Waste & Recycling Services Community Recycling Depot Optimization Update

Standing Policy Committee on Utilities and Corporate Services
UCS2019-0363
2019 March 20
ICS: Unrestricted

Overview

- Program Overview

- Optimization Project

- Alternative

- Next Steps: monitor and optimize

CRD Program Details

CRD Program History

- Started in 1991: 5 depots
- Peak in 2008: 52 depots & over 40,000 tonnes
- New programs and other diversion requirements have reduced CRD volumes
- Depots closed through attrition and optimization project

Annual CRD Tonnages and Number of Depots
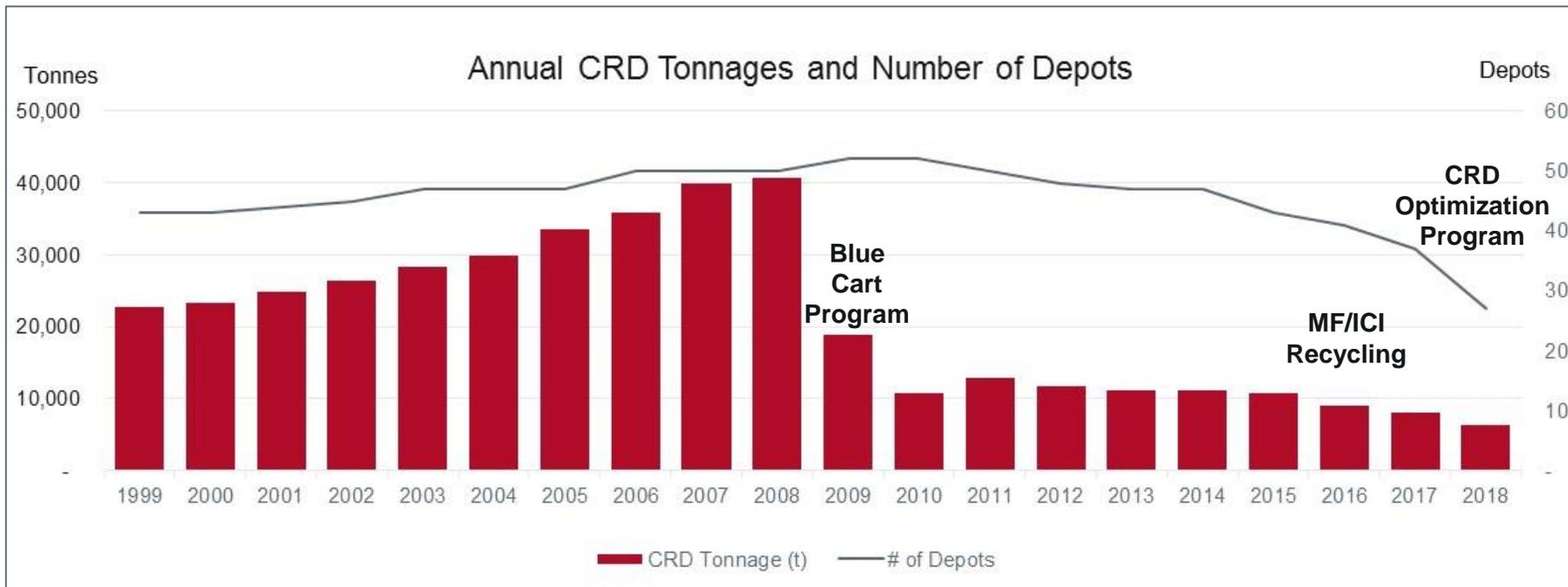
CRD Network Map

CRD Program

Number of CRD Locations	Number of Bins	Number of Trucks
#		
27	**184**	**4**

Days of Collection Per Week	2018 Tonnes	Total Operating Cost
7	**6,000+**	$**4.5** million* * Incorporates revenue
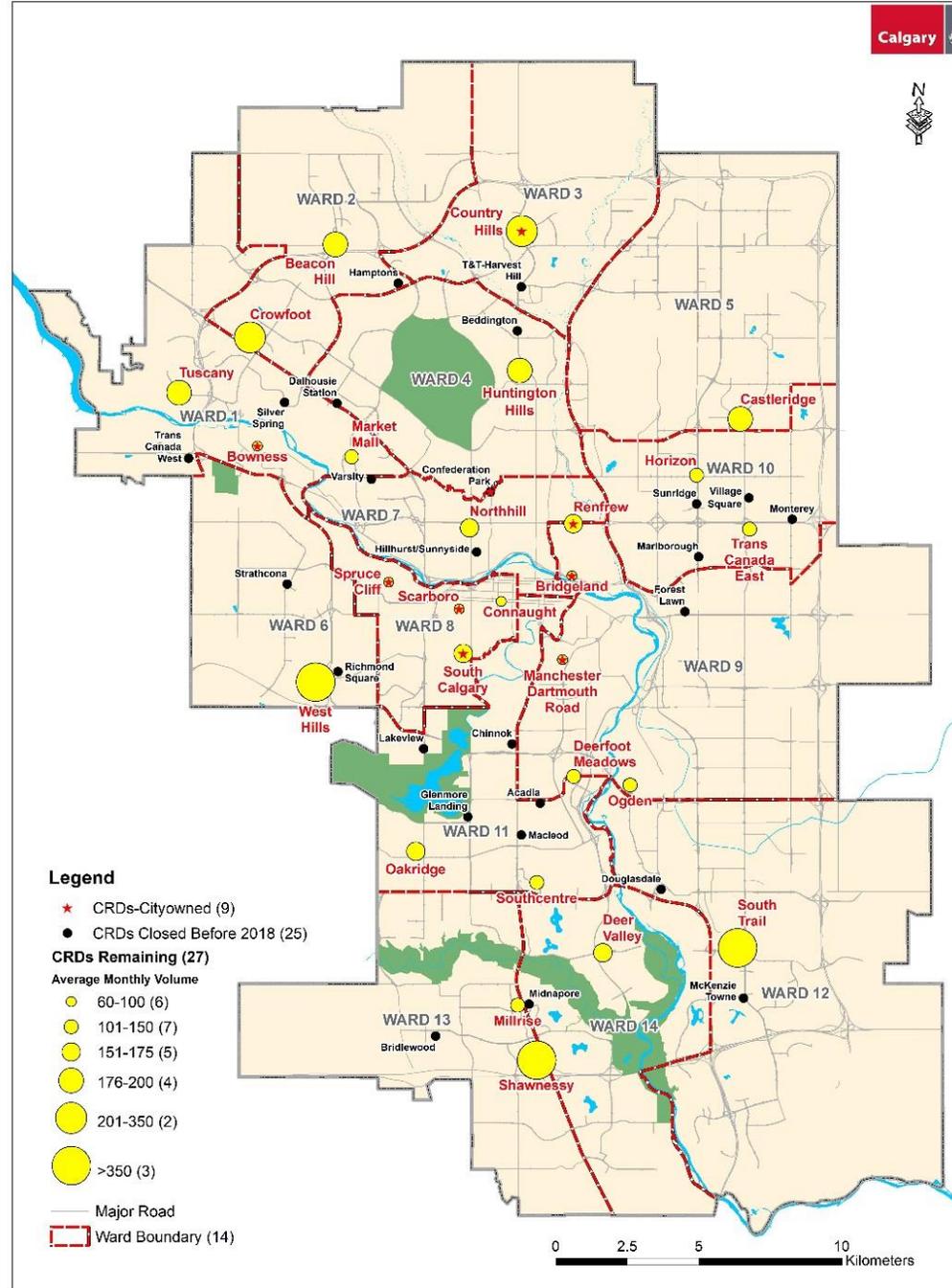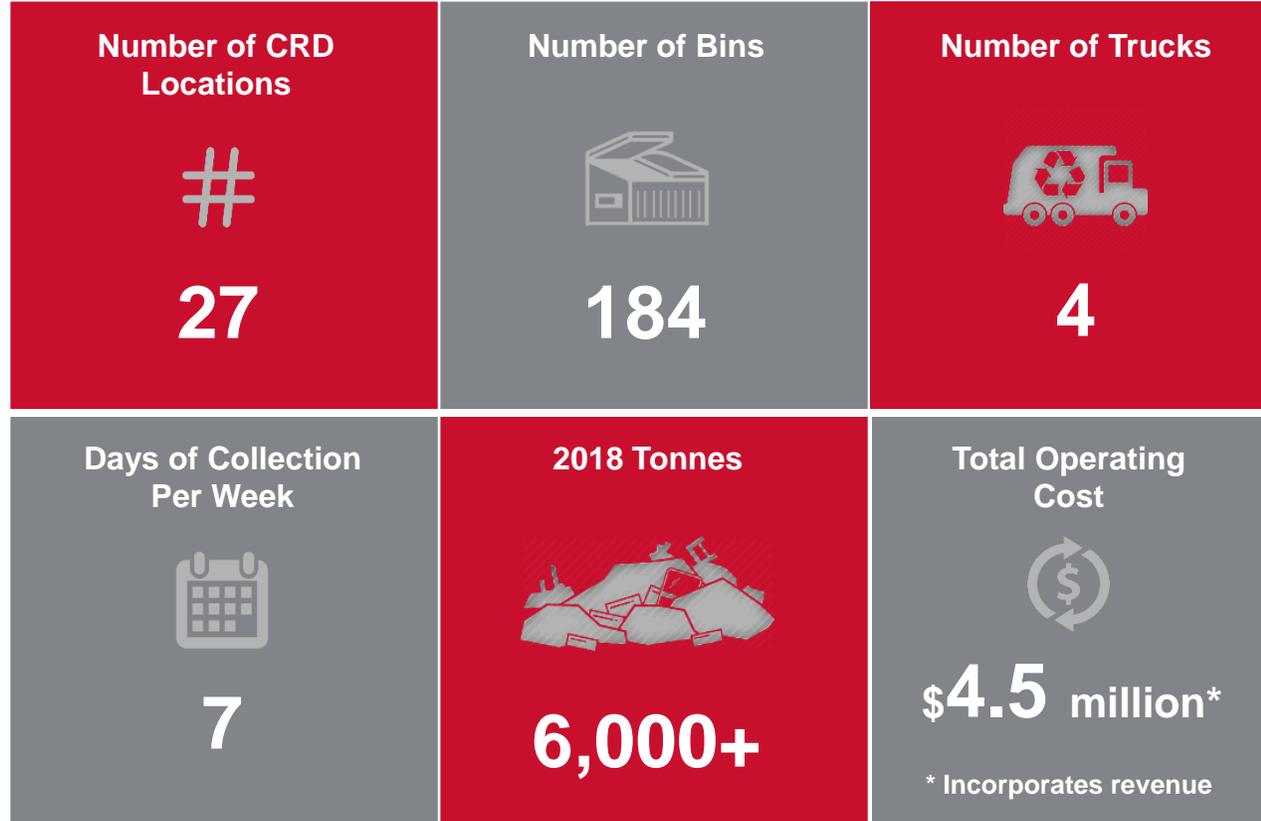
CRD User Survey - 2017

- 57% of the users were single-family residents (blue carts at home)

- Primary use is for oversized cardboard and extra recyclables

CRD User Profile

- Single Family
- Multi-Family
- ICI
- Out of city

21%

6%

57%

16%

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Attachment 3
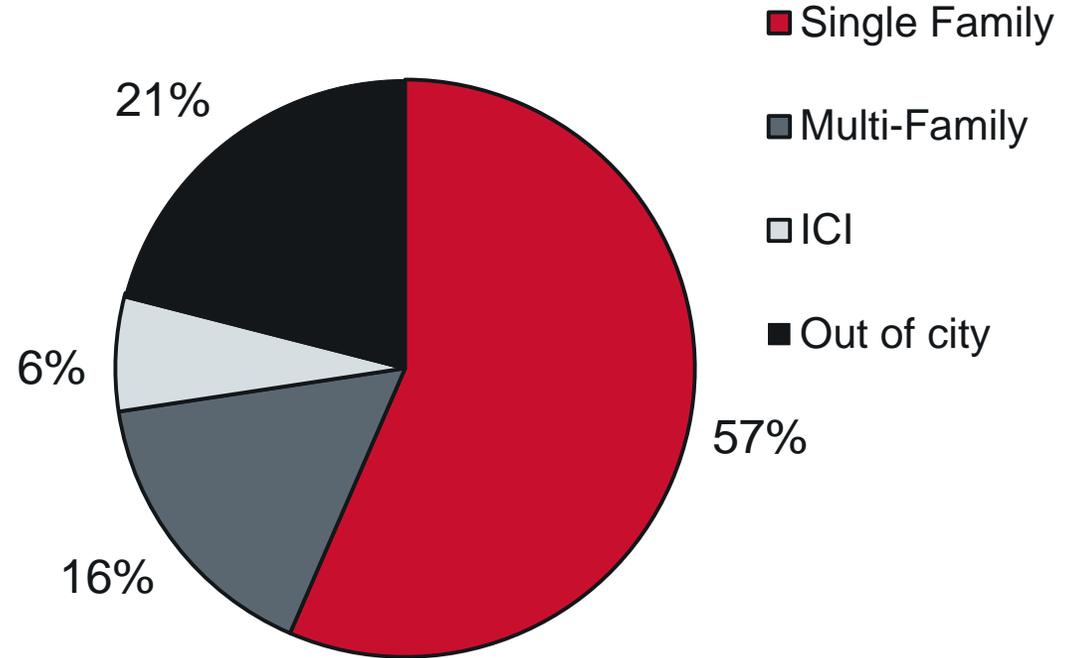
City Collected Recyclables by Source
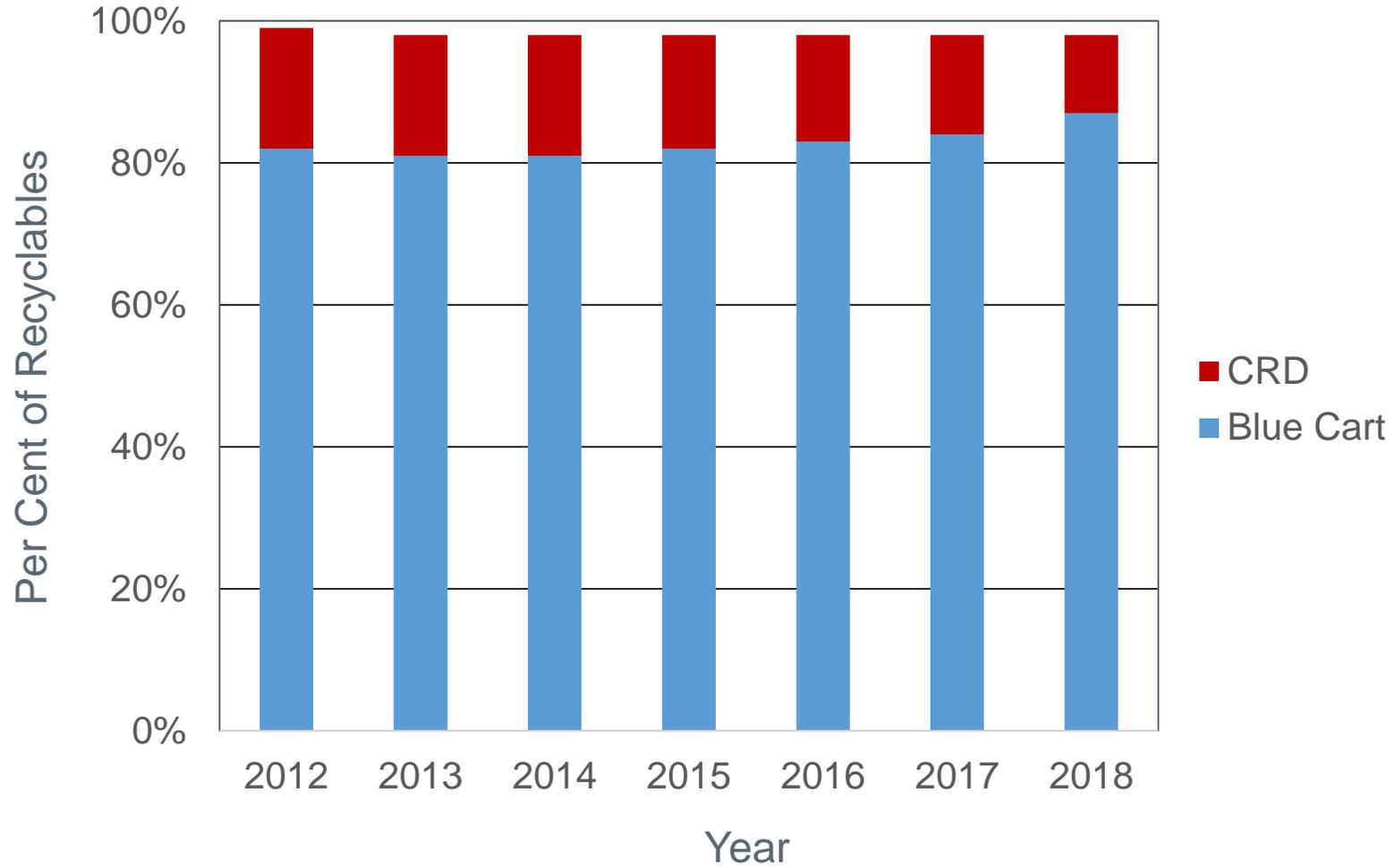
CRD Optimization Project

- External scan (best practices)

- Determine appropriate number of depots

- Identify best locations

- Balance community need with program costs

- Resulted in:

    – Reduction of 8 depots, relocation of depots

    – Decreased the number of trucks by 2

    – Savings of $1.4 million

    – Developed long-term aim (4 – 5 depots per city quadrant)

Alternative to CRD Program

Collecting excess residential recyclables in blue bags outside the blue cart

- Requires additional MRF staff and equipment

- Reduces collection efficiency

- Increases illegal dumping

- More expensive

- Reduces convenience

- Removes additional diversion opportunity.

Conclusion

CRDs provide:

- An option for residents with excess and oversized recyclables

- Diversion opportunity for multi-family complexes and business

- An economic and efficient way to handle recyclables

Recommendation

That the Standing Policy Committee (SPC) on Utilities and Corporate Services (UCS) recommends that Council direct Administration to continue to optimize the Community Recycling Depot network and report back to SPC on UCS no later than Q1 2021 with an update.

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Attachment 3