

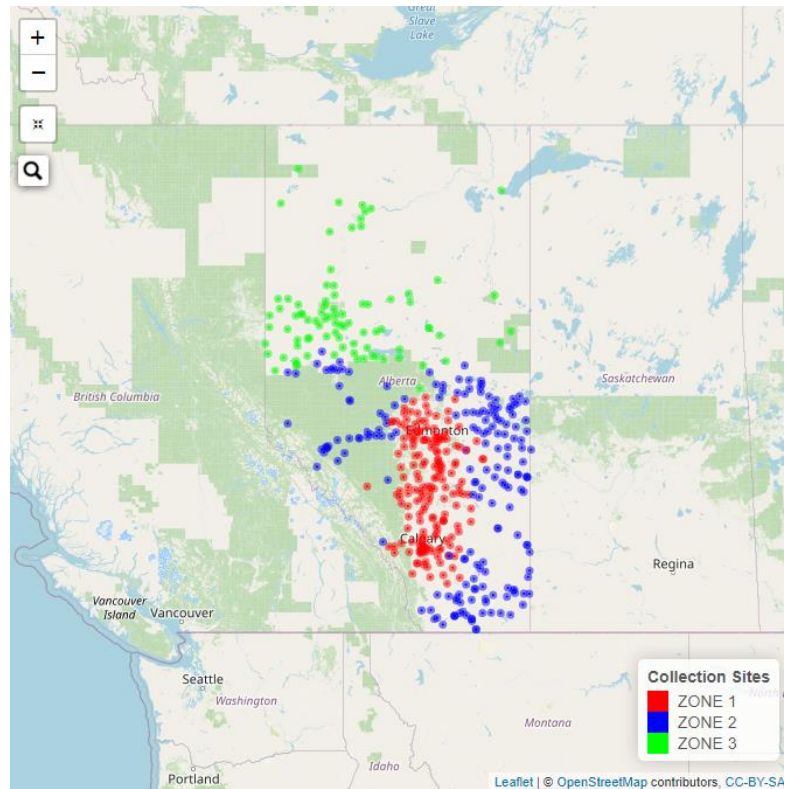
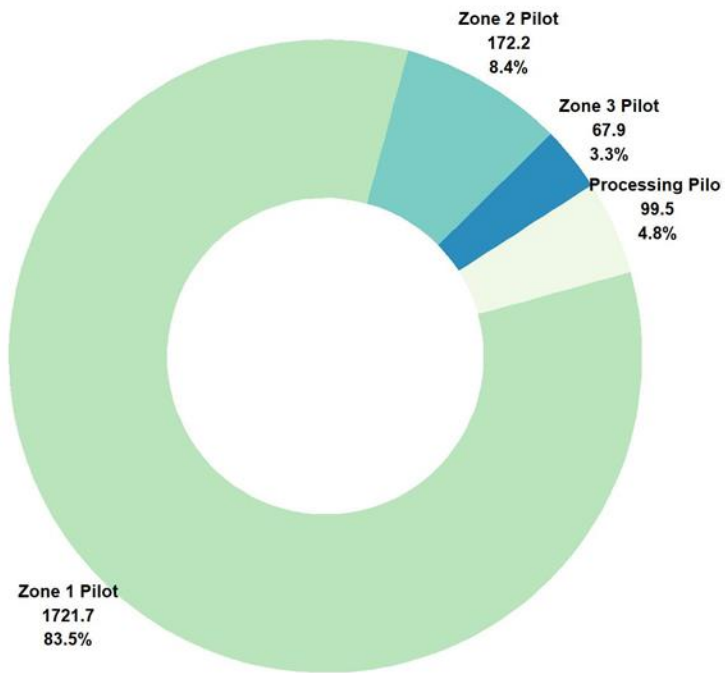
# ePilot Data Collection

## Summary of Results

Recycling Council of Alberta  
May 19, 2021

# Zone Information

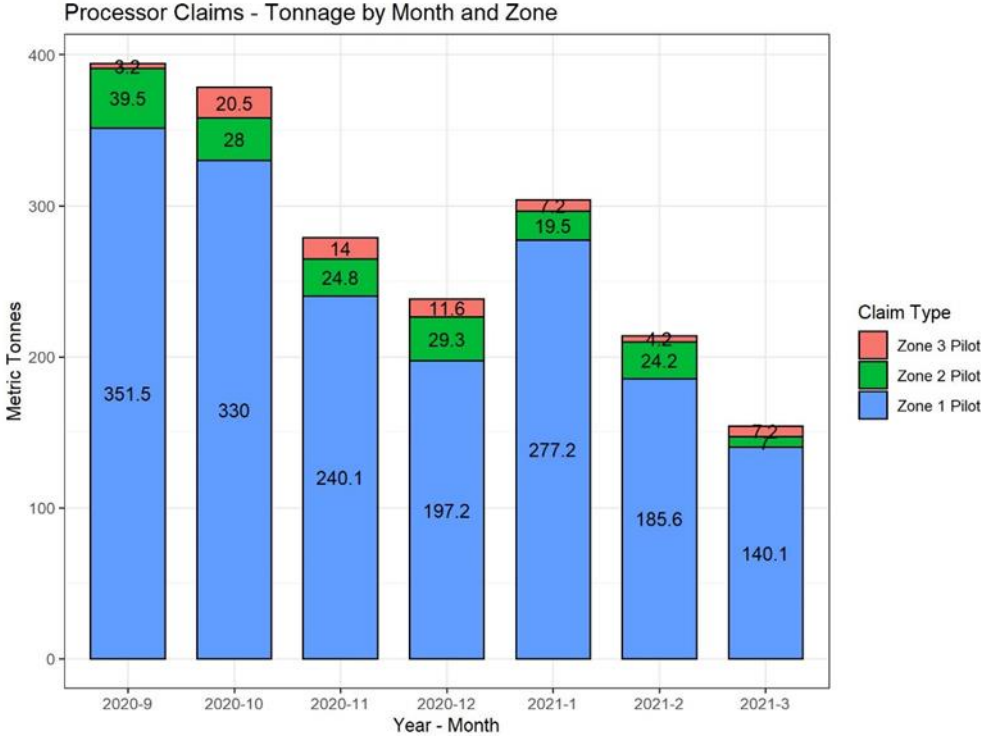
Claims Tonnage (Sep 2020 through Apr 2021) by Zone



# Collection Sites By Zone

ARMA Zone	No. Collection Sites	Percent of all Alberta Collection Sites	Number Collection Sites Represented in ePilot Monitoring Data
ZONE 1	179	40	31
ZONE 2	183	41	9
ZONE 3	85	19	4
Total (all Zones)	447	100	44

# Processor Claims By Month



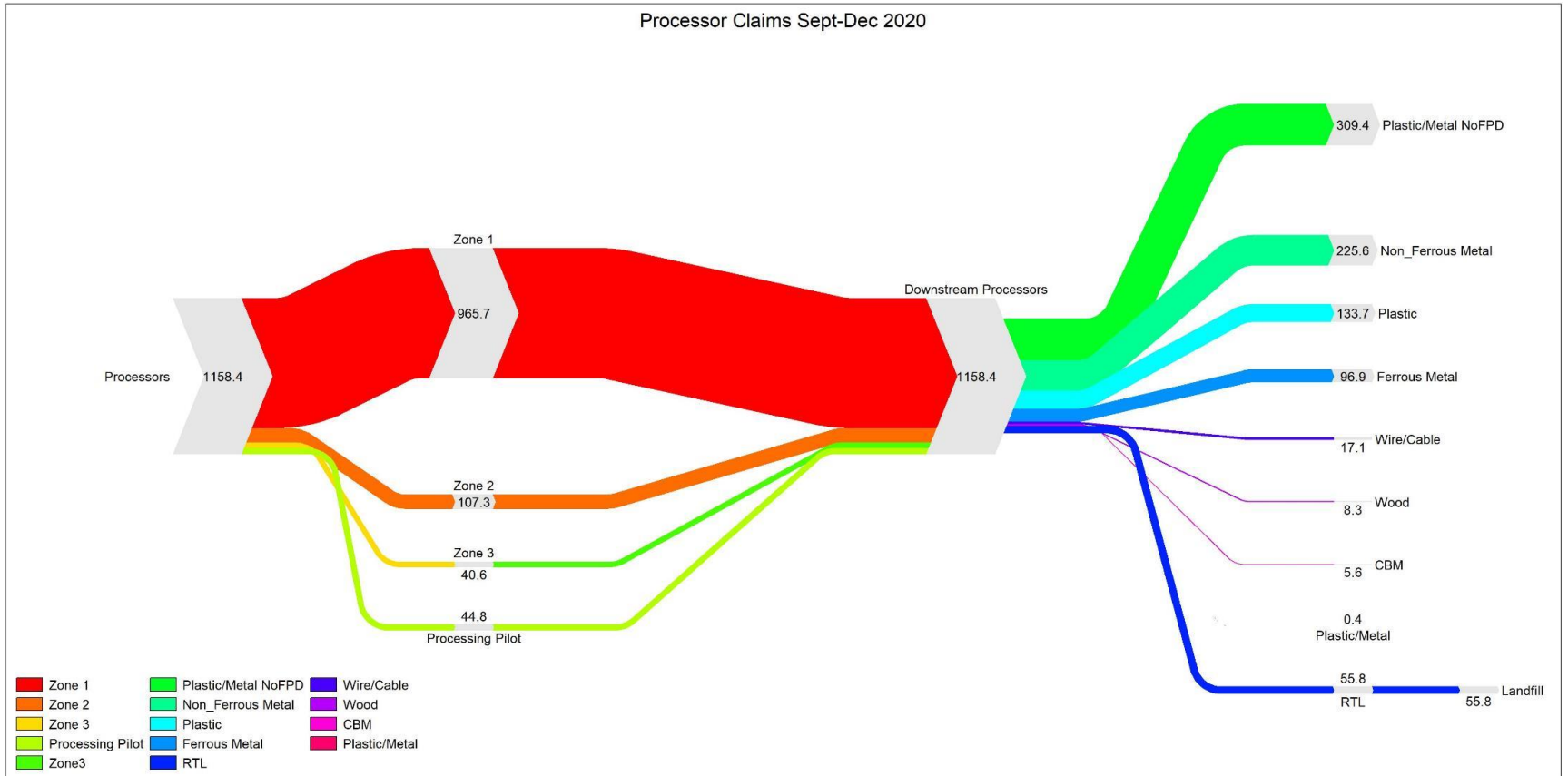
# Per Capita ePilot Recycling by Zone

Recycling Zone	Tonnes Electronics <sup>1</sup>	Kilograms	Estimated Population <sup>2,3</sup>	Kg Per Capita <sup>4</sup>
Zone 1	1273.7	1,273,715	3,060,786	0.416
Zone 2	141.6	141,574	321,124	0.441
Zone 3	67.9	67,917	163,306	0.416
Total	1483.2	1,483,206	3,545,216	0.418

1. Based on Processor Claims (Sep 2020 – April 2021)
2. Using 2019 Municipal Affairs Population List source source:  
[https://open.alberta.ca/dataset/daab9fce-c2f6-49d1-a433-375b2b7aee24/resource/61cd908d-e2b9-4837-939b-533848d723b9/download/2019\\_map1\\_web.pdf](https://open.alberta.ca/dataset/daab9fce-c2f6-49d1-a433-375b2b7aee24/resource/61cd908d-e2b9-4837-939b-533848d723b9/download/2019_map1_web.pdf) Population for each city, municipality, county for processor claims was summed by zone to calculate per capita recycling rate.
3. Alberta Unofficial Population estimate: 4,271,759.
4. This is likely an overestimate of per capita because outlying areas would also drop off recycling material to urban centers.

# Material Flow from Processor Claims

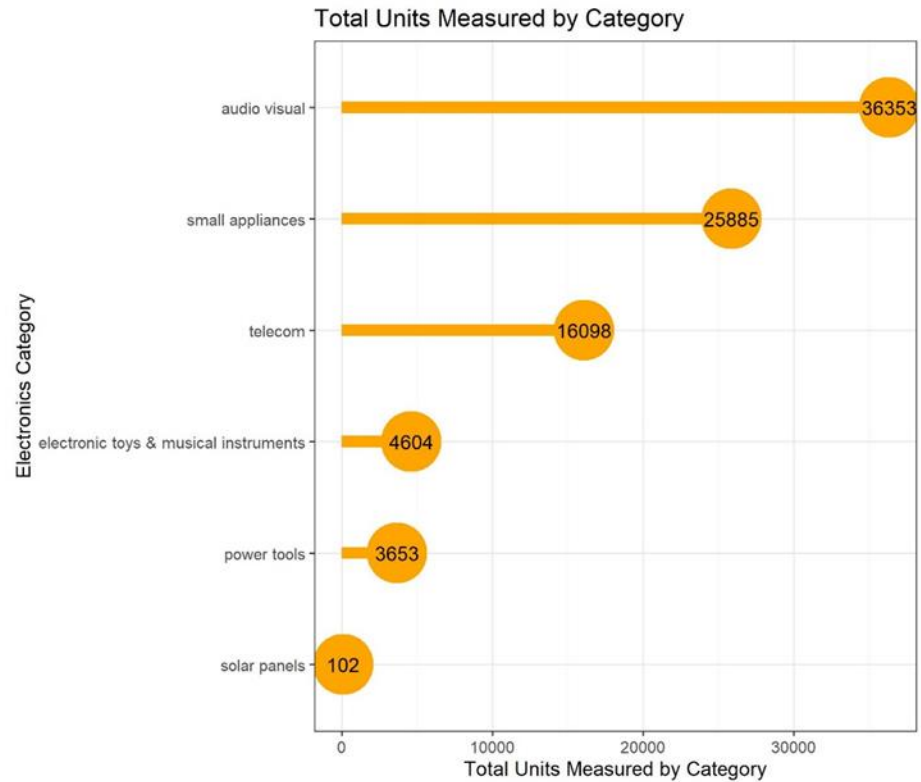
Processor Claims Sept-Dec 2020



# ePilot Monitoring Program

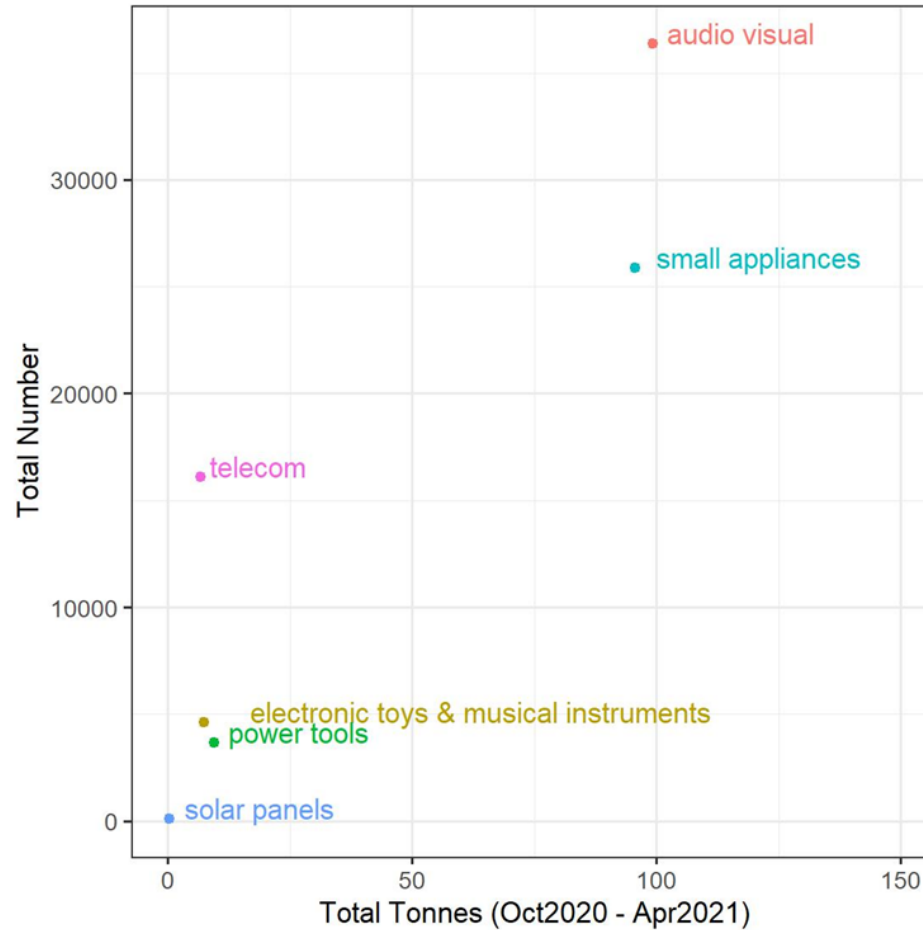


# Total Units by Category



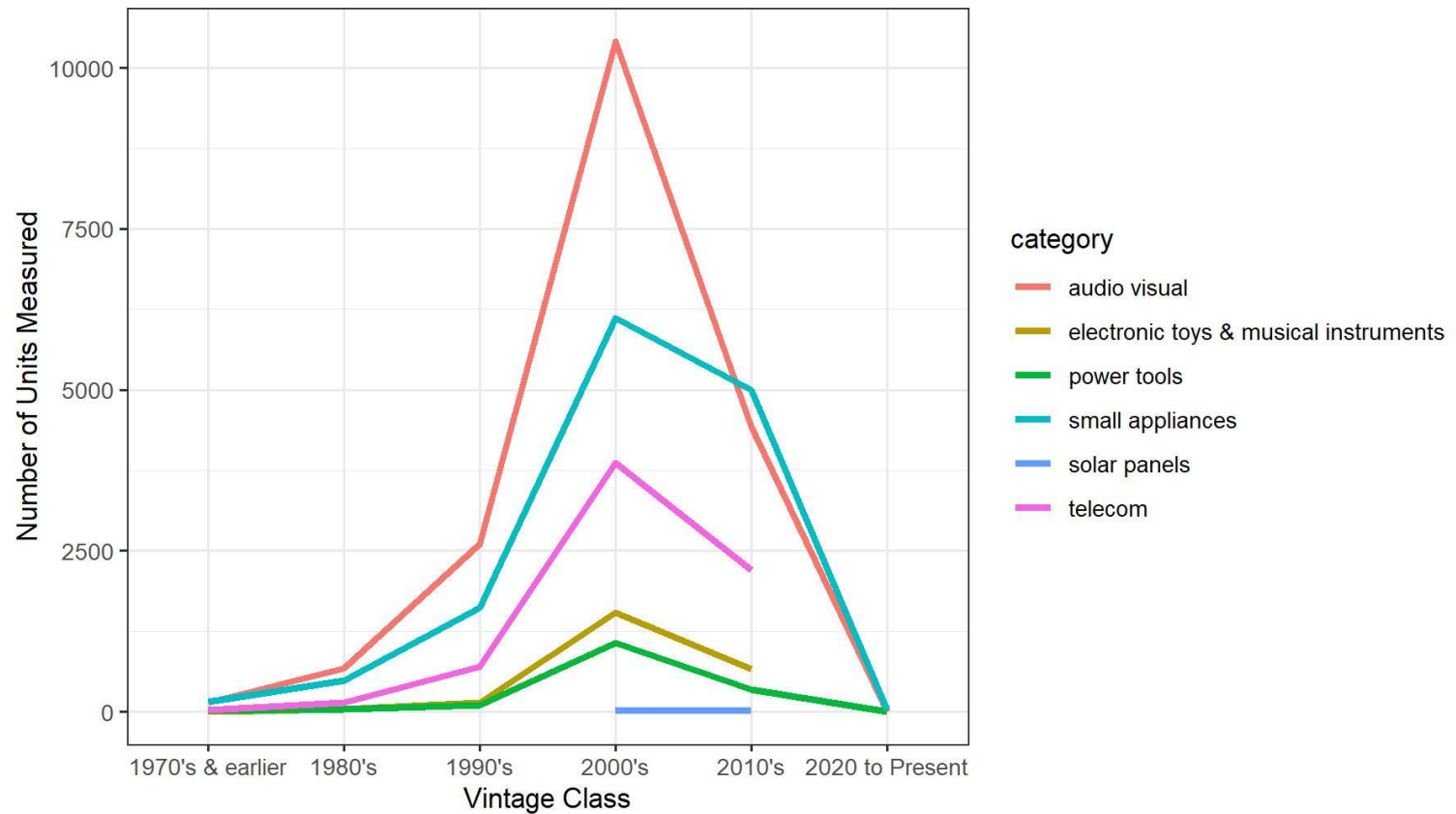


# Data by Category



# Age of ePilot Materials

Vintage Class by Number of Units



# Challenges

- Vacuums



- Hot oil fryers

Questions?