

# 2021 Recycling Data

Council on Recycling

December 1, 2022

# Recycling Data:

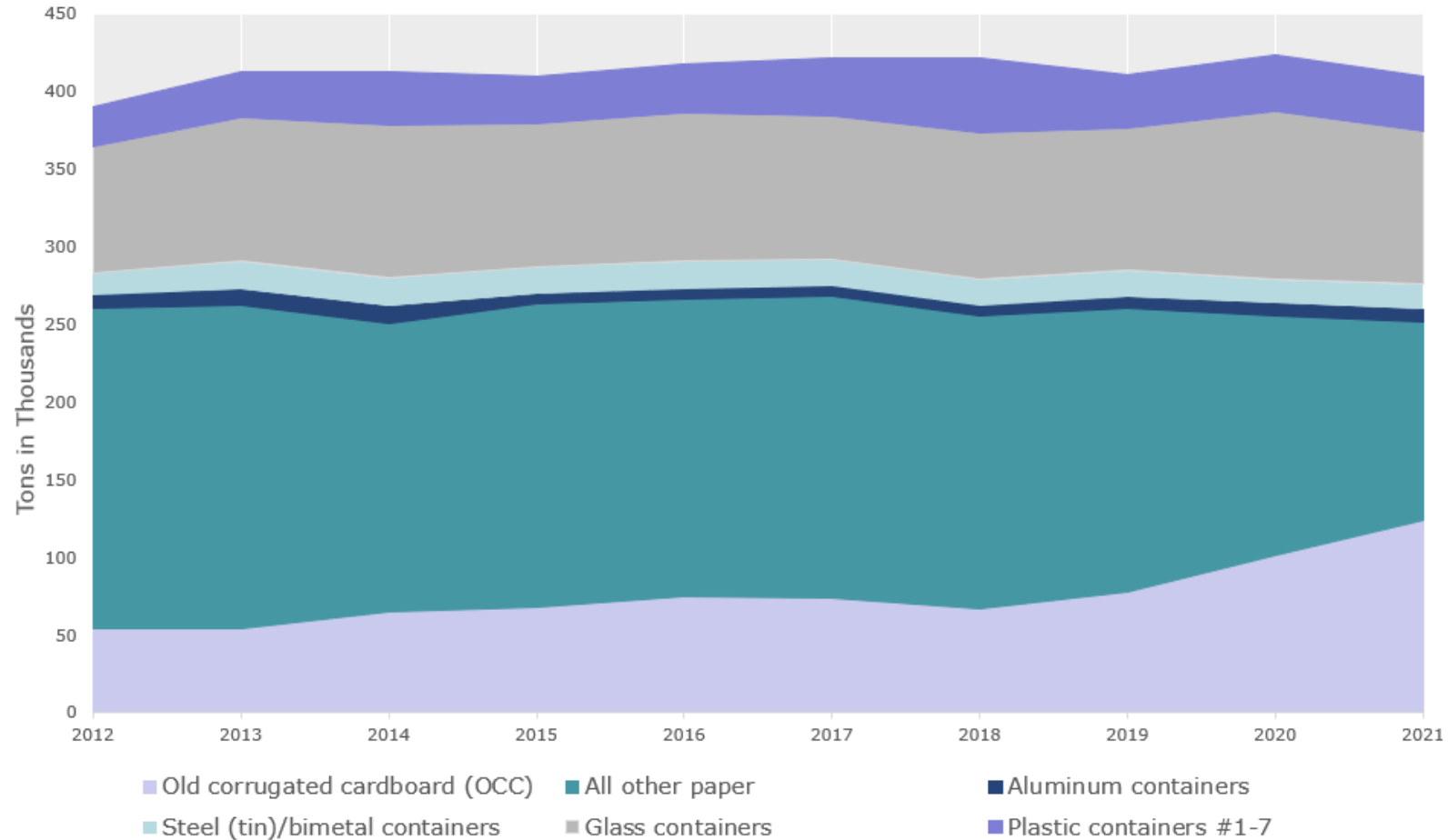
Recyclable Materials Collected by Wisconsin Responsible Units (in tons)

<b>Mandatory Reporting - Banned<sup>1</sup></b>	<b>2021</b>	<b>% Change from 2020</b>
Old corrugated cardboard (OCC)	124,397	↑ 22.2%
All other paper	127,485	↓ -17.3%
Aluminum containers	8,082	↑ 3.8%
Steel (tin)/bimetal containers	16,164	↓ 3.8%
Glass containers	98,431	↓ -8.6%
Plastic containers #1-7	35,452	↓ -2.6%
<b>Total Mandatory Reporting</b>	<b>410,011</b>	<b>↓ -3.2%</b>
WI Population	5,942,193	↑ 1.1%
<b>Per capita mandatory reporting (lbs)</b>	<b>138</b>	<b>↓ -4.2%</b>

**Note:** Wisconsin law bans these materials from landfills, however, these totals may contain incidental amounts of non-banned materials such as residential mixed paper, plastic #3-7 containers, and foam polystyrene.

# Responsible Unit Data Trends: Mandatory Reporting- Banned Materials

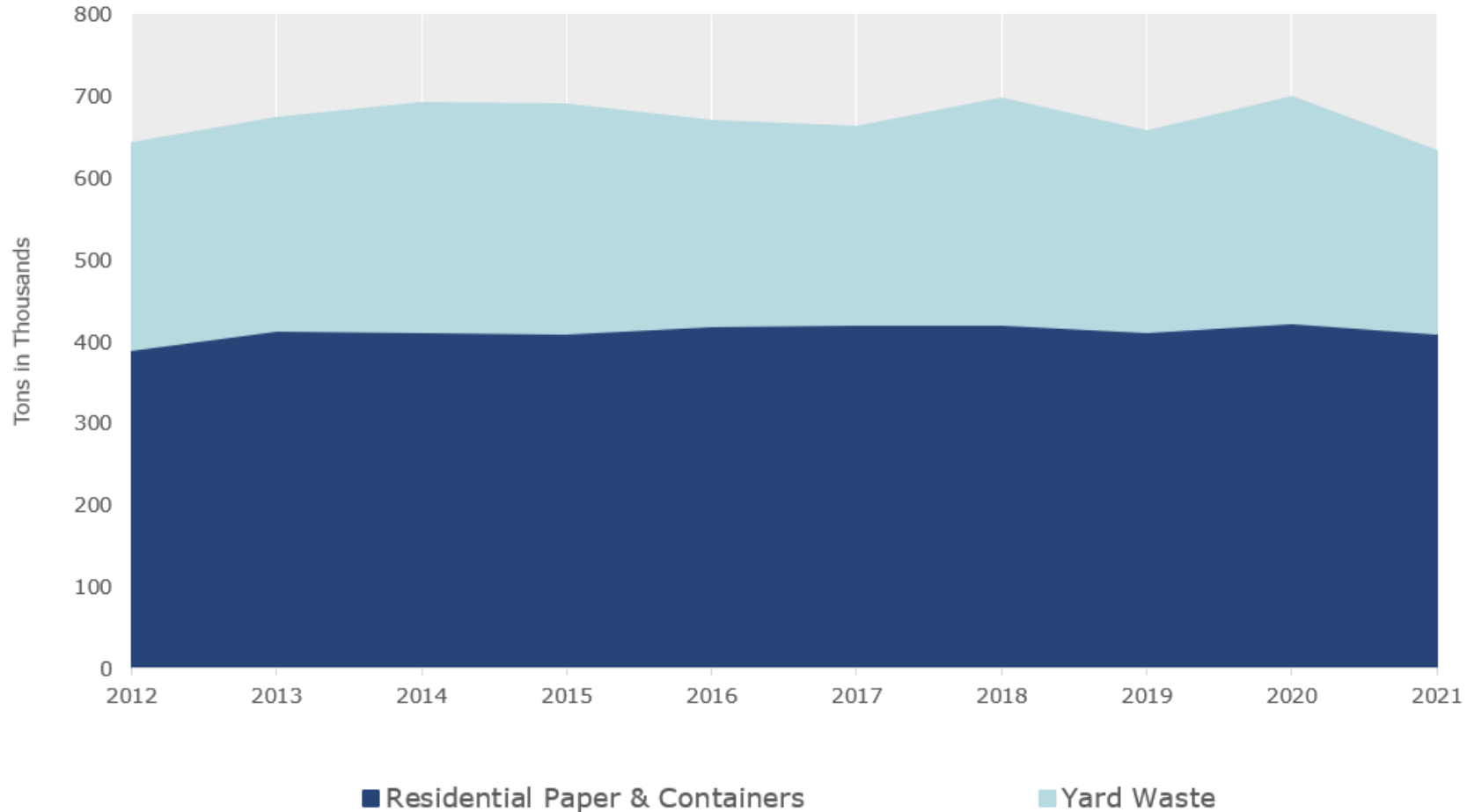
## Trends In Recycling: All Banned Materials Collected By Responsible Units



**Note:** Wisconsin law bans these materials from landfills, however, these totals may contain incidental amounts of non-banned materials such as residential mixed paper, plastic #3-7 containers, and foam polystyrene.








# Responsible Unit Data Trends: Yard Waste

## Trends In Recycling: Other Materials Collected By Responsible Units



**Note:** Wisconsin law bans these materials from landfills, however, these totals may contain incidental amounts of non-banned materials such as residential mixed paper, plastic #3-7 containers, and foam polystyrene.

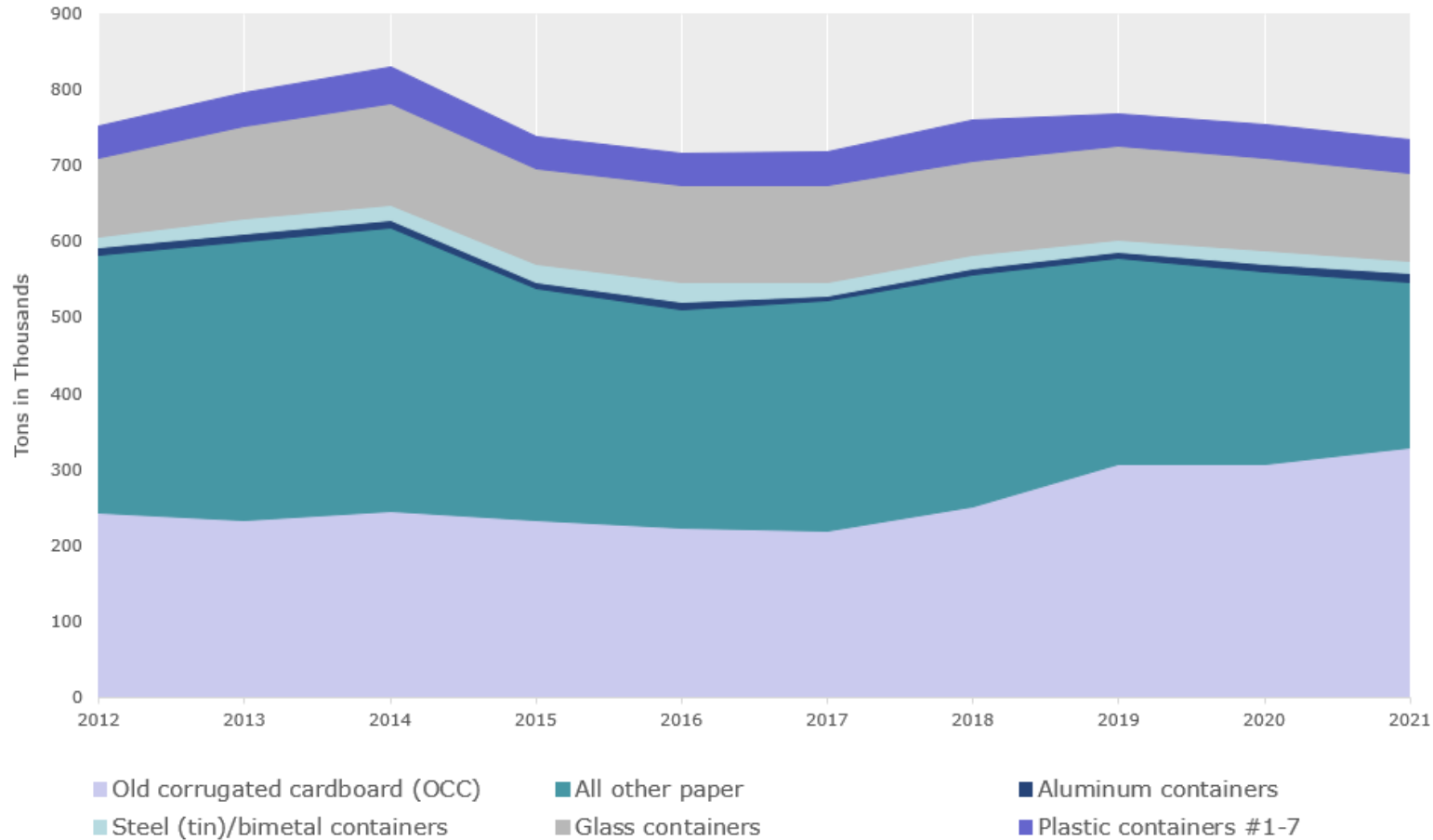
# Recyclable Materials Collected by Wisconsin Self-Certified MRFs (in tons)

<b>Mandatory Reporting - Banned</b>	<b>2021</b>	<b>% Change from 2020</b>
Old corrugated cardboard (OCC)	329,095	 6.9%
All other paper	217,343	 -13.9%
Aluminum containers	11,545	 6.4%
Steel (tin)/bimetal containers	16,952	 -2.4%
Glass containers	116,103	 -4.4%
Plastic containers #1-7	43,256	 -2.2%
<b>Total Mandatory Reporting</b>	<b>734,293</b>	 <b>-2.6%</b>

**Note:** Wisconsin law bans these materials from landfills, however, these totals may contain incidental amounts of non-banned materials such as residential mixed paper, plastic #3-7 containers, and foam polystyrene.

# Self-Certified MRF Data Trends: Mandatory Reporting- Banned Materials

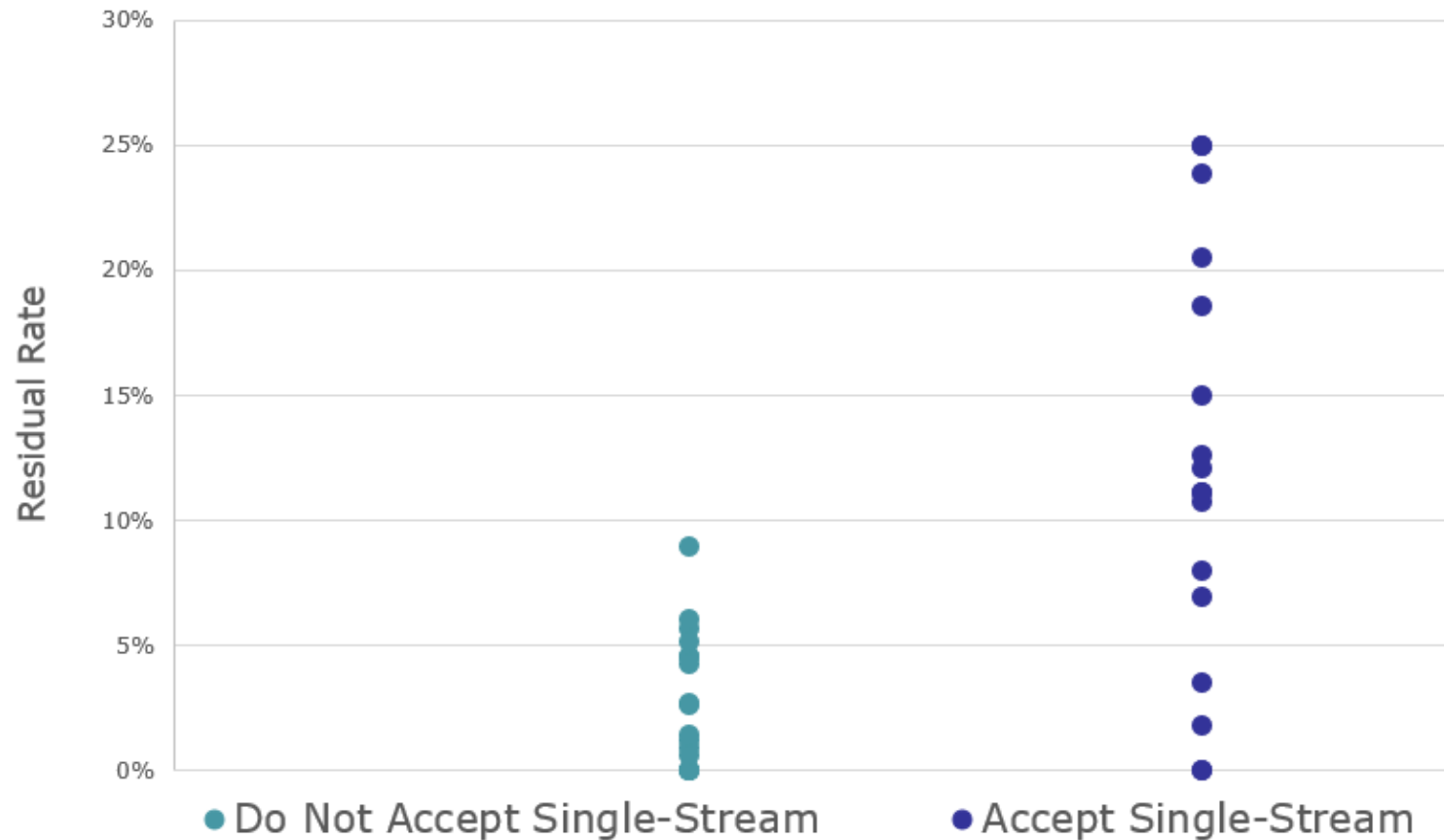
## Trends In Recycling: All Banned Materials Sent to End Markets from Self-Certified MRFs



**Note:** Wisconsin law bans these materials from landfills, however, these totals may contain incidental amounts of non-banned materials such as residential mixed paper, plastic #3-7 containers, and foam polystyrene.

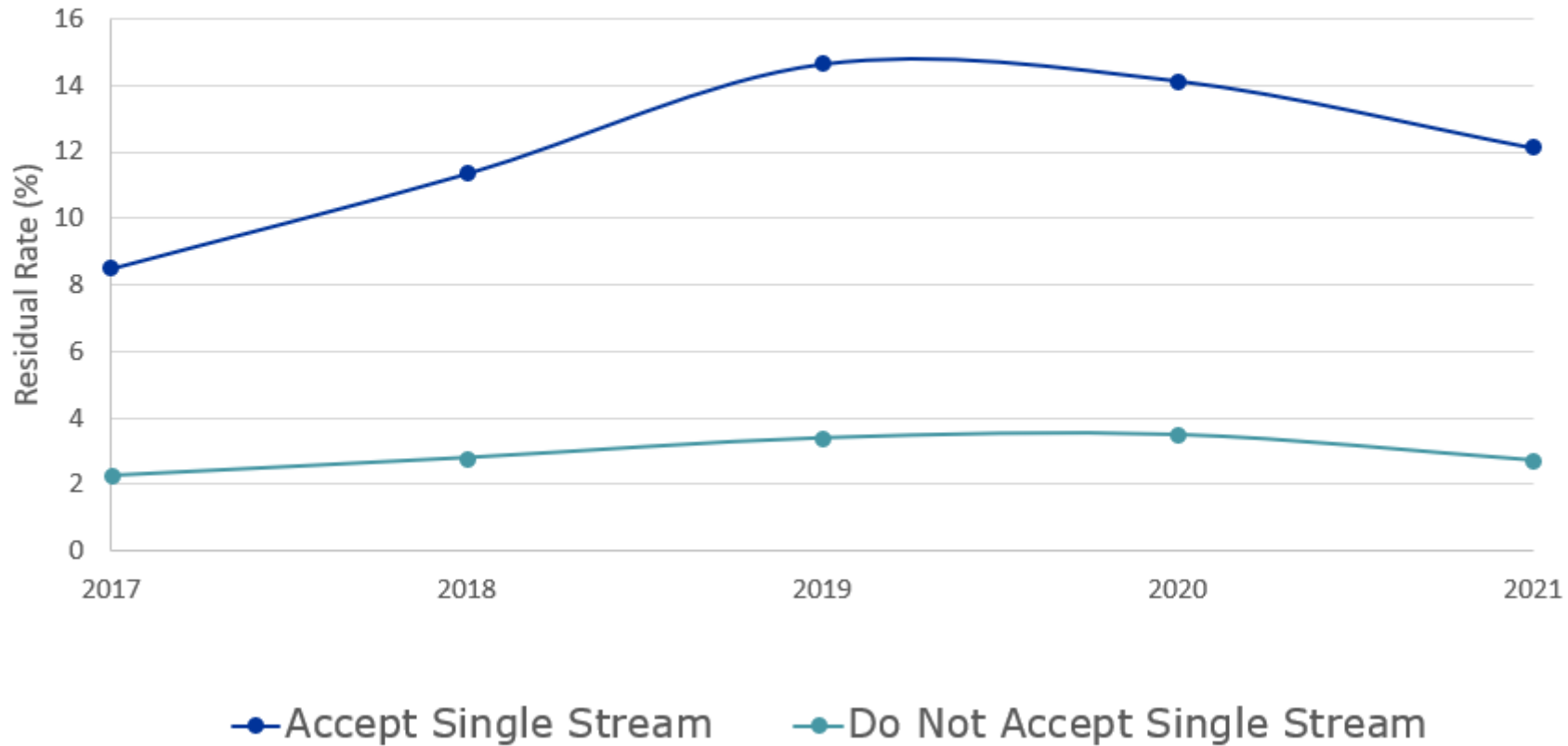
# WI Self-Certified MRF Residual Rate Comparison

## Residual Rates Based on % Received for All Self-Certified MRFs Located in WI in 2021



# Self-Certified MRF Residual Trends

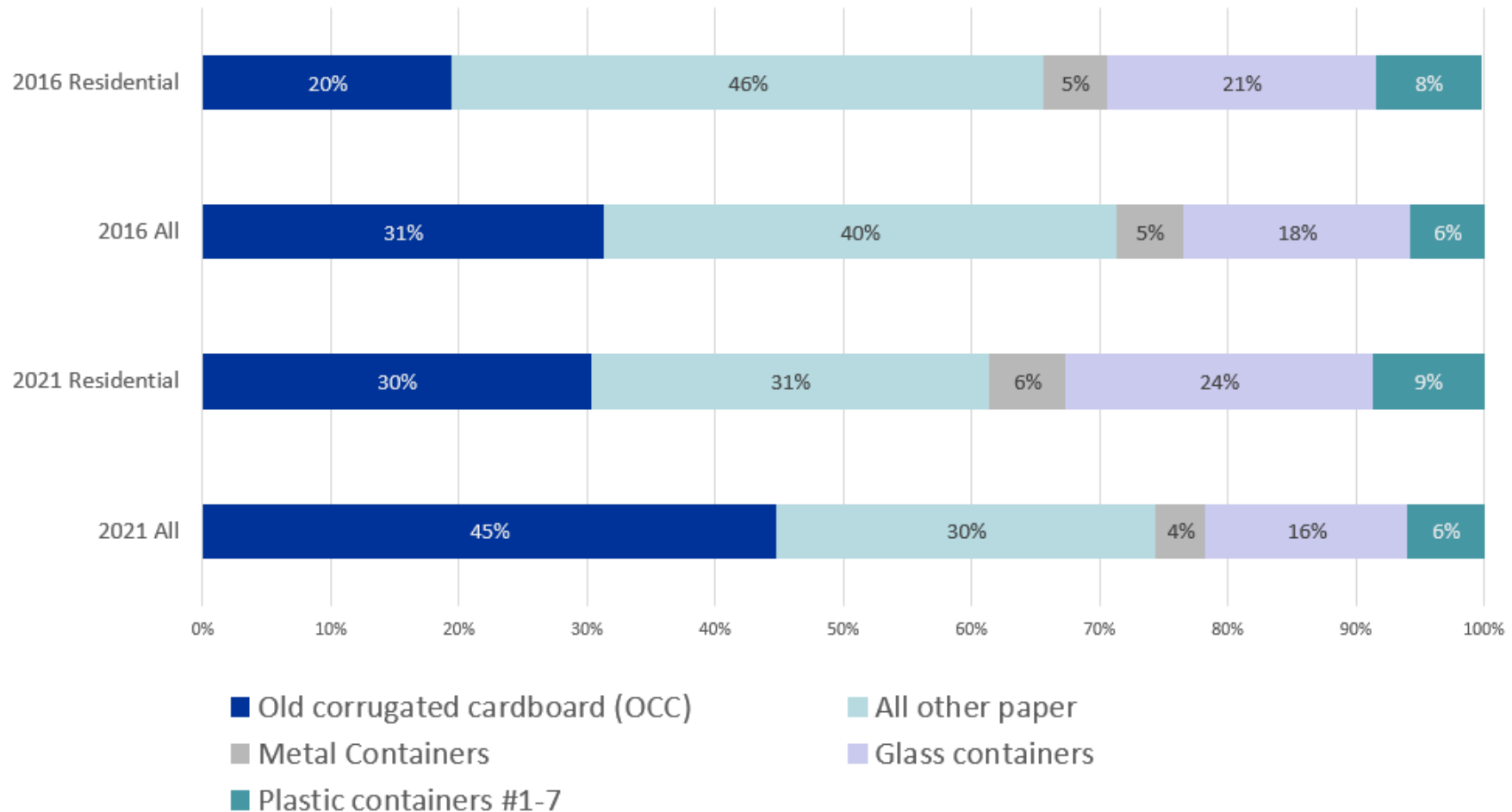
**Residual Rate Trends Based on % Received for All Self-Certified MRFs Located in WI in 2021**





# Self-Certified MRF Data: Materials Breakdown

## Breakdown of Materials Sent to End Markets by WI Self-Certified MRFs- 2016 vs 2021



# MRFs by the Numbers

## 42 self-certified MRFs

- 40 processed WI materials in 2021,
- 35 MRFs located in WI
- 7 in MN/IL/IA

## Used 68% of processing capacity (40 MRFs)

## 84% of inbound materials sent to end markets

## Average residual rates

- 12.12%- accept single stream
- 2.72%- do not accept single stream

# Questions?

Jennifer Semrau

Waste Reduction & Diversion Coordinator

[Jennifer.Semrau@wisconsin.gov](mailto:Jennifer.Semrau@wisconsin.gov)

608-381-0960