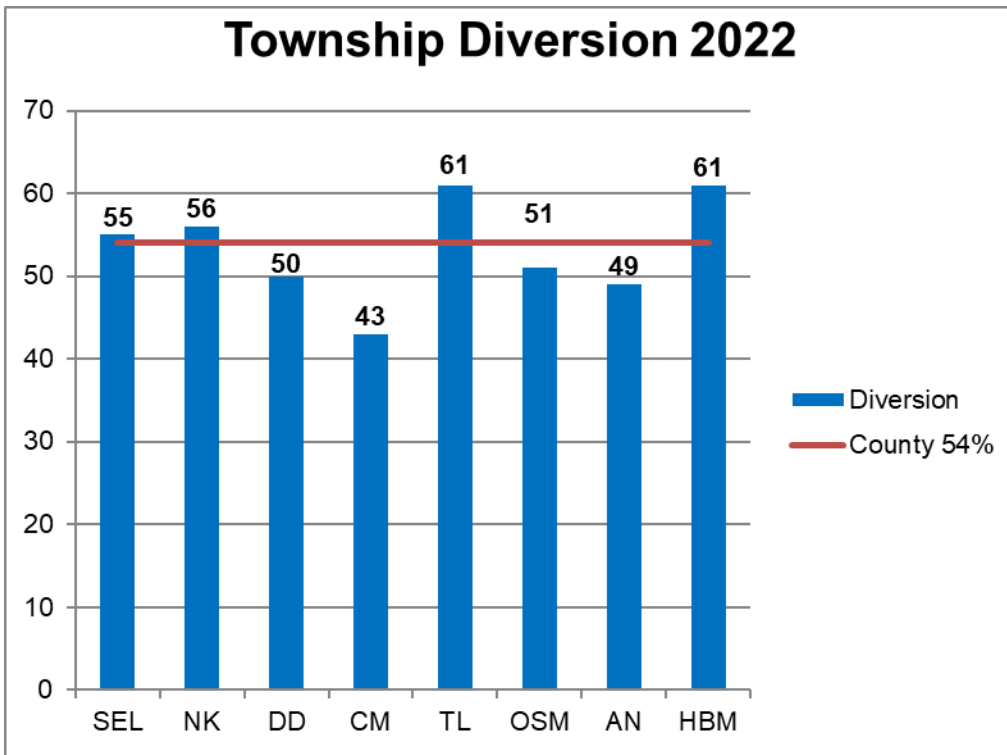


Douro Dummer 2022 Waste Management Report

The Resource Productivity and Recovery Authority (formerly WDO) Datacall is a waste management report done every year by County of Peterborough Waste Management to obtain funding for the Blue Box Program. Due to the upcoming transition of the Blue Box Program to Producer Responsibility on January 1, 2024, the County was not required to complete a Datacall for 2022. The data collected in 2023 will be the last year that diversion rates will be available.

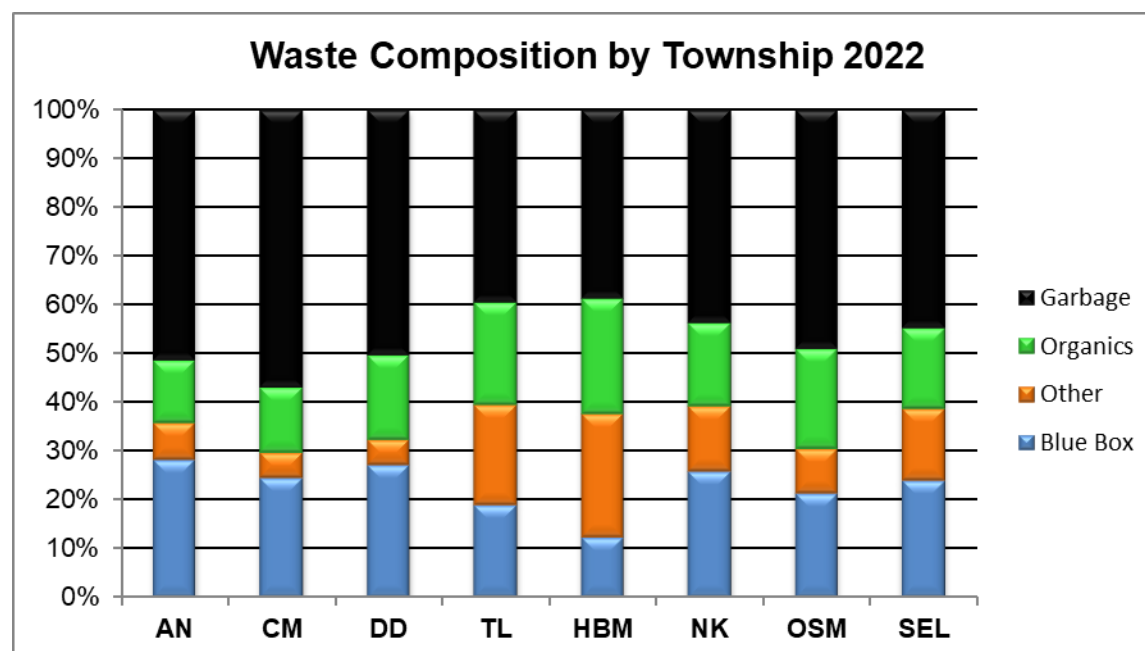
Figure 1 below shows the County diversion rate at 54% with township diversion rates ranging from 43% to 61% in 2022.

Figure 1: County and Township Diversion Rates 2022



Waste in the County is composed of garbage and various recyclable or divertible commodities such as blue box materials, scrap metal, construction materials, hazardous waste and organic waste. Figure 2 below shows the composition of waste by township. The 'other' category includes scrap metal, construction waste, hazardous waste and electronics, textiles and reuse.

Figure 2: Composition of Waste by Township in 2022



*Organics includes backyard composting, leaf and yard and organics;
Other includes: C&D, scrap metal, reuse, MHSW/WEEE, tires, mattresses, hard plastics

Figure 3 below compares Douro Dummer and County statistics from 2021 and 2022. The residential households are all households including seasonal households as derived from MPAC and the County planning department.

Figure 3: County and Douro Dummer Comparison

Year	Municipality	Households*	Garbage Per hhld (kg/yr)	Blue Box Recycling Per hhld (kg/yr)	Overall Diversion Rate (%)
2021	Douro Dummer	3,705	297	151	46
	County	36,799	323	153	51
2022	Douro Dummer	3,729	262	140	50
	County	37,247	311	146	54

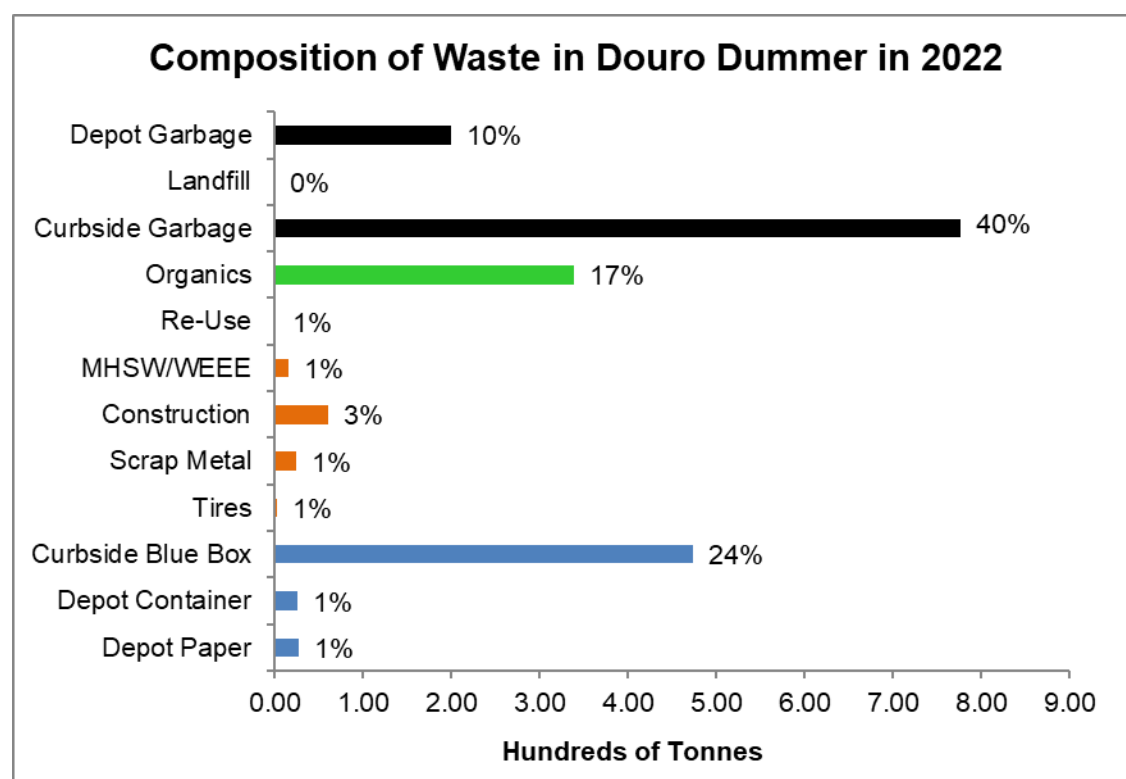
Waste composition will be a bit different every year as resident's disposal habits change or events happen in their lives. The waste composition for Douro Dummer is shown below in Figure 4 and compares data from 2019 to 2022.

Figure 4: Changes in Douro Dummer Waste Composition 2019 to 2022

Material Type	2019 Tonnes	2020 Tonnes	2021 Tonnes	2022 Tonnes
Curbside Blue Box	429.22	495.85	501.82	474.52
Depot Paper	34.48	30.30	29.84	27.79
Depot Container	22.70	25.15	26.83	25.81
Tires	2.78	1.82	3.75	2.58
Scrap Metal	10.42	18.59	20.21	24.60
Construction	58.95	59.37	55.39	61.57
Organics	309.85	300.31	301.69	339.20
Re-Use	6.98	1.55	0.00	2.11
MHSW/WEEE	20.33	14.24	16.06	15.58
Curbside Garbage	675.89	852.93	897.54	776.76
Depot Garbage	204.39	176.96	203.99	200.14
Overall Diversion Rate	50.43%	47.91%	46.45%	49.92%

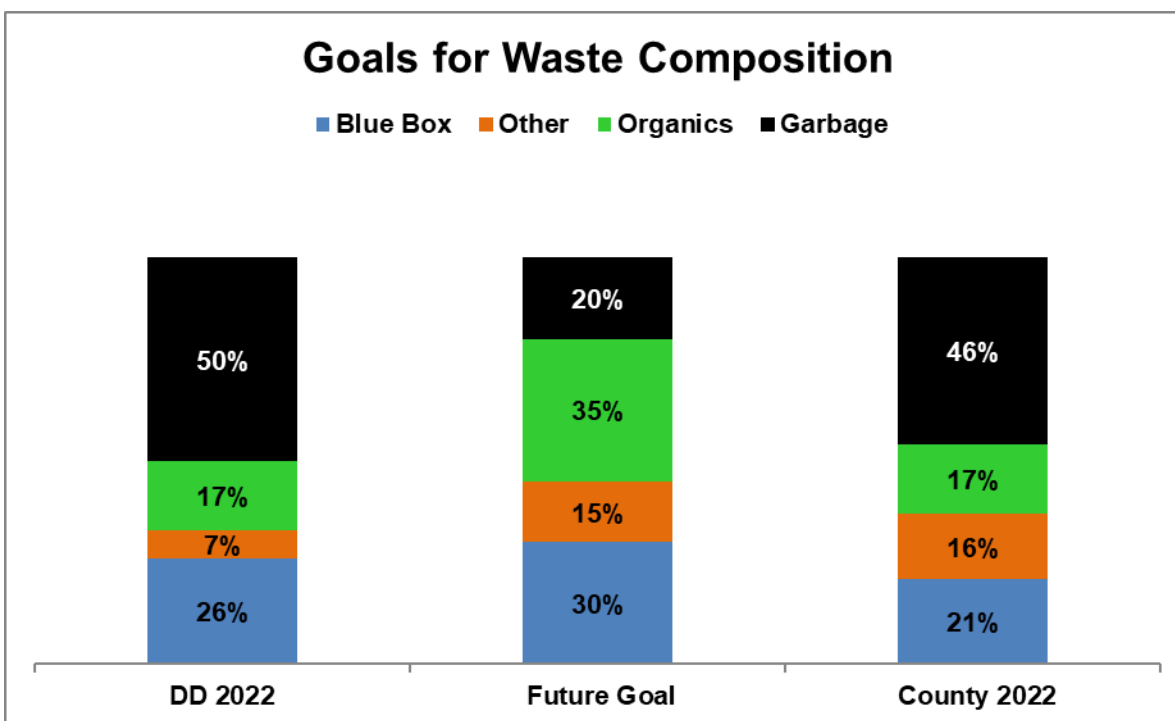
Figure 5 below shows the 2022 composition of waste for Douro Dummer by percentage.

Figure 5: Composition of Waste in Douro Dummer in 2022



The County has conducted many waste audits over the years. The future goals for waste composition shown in Figure 6 is based on this data and the assumption of diversion programs being available.

Figure 6: Future Goals for Waste Composition



Waste Management Terminology

Acronyms:

BB = Blue Box

BYC = Backyard Composting

C&D = Construction & Demolition

MHSW = Municipal Hazardous or Special Waste

WEEE = Waste Electronics and Electrical Equipment

HHLD = Household

GAP = Generally Accepted Principles (Datacall generated number)

Where the numbers come from:

- City of Peterborough scale report (Landfill and Recycling Facility)
- RPRA Datacall – calculations and other resources
- Township Staff – estimates and/or scale records
- Household Data – Municipal Property Assessment Corporation (MPAC) and County Planning Department