rate; 5) Total Salt Available = salt in sheds plus "early fill" plus "seasonal fill" plus "vendor reserve" available. 6) Some Material Costs are estimated. 7) Severity Indices in this table are not the official MDSS severity index used by WisDOT in other reports. 8) This report is sorted by TOTAL Cost per Lane Mile.

Lane Miles	Severity Index	Snow Amount (inches)	Events this Season			Freez. Rain Events	Total Salt Avail. (tons)	Total Salt Used (tons)	Total Salt Remain. (tons)	Salt Used per LM (tons)	Total Thaw-Rox (tons)	Total Clear-Lane (tons)	Total Sand Used (CY)	Total Reg. Hours	Total OT Hours	Estimated Cost Per Lane Mile				Estimated Total Cost to Date	Salt per LM per Severity Index
			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	793,231	324,264	468,967	--	0	42	14393.0	--	--	--	--	--	--	\$56,636,920	--
Statewide Average	72.75	51.8	10.4	25.4	15.8	7.6	11,017	4,504	6,513	8.6	0.0	0.6	199.9	1566.5	1568.1	\$721	\$445	\$325	\$1,491	\$786,624	0.12