

Metropolitan Adelaide's Kerbside Waste Performance Snapshot Summary 2023-24



Acknowledgements

The information presented in this document is entirely dependent on the accuracy of the data provided by Adelaide metropolitan councils and their subsidiaries. Green Industries SA acknowledges their assistance.

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In 2023-24 in Metropolitan Adelaide:

92% of households have a 3-bin system

 **530,000** tonnes
of waste was collected from kerbside

 Of the total waste collected, recoverables constituted
276,400 tonnes

This represents
a total recovery
rate of

52.2%

	 Residual	 Organics	 Recyclables	Total Materials	Recovery Rate
Quantity (tonne) and change since 2022-23	253,500 ▲ 2.1%	177,800 ▼ 5.0%	98,640 ▼ 1.0%	530,000 ▼ 0.9%	52.2% ▼ 1.4%
 Per capita (kg/pp/yr)	182	128	71	381	
 Per household (kg/hh/yr)	438	307	170	915	

The top performing councils, achieving over 60% recovery rate, were those that provide:

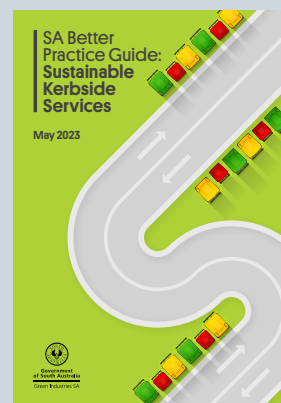


The Sustainable Kerbside Collection, which provides resident with:



can achieve up to **83%** landfill diversion rate at certain times of the year, as evidenced in the 2021 trial by the Holdfast Bay City Council.

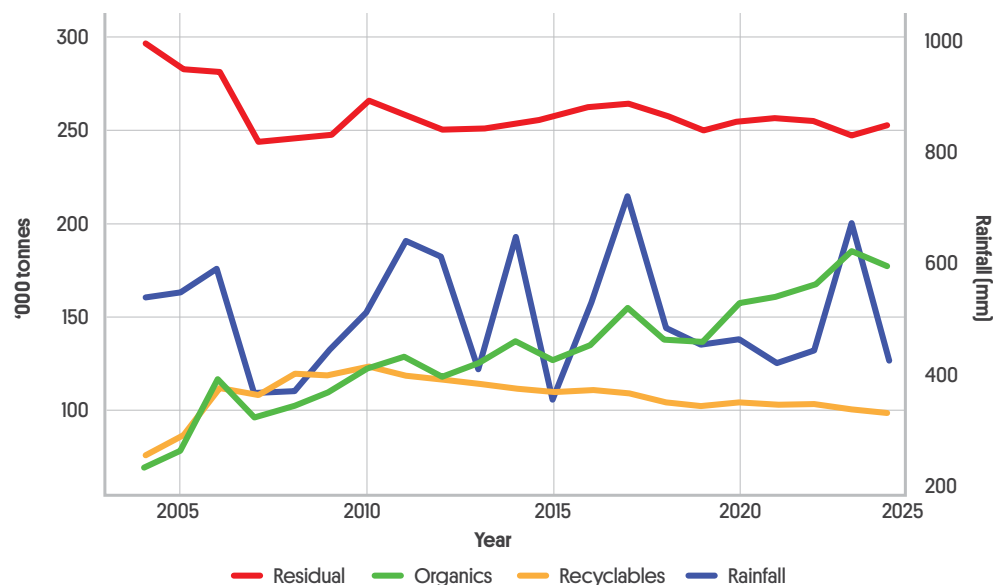
More information



The SA Better Practice Guide: Sustainable Kerbside Services which provides practical information and tools to SA councils on introducing the Sustainable Kerbside Service can be found at:

<https://www.greenindustries.sa.gov.au/resources/sa-better-practice-guide-sustainable-kerbside-services>

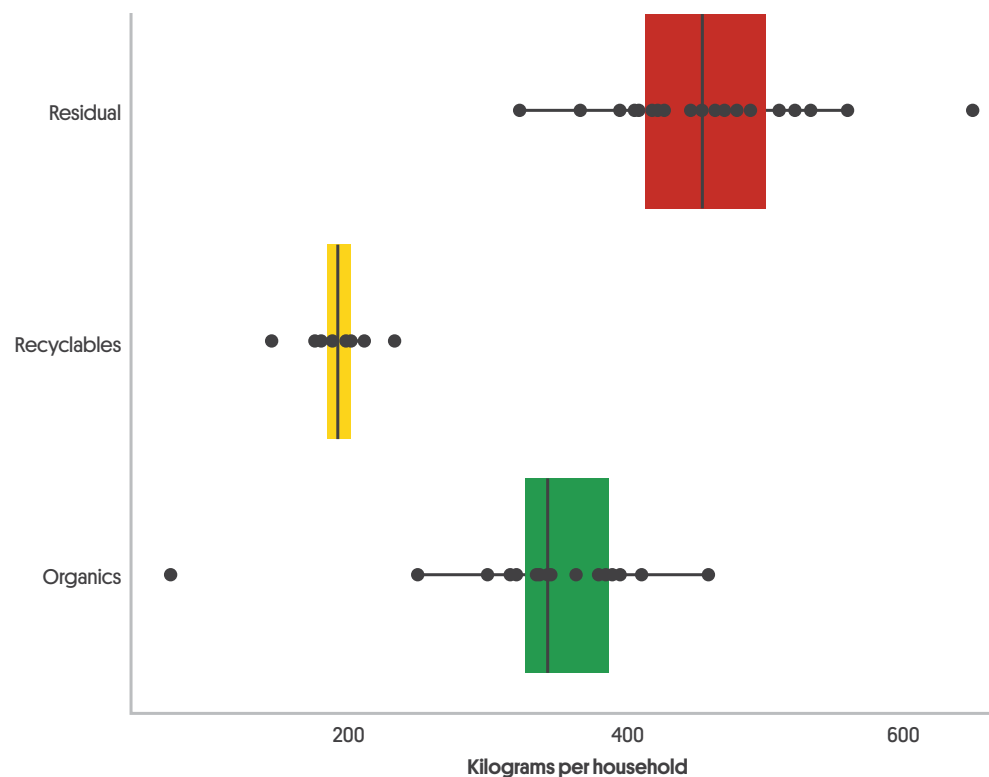
Trend of kerbside waste tonnages by bin for Metropolitan Adelaide, 2003-04 to 2023-24



Comments

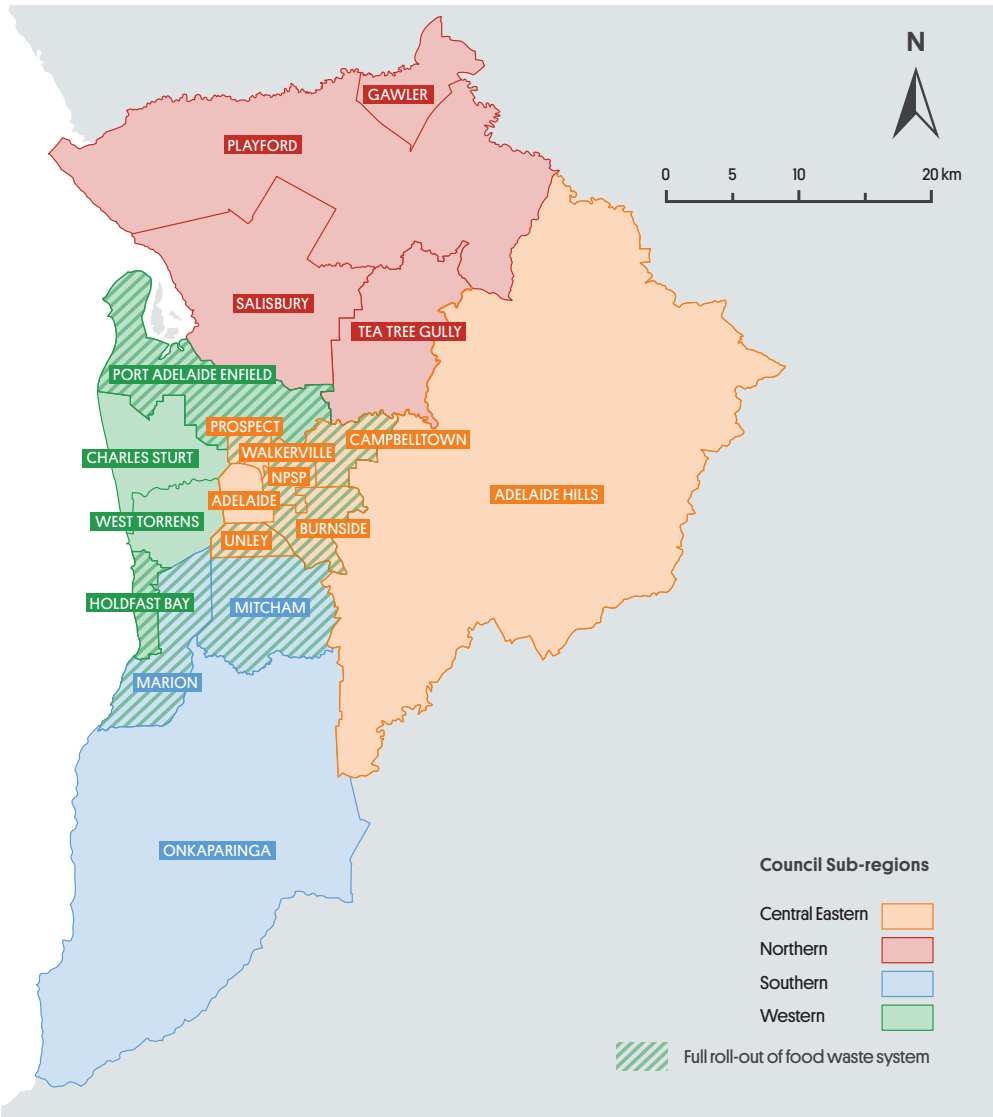
- There were less organics presented at kerbside for recovery in 2023-24 due to lower rainfall. Rainfall measured in Adelaide in 2023-24 was only 63% of the previous year's total.
- Reduction in residual waste overtime due to gradual introduction of the 3-bin system since 2003-04.
- Slight reduction of recyclables collected due to light-weighting of packaging material.
- Increased organics recovery due to organics and food waste system roll out.

Waste per household by bin type across Metropolitan Adelaide

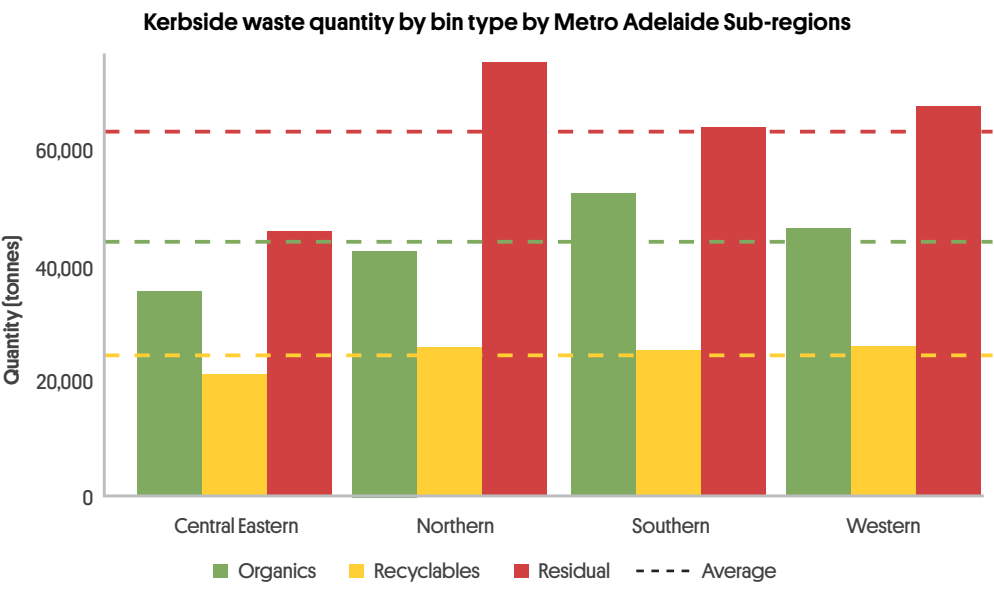


Comments

- Very little variation exists between councils in the quantities recovered for the recyclables bin which averages 170 kilograms per household.
- Greater variation is observed in both residual and organics streams where some councils consistently produce more waste per household than others.



Kerbside waste performance by Metro Adelaide Sub-regions				
	Total Materials (tonnes)	Recovery Rate	Per capita (kg/pp/yr)	Per household (kg/hh/yr)
Central Eastern	103,000 ▼ 4%	55.2% ▼ 1.3%	361	867
Northern	144,400 ▼ 3%	47.7% ▼ 1.9%	373	896
Southern	142,000 ▼ 1%	54.9% ▼ 0.5%	407	976
Western	141,600 ▲ 3%	51.8% ▼ 2.1%	381	914
Total	530,000	52.2%	381	915



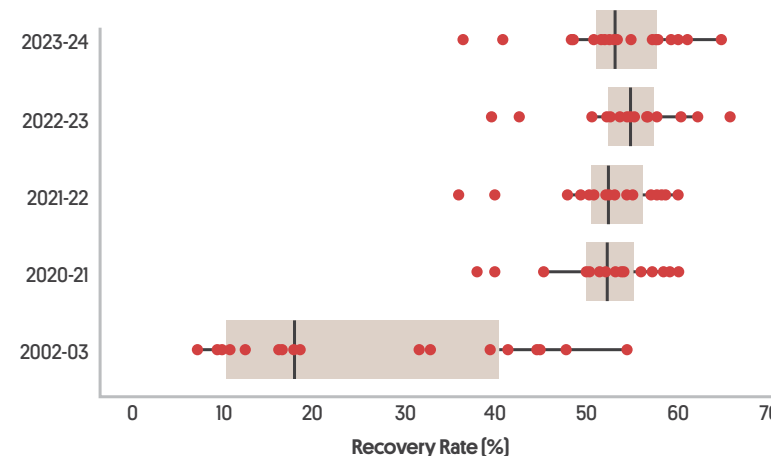
Kerbside performance in Metropolitan Adelaide by Councils, 2023-24

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Recovery rates achieved by each Metropolitan Adelaide Council, 2023-24

Subregion	3 bin diff	2023-24			2022-23		
		3-bin RR	Recyc. RR	Org. RR	3-bin RR	Recyc. RR	Org. RR
Western	▼	64.7	37.9	55	65.6	38.9	56
Central Eastern	▼	61	34.4	51	62.1	35.2	52.3
Southern	▼	60	31.9	50.7	60.2	32.2	50.9
Central Eastern	▼	59.2	34	48.3	60.3	34.4	49.9
Central Eastern	▲	57.6	32	47.1	56.6	31.4	45.8
Central Eastern	▲	57.5	30.2	47.9	56.7	30.4	46.7
Southern	▼	57	29.6	47.5	57.6	29.3	48.6
Central Eastern	▼	54.8	31.5	43	56.5	32	45.2
Central Eastern	▼	53.4	28.9	42.6	54.8	28.8	44.6
Northern	▼	53	28.7	42.1	54.4	28.9	44
Central Eastern	▼	53	31.2	40.2	55.2	32.6	42.8
Western	▼	52.4	27.7	41.8	53.7	28.6	43.1
Southern	▼	51.9	26.4	41.9	52.6	26.9	42.6
Western	▼	51.5	27.2	40.7	53.6	27.7	43.5
Northern	▼	50.8	26.7	40	52.1	27.5	41.4
Northern	▼	48.4	25.2	37.5	50.5	24.9	40.8
Western	▼	48.1	26.3	36.4	50.7	28.7	38.5
Northern	▼	40.7	23.5	27.5	42.6	24.7	29.2
Central Eastern	▼	36.4	27.9	15.6	39.5	30.9	17.2

Metropolitan Adelaide kerbside recovery rates, 2023-24 compared to the previous years and 2002-03



Comments

- Some councils, although producing more waste per household, are achieving higher recovery rates. This can be attributed to in some cases better awareness of the correct bin usage, and others producing more for recovery which elevates the diversion rate.
- Many factors need to be considered when comparing kerbside performance of different subregions or between councils [i.e. geography, rainfall, food waste system, etc.]. Different views of the data are provided here to enable different insights which may arise from different perspective. When forming opinion, using a diagram or table in isolation may lead to improper comparison.