



**LOCAL GOVERNMENT DATA COLLECTION 2001-2002
KERBSIDE WASTE MANAGEMENT SERVICES
EXECUTIVE SUMMARY**

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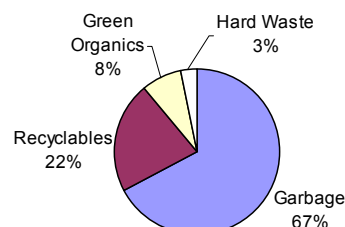
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EXECUTIVE SUMMARY

Total Waste

- Kerbside services collected 1.66 M tonnes in Victoria (nearly 61,000 tonnes more than in 2000/01)
- Garbage accounted for 67% or 1.12 M tonnes
- Victorians generated on average 946.8 kg per household per year (including garbage, recyclables, green organics and hard waste collections)
- The total kerbside collection expenditure by local government was nearly \$170 M
- State wide average recyclables diversion rate was 25%, up from last year's 23%

Composition of waste processed through kerbside services, Victoria 2001-2002



Garbage

- Average of 577 kg per household per year (620kg 2000/01)
- Local governments using smaller garbage bins generated less waste and had greater diversion rates than those using larger bins
- Average cost of \$51 per household per year

Recyclables

- Average of 197 kg per household per year (192kg 2000/01)
- 361,000 tonnes of recyclables were collected from kerbside services, up 7.1% from last year
- Mobile bin recyclable collection systems (collected fortnightly) delivered the greatest yield per household and diversion rate compared to the crate collection systems (collected weekly)
- The predominant bin system used for recyclables (41%) was a *crate* for containers and *tied bundle* for paper
- Average cost of \$28 per household per year
- The average reported contamination rate for recyclables was 6.5%
- By weight of recyclable material collected (exc. green organics) from kerbside collections, paper/cardboard accounted for 58%, glass containers 29% and plastic 7.5%

Regional waste generation, Victoria 2001-2002

Regional Waste Management Group	Total waste generation (kg per household) ¹	Recyclables diversion rate (%)
South Western	539.6	27.9
Mildura	588.9	23.8
Highlands	664.3	24.6
Desert Fringe	705.1	36.0
Leastwaste	726.8	32.1
Barwon	736.5	19.4
Gippsland	737.4	19.6
Western	748.1	23.9
Northern	761.8	27.5
Mornington Peninsula	777.8	17.4
Central Murray	800.2	29.8
South Eastern	810.6	27.1
Grampians	876.8	20.3
North Eastern	893.4	31.9
Goulburn Valley	938.5	20.7
Calder	999.1	15.1
State average	774.0	25.4

¹Only includes garbage and recyclables

Green organics

- 38 out of 78 local governments provided a green organics collection service
- 132,000 tonnes of green organics were collected from kerbside services (8% of total kerbside waste stream)
- On average, 119 kg of green organics collected per household, costing \$13 per household

Hard waste

- 41 out of 78 local governments provided a hard waste collection service
- Over 53,000 tonnes collected and 41,000 tonnes disposed to landfill, representing a 23% diversion rate
- On average, 53 kg of hard waste collected per household per year, costing \$5 per household

Environmental benefits from kerbside recycling

The environmental savings are equivalent to:

- Filling 37% of Maroondah Reservoir's storage capacity (8,143 megalitres of water)
- Taking 46,951 cars off the road (281,705 T of greenhouse gases)
- Supplying energy used by nearly all households in Greater Dandenong, Casey and Frankston Council areas combined (788,030 MWh of energy)

Commercial & Industrial kerbside services

- Only 2 councils provided a separate commercial and industrial kerbside recyclables service to 8,100 properties
- A further 70,070 properties were serviced within the domestic garbage service and 33,450 within the domestic recyclables service

Street sweeping and litter services

- Street sweeping cost local governments \$30 M
- Nearly 784,000 km of kerb and channel were swept
- Litter services (i.e. maintaining litter bins and traps) cost over \$12 M
- 514 penalty infringement notices were issued in 2001-2002; metro local governments issued nearly three quarters of these

Landfills & transfer stations

- 163 local government owned landfills operated during 2001-2002, 58 of which were licensed
- 193 transfer stations operated during the same period
- \$47 M was spent on operating the landfills and transfer stations
- Green organics accounted for 61% of all materials recovered at landfills and 46% at transfer stations

Kerbside services provided by number of local governments, Victoria 2001-2002

<i>Kerbside service</i>	<i>Metro (no.)</i>	<i>Non- Metro (no.)</i>	<i>Total (no.)</i>	<i>Total as a proportion of councils (%)</i>
Garbage	31	47	78	100.0
Recyclables	31	44	75	96.2
Green Organics	28	10	38	48.7
Hard Waste	29	12	41	52.6
Commercial and Industrial Recyclables	2	0	2	2.6
Street Sweeping	31	41	72	92.3
Litter Service	31	38	69	88.5