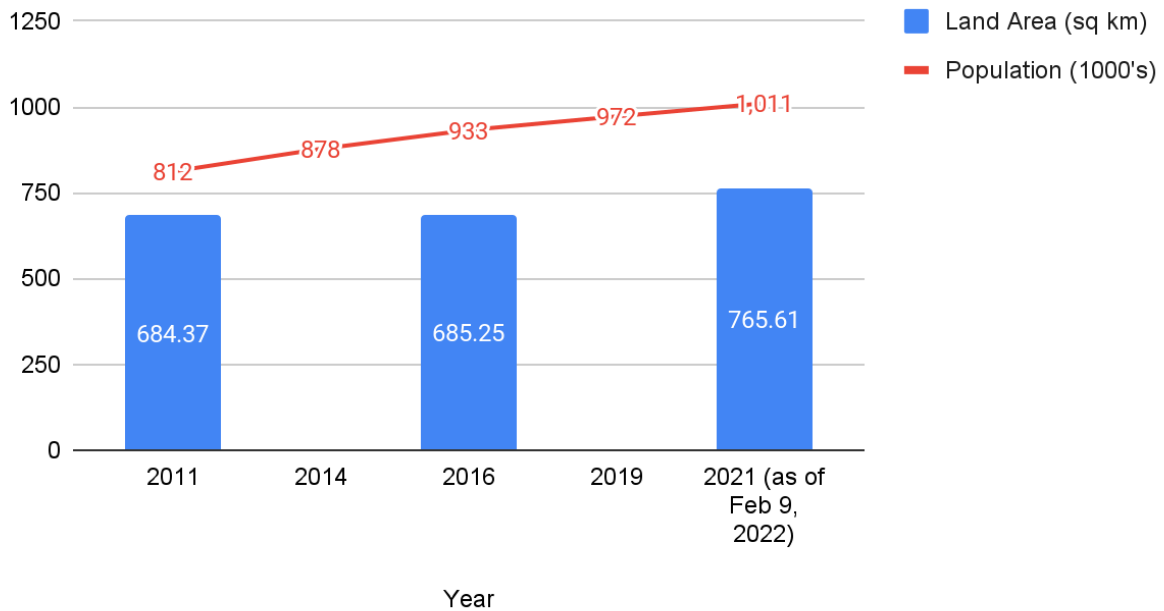
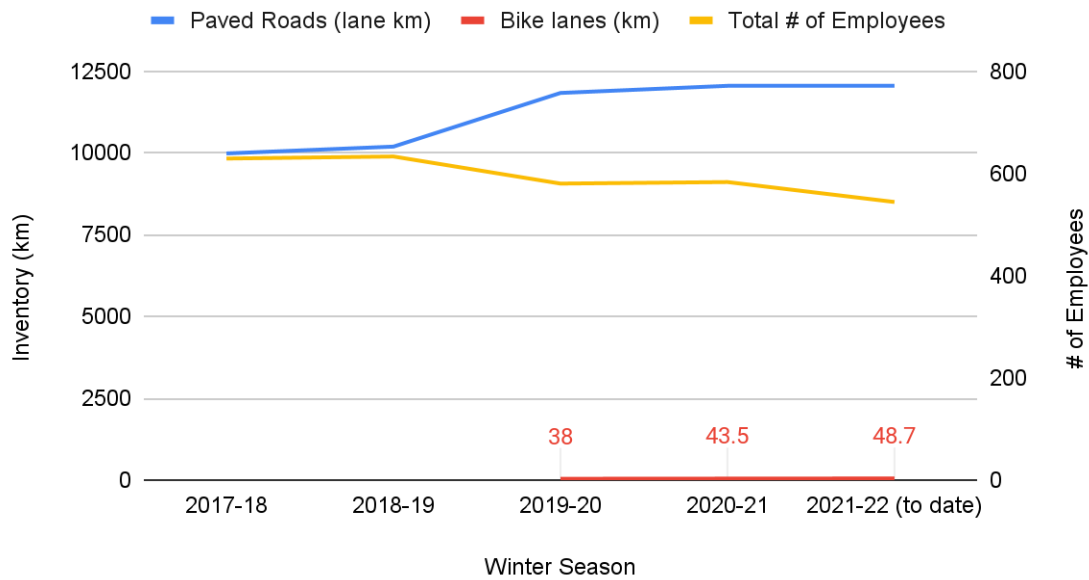


## Snow and Ice Control Program Analysis

### Edmonton Size and Population 2011-21

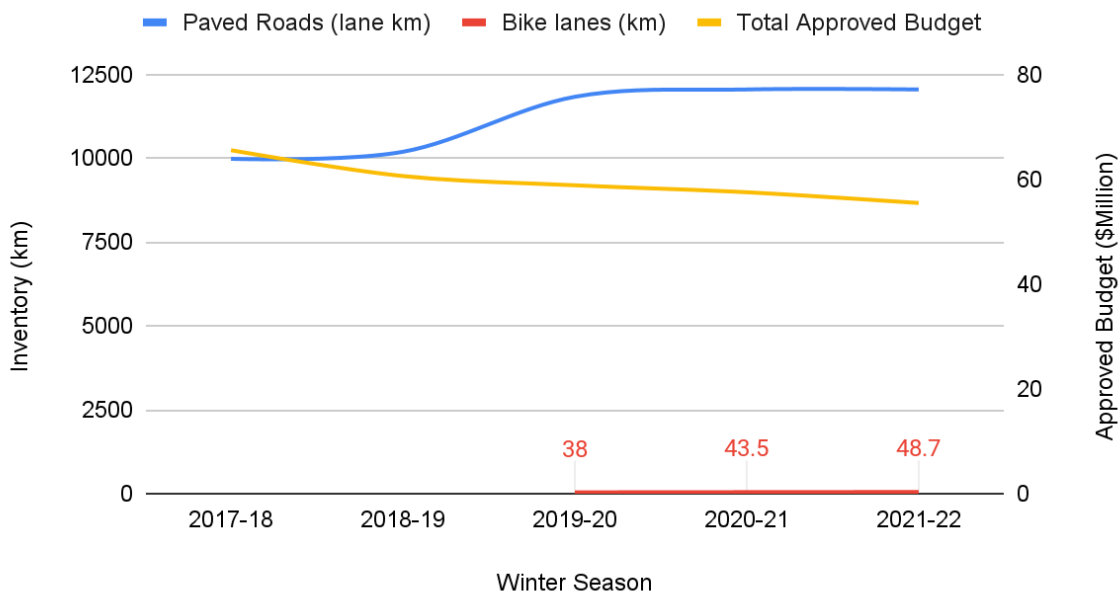


### Road and Bike Lane Inventory Versus Employee Headcount 2017-22



### Budget and Inventory 2017-22

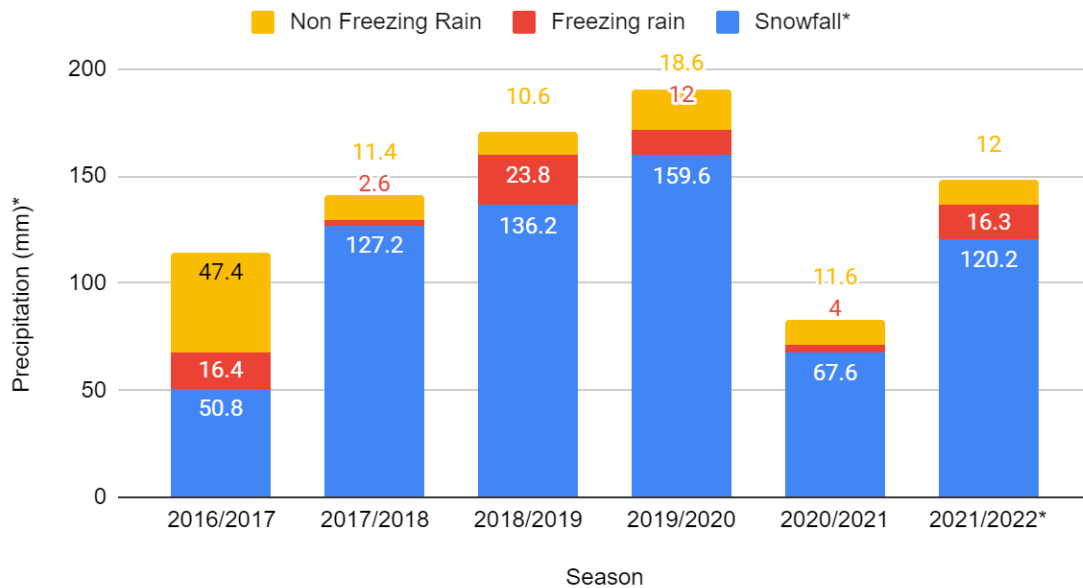
Budget for 2022 is not reported until later in the year.



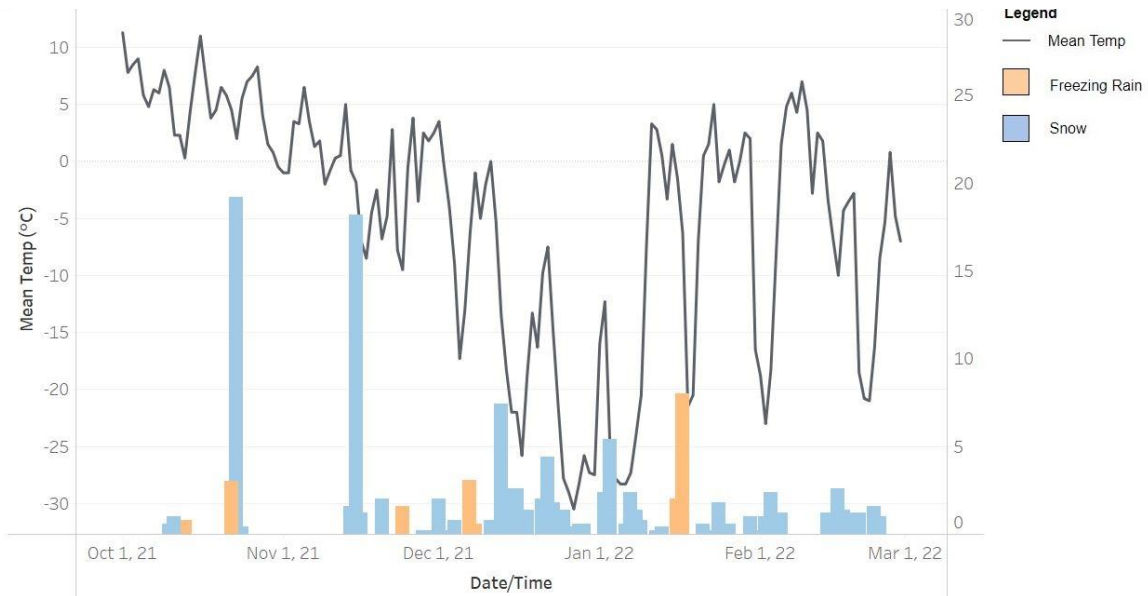
### Historic Precipitation 2016-22

Precipitation equivalent used for snowfall amounts (1 cm of snow = 1 mm of precipitation) is common practice in meteorological measurements.

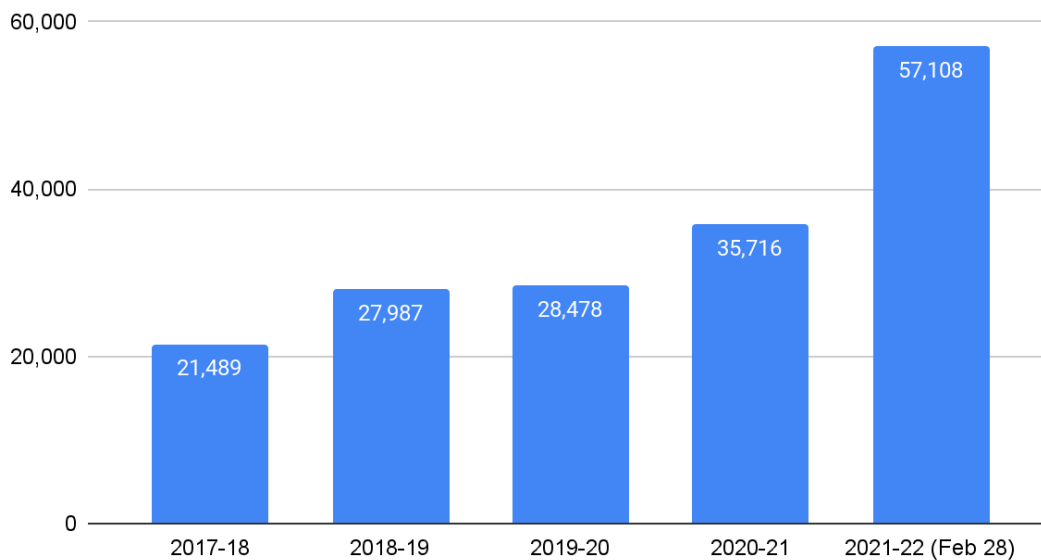
Each winter season is measured October - April (2021/2022 is measured to Feb 28, 2022).



### 2021-22 Winter Season Precipitation and Temperature



### 311 Notifications



- Sizeable increase in notifications this season. In Jan - Feb 2022 alone, there were 11,000 notifications related to windrows. 14,000 for entire season to date (previously 6,000 total for 2018-21)
- For the current season, there were approximately 10,000 'snow on sidewalk' notifications.
- Over 4,000 'snow blocked' notifications this year (same number for past 5 years)

## 2021-22 Winter Season Performance Results

Roadways <i>*to March 30, 2022</i>		
Type of Roadway Inventory	Service Level Standard	Average % Inventory Cleared to Standard
P1- Freeways, arterial roads, business districts, bus routes	Bare pavement in 36 hrs	76.1%
P1 - Alleys/back lanes in business districts	5 cm snowpack within 36 hrs	76.1%
P2 - Collector roads, bus routes, transit park and ride access.	Bare pavement within 48 hrs	36.5%
P3 - Industrial roadways	Bare pavement within 5 days following end of snowfall	89.07%
P3 - Rural roadways	Level snowpack within 5 days following end of snowfall	89.07%
P4 - Residential roads, alleys	Completed within 7-9 days once a blading cycle is initiated <i>(current service timeline is based on blading to a 5 cm snow pack)</i>	59.8%

## 2021-22 Winter Season Performance Results

Active Pathways <i>*To March 30, 2022</i>		
Type of Active Pathway Inventory	Service Level Standard	Average % Inventory Cleared to Standard
P1 - Inventory adjacent to City Hall, recreation centres and seniors centres (includes bus stops and staircases)	24 hrs	98.7%
P1 - Prioritized bike route network	24 hrs	91.4%
P2 - City maintained sidewalks, wheelchair ramps, shared pathways (eg. 124 St W on 102 Ave) parking lots	48 hrs	67.3%
P2 - Access to bus stops adjacent to City property	48 hrs	67.3%
P2 - Non-prioritized, separated bike lanes	48 hrs	86.5%
P2 - Pedestrian bridges	48 hrs	90.4%
P2 - All-season stairs not adjacent to City facilities	48 hrs	88.4%
P2 - Hard surface trail network in the river valley	48 hrs	82.5%
P3 - Manually cleared areas in bus stops (eg. around benches, windrow in front of bus stop), active pathways and public amenities (eg. breezeways, benches)	120 hrs	41.9%
P3 - Sandboxes	120 hrs	57.8%