

Waste Plan Regina

2015/2016 Update



What we Have Achieved in 2015/16

In January 2011, City Council adopted Waste Plan Regina's (WPR) Enhanced Residential Service Option and set a target to divert 40 per cent of residential waste by 2015; 65 per cent by 2020. This update summarizes accomplishments in 2015 and 2016 and provides a work plan through 2021.

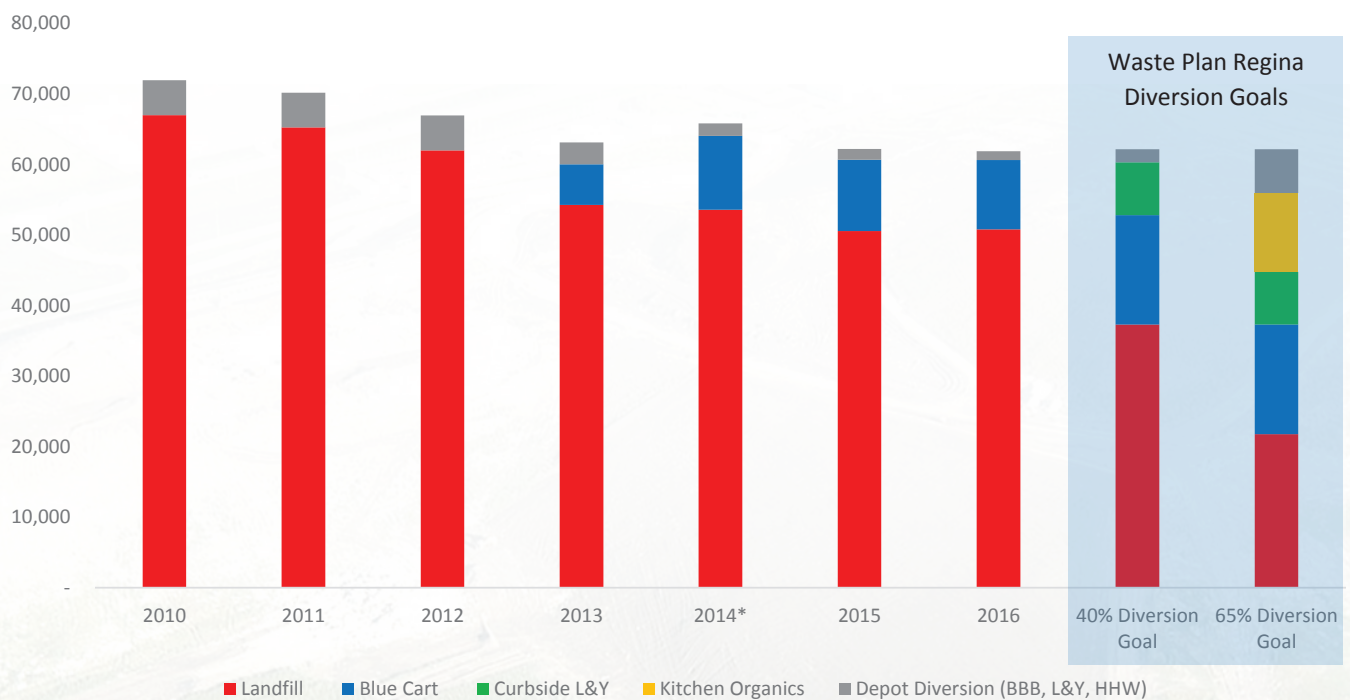
Progress toward achieving the diversion goals will come from on-going implementation of approved residential services, continued public education and outreach programming and introducing diversion opportunities for non-residential properties.

Accomplishments

- Residential diversion rate improved to 20 per cent.
- Implemented mandatory multi-family recycling effective January 1, 2015; 98 per cent of these properties have recycling services.
- Initiated a key public education campaign titled "Recycle the Right Stuff" to inform residents of what is and is not accepted in the curbside Blue Cart program.
- Engaged over 15,000 people through public education and outreach initiatives.
- Coordinated Household Hazardous Waste Days, Leaf & Yard Waste Depots, Treecycle, Big Blue Bin Program and landfill diversion for items such as scrap metal, white goods, propane tanks, and batteries.
- Began a long-term study to better understand residential waste and to gather comprehensive data to inform future programming decisions.
- Introduced the 240-litre garbage carts for new service and replacements.

Regina residents continue to generate less waste since the adoption of Waste Plan Regina

Tonnes of Material Collected Through Residential Curbside and Depot Services



*RECYCLING EXPERIENCED A ONE-TIME INCREASE IN 2014 AS A RESULT OF THE CITY-WIDE BLUE CART RECYCLING PROGRAM.

Waste Diversion is Improving

	2014	2015	2016
City Program Diversion	18%	18%	20%
(Reported in tonnes)			
Blue Cart	9,012	7,914	8,074
Big Blue Bin	1,383	1,069	868
Leaf & Yard Depots	228	312	411
Household Hazardous Waste	55	54	91
Treecycle	78	76	44
Diversion at the landfill	4,446	4,422	6,293
Total Diversion	15,201	13,843	15,781
Garbage	69,794	64,601	63,439

Did you know?

In the solid waste industry, the term “diversion” is used to express how much waste is redirected from, or kept out of, the landfill. In most cases, the diverted waste is either recycled or composted. To measure the City’s diversion efforts, the weight of waste collected through programs such as Blue Cart Recycling and Leaf & Yard Waste Depots is divided by the total weight of residential garbage and diversion to calculate the percentage of waste diverted.

What's in our Brown Cart Garbage?

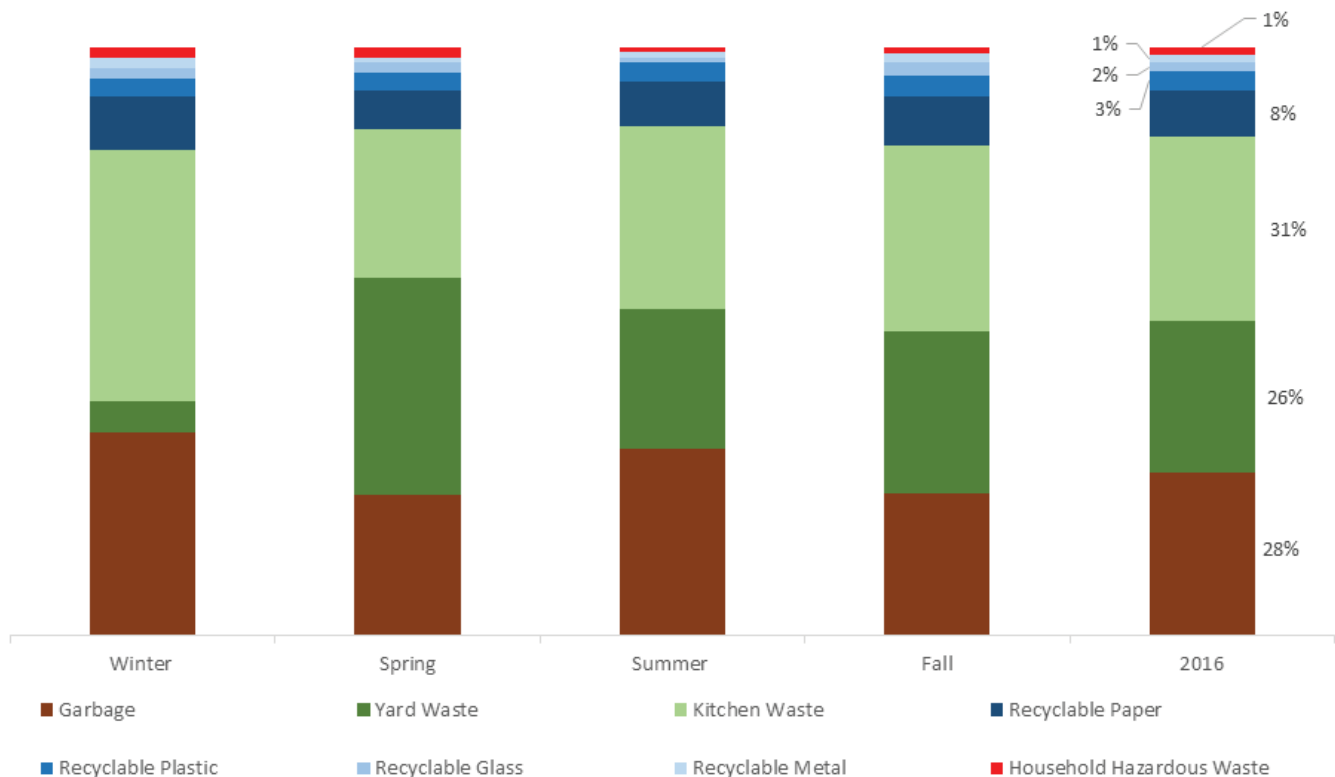
The City launched a study to learn what material was being placed in garbage and recycling carts each week. Four studies – winter, spring, summer and fall - were conducted in 2016.

The waste study revealed that, on average, 14 per cent of what is rolled out in garbage carts each week can be recycled through the Blue Cart Program. The majority of recyclable material that ends up in the garbage is paper.

Organic material, such as yard and kitchen waste, makes up 57 per cent of what residents roll out to the curb each week. This material provides the greatest opportunity for future waste diversion.

Information from this study is used to inform future services and identify education and outreach opportunities.

Regina Curbside Garbage Composition



What is in our Blue Cart Recycling?

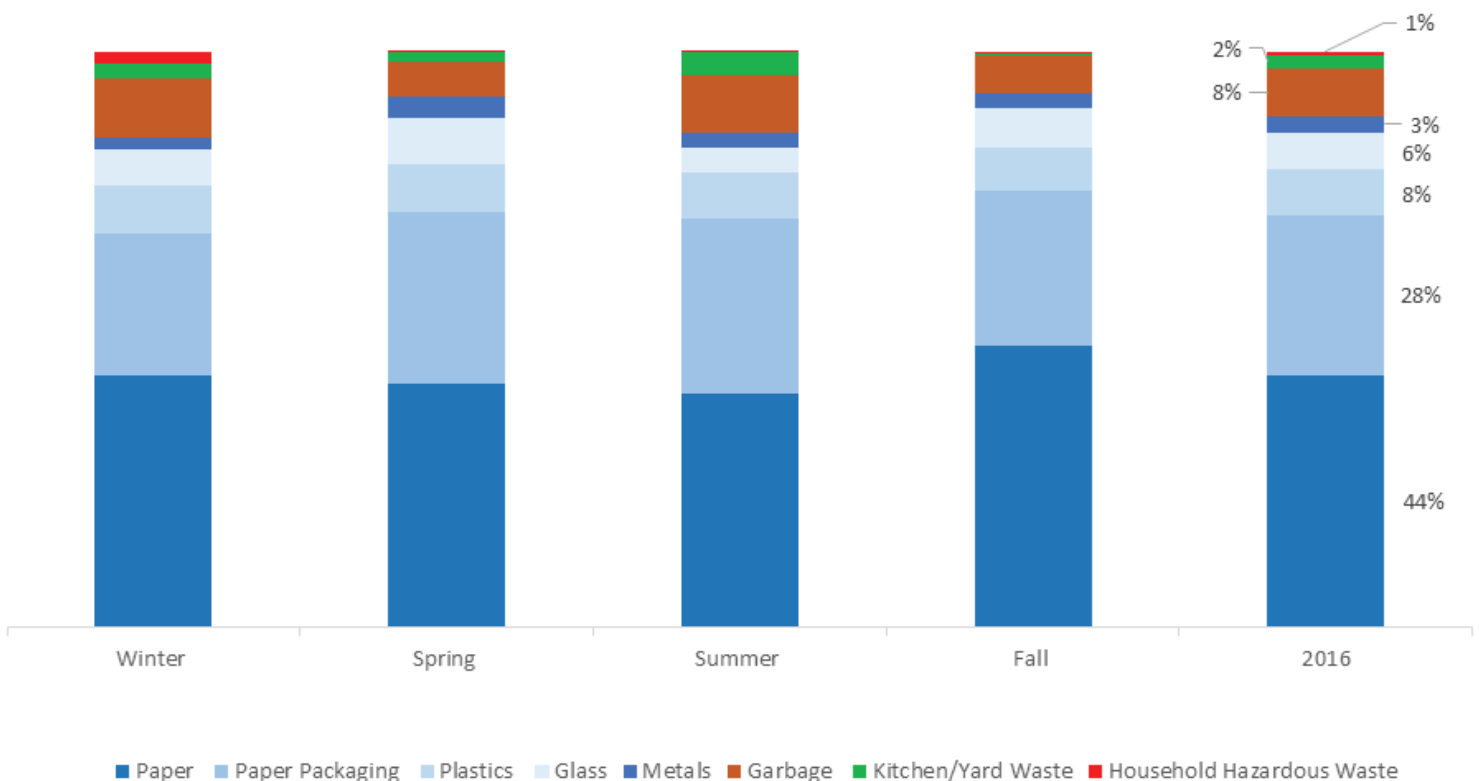
On average, 11 per cent of what is rolled out in Blue Carts each week should be placed in the garbage. The majority of unrecyclable material that ends up in the Blue Cart are durable plastic products, like toys and clothing hampers and glass such as dishware.

Paper and paper packaging makes up 72 per cent of what residents roll out to the curb each week.

Non-recyclable material placed in the Blue Cart has decreased two per cent since the “Recycle the Right Stuff” campaign was launched in 2015.



Regina Curbside Recycling Composition



The City of Regina Measures Up

In an effort to continuously improve its ability to provide effective and efficient service to residents the City of Regina joined Municipal Benchmarking Network Canada, a national organization that provides a framework for measuring municipal efficiency and

effectiveness on a wide range of services. Comparatively, Regina has the lowest level of solid waste diversion. These results are consistent with a city that has recently started to work with residents on concepts of conservation and waste management.

Fig. 34.4 Percent of Residential Solid Waste Diverted

The measure demonstrates the percent of residential waste diverted away from landfills and incineration through programs such as organics, blue box, leaf and yard, municipal hazardous or special waste and other recyclable materials, e.g. wood, metal, tires.



2013	28.2%	52.3%	55.8%	47.8%	44.1%	31.0%	52.5%	46.4%	N/A	19.5%	53.3%	52.3%	38.3%	32.0%	58.4%	47.1%
2014	27.5%	53.2%	58.2%	47.3%	45.4%	30.9%	52.4%	45.0%	N/A	21.8%	52.7%	51.7%	41.1%	33.6%	64.2%	46.4%
2015	28.3%	52.0%	56.9%	47.1%	44.5%	32.5%	54.3%	46.2%	17.8%	26.1%	52.3%	53.0%	40.9%	34.3%	63.5%	46.2%

Source: SWST105M (Community Impact)

MMSW Funding for Recycling

Multi-Material Stewardship Western's (MMSW) Waste Packaging and Paper Stewardship Plan officially launched on January 1, 2016. This program provides funding to municipalities and First Nations partners to support recycling services similar to other provincial stewardship programs. Funding comes from a fee structure representing the volume of packaging and paper products businesses generate that end up in residential waste. The City is required to pay fees under this program for the paper products distributed such as our information brochures, leisure guides, tax and utility bills.

The City received \$11.75 per household in 2016. Funding will support public education and outreach through school outreach, community events and media campaigns. As well, funding will allow the City to achieve greater oversight of recycling service providers, ensuring their processes contribute positively to the City's 65 per cent diversion target.

City of Regina Curbside Collection Services

The City provides solid waste collection services to approximately 64,400 single-family residential properties, a 2.9 per cent increase in households since 2014. At each property, a 360-litre or 240-litre rollout cart is used for weekly garbage collection and a 360-litre cart for bi-weekly recycling collection.

The City works with a number of private sector service providers to ensure garbage and recycling is collected and processed to the best industry standards.

In the summer of 2015, the City introduced 240-litre garbage carts to new residential developments and as replacements for damaged or missing carts. The 240-litre garbage carts provide sufficient capacity based on the residential waste composition study and also promotes the use of diversion programs. To date, the City has installed approximately 2,200 240-litre carts.

11% of material in the Blue Cart is garbage

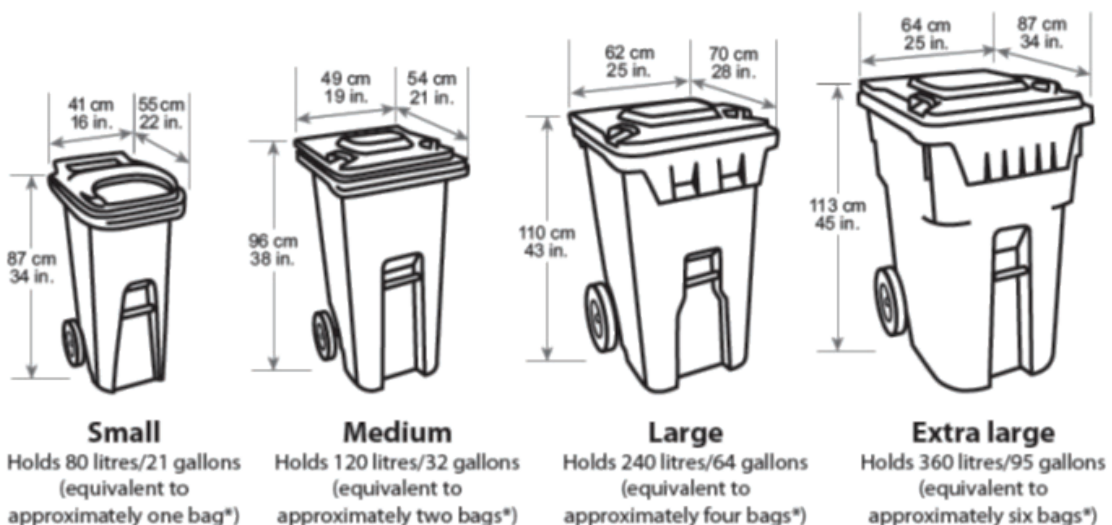
Blue Carts are **72%** full on collection day

Blue Cart set out is **70%**

14% of material in the Brown Cart is recyclable

Brown Carts are **60%** full on collection day

Brown Cart set out is **75%**



* A standard 30 in. x 38 in. (76 cm x 96 cm) bag

Note: all dimensions are approximate



Over 26,300 apartments and condos at 847 multi-family properties have access to recycling services

Multi-Family Recycling

Mandatory multi-family recycling became effective January 1, 2015, requiring apartment and condo managers to provide onsite recycling service for all tenants. Garbage and recycling services for multi-family properties are currently delivered through the private sector. To date, 98 per cent of the 847 properties reported that a recycling service for their property had been implemented. The City monitors waste plan submissions and tenant inquiries to ensure property owners provide their residents with a recycling service.

Drop-off Depot Services

In addition to residential garbage and recycling services, the City provides depot options for items that can be recycled and composted but not included in curbside collection, and for materials that are not safe to dispose of at the landfill. Residents diverted more than 546 tonnes of material from the landfill in 2016 through City-run depot events, a 24 per cent increase over 2015. The events provide staff with an excellent opportunity to interact with residents and promote waste diversion.



Depot Highlights

Waste diverted through the Leaf & Yard Waste Depots increased 32 per cent in 2016.



Over 3,000 vehicles visited Household Hazardous Waste (HHW) events in 2015 and 2016.



The amount of household hazardous waste, electronics, scrap tires, and white goods collected in 2016 increased 69 per cent over 2015.



Material collected through the Big Blue Bin Program dropped 19 per cent, but still accounted for nine per cent of diverted material in 2016.



Use of the Treecycle Depots dropped 42 per cent in 2016.

Recycle the Right Stuff

Beginning in 2015, emphasis was placed on reinforcing how to use the Blue Cart Recycling Program to its full benefit with the media campaign “Recycle the Right Stuff”. The messages were focused on clarifying what is and is not acceptable in the program. The campaign included online advertising, web banners as well as the use of billboards, television commercials, radio and print ads. The campaign was supported by social media posts, sorting guides and public education booths.

The initial campaign messages encouraged residents to recycle bathroom and laundry items and to keep reusable item such as toys and clothes, and hazardous materials such as propane tanks out of the recycling cart. Continued efforts in 2016 shifted focus to tin, plastic and disposable coffee cups, based on data collected from the waste composition study.



In addition to “Recycle the Right Stuff” public education booths, the City hosted interactive “Regina Recycles” events at Regina public library branches, schools and community group events to engage children in learning about waste and recycling. Roam and Explore stations had different activities such as learning about a landfill, building a bracelet about the 3R’s (reduce, reuse and recycle), and what can and cannot go into the Blue Cart. City Staff engaged over 15,000 people at public education and outreach events in 2015 and 2016.

Social Media was key in delivering service information in 2015/16

City of Regina @CityofRegina · 3h
 #YQR residents who celebrate the holidays with a natural tree can drop them off at Treecycle depots Dec 29 - Jan 30
ow.ly/WgVLC

City of Regina | Municipal Government added 2 new photos.
 19 hrs · 🌐

Check out the recycling information booth on main floor City Hall today until 5 p.m. It's Waste Reduction Week (October 19-25).
 Test out your recycling skills and win prizes!
 Visit Regina.ca/waste for more information about the City's waste and recycling programs.



City of Regina | Municipal Government
 9 mins · 🌐

Have fun and learn at the same time!
 You have two more opportunities to drop in at one of our libraries and explore different recycling stations with your kids and City Solid Waste staff. It's a fun afternoon of recycling for the whole family!
<http://www.regina.ca/residents/waste/wastereduction/#library>



City of Regina | Municipal Government
 15 hrs · 🌐

Today, Mayor Michael Fougere presented Lisa Legault, director of solid waste, with the proclamation for "Waste Reduction Week" in Regina, October 19 to 25.
 To celebrate, we will be sharing fun facts and reminders over social media this week on how to reduce your waste and recycle the right stuff.
 Visit Regina.ca/waste to learn about our waste and recycling programs including Leaf and Yard Waste Depots and our Regina Recycles! Library Event happening at Sunrise Branch this Saturday, October 24, 1:30 p.m. to 4 p.m.

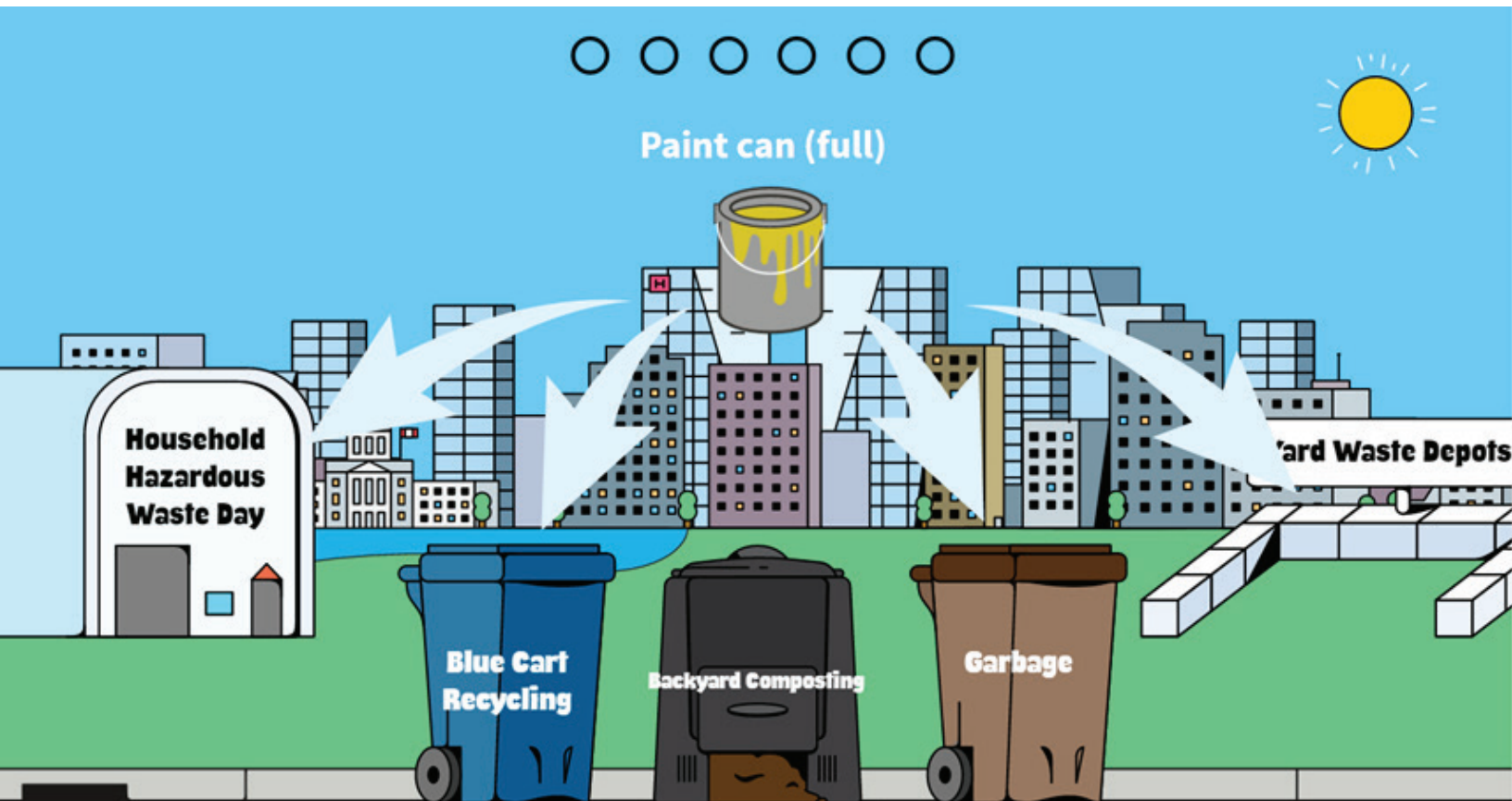


City of Regina | Municipal Government
 20 October at 11:30 · 🌐

Thank you to the residents of Regina for coming to Household Hazardous Waste Day on Saturday, October 3. With your help, we collected more than 37,512 lbs of hazardous waste, including chemicals, propane tanks, paint and batteries! We reused, recycled and disposed of the materials in an environmentally-responsible manner. Household Hazardous Waste Day is another way we can all work together to reduce landfill waste. See you in Spring 2016!



Interactive Waste Tools



Online information about Regina’s solid waste management services was enhanced in 2015 by updating Regina.ca/waste. The Waste and Recycling page now includes a feature that allows residents to sign up for collection day reminders, inquire about where specific items can be disposed of, and play an interactive waste sorting game. There are currently over 10,000 residents subscribed to the collection day reminder and this tool also allows the City to inform residents of other waste collection events such as Household Hazardous Waste Day.

In 2015 the City introduced the “How Do I Dispose of...?” tool. This interactive feature

is a search tool that provides information on where to recycle or dispose of waste. Commonly searched items are microwaves, plastic bags, and batteries.

The City further expanded the website during 2016’s Waste Reduction Week by rolling out the Waste Sorting Game. The game gives residents a chance to test their waste sorting knowledge by placing material in the correct bin or drop off depot.

Information collected through the search tool and game is used to develop education and outreach material.

Residents Have Spoken

2015 Citizen Satisfaction Survey

The 2015 Citizen Satisfaction Survey gauged how residents felt about the City, including municipal services, taxation and communications.

92% of residents believe that recycling collection is an important service.

86% of residents are satisfied with residential recycling collection.

99% of residents believe that garbage collection is an important service.

94% of residents are satisfied with residential garbage collection.

2016 Solid Waste Survey

Public engagement was, and continues to be, an integral part of the development of Waste Plan Regina. In 2016, a telephone survey, in collaboration with Ipsos, reconfirmed the priorities residents have with regards to waste management.

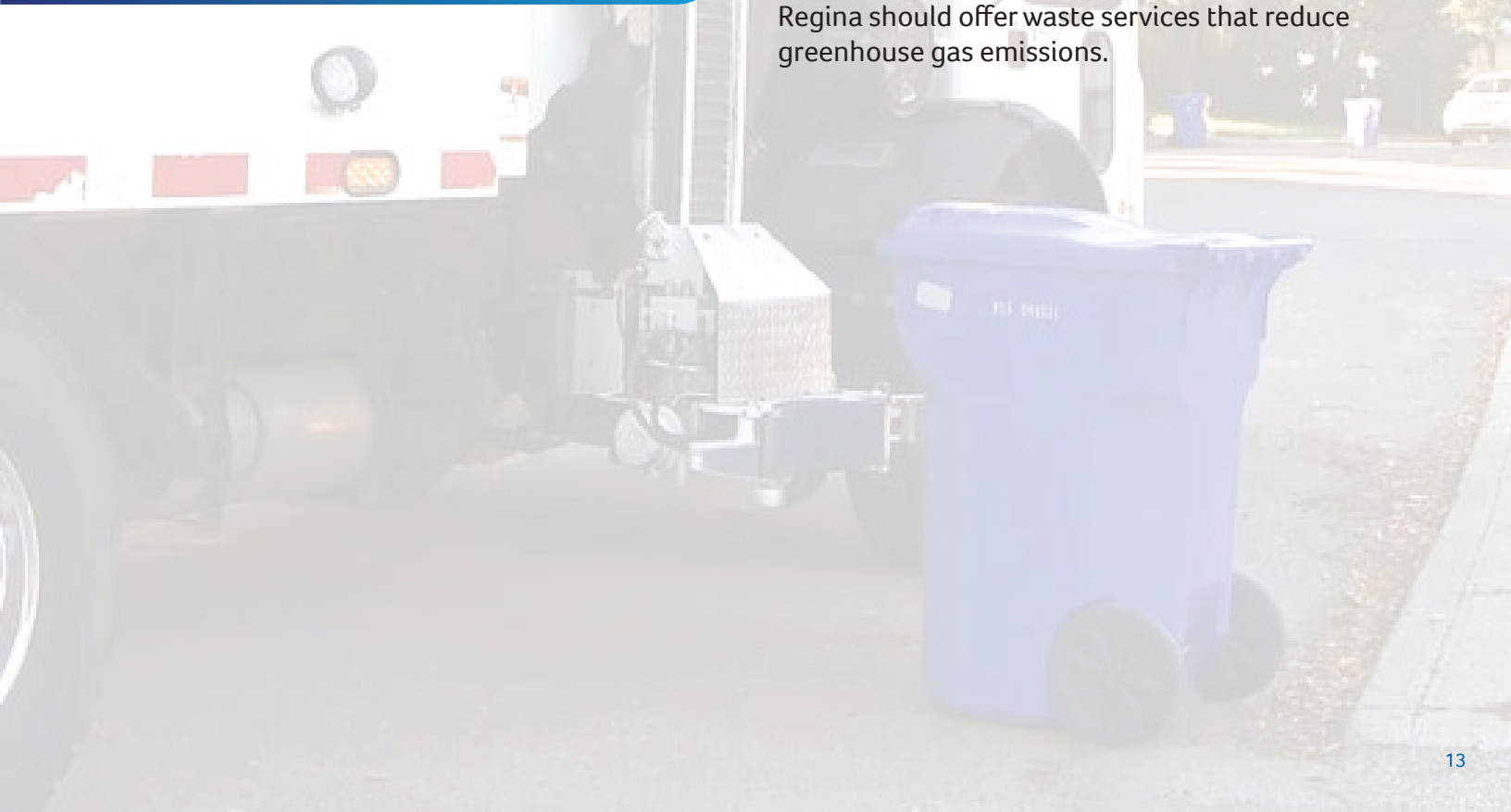
Key highlights:

96% of respondents agree that it is important to reduce the amount of household waste going to the landfill.

91% of respondents agree that the City of Regina has a responsibility to help residents reduce the amount of waste going to the landfill.

96% of respondents say it is important that the City should offer waste services that provide convenient options for residents.

93% of respondents say it is important that Regina should offer waste services that reduce greenhouse gas emissions.



Waste Plan Regina Moving Forward

Over the next few years, the City will focus on completing the roll out of Residential Services and develop diversion initiatives for non-residential properties. The City will also be working with communities in the surrounding area to explore regional opportunities to increase diversion.

2017	2018	2019	2020	2021
Organic (kitchen and yard waste) service recommendation and implementation				
Household hazardous waste service assessment and recommendation				
Bulky waste collection service assessment				
Recycling pilot project for City-owned and operated facilities				
Diversion opportunities at the landfill				
Operate interim Leaf & Yard and HHW Depots				
Consistent education and outreach for diversion programing				
Consistent monitoring and evaluation of diversion programing				
Waste Plan Regina renewal				
Industrial, Commercial and Institutional service development				
Construction and demolition service development				

City of Regina

