

Attachment 1: 2023-2024 Winter Maintenance Review

This table identifies the weather conditions and the associated number of winter maintenance activity activations by type for this winter season (2023-24) compared to last winter season (2022-23).

Despite less snowfall in this winter season compared to last winter season, there were still a significant number of activations. An activation is triggered when weather conditions reach the City's approved service level thresholds.

Note that the number of snow events that result in activation of plows for local or arterial roads is much lower than activations for other types of activities. This is because:

- The threshold for plowing arterials is 5cm of accumulation or 8cm for collectors and local roads, but sidewalks begin to be cleared at 2cm, leading to more sidewalk activations. Only a small portion of snow events bring more than 5cm accumulation.
- Anti-icing and salting is effective at preventing or delaying snow accumulation during normal snow events in Toronto, preventing need for plowing.
- Heat from motor vehicles assists in melting snow, reducing need for plowing.
- Sidewalks do not get anti-icing or pre-storm salting, and do not have heat from motor vehicles to melt snow, resulting typically in higher levels of sidewalk plowing compared to plowing of roads.

Data on Weather Conditions		
	2022-23	2023-24
Total Amount of Snowfall	145.0 cm	51.0 cm
Range of snow accumulation for the season	1.0 to 26.0 cm	1.5 to 12.0 cm
Total number of snow events	41 events	25 events
Number of Winter Activations		
Types of Activations	2022-23	2023-24
Anti-icing	17	18
Salting – Arterial/Collector Roads	41	25
Salting – Local Roads	40	20
Plowing – Arterial/Collector Roads	11	3
Plowing – Local Roads	8	3
Salting and Plowing – Sidewalks	33	12