



Parkville Waste Audit

October 2023



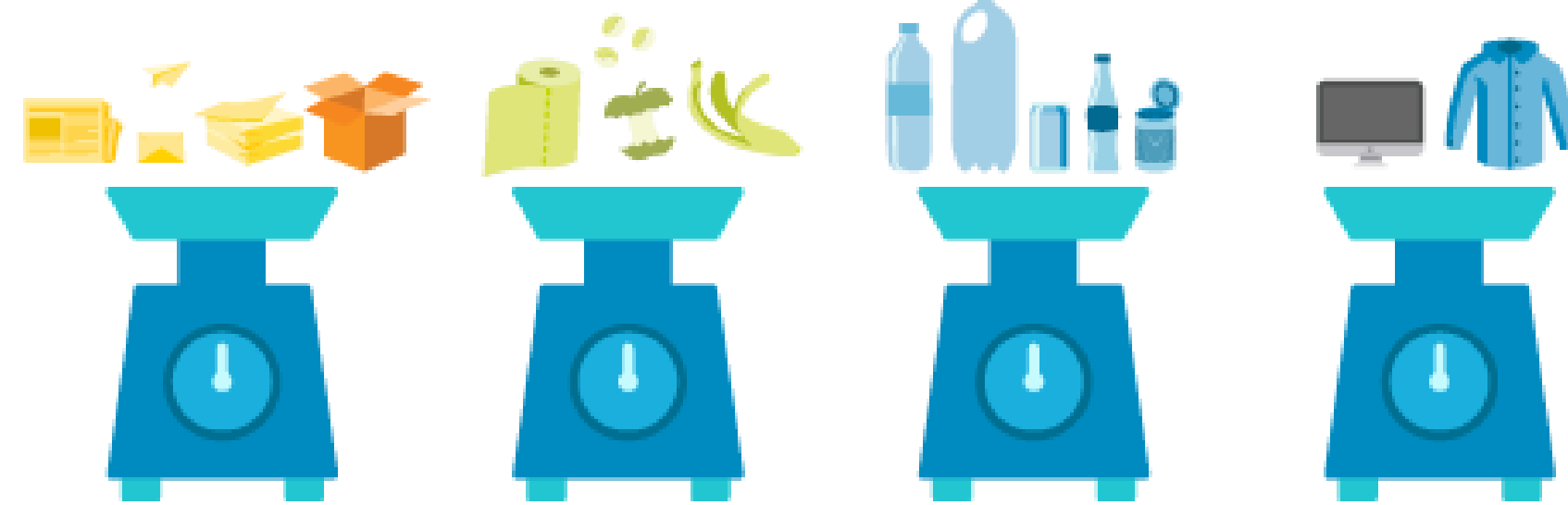


INTRODUCTION





Previous Waste Audits



Why complete a waste audit?

- Helps in understanding the composition of the waste stream;
- Identifies materials that can be reduced, reused, or recycled;
- Identifies contamination;
- Data used to implement specialist waste stream collection;
- Supports the development of tailored communications and education programs;

2017

- 15th-17th March, 2017.
- 11 Barry St, Law building, MSD, 631 Swanston St and Union House were audited.
- 135kg of landfill and 58.1kg recycling waste streams were audited.
- Top waste streams: Food organics 41%, recyclables 18%.

2019

- 24th of October, 2019.
- 871 kg of landfill waste was audited.
- Waste was collected from across the Parkville campus.
- Top waste streams: Food organics 17%, paper towel 11%.



Method

The audit was conducted over a **9-hour period** (from 7am - 4pm) on **Wednesday 18 October 2023**.

Audit was completed by:

- Examining bin contents through segregation,
- Classifying by material type and weight,
- Using scales to weight the waste.

Project component	Cost (incl. GST)
Audit and waste disposal	\$2,750
Audit labour	\$8,250
Egans labour	\$1,596
Waste Audit Report	\$1,375
TOTAL	\$13,971



LANDFILL

PRE-CONSUMER
FOOD ORGANICS



POST CONSUMER FOOD
ORGANICS



COFFEE GROUNDS



FOOD PACKAGING



FOOD PACKAGING



PAPER TOWELS



CARDBOARD



CDS MATERIAL



SOFT PLASTICS



RECYCLING

LANDFILL



LANDFILL



LANDFILL



CDS MATERIAL



TETRAPACKS



CARDBOARD





Sustainability, Campus Management



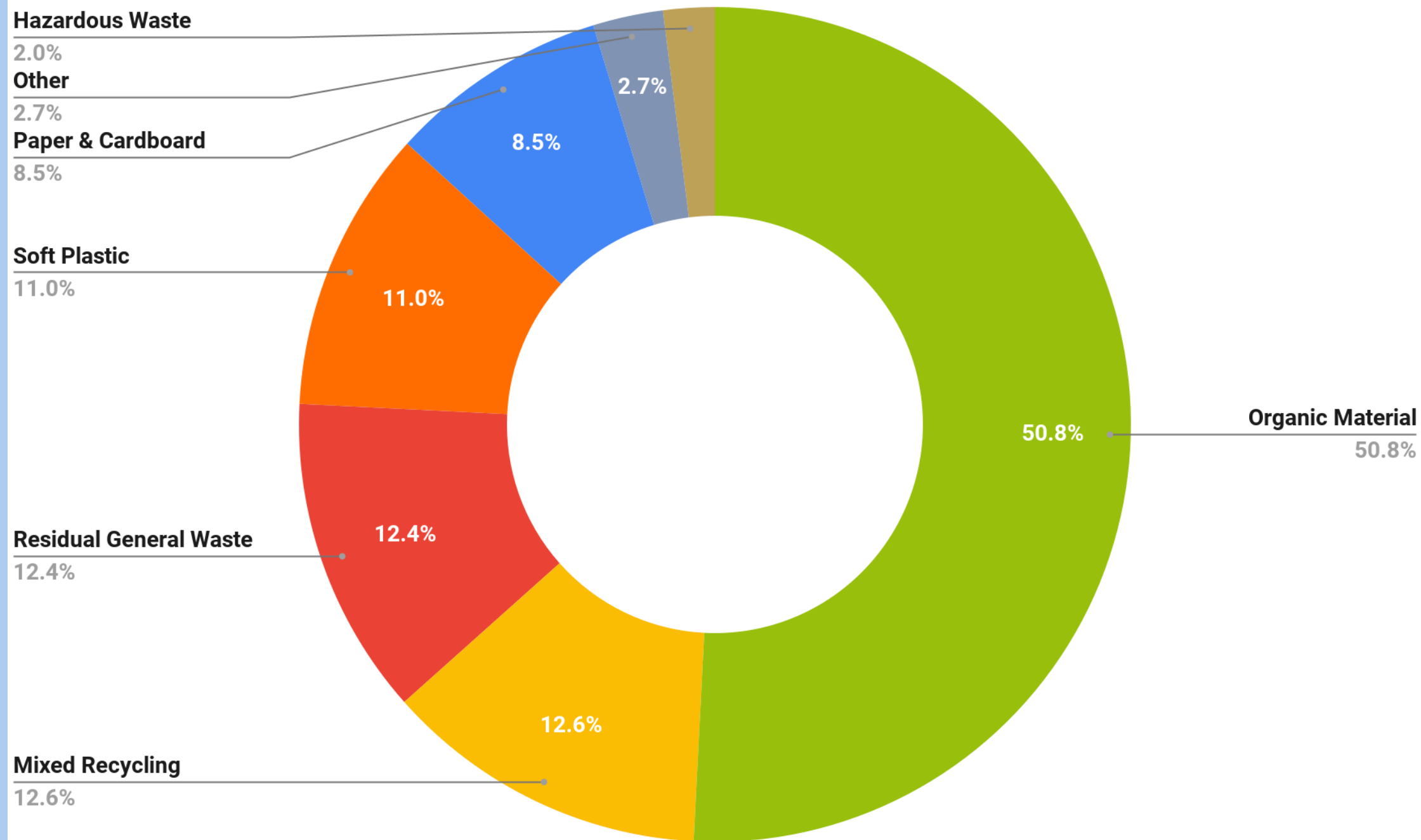
RESULTS





Results – Landfill

Category breakdown of results by weight (kg).

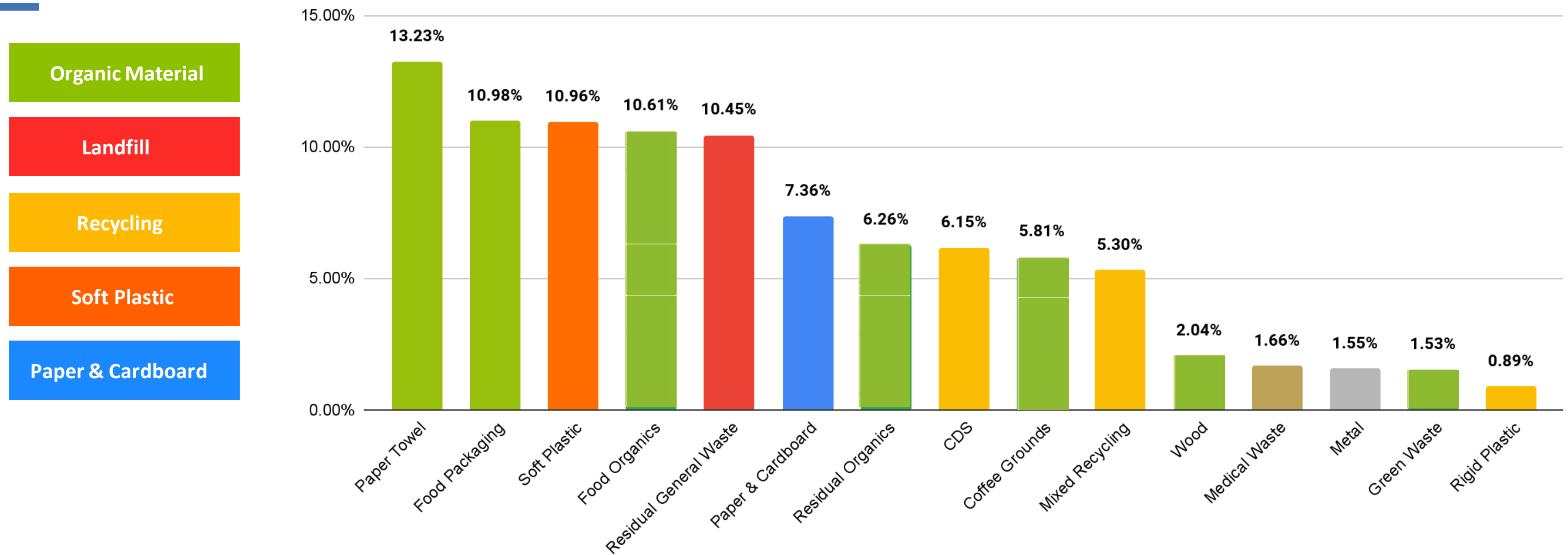


CATEGORY (TOP 5)	CATEGORY TOTAL	
	Weight (kg)	Weight (%)
Organic Material	711.4	50.8%
Mixed Recyclables	176.5	12.6%
Residual General Waste	173.1	12.4%
Soft Plastic	153.4	11.0%
Paper & Cardboard	119.4	8.5%
	1,333.8	95.3%



Results – Landfill

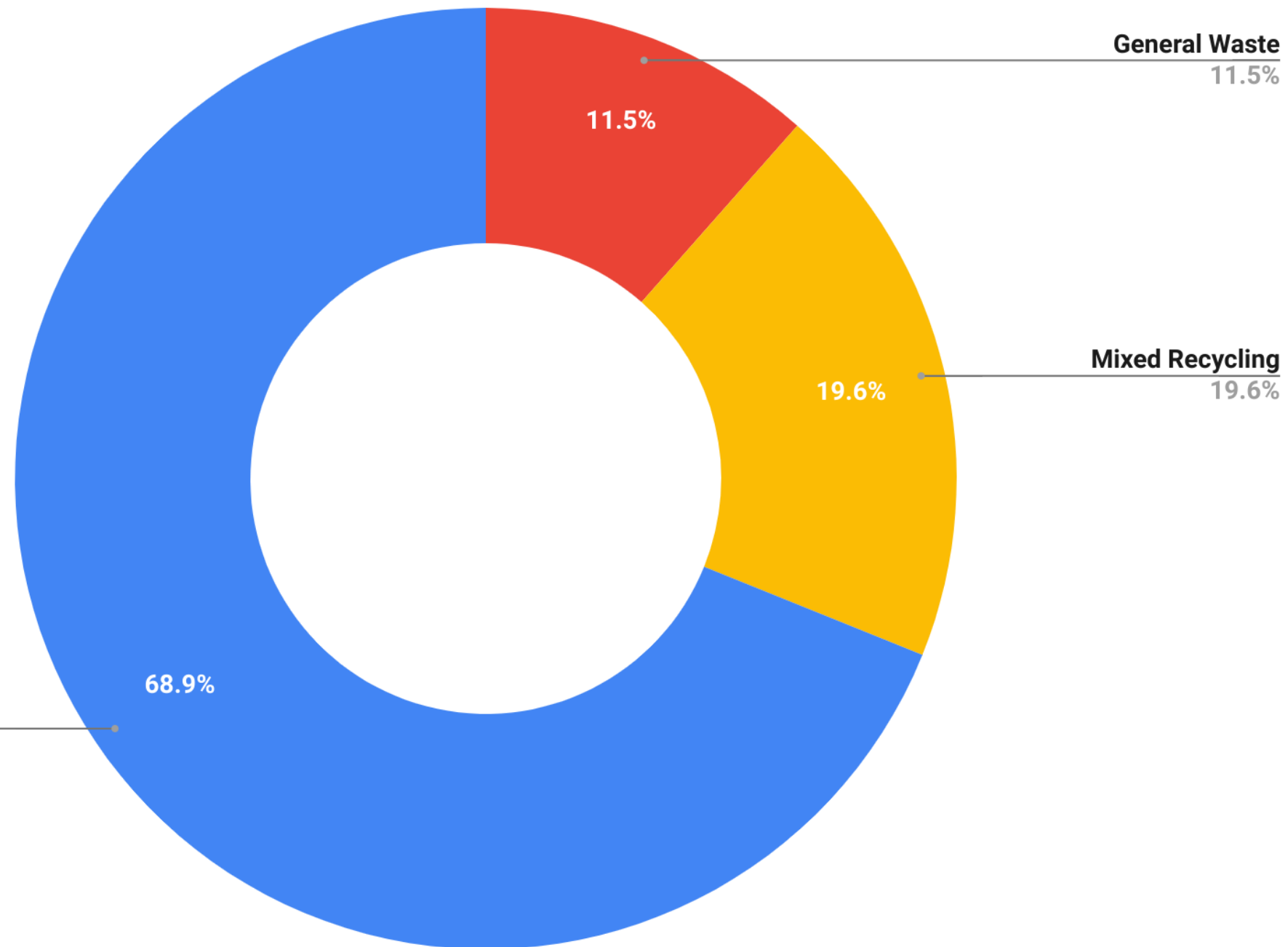
Material breakdown of results by weight (kg).





Results – Recycling

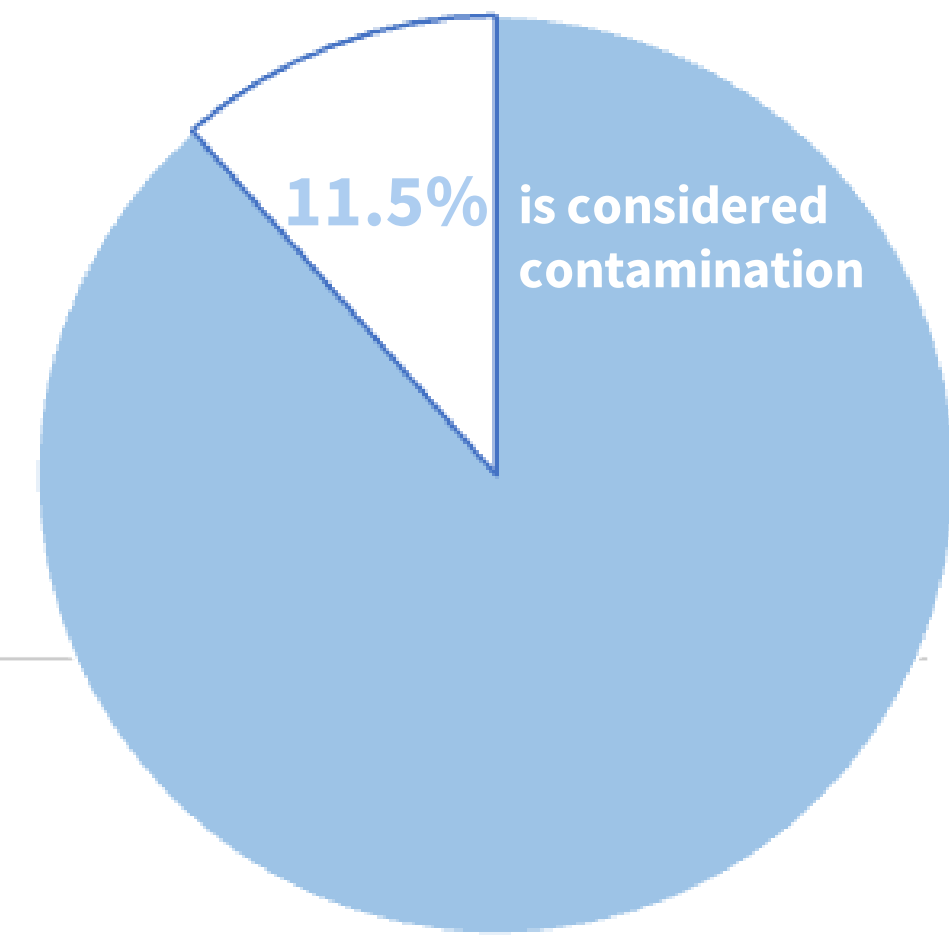
Category breakdown of results by weight (kg).



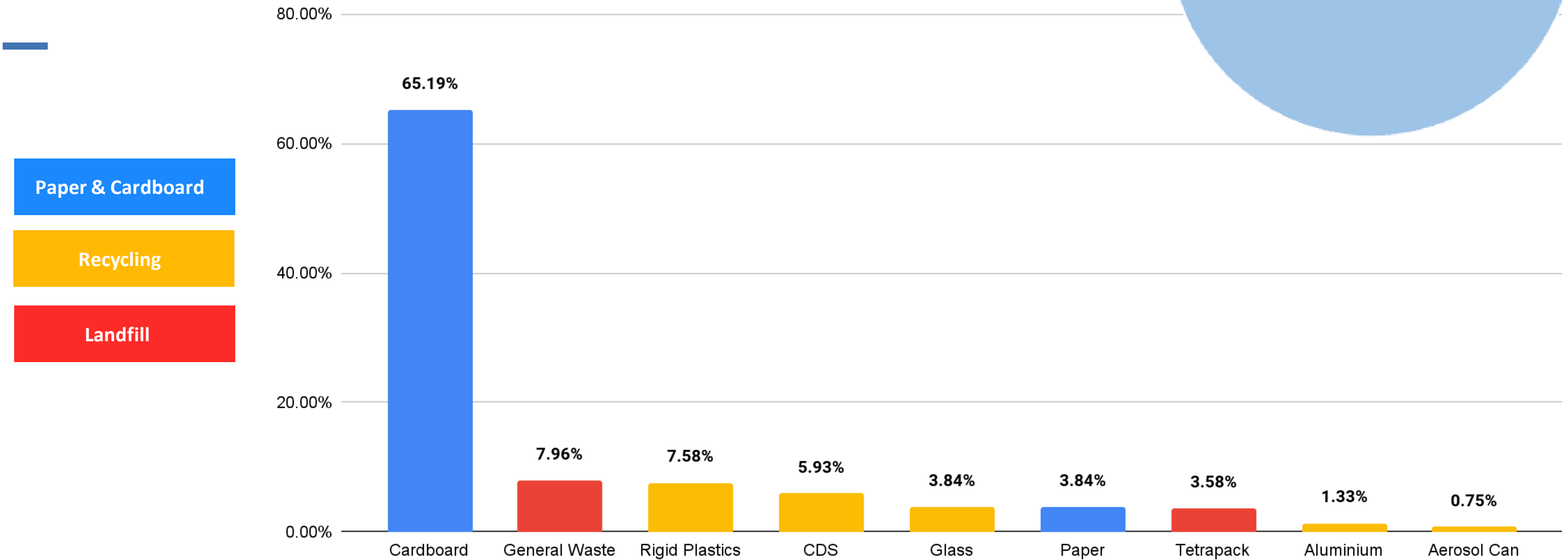
CATEGORY	CATEGORY TOTAL	
	Weight (kg)	Weight (%)
Paper & Cardboard	129.3	68.9%
Mixed Recyclables	36.8	19.6%
General Waste	21.6	11.5%
	187.7	100.0%



Results – Recycling

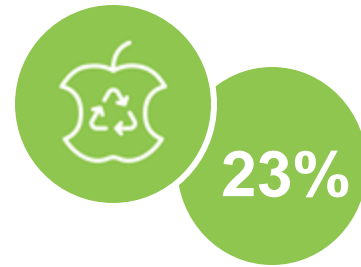


Material breakdown of results by weight (kg).

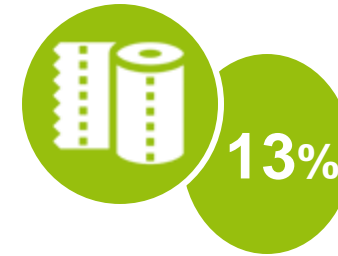


Results – Key Findings

RECYCLING LANDFILL



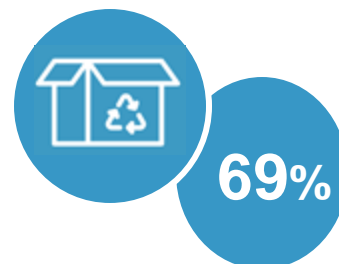
Food Organics was the most common recyclable material identified by weight at **23%** (317.5 kg).



Paper Towels contributed to **13.2%** (185.2 kg) of landfill.



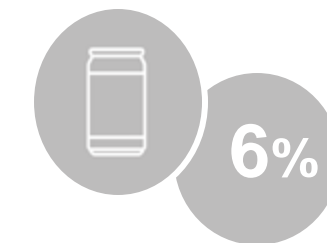
Post-consumer **Soft Plastics** were a significant stream by weight at **11%** (153.4 kg).



Recyclable **Paper & Cardboard** products were the most common **recyclable** material by weight at **68.9%** (129.3kg).



General Waste or contamination contributed to **11.5%** (21.6 kg) of the recycling stream.



Materials that are eligible for the **CDS** contributed to **5.9%** (11.1 kg) of the recycling stream. Or around **340** containers worth **\$34.00**.



THANK YOU

