

Background

Each year, the Resource Productivity and Recovery Authority (RPPRA) receives reports from municipalities, recycling associations and First Nations (“municipal programs”) on the amounts of materials diverted under each of their residential waste diversion programs—the Municipal Datacall. This includes submitting tonnage and financial information for residential Blue Box material collected from local residents. In addition, RPPRA requests the submission of tonnage data for all other non-Blue Box materials the municipal program operates, including hazardous or special waste, waste electrical and electronic equipment, organics, garbage, and other materials.

This report is the fourth in a series of five reports based on data collected in the 2016 Datacall. It covers the quantity (in tonnes) of Non-Blue Box or other recyclables diverted from landfill, including:

- Textiles;
- Bulky goods;
- Scrap metal;
- Drywall;
- Wood;
- Brick and Concrete; and
- Other Construction and Demolition (C&D) material.

As part of the 2016 Datacall RPPRA introduced the Short Form Datacall (SFD) available to all municipal programs with a population under 30,000. Municipalities that reported under the SFD were only required to submit Blue Box data, and therefore will not be included in this report. All tables and graphs from previous years have been updated to only include relevant data

The information in this report highlights trends in the data from Non-Blue Box recyclable collection programs across the province over the previous five years. The data used to generate this analysis can be found in the *2016 Other Recyclables* spreadsheet available on RPPRA’s website:

Municipal Datacall Reporting

Of the 241 programs that submitted 2016 Datacall information, 105 municipal programs reported under the Long Form Datacall, with 84 of those municipal programs reporting residential Non-Blue Box recyclable collection in 2016. These municipal programs reported a total population of 12,994,892 and total household count of 5,146,914 which represents 96.1% and 95.0% of the provincial total respectively.

Verification of Data Reported

There are several check points to ensure that the data reported into the Datacall by municipal programs is accurate. After the Datacall reporting period ends, RPPRA attempts to verify the data provided by each program in its Datacall submission form through a data verification process. Although staff assess each section of the Datacall, the municipal program remains responsible for the correctness of data submitted. The verification process can include the confirmation of any data variances from the previous year and an assessment of costs and tonnages reported

Analysis

Increase in collection of Non-Blue Box recyclables in 2016

In 2016, a total of 134,285 tonnes of Non-Blue Box material was reported as collected by Municipal Programs participating in the Long Form Datacall. This represents a 2.0% increase over 2015 and an overall 27.6% increase since 2012, as shown in Figure 1.

Starting in 2012, municipalities have allocated 7.1 kg per capita diversion for Passenger and Light Truck tires, compared to the previous reporting of actual tonnes of residential tires collected at municipal collection sites only.

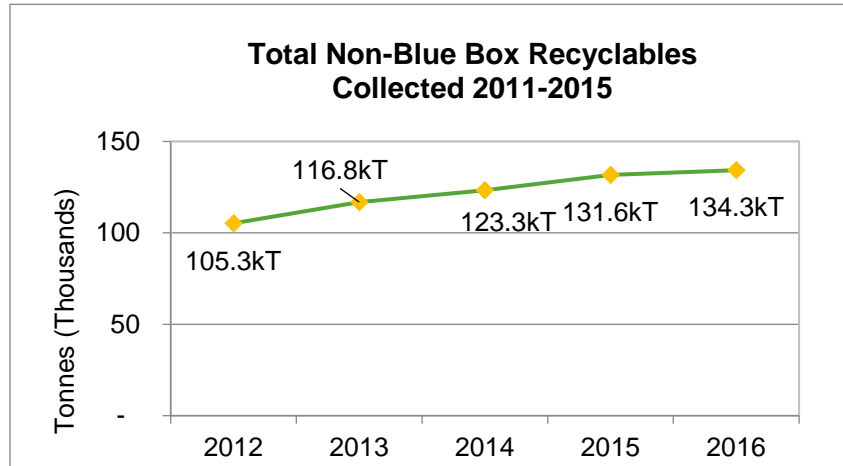


Figure 1: Total Non-Blue Box Recyclables Collected 2012-2016

Reusable material diverted from landfill is no longer reported with Non-Blue Box recyclables in the Datacall. It is now included in calculations of the overall residential diversion rates. The data in Figure 1 does not include tonnages for used tires and reusable materials since 2012, due to the Datacall reporting change.

Brick/C&D materials, Wood, and Scrap Metal remain the largest contributors to the total amount of Non Blue Box Recyclables collected in Ontario

The heavier materials such as wood, brick and C&D waste represent a majority portion of recyclables tonnes (78%), continuing the trend of the past five years.

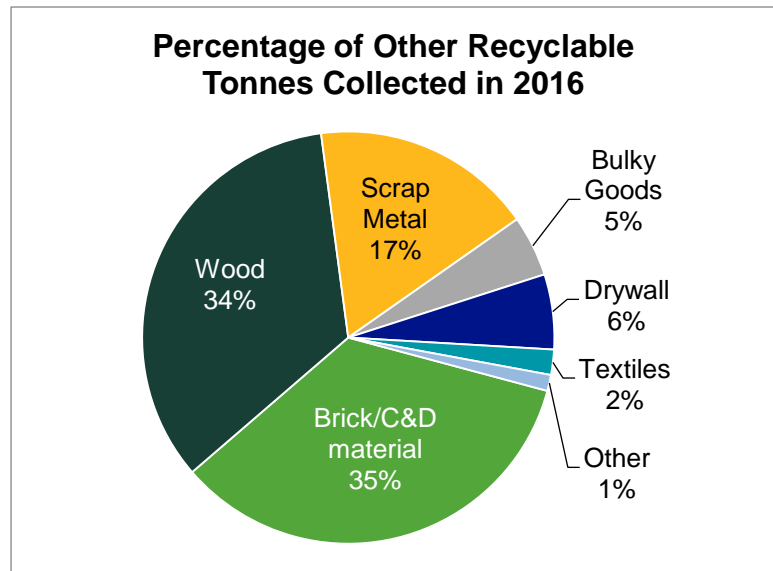


Figure 2: Percentage of Other Recyclable Tonnes Collected 2016

Figures 3 to 8 illustrate the tonnages for each category of other recyclables in the last five years. All materials except Bulky Goods have experienced an increase in tonnages collected since last year: Brick and Other C&D (+4.4%), Wood (+14.2%), Scrap Metal (+10.8%), Drywall (+7.6%), and Textiles (+9.6%). The exception to this trend, Bulky Goods, decreased by 15.6%.

The increases in Non-Blue Box recyclables collected might be attributed to increased promotion and awareness of the residential Non-Blue Box recyclables accepted by each municipal program. While the majority of these materials are found in the Industrial, Commercial and Institutional (IC&I) sector, the Datacall reports only the residential portion of these materials.

Although it is challenging to comment on the trends for each material in the last five years due to many contributing factors, it is apparent in recent years that municipal programs have been expanding the recycling of Non-Blue Box materials.

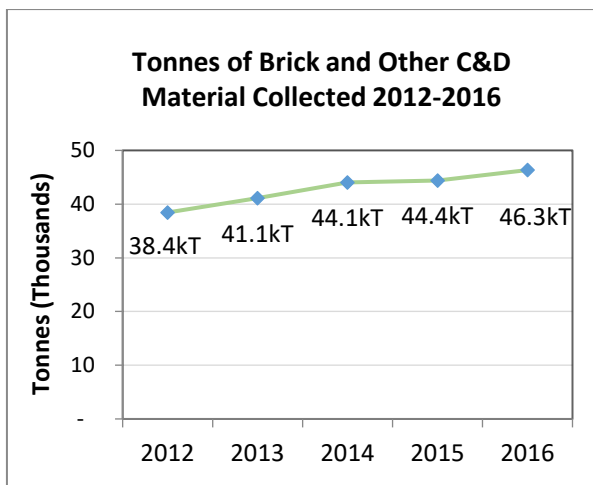


Figure 3: Tonnes of Brick and Other C&D 2012 - 2016

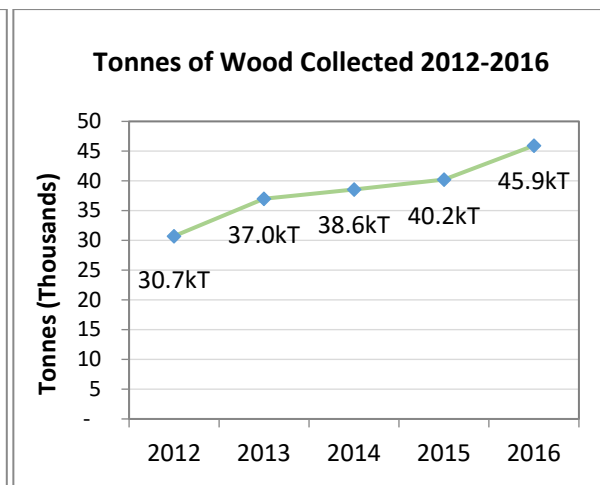


Figure 4: Tonnes of Wood 2012 - 2016

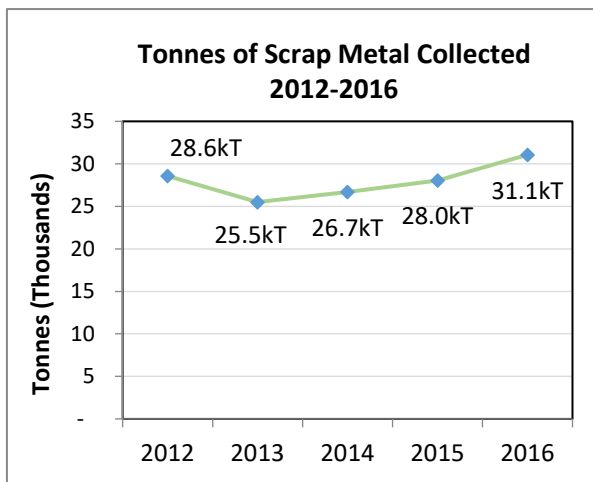


Figure 5: Tonnes of Scrap Metal 2012 - 2016

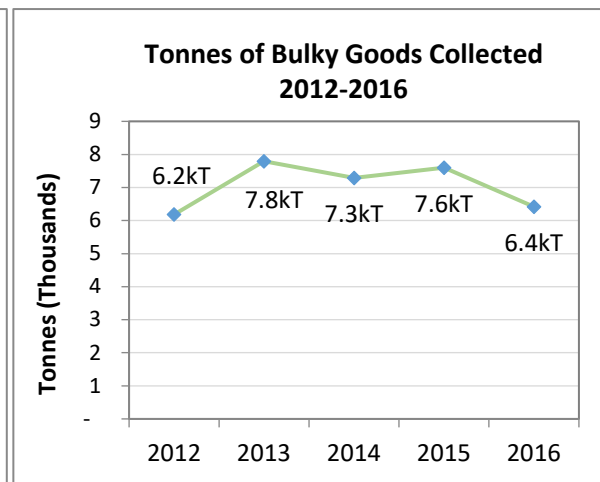


Figure 6: Tonnes of Bulky Goods 2012 - 2016

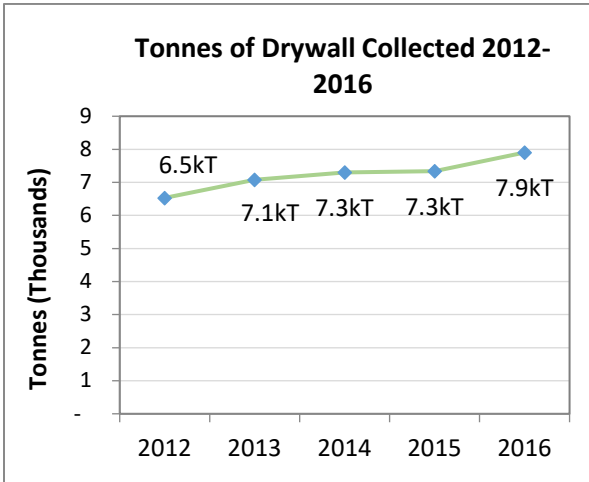


Figure 7: Tonnes of Drywall 2012 – 2016



Figure 8: Tonnes of Textiles 2012 - 2016

For further information, please contact datacall@rpra.ca.