

Storm Report Summary through Week 17 ending 2/22/2018

From Winter Storm Reports, 2017-2018

Notes: 1) Costs shown in table are estimated and do not include the Administrative Costs; 2) Material Costs includes Salt, Sand, and other Deicing and Anti-icing Agents; 3) Equipment Costs are based on \$60 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 seasonal fill plus seasonal fill plus vendor reserve available. 6) Some Material Costs are low or zero value because DOT does not have updated values at the time this report was created.

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		
VILAS	305.24	92.99	75.8	2	31	28	8	9,493	3,893	5,600	12.8	0	0	1222	1512.0	848.0	\$1,039	\$448	\$357	\$1,843	\$562,029	0.14
IRON	249.56	133.38	149.1	0	33	24	6	6,522	2,760	3,762	11.1	0	0	250	1350.0	736.0	\$846	\$456	\$406	\$1,708	\$422,066	0.08
MARATHON	874.81	81.73	38.0	27	27	22	6	14,382	8,114	6,268	9.3	0	0	261	4548.0	1584.0	\$759	\$383	\$338	\$1,479	\$1,436,745	0.11
ONEIDA	396.79	90.46	69.9	5	33	7	12	9,893	3,629	6,264	9.1	0	0	1747	2680.0	574.0	\$681	\$401	\$372	\$1,454	\$576,850	0.10
FLORENCE	141.07	92.33	65.1	10	28	19	8	3,366	1,650	1,716	11.7	0	0	26	742.0	128.0	\$795	\$367	\$256	\$1,417	\$199,957	0.13
LINCOLN	405.55	90.03	61.6	14	23	13	16	6,513	3,020	3,493	7.4	0	0	1501	2197.0	638.0	\$682	\$405	\$313	\$1,400	\$559,929	0.08
WAUPACA	546.74	53.75	23.1	2	20	10	2	9,757	6,687	3,070	12.2	0	0	74	1514.0	1369.0	\$803	\$310	\$257	\$1,370	\$744,733	0.23
PORTAGE	584.63	60.89	26.2	6	23	11	8	8,584	4,674	3,910	8.0	0	0	795	2870.0	1306.0	\$611	\$429	\$327	\$1,366	\$795,847	0.13
SHAWANO	520.57	69.82	44.9	6	25	12	6	9,576	5,554	4,022	10.7	0	0	185	2275.0	1155.0	\$674	\$365	\$291	\$1,330	\$691,151	0.15
PRICE	322.26	97.23	65.1	6	34	14	10	6,625	2,583	4,042	8.0	7	0	102	1526.0	572.0	\$651	\$353	\$252	\$1,256	\$403,745	0.08
ADAMS	193.2	53.35	27.7	13	19	4	8	3,447	1,934	1,513	10.0	0	0	0	547.0	176.0	\$838	\$210	\$184	\$1,233	\$237,867	0.19
WOOD	422.62	61.91	39.7	7	23	9	7	7,038	4,075	2,963	9.6	0	0	155	1062.0	745.0	\$739	\$247	\$195	\$1,181	\$495,832	0.16
MENOMINEE	90.26	57.76	35.4	0	21	15	4	1,963	1,086	877	12.0	0	0	37	242.0	64.0	\$731	\$205	\$122	\$1,059	\$95,579	0.21
FOREST	312.38	86.21	57.2	0	32	8	13	8,069	2,760	5,309	8.8	0	0	68	1110.0	378.0	\$602	\$268	\$177	\$1,047	\$324,069	0.10
MARQUETTE	245.75	43.31	17.6	8	18	5	6	4,098	1,974	2,124	8.0	0	0	0	453.0	338.0	\$591	\$162	\$156	\$909	\$223,440	0.19
LANGLADE	299.21	54.57	33.5	12	15	15	5	6,067	1,215	4,852	4.1	0	0	61	755.0	285.0	\$257	\$192	\$156	\$604	\$180,843	0.07
WAUSHARA	345.01	51.15	30.0	0	21	9	3	4,029	1,461	2,568	4.2	0	0	0	913.0	164.0	\$279	\$187	\$122	\$588	\$202,758	0.08
GREEN LAKE	158.44	47.57	16.6	3	14	12	6	1,848	674	1,174	4.3	0	0	0	291.0	143.0	\$300	\$152	\$136	\$588	\$92,674	0.09
Region Total	--	--	--	--	--	--	--	121,270	57,743	63,527	--	7	0	6484	--	--	--	--	--	--	\$8,246,113	
Region Average	73.25	48.7		6.7	24.4	13.2	7.4	6,737	3,208	3,529	9.0	0	0	360	1477.1	622.4	\$660	\$308	\$245	\$1,213	\$458,117	0.13

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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		
MARINETTE	436.66	71.04	48.5	26	25	35	5	7,338	4,563	2,775	10.4	0	0	65	3322.0	655.0	\$711	\$385	\$414	\$1,511	\$657,522	0.15
BROWN	890.4	59.17	25.5	13	22	7	4	14,035	10,751	3,284	12.1	0	0	0	2890.0	2801.0	\$695	\$388	\$311	\$1,393	\$1,235,775	0.20
MANITOWOC	426.01	61.41	39.4	6	19	14	5	8,448	4,867	3,581	11.4	0	0	0	1728.0	733.0	\$690	\$345	\$258	\$1,292	\$550,500	0.19
DOOR	271.8	77.90	42.9	6	22	21	5	4,865	2,442	2,423	9.0	0	0	10	636.0	914.0	\$600	\$343	\$347	\$1,290	\$348,114	0.12
FOND DU LAC	605.3	53.47	30.0	5	17	14	3	10,370	5,038	5,332	8.3	0	0	0	1094.0	1665.0	\$670	\$340	\$256	\$1,266	\$735,222	0.16
WINNEBAGO	626.56	60.72	15.8	4	24	12	5	12,160	5,919	6,241	9.4	0	0	0	1710.0	1785.0	\$636	\$294	\$297	\$1,227	\$757,368	0.16
SHEBOYGAN	527.86	63.02	34.1	13	18	13	7	10,330	5,126	5,204	9.7	0	0	0	1483.0	842.0	\$694	\$256	\$209	\$1,159	\$601,909	0.15
OUTAGAMIE	538.63	55.61	30.0	3	22	7	6	10,117	4,097	6,020	7.6	0	0	0	1968.0	835.0	\$586	\$218	\$252	\$1,056	\$534,602	0.14
CALUMET	201.71	61.17	25.3	5	23	8	6	2,771	1,139	1,632	5.6	0	0	0	723.0	233.0	\$365	\$239	\$198	\$802	\$160,126	0.09
KEWAUNEE	111.35	70.56	35.4	4	24	9	8	1,600	536	1,064	4.8	0	0	135	370.0	69.0	\$386	\$236	\$178	\$800	\$85,150	0.07
OCONTO	468.9	60.60	20.0	9	19	6	10	7,191	2,593	4,598	5.5	0	0	0	993.0	575.0	\$368	\$191	\$166	\$725	\$337,557	0.09
Region Total	--	--	--	--	--	--	--	89,225	47,071	42,154	--	0	0	210	--	--	--	--	--	--	\$6,003,845	
Region Average	63.15	31.5		8.5	21.4	13.3	5.8	8,111	4,279	3,832	8.5	0	0	19	1537.9	1009.7	\$582	\$294	\$262	\$1,138	\$545,804	0.14

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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		
JACKSON	515.44	52.08	41.3	0	23	5	3	10,367	4,774	5,593	9.3	0	0	0	1239.0	1114.0	\$708	\$1,128	\$219	\$2,054	\$1,058,658	0.18
BAYFIELD	316.42	123.01	100.1	3	32	29	12	6,780	4,215	2,565	13.3	0	0	253	2142.0	930.0	\$914	\$583	\$421	\$1,918	\$598,215	0.11
TAYLOR	233.9	88.63	40.2	15	24	30	5	4,031	2,455	1,576	10.5	0	0	69	903.0	473.0	\$962	\$340	\$269	\$1,571	\$357,447	0.12
BARRON	428.77	89.58	56.0	2	27	40	3	5,544	3,672	1,872	8.6	0	90	1238	3207.0	694.0	\$618	\$507	\$382	\$1,508	\$646,519	0.10
DUNN	519.24	54.75	34.1	6	21	11	4	11,877	6,274	5,603	12.1	0	0	175	1497.0	1217.0	\$900	\$291	\$302	\$1,494	\$773,192	0.22
ASHLAND	245.35	116.76	109.7	3	34	22	15	4,427	2,180	2,247	8.9	0	0	368	1372.0	491.0	\$643	\$442	\$373	\$1,458	\$354,681	0.08
SAINT CROIX	645.34	62.30	54.5	0	25	10	4	14,123	8,024	6,099	12.4	0	0	319	1286.0	1846.0	\$882	\$291	\$283	\$1,457	\$940,300	0.20
EAU CLAIRE	540.7	53.20	34.0	5	20	11	5	11,455	5,192	6,263	9.6	0	0	258	3349.0	660.0	\$768	\$360	\$303	\$1,430	\$770,653	0.18
WASHBURN	372.14	60.95	47.4	2	30	11	6	7,281	4,150	3,131	11.2	0	0	1009	1679.0	648.0	\$755	\$369	\$276	\$1,399	\$516,441	0.18
CLARK	402.56	75.98	42.8	9	22	21	6	6,721	4,044	2,677	10.0	0	0	40	1306.0	1023.0	\$757	\$341	\$289	\$1,387	\$558,357	0.13
DOUGLAS	451.4	113.10	94.4	2	42	9	4	10,076	4,781	5,295	10.6	0	0	260	2135.0	1153.0	\$621	\$375	\$351	\$1,347	\$607,971	0.09
TREMPEALEAU	442.48	64.55	45.7	2	27	5	6	7,475	4,172	3,303	9.4	0	0	531	1317.0	971.0	\$664	\$282	\$250	\$1,197	\$529,570	0.15
PIERCE	369.46	60.49	47.0	2	23	16	4	5,618	2,948	2,670	8.0	0	0	525	1291.0	686.0	\$590	\$285	\$280	\$1,155	\$425,416	0.13
CHIPPEWA	654.65	42.24	31.2	8	16	6	5	13,387	4,958	8,429	7.6	0	0	616	1612.0	1663.0	\$557	\$297	\$261	\$1,114	\$729,582	0.18
BURNETT	237.93	47.98	41.6	0	19	9	1	3,489	2,230	1,259	9.4	0	0	33	486.0	511.0	\$610	\$227	\$224	\$1,061	\$252,344	0.20
RUSK	213.47	39.23	18.9	0	18	13	2	3,104	1,460	1,644	6.8	0	0	155	862.0	266.0	\$502	\$284	\$227	\$1,013	\$216,153	0.17
PEPIN	112.38	56.54	34.8	8	19	6	9	1,158	508	650	4.5	0	0	0	522.0	229.0	\$339	\$341	\$303	\$982	\$110,365	0.08
SAWYER	367.44	65.18	47.7	0	25	13	6	5,918	2,726	3,192	7.4	0	0	235	807.0	594.0	\$557	\$221	\$186	\$964	\$354,209	0.11
BUFFALO	317.02	72.03	51.9	3	28	8	6	2,919	2,118	801	6.7	0	0	237	1050.0	542.0	\$459	\$259	\$226	\$944	\$299,203	0.09
POLK	385.81	58.51	19.9	3	18	24	3	7,991	2,463	5,528	6.4	0	0	191	1049.0	384.0	\$467	\$211	\$186	\$864	\$331,038	0.11
Region Total	--	--	--	--	--	--	--	143,741	73,344	70,397	--	0	90	6512	--	--	--	--	--	--	\$10,430,315	
Region Average	69.85	49.7		3.7	24.7	15.0	5.5	7,187	3,667	3,520	9.1	0	5	326	1455.6	804.8	\$664	\$372	\$281	\$1,316	\$521,516	0.14

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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		
KENOSHA	653.56	58.11	23.5	9	23	0	3	12,366	9,394	2,972	14.4	0	0	0	3491.0	1541.0	\$880	\$406	\$424	\$1,710	\$1,117,469	0.25
WALWORTH	706.95	70.91	38.2	12	22	25	5	18,210	11,378	6,832	16.1	0	0	0	3231.0	895.0	\$939	\$327	\$296	\$1,563	\$1,112,522	0.23
MILWAUKEE	1955.81	42.39	25.1	6	13	4	1	53,588	21,136	32,452	10.8	0	0	0	5115.0	6886.0	\$695	\$313	\$476	\$1,483	\$2,864,802	0.25
OZAUKEE	309.19	57.28	35.1	6	21	5	4	9,689	4,167	5,522	13.5	0	0	0	797.0	601.0	\$819	\$271	\$234	\$1,324	\$407,141	0.24
WAUKESHA	1073.97	34.49	20.1	0	17	0	3	35,409	15,166	20,243	14.1	0	0	0	2059.0	1368.0	\$857	\$162	\$181	\$1,199	\$1,287,539	0.41
WASHINGTON	611.91	44.60	22.8	4	17	7	2	15,922	6,220	9,702	10.2	0	0	0	749.0	1530.0	\$686	\$208	\$215	\$1,110	\$660,646	0.23
RACINE	681.88	37.72	12.8	1	13	3	4	17,586	4,792	12,794	7.0	0	0	0	639.0	1116.0	\$445	\$140	\$172	\$756	\$512,806	0.19
Region Total	--	--	--	--	--	--	--	162,770	72,253	90,517	--	0	0	0	--	--	--	--	--	--	\$7,962,925	
Region Average	49.36	25.4		5.4	18.0	6.3	3.1	23,253	10,322	12,931	12.3	0	0	0	2297.3	1991.0	\$760	\$261	\$285	\$1,307	\$1,137,561	0.26

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Region SW 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		
MONROE	654.43	57.57	26.0	9	22	9	2	12,045	6,459	5,586	9.9	0	0	2	1546.0	1467.0	\$7,652	\$271	\$197	\$8,120	\$5,311,570	0.17
DANE	1543.7	57.13	15.2	9	23	0	6	51,035	17,049	33,986	11.0	0	0	25	2032.0	5833.0	\$807	\$1,233	\$384	\$2,423	\$3,725,506	0.19
DODGE	637.85	50.48	34.0	6	17	10	1	18,021	8,587	9,434	13.5	0	0	18	1172.0	2366.0	\$951	\$332	\$302	\$1,584	\$1,003,226	0.27
GREEN	314.64	55.03	25.5	7	21	3	7	3,264	1,342	1,922	4.3	0	0	19	452.0	556.0	\$311	\$1,068	\$145	\$1,524	\$479,572	0.08
JEFFERSON	549.67	70.27	49.0	12	25	12	4	13,584	6,380	7,204	11.6	0	0	0	1055.0	1678.0	\$901	\$289	\$283	\$1,474	\$783,794	0.17
SAUK	576.25	60.97	34.2	13	19	16	5	14,423	6,160	8,263	10.7	0	0	0	1509.0	1733.0	\$841	\$296	\$257	\$1,394	\$800,549	0.18
ROCK	686.5	54.39	42.7	1	19	21	2	14,871	8,356	6,515	12.2	0	0	58	1371.0	2197.0	\$786	\$291	\$312	\$1,389	\$953,473	0.22
JUNEAU	496.27	60.07	30.9	5	25	8	5	8,887	4,988	3,899	10.1	0	0	0	999.0	1136.0	\$772	\$234	\$232	\$1,237	\$612,356	0.17
LA CROSSE	503.31	45.65	33.0	14	18	6	3	8,635	3,700	4,935	7.4	0	0	0	1349.0	1501.0	\$552	\$316	\$304	\$1,172	\$669,082	0.16
COLUMBIA	787.4	51.04	17.0	14	12	16	4	23,826	7,052	16,774	9.0	0	0	296	1083.0	1536.0	\$696	\$202	\$193	\$1,091	\$859,197	0.18
VERNON	468.36	55.90	28.8	18	19	10	4	7,043	3,431	3,612	7.3	0	0	0	973.0	1133.0	\$566	\$254	\$206	\$1,026	\$486,456	0.13
IOWA	473.13	64.93	26.6	8	22	20	2	7,179	3,555	3,624	7.5	0	0	25	1002.0	1223.0	\$526	\$252	\$238	\$1,016	\$480,831	0.12
GRANT	622.06	58.89	26.8	6	18	20	4	9,793	5,122	4,671	8.2	0	0	767	1120.0	1198.0	\$538	\$216	\$174	\$927	\$576,895	0.14
RICHLAND	327.64	70.69	24.6	9	22	16	11	3,414	1,271	2,143	3.9	0	0	356	1066.0	557.0	\$291	\$260	\$232	\$784	\$256,713	0.05
CRAWFORD	395.79	76.77	29.1	9	22	25	6	4,968	2,093	2,875	5.3	0	0	234	960.0	573.0	\$374	\$212	\$170	\$756	\$299,343	0.07
LAFAYETTE	299.38	52.44	16.8	10	17	8	6	3,009	1,228	1,781	4.1	0	0	851	561.0	459.0	\$282	\$192	\$141	\$615	\$184,073	0.08
Region Total	--	--	--	--	--	--	--	203,997	86,773	117,224	--	0	0	2651	--	--	--	--	--	--	\$17,482,634	
Region Average	58.89	28.8		9.4	20.1	12.5	4.5	12,750	5,423	7,327	8.5	0	0	166	1140.6	1571.6	\$1,053	\$370	\$236	\$1,658	\$1,092,665	0.15

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From Winter Storm Reports, 2017-2018

Notes: 1) Costs shown in table are estimated and do not include the Administrative Costs; 2) Material Costs includes Salt, Sand, and other Deicing and Anti-icing Agents; 3) Equipment Costs are based on \$60 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 seasonal fill plus seasonal fill plus vendor reserve available. 6) Some Material Costs are low or zero value because DOT does not have updated values at the time this report was created.

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	--	--	--	--	--	--	721,003	337,184	383,819	--	7	90	15857.0	--	--	--	--	--	--	\$50,125,832	--
Statewide Average	65.25	39.6	6.6	22.4	12.9	5.6	10,014	4,683	5,331	9.2	0.1	1.3	220.2	1485.4	1076.2	\$746	\$333	\$259	\$1,338	\$696,192	0.15