



2017-2018 Snow & Ice Control Program Update

October 9, 2017

Integrated Snow Plan

Program Goal

To provide fiscally responsible service during snow and ice events that support the safety and mobility of the City's transportation system by removing or displacing snow and ice from all designated priority streets, parking areas, trails, and City-maintained sidewalks as safely as possible.



Priority Street Classifications

Priority Street Classification	Definition
Priority 1	Major arterials connecting hospitals, fire & police stations, and other emergency units
Priority 2	All remaining arterials and selected collectors completing the network or providing school access
Priority 3	All remaining collectors, bus routes, and hilly areas
Priority 4	Residential / low volume streets* *Plowed only when snow accumulations completely block traffic movement

Priority Street Classifications

Snow Districts - [Interactive Map](#)

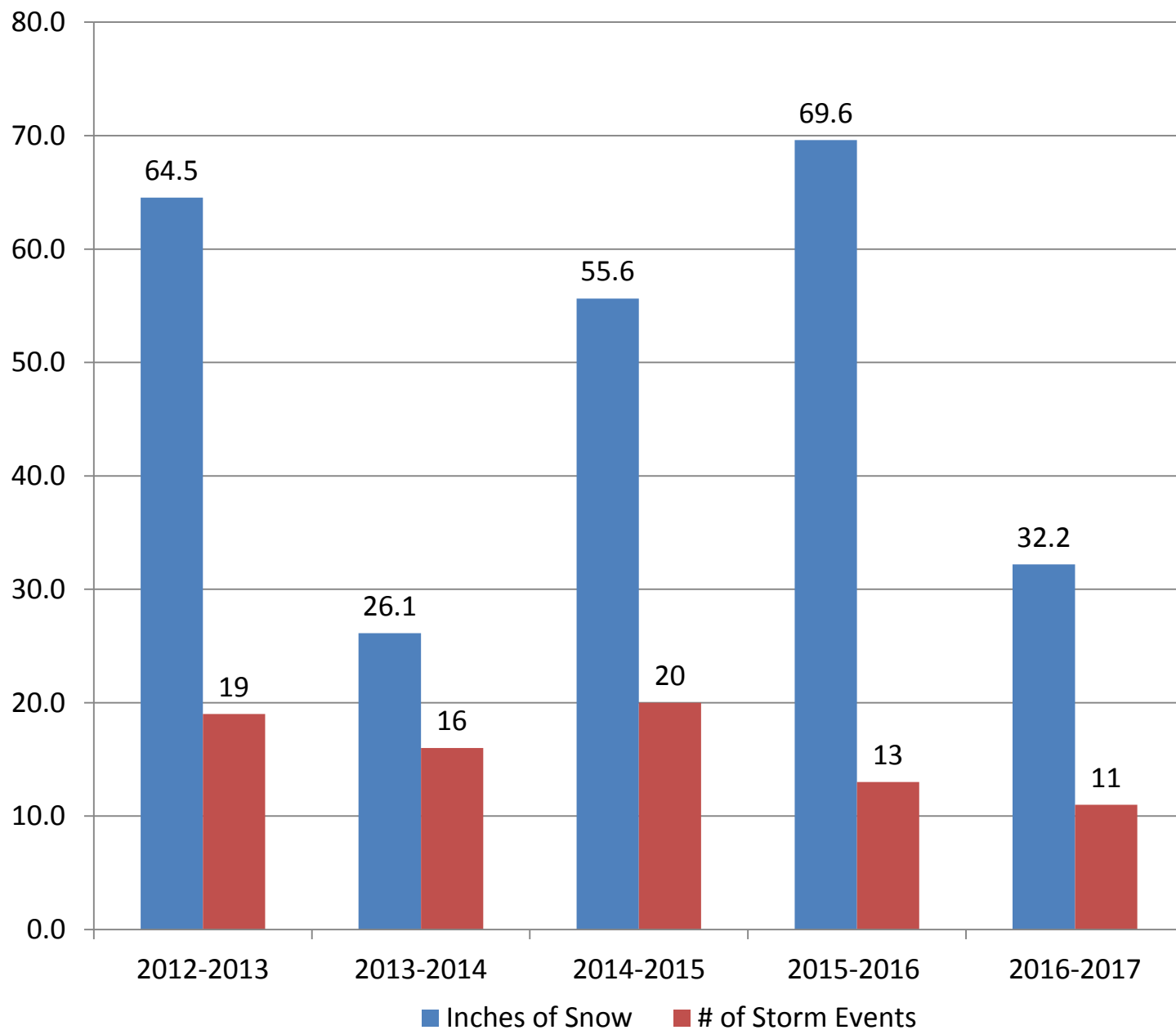


Storm Classifications

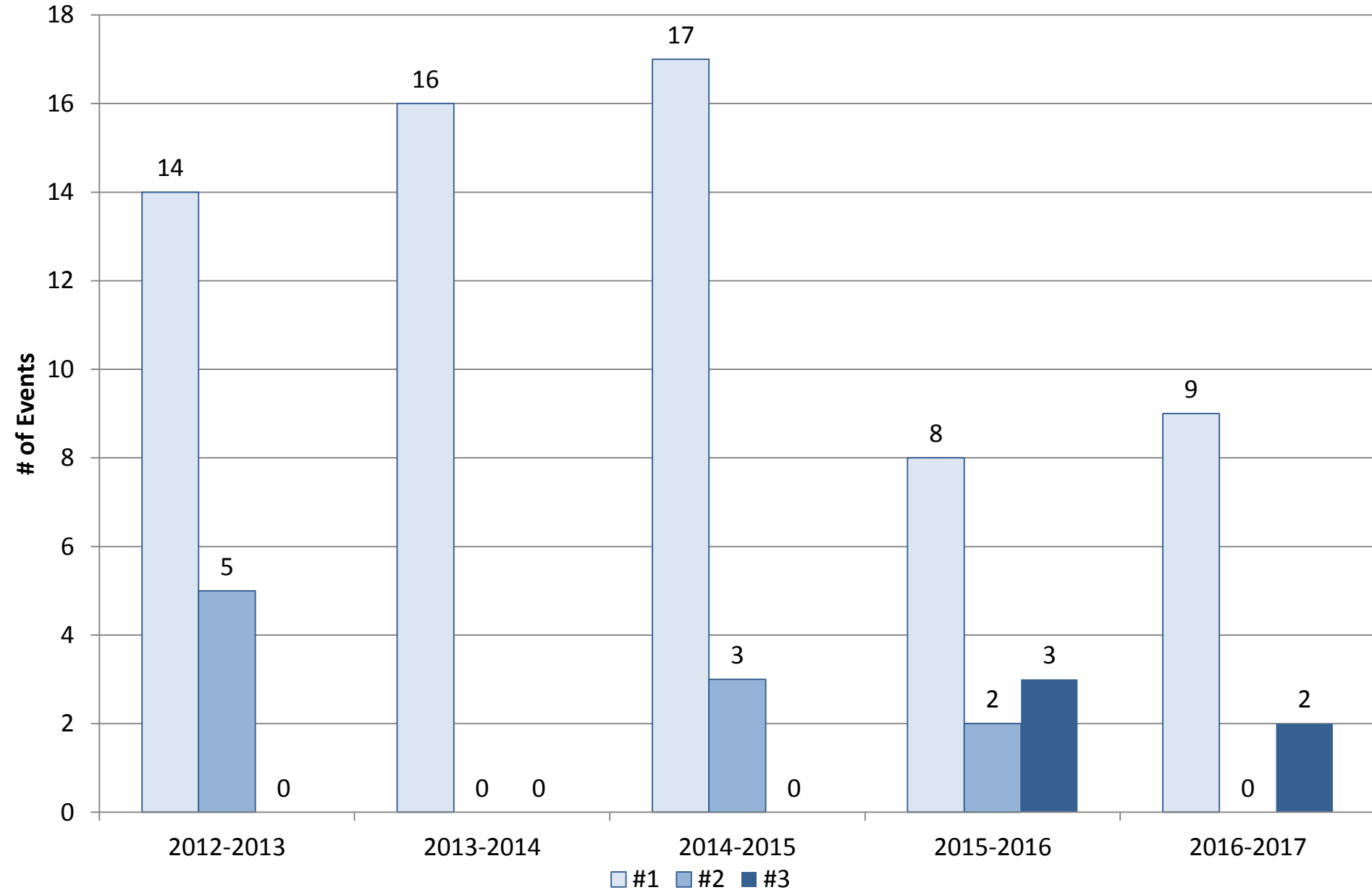
Storm Classification	Anticipated Storm Length	Anticipated Accumulation
Class 1	< 12 hours	4 inches or less
Class 2	> 12 hours	4 inches to 8 inches
Class 3	24 hours or more	> 8 inches



Snow & Ice Control Events, by Year



Snow Events, by Priority



Storm Classification	Performance Goal
Class 1	<ul style="list-style-type: none"> • Clear snow from all travel lanes of Priority #1 and Priority #2 streets • Provide at least one passable travel lane on Priority #3 streets
Class 2	<p>During storm event:</p> <ul style="list-style-type: none"> • Clear snow from all travel lanes of Priority #1 and Priority #2 streets <p>After storm event or when sufficient clearing of Priority #1 & Priority #2 streets:</p> <ul style="list-style-type: none"> • Clear snow from all travel lanes of Priority #3 streets
Class 3	<p>During storm event:</p> <ul style="list-style-type: none"> • Provide at least one passable travel lane on Priority #1 streets <p>After storm event or when sufficient clearing of Priority #1 streets:</p> <ul style="list-style-type: none"> • Clear snow from all travel lanes of Priority #2 streets <p>After sufficient clearing of Priority #2 streets:</p> <ul style="list-style-type: none"> • Clear snow from all travel lanes of Priority #3 streets

Resources

Equipment:

- 11 tandem dump trucks with sanders & plows
- 4, 1-Ton trucks with sanders & plows
- 1 Loader
- 1 Backhoe
- 1 motor grader

Staff:

- 18 Public Works Streets staff
- 3 shift Crew Chiefs (3 foremen)
- 4 Fleet Technicians



Staff Training & 2017 Snow Rodeo

- Top 2 teams represent Commerce City in the APWA Western Snow Rodeo competition on 9/27/17
- One CC team took 13th place out of 56 teams
- Annual training provided for all Streets & Fleet Division staff



Communications

<https://snowtrooper.c3gov.com/>



Communications

- Connected newsletter article
- Press release at start of snow season & ahead of expected severe storms/closures
- Social media posts
- Website “news flash” alerts
- External Emergency Weather Hotline
- Snow hotline and intranet updates (*internal*)



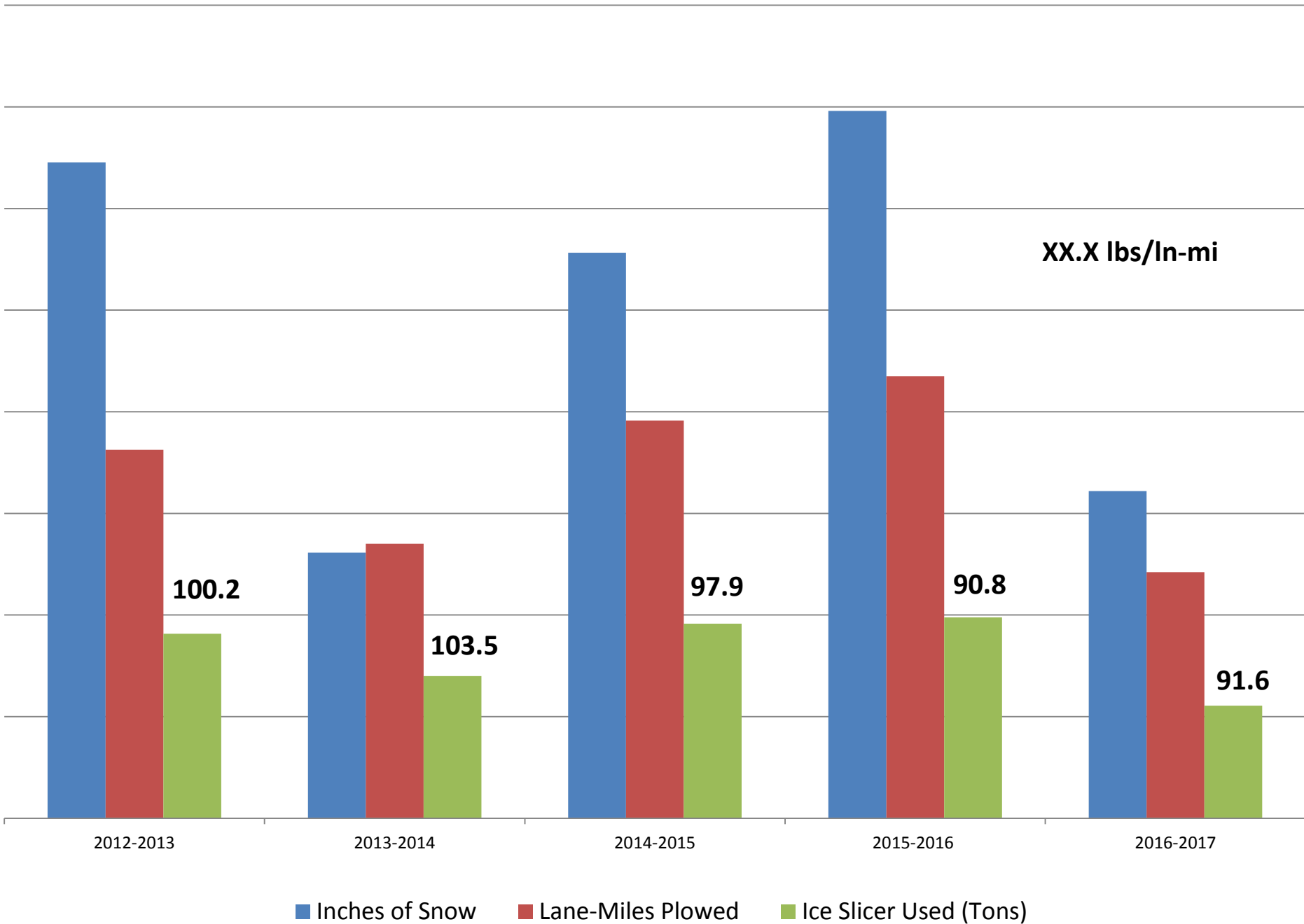
Citizen Responsibilities

Section 6-2013(b). *Snow and ice.*

- Remove snow/sleet/hail/ice from sidewalks within 24 hours of the last accumulation
- Cannot dump or deposit snow from private property onto public property or a neighboring property
- Cannot dump or deposit snow against a fire hydrant or traffic control device



Ice Slicer Usage; Pounds per Lane-Mile



Safety Improvements



Questions

