

NSW Local Government Waste and Resource Recovery Data Report as reported by councils

2006–2007

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Executive summary 2006–2007

In August 2007 the Department of Environment, Climate Change and Water NSW (DECCW) surveyed all NSW local government councils to determine the nature and characteristics of the waste and resource recovery services available to residents of NSW. The survey incorporated the information required under the National Environment Protection Measure (NEPM) for Used Packaging Materials¹² in addition to information relating to overall domestic resource recovery as well as waste collection and disposal.

The NEPM contains a requirement for all local councils that provide kerbside recycling collection services to report on a number of aspects relating to their system. This information is published in the National Environment Protection Council (NEPC) Annual Report. DECCW's data survey builds upon the information collected under the NEPM by reporting on the suite of waste, recycling, and resource recovery achievements of councils in NSW. This report will provide consolidated information for councils to use in making decisions and to enable them to assess their own performance. The information will also help decision makers at all levels of government to measure progress against the goals and targets in the *NSW Waste Avoidance and Resource Recovery Strategy*¹³.

The *NSW Waste Avoidance and Resource Recovery Strategy 2007* (The Strategy) is designed to provide a continuing framework that will guide actions to achieve the State Government's policy objectives of minimising environmental harm from waste generation through to disposal, and conserving resources and maximising secondary resource recovery and use. The Strategy identifies four key result areas: preventing and avoiding waste; increasing recovery and use of secondary resources; reducing toxicity in products and materials; and reducing litter and illegal dumping. The Strategy identifies a target for the municipal waste stream which aims to increase the recovery rate from 26% in 2000 to 66% by 2014.

Tackling consumption is perhaps the greatest challenge facing efforts to reduce the amount of waste produced by our society. The amount of waste we create is strongly linked to how much we spend and buy. Action to avoid and prevent waste needs to be considered at every step across the life cycle of goods and materials with a focus on those points in the supply chain where the impact and results will be most effective.

This is the first in a series of annual reports DECCW intends to publish outlining the relative performance of kerbside and drop-off waste, recycling and resource recovery services in NSW. It is anticipated that future reports will continue to build upon and improve the foundation of this reporting framework, and to provide an accurate measure of the State's progress towards sustainable consumption patterns and sustainable resource management practices.

This report contains information about the following services:

- **Dry recyclables collection**

This section contains information relating to kerbside dry recyclables collection services provided by councils.

¹² For further information: www.ephc.gov.au

¹³ For further information: www.environment.nsw.gov.au

- **Organics collection**
This section contains information relating to kerbside organics collection services provided by councils.
- **Residual waste collection**
This section contains information relating to kerbside residual waste collection services provided by councils.
- **Clean up/hard waste collection**
This section contains information relating to the hard waste collection services provided by councils.
- **Recyclables and organics drop-off facilities**
This section contains information relating to council owned or operated recycling collection facilities where residents are able to take their recyclables.

The performance of these services has been consolidated to calculate overall waste generation and resource recovery rates in each local government area to enable comparisons to be made and to help councils and communities work towards meeting the 2014 target. However, when comparing figures from different local government areas, consideration should be given to regional variations in consumption patterns, available services and physical and social demographics. Average waste generation rates per household and per capita have also been developed to compare data at an individual level, particularly with the aspirational targets set for the state.

The population figures that have been used for the per capita calculations have been sourced from the Australian Bureau of Statistics (ABS) population estimates¹⁴. The population figures used are from, and refer to, population projections as at 30 June 2006. DECCW uses the figure from the start of the financial year as the ABS does not release the next year's figures until December. The ABS data is the most accurate projected figures available and is consistent from year to year, which will allow meaningful comparisons to be made.

The environmental benefits of recycling have been quantified for the materials recycled in NSW during 2006–07 using DECCW's *Environmental Benefits of Recycling Calculator*¹⁵. The calculations are based upon Life Cycle Analyses of the materials that comprise the kerbside recycling stream. The benefits have been categorised as savings in landfill space, greenhouse gas emissions, and water and energy use to enable effective comparison and ease of interpretation.

14 ABS: Cat. No. 3218.0.55.001 Regional Population Growth, Australia – companion data

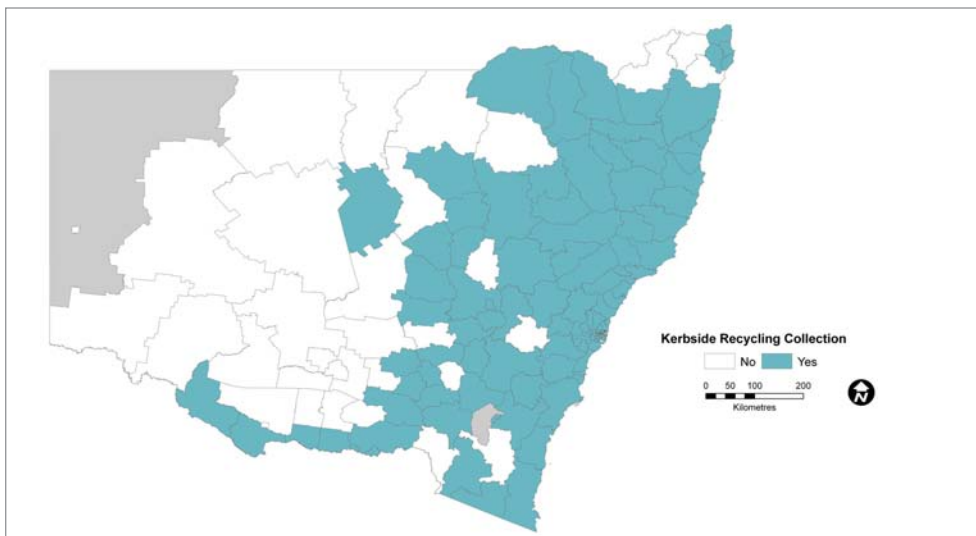
15 The calculator can be downloaded from the DECCW website: www.environment.nsw.gov.au

Dry recyclables collected at the kerbside

Most councils have been successful in requiring accurate reporting from the facilities receiving and processing their recyclables. However, it is acknowledged that some councils may have only been able to provide an estimate of tonnes of recycled material.

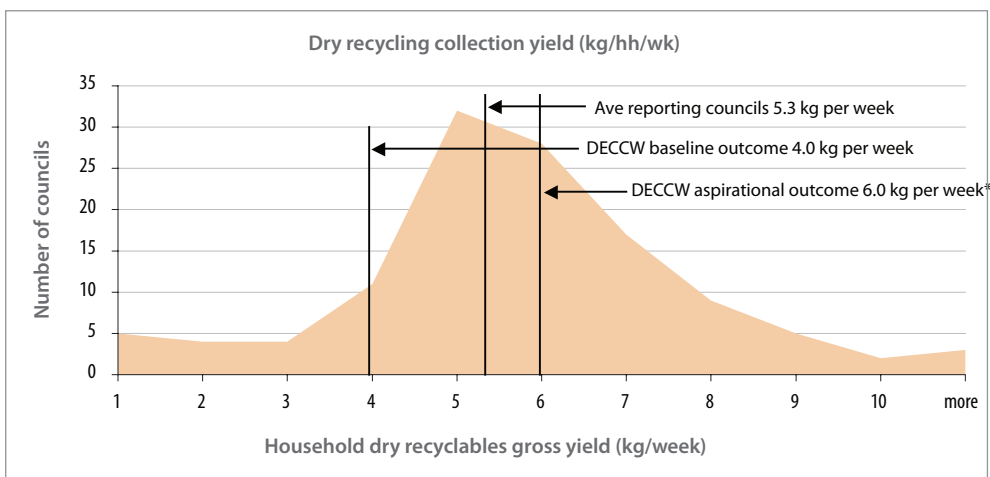
In NSW 119 councils provided a kerbside recycling service, reaching 91% of households and over 96% of the population (Figure 1). The availability of kerbside recycling to households varied across NSW with kerbside recycling services provided to 97% of households in the SMA and ERA, and 75% in the NRA.

Figure 1: NSW councils providing kerbside recycling collection services



An average of 276 kg of dry recyclables was collected per household with a recycling service in 2006–07. On a weekly basis this equates to an average of 5.3 kg per household or 2 kg per person per week. Of the 119 councils in NSW that provided a kerbside recycling service, 56 had an average weekly yield of less than 5 kg per household per week, and 36 councils had an average weekly yield in excess of 6 kg per household per week (Figure 2).

Figure 2: Average household recyclables yield across local government areas



* Aspirational targets are included in DECCW Preferred Resource Recovery Practices www.environment.nsw.gov.au/warr/prefresourcerecovery.htm

In 2006–07 there were nine different dry recycling collection systems used by NSW councils (Table 1). The most common dry recycling collection system provided by councils was a fully commingled 240L MGB. In 2006–07, 70 councils used this system.

Seventy-four councils used DECCW's preferred collection systems for dry recyclables (240L fully commingled MGB or dual 120L MGBs for paper and containers) these are geographically spread across the SMA, ERA and NRA and together service over 1.6 million or 70% of households.

The adoption of standardised collection systems facilitates education and improved understanding and use of recycling systems by residents.

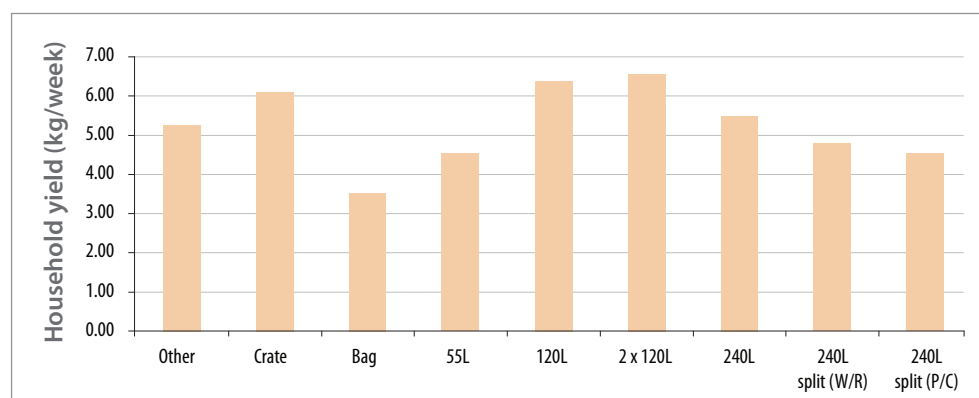
Table 1: Average annual household recyclables yield by collection system

Collection system	No. of councils	Household gross yield kg/hh/yr	Household gross yield kg/hh/yr
240L MGB	70	285.64	5.49
240L MGB split recyclables	7	235.75	4.53
240L MGB split recyclables/waste	5	249.21	4.79
2 x 120L MGB Dual Bins	4	341.48	6.57
120L MGB	1	331.62	6.38
55L MGB	3	235.62	4.53
Crate	17	317.27	6.10
Bag	4	183.35	3.53
Other*	8	274.02	5.27

* Other systems include combinations of either crate and MGBs or different size MGBs.

Figure 3 compares average weekly household dry recyclables yield with collection system type. While 120L MGB or 2 x 120L MGB and Crate collection systems show the highest average yield for 2006–07, only 22 councils use these systems.

Figure 3: Average weekly household recyclables yield by collection system 2006–07

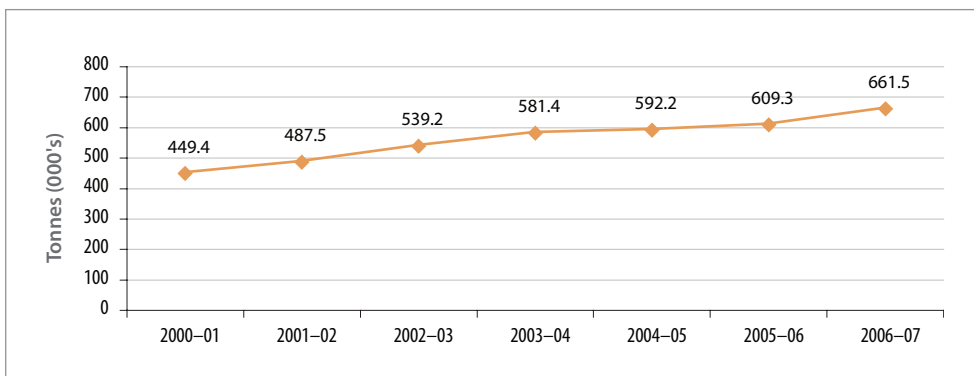


In 2006–07 the total quantity of dry recyclables collected at the kerbside in NSW was 661,474 tonnes:

- 402,785 tonnes from the SMA
- 127,174 tonnes from the ERA
- 131,515 tonnes from the NRA.

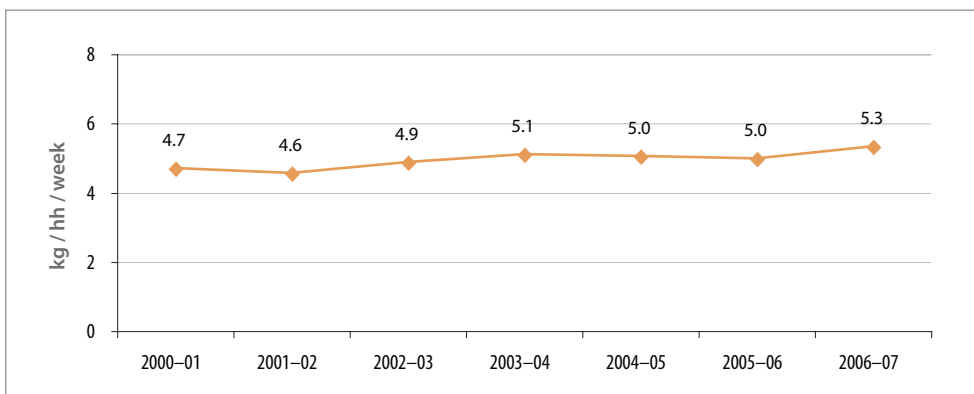
There was an increase in the quantity of dry recyclables collected at the kerbside each year since 2000–01 (Figure 4). This is an increase of over 212,000 tonnes or 47% since 2000–01.

Figure 4: Kerbside dry recycling collected in NSW 2000–01 to 2006–07



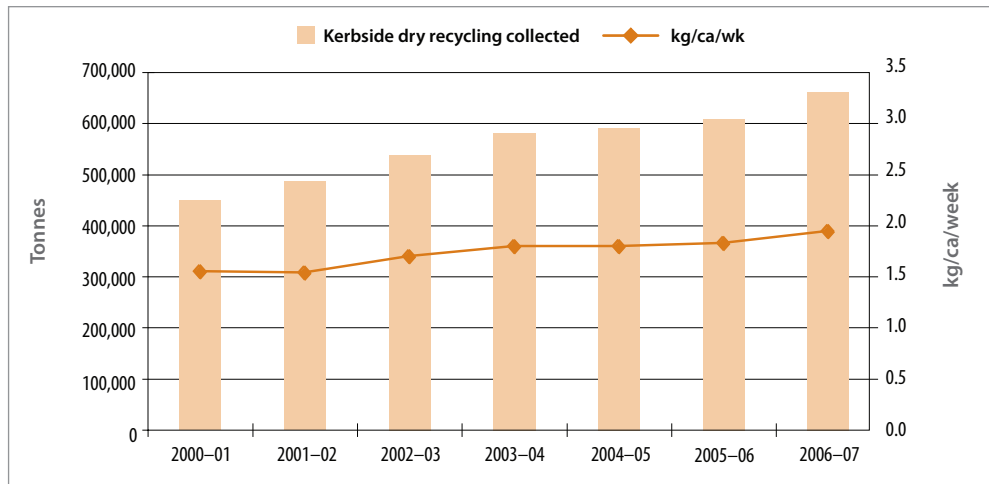
However, similar to collection the average household recyclables yield per week has increased relatively constantly since 2000–01 (Figure 5).

Figure 5: Average household recyclables yield per week in NSW 2000–01 to 2006–07



The overall increase in the quantity of recycling collected in NSW given the constant average per capita yields (Figure 6) is explained by increased number of councils offering a new or expanded recycling service to their households.

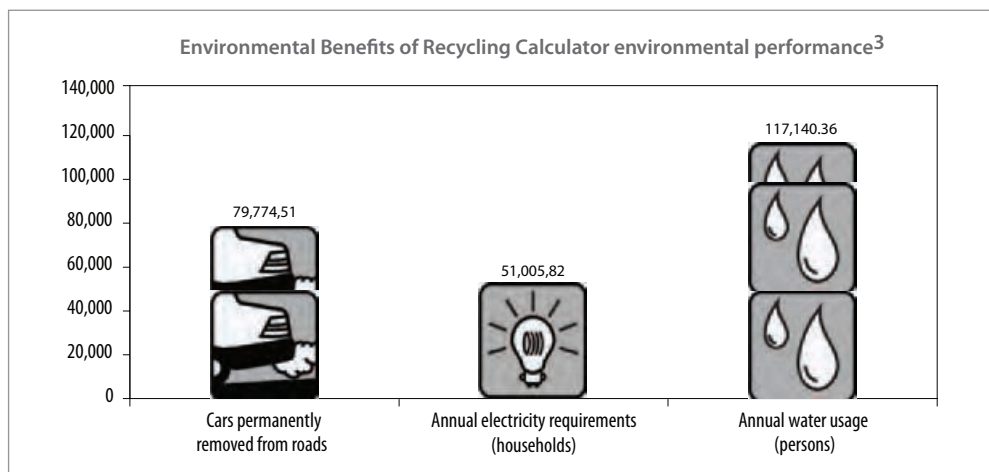
Figure 6: Annual quantity and average weekly per capita yield of recyclables in NSW 2000–01 to 2006–07



Environmental benefits

Recycling results in the avoidance of environmental impacts associated with resource extraction, materials production and manufacturing processes. The environmental benefits of recycling 661,474 tonnes in NSW during 2006–07 are demonstrated using the Environmental Benefits of Recycling Calculator. The indicators used in this calculator are greenhouse benefits, energy and water savings, as well as landfill space saved. All benefits are net benefits, that is, they are the benefits after the average impacts of collection, transporting and reprocessing have been accounted for.

Figure 7: The environmental benefits of 661,474 tonnes of recycling



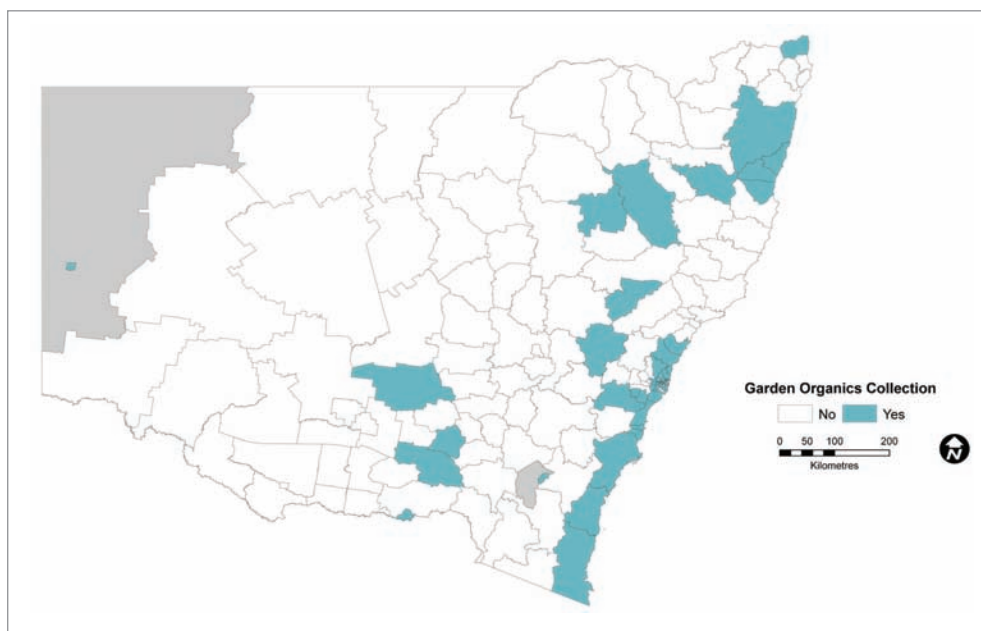
The recycling of 661,474 tonnes of resources also saves 1,822,859 m³ of landfill space, and equates to 79,775 cars permanently removed from the road, 51,006 household's annual electricity requirements and 117,140 people's annual water usage.

Garden organics collected at the kerbside

It is acknowledged that some councils have only been able to provide estimates of the garden organics material recovered.

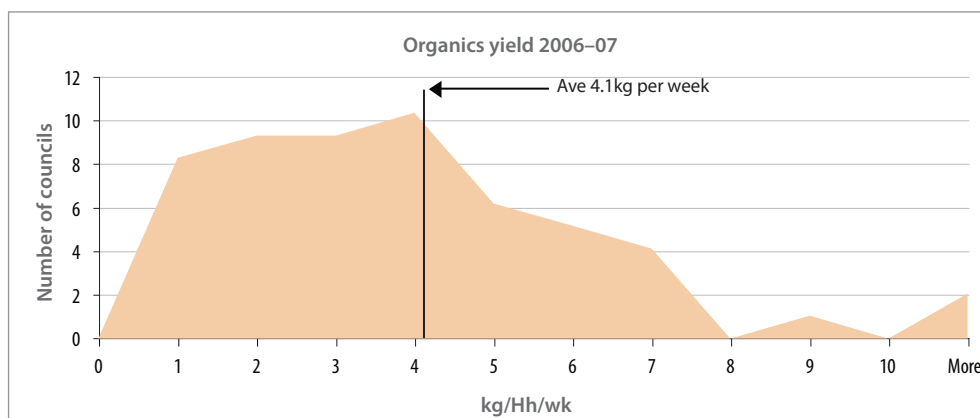
In 2006–07 there were 54 NSW councils provided a kerbside garden organics collection service, reaching 50% of households and 58% of the population (Figure 8). The availability of kerbside garden organics services to households varied across NSW with kerbside garden organics collection services provided to 61% of households in the SMA, 43% in the ERA, and 32% in the NRA.

Figure 8: NSW councils providing kerbside garden organics collection services



An average of 220kg of garden organic material was collected per household receiving a kerbside organic recycling service in 2006–07. On a weekly basis this equates to an average of 4.1 kg per household or 1.4 kg per person.

Figure 9: Average household garden organics yield by households receiving service



In 2006–07 there were 7 different garden organics collection systems used by NSW councils (Table 2 below). The most common garden organics collection system provided by councils was a 240L MGB collected fortnightly. In 2006–07, 29 councils used this system.

For councils with high volumes of garden organics (175kg or more per household per year), DECCW's *Preferred Resource Recovery Practices by Local Councils Guide* recommends a 240L MGB collected fortnightly. For councils with low volumes of garden organics (less than 175kg per household per year), DECCW recommends a tied and bundled collection three to four times per year. As demonstrated in Table 2, there are a number of alternative collection systems that have been adopted by councils with intermediate garden organics generation rates.

Table 2: Average weekly household garden organics yield by collection system

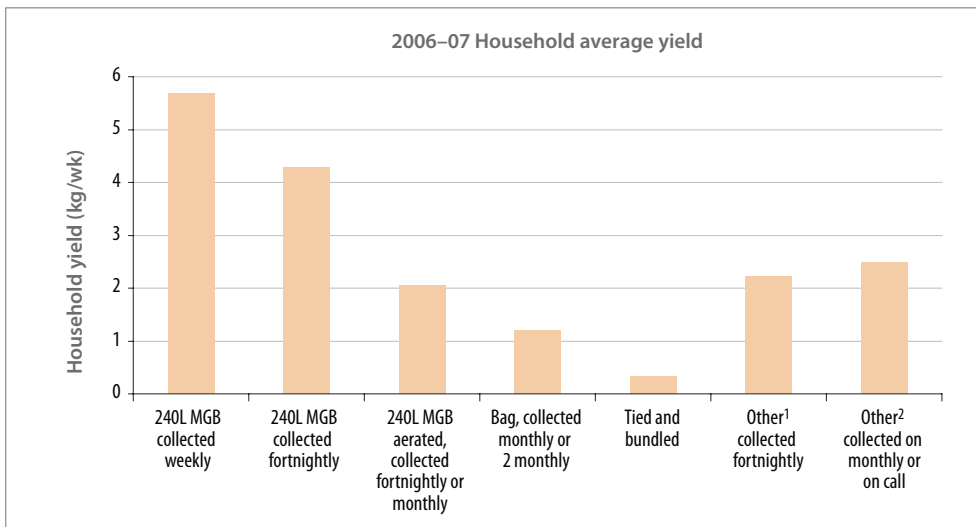
Collection system	No. of councils	Average tonnes collected by council per year kg/hh/yr	Household gross yield kg/hh/wk
240L MGB collected fortnightly	29	7,246	4.28
240L MGB collected weekly	6	5,820	5.68
240L MGB aerated, collected fortnightly or monthly	2	1,083	2.05
Bag, collected monthly or 2 monthly	2	1,209	1.20
Tied and bundled	2	555	0.33
Other collected fortnightly ¹	5	4,128	2.23
Other collected monthly or on call ²	8	2,944	2.48

¹ Combination of tied and bundled + crate+ MGBs, or mix of MGBs, or crates + MGBs. Collection fortnightly.

² Combination of tied and bundled + crate+ MGBs, or mix of MGBs, or crates + MGBs. Collection monthly or on Call.

Figure 10 below compares average weekly household garden organics yield with collection system type. The 29 councils who used the fortnightly 240L MGB collection system were geographically spread across the SMA, ERA and NRA and collectively serviced 909,000 households.

Figure 10: Average weekly household garden organics yield by collection system

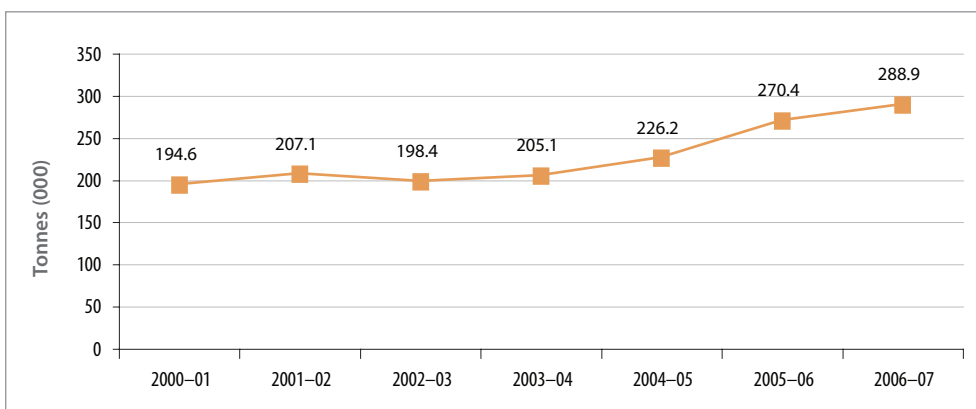


Quantities of garden organics collected at the kerbside around NSW during 2006–07 totalled 288,854 tonnes:

- 171,572 tonnes from the SMA
- 59,215 tonnes from the ERA
- 58,067 tonnes from the NRA.

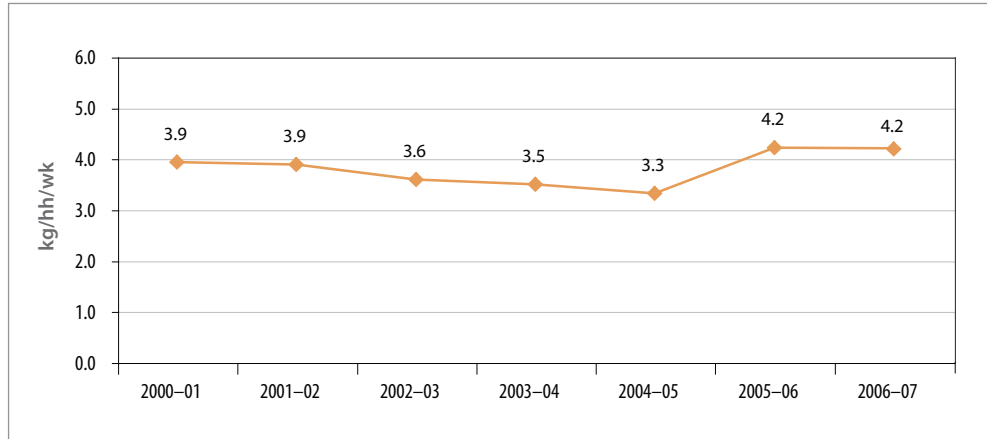
This is an increase of 94,258 tonnes, or 48%, since 2000–01.

Figure 11: Kerbside garden organics collected in NSW 2000–01 to 2006–07



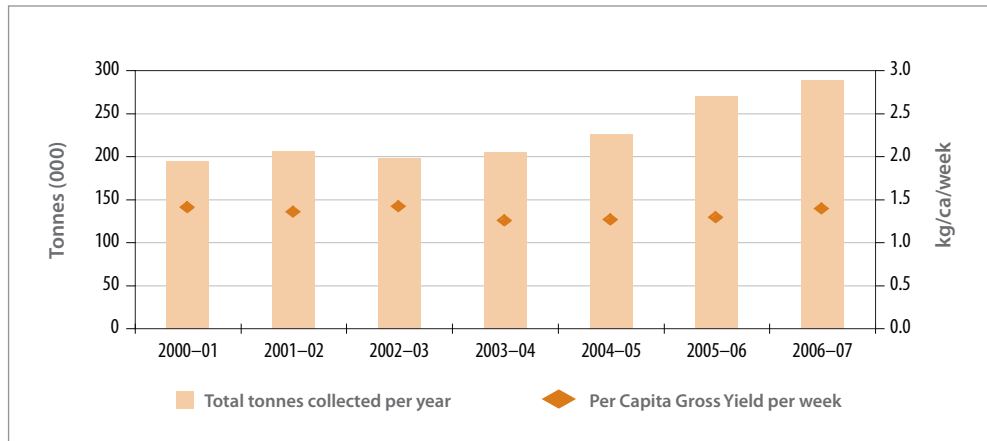
The average household garden organics yield per week has decreased between 2000–01 and 2004–05 and then increased from then on to an average of 4.2 kg per household per week in 2006–07 (Figure 12 below).

Figure 12: Average household garden organics yield per week in NSW 2000–01 to 2006–07



The overall increase in garden organics collected in NSW may be explained by more councils offering a kerbside garden organics collection service in recent years.

Figure 13: Annual quantity and average weekly per capita of garden organics in NSW 2000–1 to 2006–07 (based on persons with garden organics service)



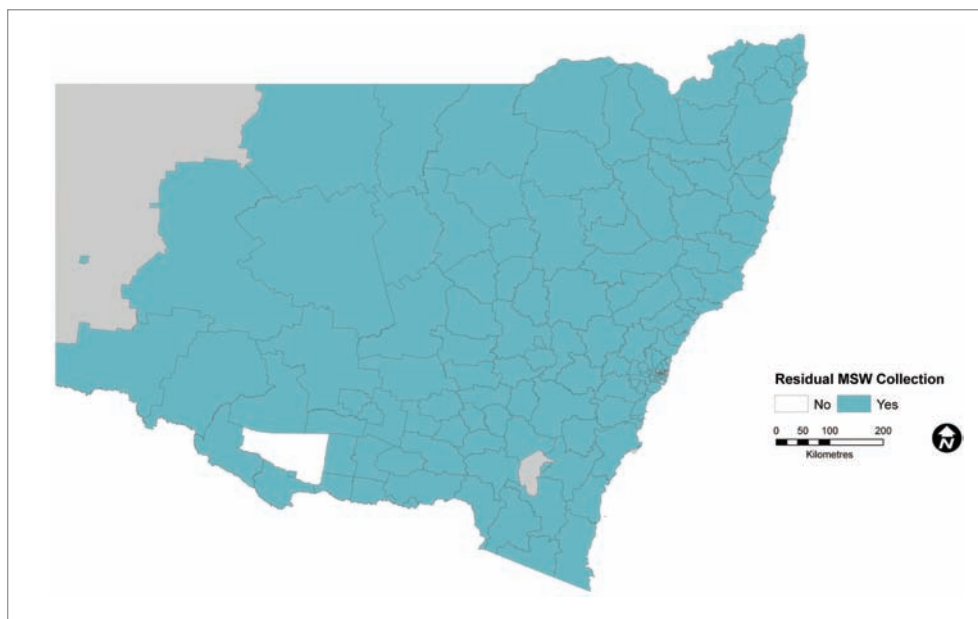
The environmental benefits of recycling 288,854 tonnes of garden organics are:

- Energy savings: more than 338 thousand gigajoules
- Water savings: more than 138 thousand kilolitres
- Greenhouse gas savings: more than 115 thousand tonnes CO₂ equivalents.

Residual waste collected at the kerbside (taken to landfill and AWT)

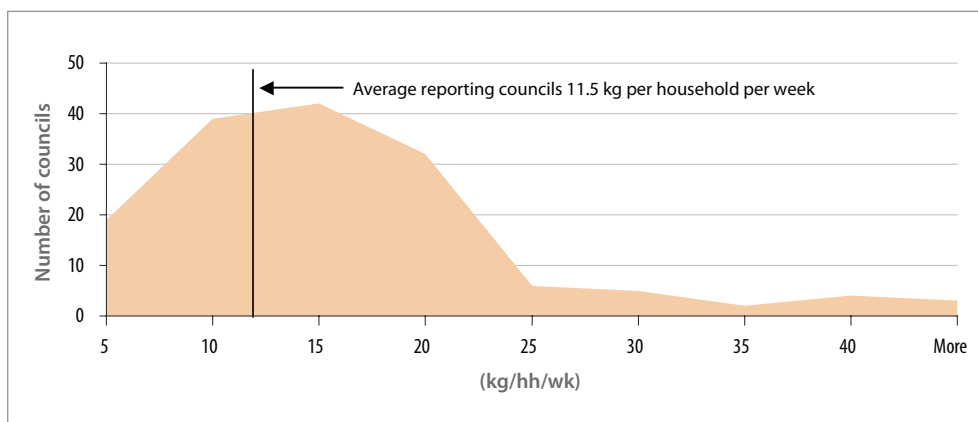
Of NSW councils 151 provided a kerbside residual waste collection service, reaching 96% of households and over 99% of the population. The access to kerbside residual waste collection varied across NSW with 99% of households in the SMA receiving kerbside residual waste collection services, 99% in the ERA, and 90% in the NRA.

Figure 14: NSW councils providing kerbside residual waste collection services



An average of 596 kg of residual waste was collected per household in 2006–07. On a weekly basis this equates to an average of 11.5 kg per household and 4.3 kg per person.

Figure 15: Household residual waste gross yield (kg/hh/wk)



In 2006–07 there were five different residual waste collection systems used by NSW councils (Table 3). The most common residual waste collection system provided by councils was a 240L MGB. In 2006–07, 81 councils used this system.

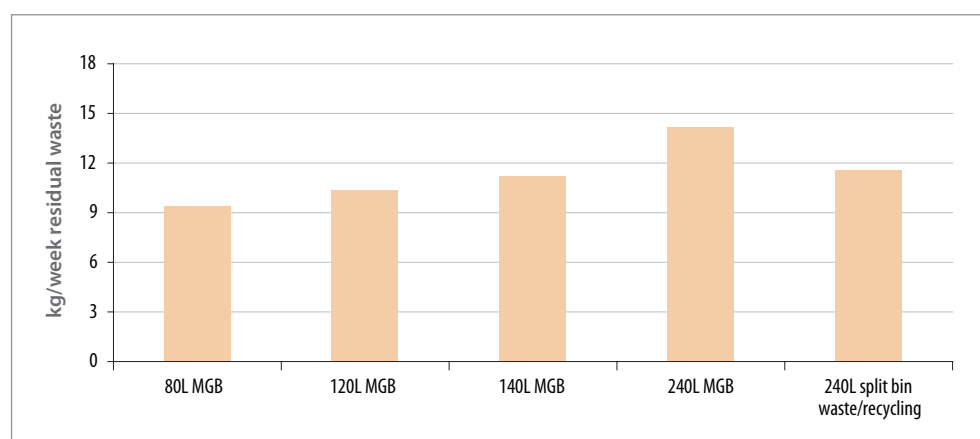
A total of 66 councils had adopted DECCW’s preferred resource recovery practices for residual waste (80L MGB, 120L MGB, or 140L MGB) as smaller bin volumes encourage greater source separation of materials and facilitate a higher resource recovery rate.

Table 3: Household waste collection system by region

Collection system	SMA	ERA	NRA	Total	Household gross yield (kg/hh/yr)	Household gross yield (kg/hh/wk)
80L MGB	4	1	1	6	442.7	8.51
120L MGB	19	3	13	35	501.7	9.65
140L MGB	9	1	15	25	535.9	10.31
240L MGB	6	7	68	81	694.3	13.35
240L MGB split bin waste/ recycling		1	3	4	542.8	10.44

¹ Mix of MGBs, predominant size not stated

Figure 16: Average weekly household residual waste collection by system



In 2006–07 the total quantity of residual waste collected at the kerbside in NSW was 1,512,154 tonnes:

- 825,265 tonnes from the SMA
- 306,762 tonnes from the ERA
- 380,127 tonnes from the NRA.

Figure 17: Domestic residual waste collected at kerbside (tonnes)

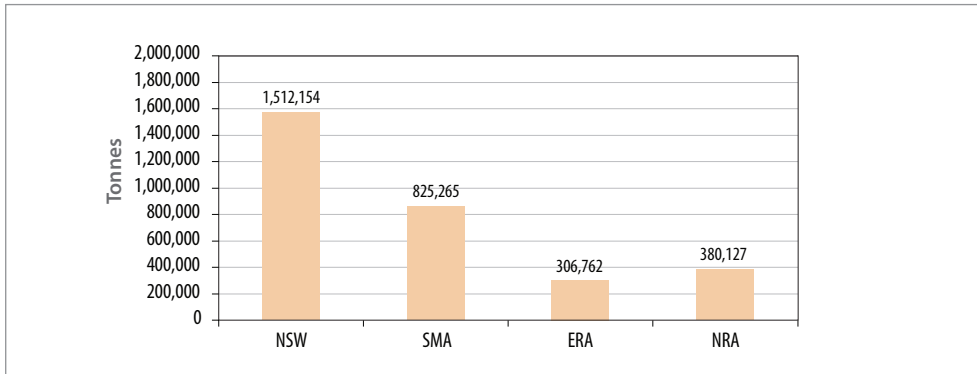
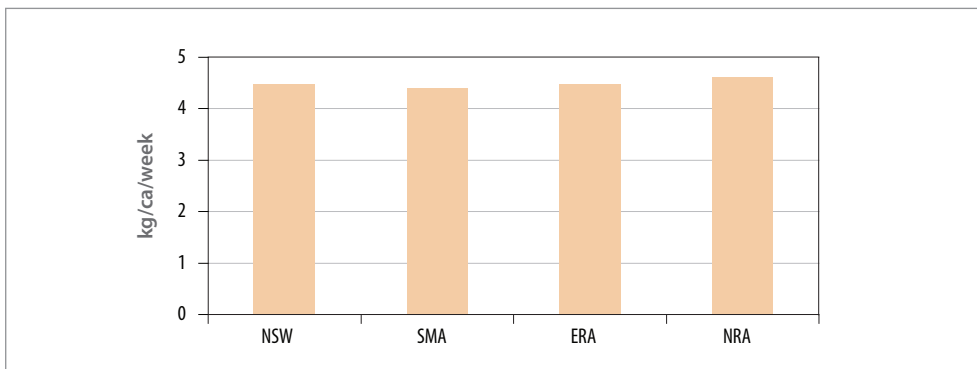
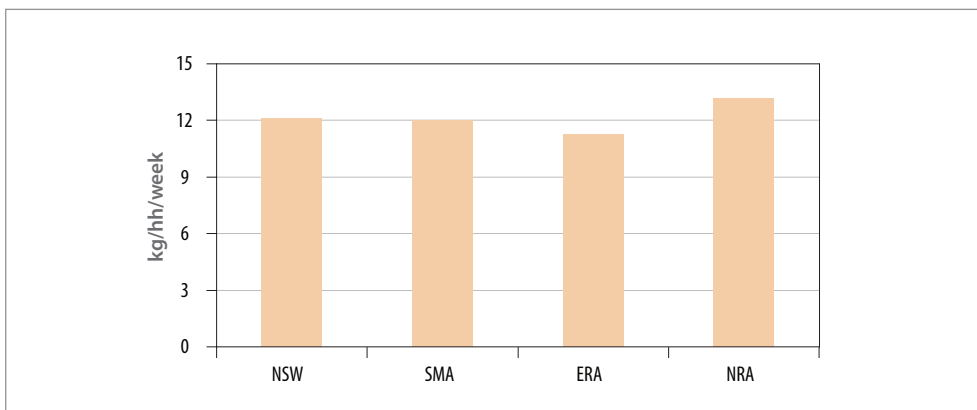


Figure 18: Domestic residual waste collected at kerbside kg per capita per week



For the range of Domestic Waste Management Charges in NSW please see Appendix 5.

Figure 19: Domestic residual waste collected at kerbside kg per household per week

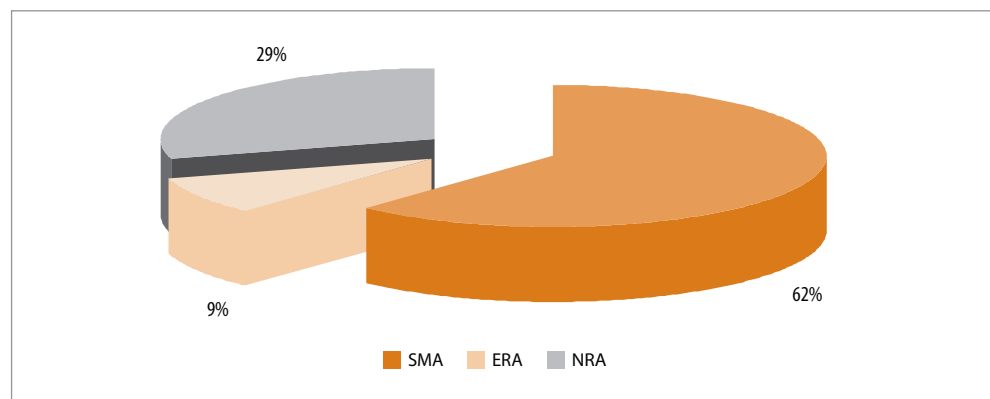


Alternative Waste Treatment (AWT)

Alternative Waste Treatment (AWT) can involve a range of different treatment technologies that is used to treat or process residual waste to recover additional resources and/or stabilise the waste material prior to land filling. Typically residue material from the AWT process, or processed material that cannot be beneficially reused, is disposed of to landfill.

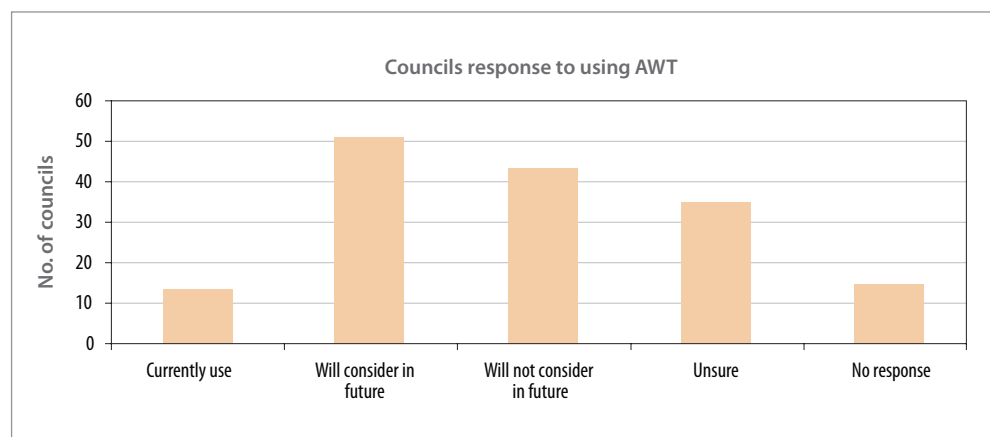
In 2006–07, 133,500 tonnes of material was recovered from the residual waste stream using AWT technologies. Of this 62% was in the SMA, 9% ERA and 29% in NRA.

Figure 20: Domestic waste recovered by AWT by region



In 2006–07 councils were asked about their current position on AWT. Their responses are indicated in Figure 20.

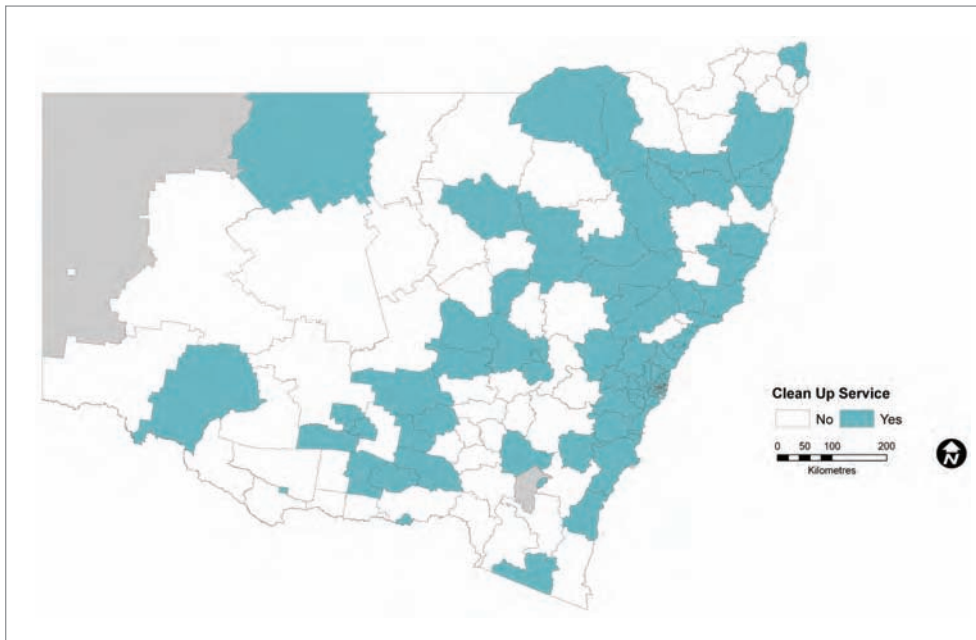
Figure 21: Councils response to using AWT



Kerbside clean up service

One hundred and two NSW councils provided a kerbside clean up collection service, reaching 91% of households and over 91% of the population (Figure 22). The access to a kerbside clean up service varied across NSW with these services being provided to 100% of households in the SMA, 95% in the ERA, and 71% in the NRA.

Figure 22: NSW councils with a kerbside clean up service



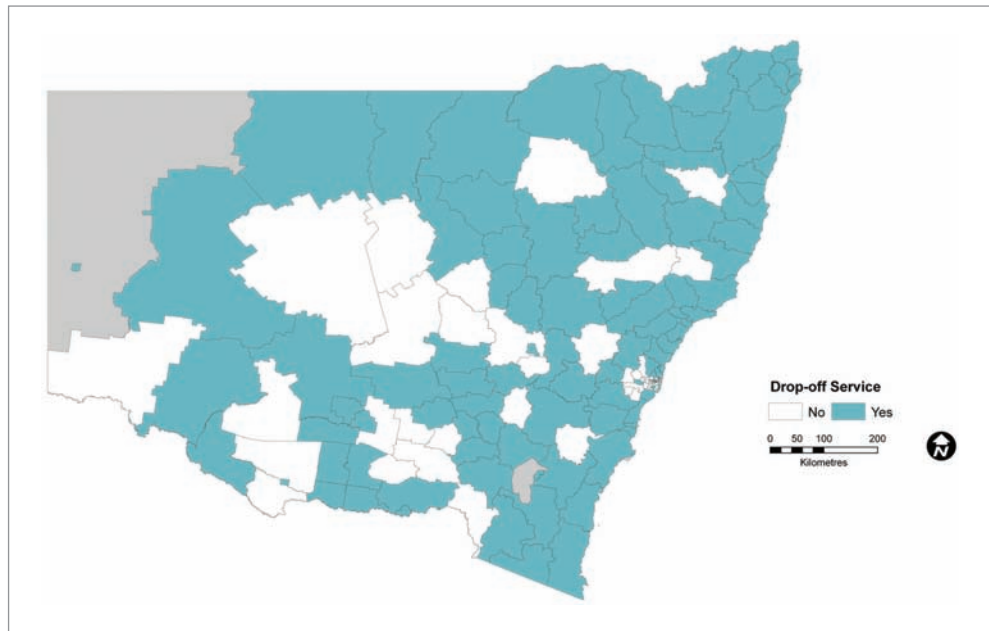
137,929 tonnes of bulky goods were collected in NSW, of which 112,325 tonnes were sent to landfill and 25,604 tonnes were recycled. The overall resource recovery rate for kerbside clean up in NSW was in the order of 18%:

- 95,380 tonnes collected in the SMA (11% RRR)
- 21,875 tonnes collected in the ERA (10% RRR)
- 20,674 tonnes collected in the NRA (62% RRR).

Drop-off facilities provided by councils

One hundred and thirteen NSW councils provided a recycling drop-off facility (dry recycling and/or garden organics), which was accessible by 61% of households and 60% of the population (Figure 23). The access to recycling drop off facilities varied across NSW with access to these facilities at 33% in the SMA, 100% in the ERA, and 90% in the NRA.

Figure 23: NSW councils providing a recycling drop off facility



208,721 tonnes of recyclable material were collected at drop off facilities:

- 64,536 tonnes of dry recyclables
- 144,185 tonnes of garden organics.

Recovery rates

The recovery rate is the percentage of materials consumed by households that is recovered for recycling or processing. The target for Municipal Solid Waste (MSW) in the Strategy is to increase resource recovery from 26% to 66% by 2014. MSW is defined in the Strategy as:

'The solid waste component of the waste stream arising from household waste placed at the kerbside for council collection and waste collected by council from municipal parks and gardens, street sweepings, council engineering works and public council bins. It excludes hazardous, clinical and related wastes.'

This report is based on waste and recycling generated by households and therefore is not strictly MSW. However, it is a good place to start looking at the state scorecard.

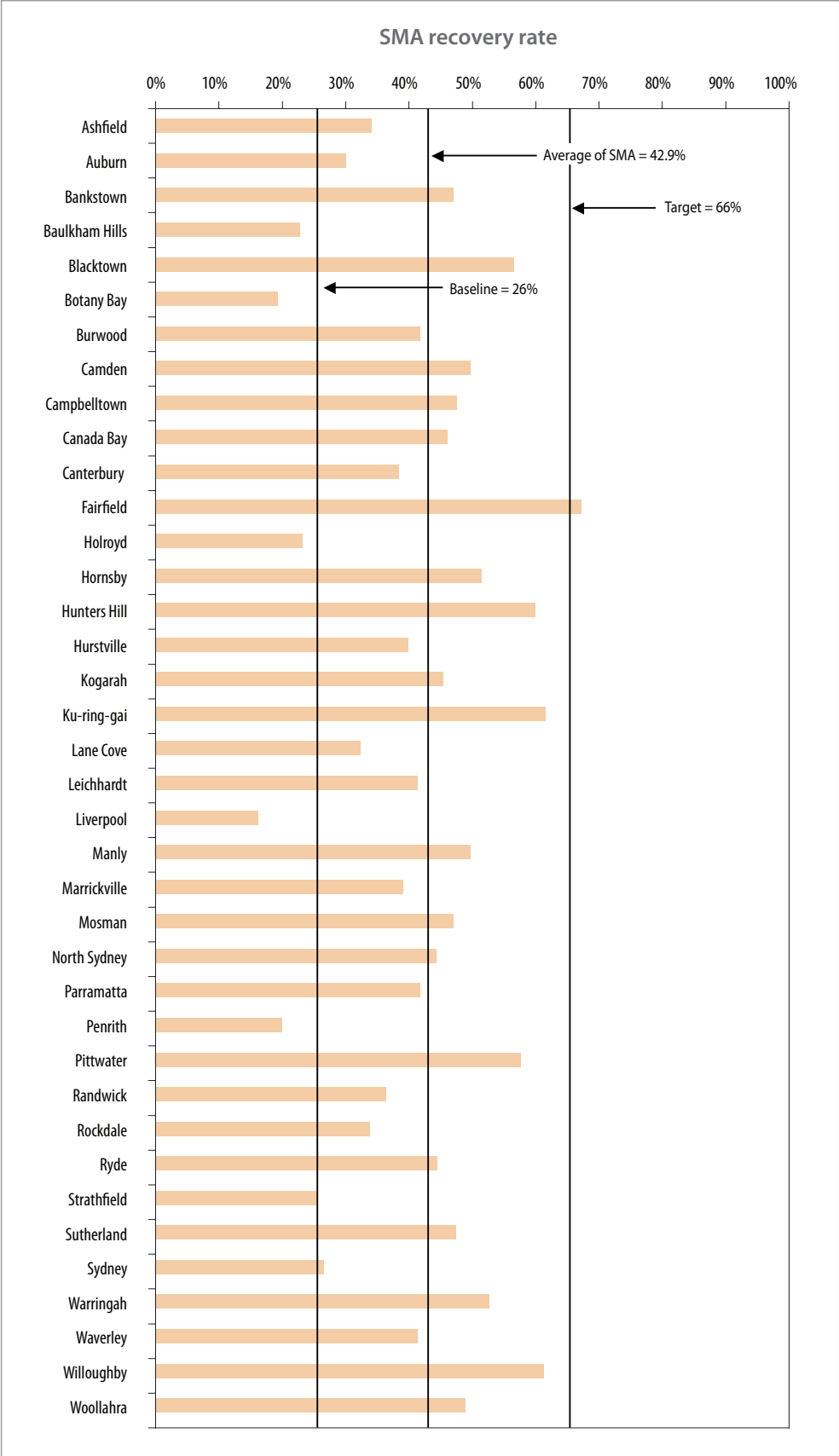
The recovery Rate for NSW for 2006–07 was 40.4% when all collected household waste and recycling is included in the calculation, i.e. residual waste, recycling, garden organics, clean-up and drop-off. The recovery rates for the regions are:

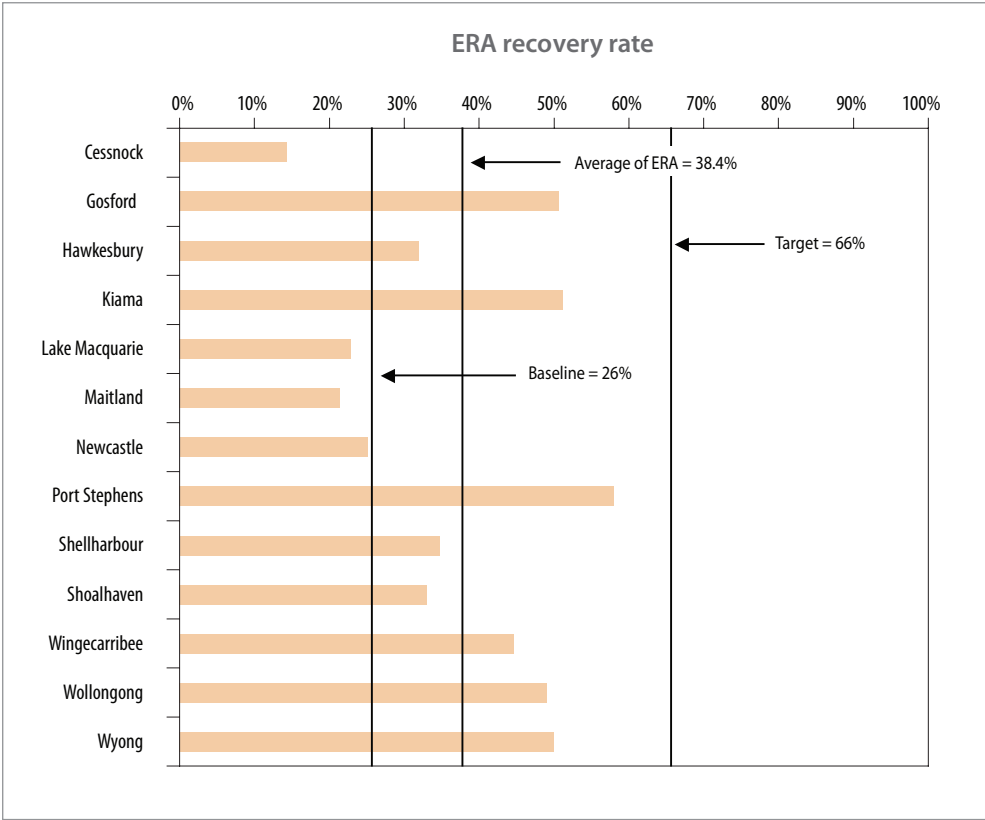
- SMA 42.9%
- ERA 38.4%
- NRA 37.7%.

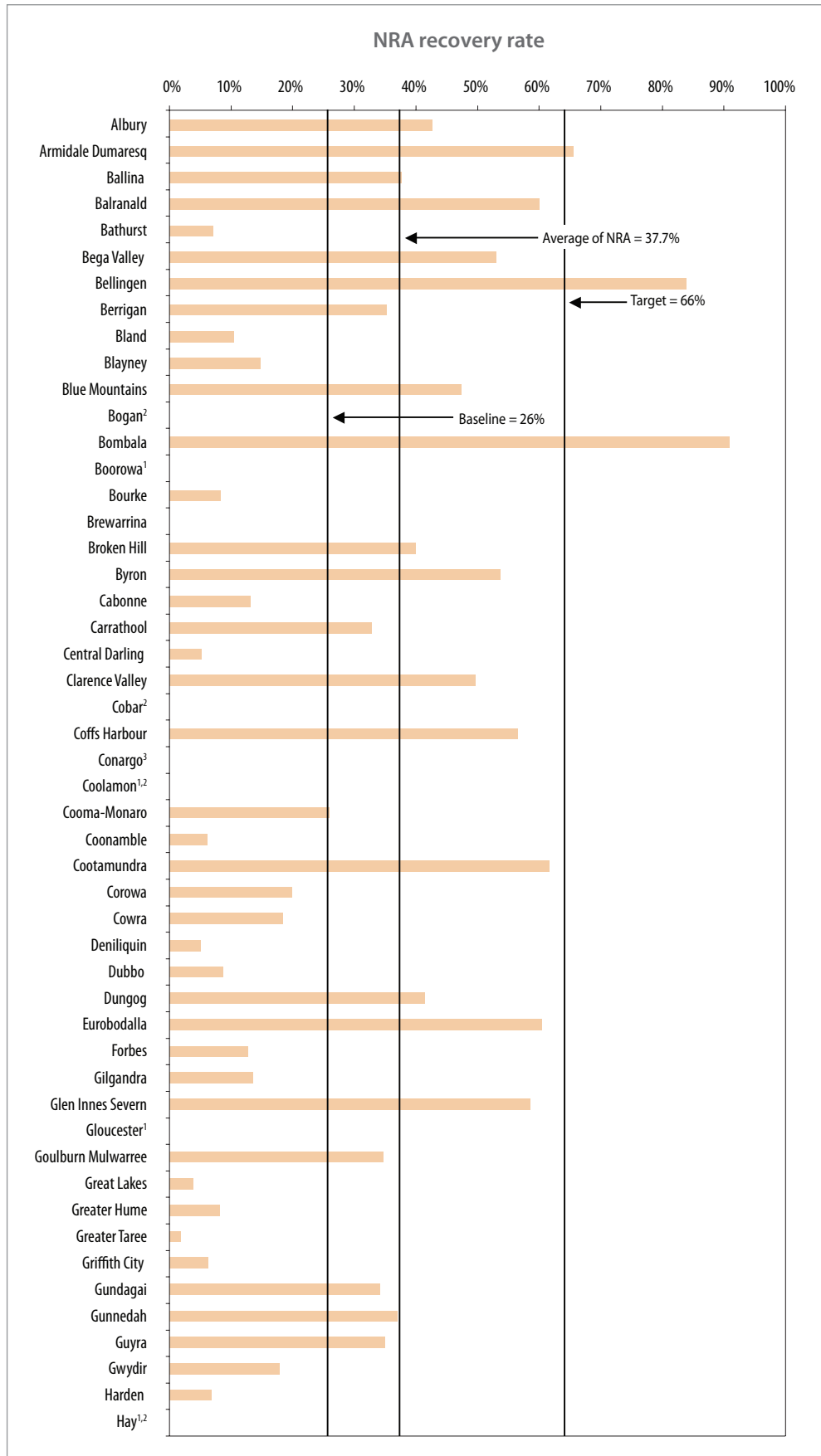
The graphs also indicate the baseline recovery rate of 26% in 2000 and the target recovery Rate of 66% by 2014.

Note: The following is a key to the notations in the following recovery rate graphs:

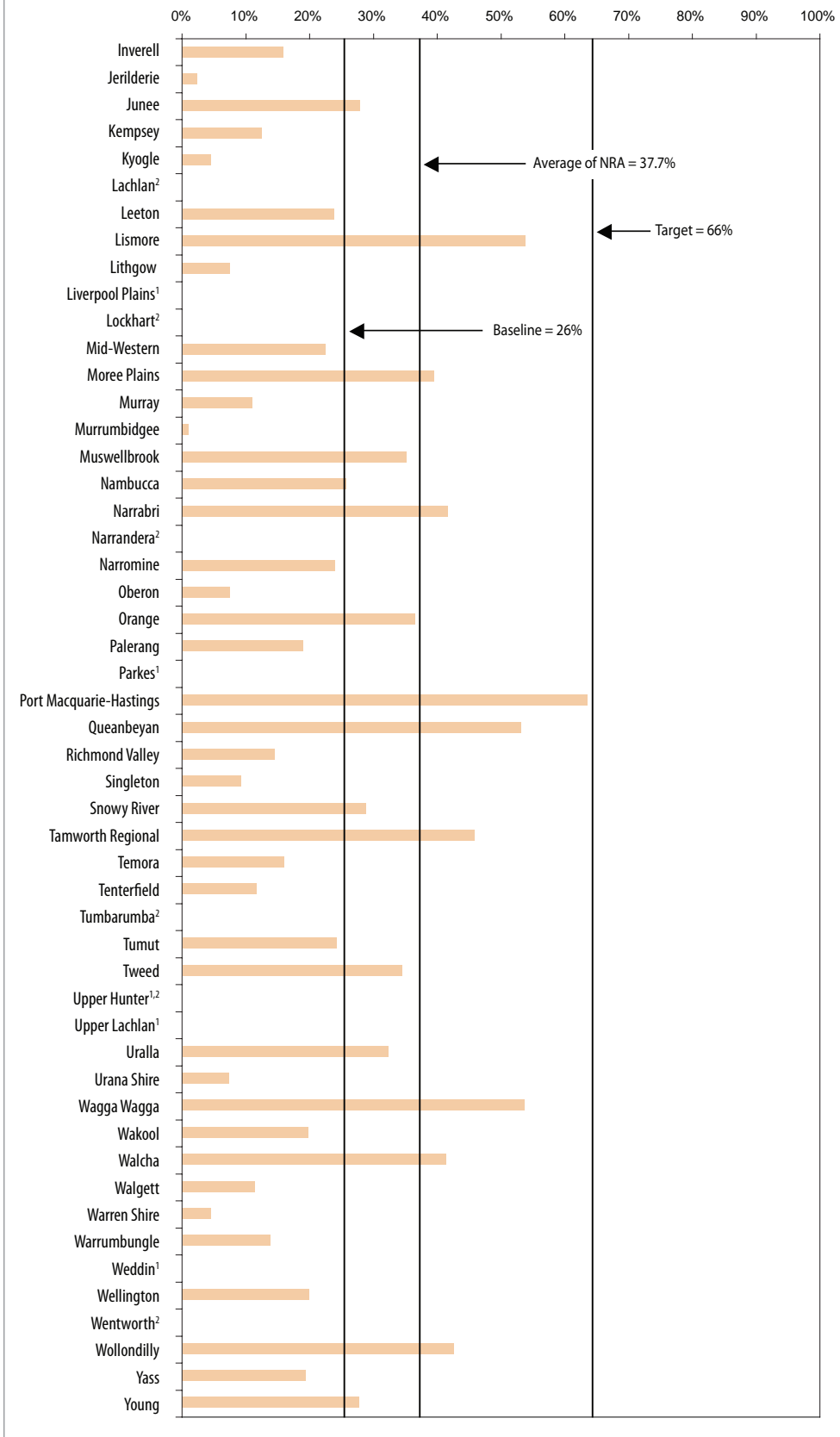
- ¹ Council did not supply kerbside waste
- ² Council did not supply kerbside recycling
- ³ Council does not provide kerbside waste and recycling services.







NRA recovery rate



Glossary

AWT technology

Alternative Waste Treatment technology

DECCW

Department of Environment, Climate Change and Water NSW

Domestic Waste Management Charge (DWMC)

The levy that councils charge each year for the provision domestic waste management services for each parcel of rateable land for which the service is available (*s496 the Local Government Act 1993*).

Drop off recycling

Places where materials or goods can be lawfully deposited for resource recovery or special management.

Dry recyclables

The standard range of dry recyclables includes: recyclable paper and cardboard including newspapers, magazines, phone books, cardboard packaging and liquid paperboard; glass bottles and jars; steel cans and aerosols; aluminium rigid and semi-rigid packaging; all plastic containers.

Gross yield

The total amount of material collected from an individual household within a given waste service.

Household

A household comprises the people that usually reside together within a single housing unit (house, unit, farm etc).

Kerbside clean up collection

A kerbside waste collection for waste items that are too large for collection via the normal household waste service.

Kerbside recycling

A formalised kerbside collection system for recyclables from households, where the householder segregates the wastes according to material type and places them in containers on the kerbside for separate collection.

LGA

Local Government Area

MGB

Mobile Garbage Bin. Also in the general context refers to mobile bins used for the collection of any recycling and garden organics.

Organics

Compostable organics is a generic term for all organic materials that are appropriate for collection and use as feedstocks for composting or in related biological treatment systems (e.g. anaerobic digestion). Compostable organics is defined by its material

components: residual food organics, garden organics, wood and timber, biosolids and agricultural organics.

Garden organics include:

- Putrescible garden organics (grass clippings)
- Non-woody garden organics
- Woody garden organics
- Trees and limbs
- Stumps and rootballs (not usually accepted in kerbside collection systems).

Garden organics is one of the primary components of the compostable organics stream.

Predominant bin type

Where a council offers residents a range of bin sizes for a particular waste stream, the size most commonly in use is the predominant bin type.

Predominant service type

Where a council offers residents a range of waste service types, the waste service most commonly provided to residents is the predominant service type.

Recovery rate

The recovery rate is the proportion of domestic recyclable material recovered through kerbside and drop off resource recovery services compared to total domestic waste generation.

Residual waste

Residual waste or garbage is materials that are not separated for recycling or recovery, but are generally disposed of at solid and inert waste landfills.

Waste Avoidance and Resource Recovery (WARR) Act 2001

An Act to promote waste avoidance and resource recovery. Its purpose is to develop a state-wide framework to achieve integrated waste and resource management planning, programs and service delivery, to provide for the continual reduction in waste generation, to minimise the consumption of natural resources and the final disposal of waste and to encourage the most efficient use of resources.

Waste Avoidance and Resource Recovery Strategy (WARR Strategy) 2003

The development of the WARR Strategy is a requirement of the WARR Act 2001. The initial Strategy was released in 2003 and an updated Strategy was released in 2007. The WARR Strategy provides guidance and priorities for action to ensure that efficient resource use and impacts on the environment are considered throughout the life cycle of goods and materials, including the extraction of raw materials, manufacturing, distribution, consumption and recovery for reprocessing or safe disposal.

Waste generation

The sum of the total of all materials collected or recovered through the domestic waste collection and resource recovery services (i.e waste + recycling + garden organics + clean up).

Appendix 1: Councils and their waste and resource recovery services

Council Name	Population (ABS 30 June 2006)	Number of individual households	Supplied data	Residual MSW collection	Kerbside recycling	Drop-off recycling facility	Domestic waste to AWT	Domestic Waste Management Charge (DWMC)
NSW	6,816,062	2,624,620						
Albury	48,629	20,175	Y	Y	Y	Y	N	\$115.00
Armidale Dumaresq	24,533	8,575	Y	Y	Y	Y	N	\$206.00
Ashfield	41,309	14,968	Y	Y	Y	N	N	\$154.00
Auburn	68,104	21,613	Y	Y	Y	N	N	\$245.90
Ballina	40,266	16,011	Y	Y	Y	Y	N	\$187.00
Balranald	2,546	801	Y	Y	N	Y	N	\$217.00
Bankstown	176,817	55,508	Y	Y	Y	N	N	\$270.00
Bathurst	37,542	16,313	Y	Y	Y	Y	N	\$143.00
Baulkham Hills	165,931	58,738	Y	Y	Y	N	N	\$270.00
Bega Valley	32,429	14,245	Y	Y	Y	Y	N	\$146.12
Bellingen	12,985	3,780	Y	Y	Y	Y	Y	\$308.00
Berrigan	8,337	3,579	Y	Y	Y	Y	N	\$178.00
Blacktown	279,759	92,897	Y	Y	Y	N	Y	\$230.00
Bland	6,343	1,602	Y	Y	N	Y	N	\$225.00
Blayney	6,891	1,767	Y	Y	Y	Y	N	\$166.60
Blue Mountains	76,080	34,137	Y	Y	Y	Y	N	\$224.00
Bogan	2,994	874	Y	Y	Y	Y	N	\$122.16
Bombala	2,645	906	Y	Y	Y	Y	Y	\$193.00
Boorowa	2,390	1,729	Y	Y	Y	Y	N	\$170.00
Botany Bay	37,586	13,312	Y	Y	Y	N	N	\$269.00
Bourke	3,217	1,048	Y	Y	N	Y	N	\$195.00
Brewarrina	1,998	545	Y	Y	N	Y	N	\$256.00
Broken Hill	20,139	10,069	Y	Y	N	Y	N	\$135.00
Burwood	32,276	10,652	Y	Y	Y	N	N	\$260.00
Byron	30,635	11,966	Y	Y	Y	Y	N	\$156.00
Cabonne	12,907	2,436	Y	Y	Y	Y	N	\$248.40
Camden	50,950	17,983	Y	Y	Y	N	N	\$375.00
Campbelltown	147,177	54,726	Y	Y	Y	N	N	\$193.45
Canada Bay	68,883	29,751	Y	Y	Y	N	N	\$230.00
Canterbury	136,032	48,922	Y	Y	Y	Y	N	\$264.00
Carrathool	2,911	1,475	Y	Y	N	Y	N	\$92.70
Central Darling	2,008	1,369	Y	Y	N	Y	N	\$270.00
Cessnock	48,265	17,802	Y	Y	Y	Y	N	\$239.00
Clarence Valley	50,143	19,512	Y	Y	Y	Y	N	\$187.00
Cobar	5,112	2,174	Y	Y	N	Y	N	\$160.00
Coffs Harbour	68,021	27,258	Y	Y	Y	Y	Y	\$290.00
Conargo	1,743	350	Y	N	N	Y	N	\$0.00
Coolamon	4,176	1,467	Y	Y	N	Y	N	\$165.00

Council Name	Population (ABS 30 June 2006)	Number of individual households	Supplied data	Residual MSW collection	Kerbside recycling	Drop-off recycling facility	Domestic waste to AWT	Domestic Waste Management Charge (DWMC)
Cooma-Monaro	10,166	4,911	Y	Y	N	Y	N	\$210.00
Coonamble	4,342	1,428	Y	Y	Y	Y	N	\$237.00
Cootamundra	7,597	3,312	Y	Y	Y	Y	Y	\$228.80
Corowa	11,454	5,519	Y	Y	Y	Y	N	\$200.00
Cowra	13,025	3,986	Y	Y	Y	Y	N	\$332.00
Deniliquin	7,715	2,846	Y	Y	N	Y	N	\$244.00
Dubbo	39,499	14,434	Y	Y	Y	Y	N	\$124.00
Dungog	8,432	3,560	Y	Y	Y	Y	N	\$220.50
Eurobodalla	36,595	22,419	Y	Y	Y	Y	N	\$214.55
Fairfield	186,414	58,263	Y	Y	Y	Y	Y	\$279.48
Forbes	9,755	3,200	Y	Y	Y	Y	N	\$221.35
Gilgandra	4,702	1,694	Y	Y	Y	Y	N	\$276.00
Glen Innes Severn	9,095	2,986	Y	Y	Y	Y	N	\$205.00
Gloucester	4,985	1,820	Y	Y	Y	Y	N	\$210.60
Gosford	162,017	68,535	Y	Y	Y	Y	N	\$265.60
Goulburn Mulwarree	27,277	11,966	Y	Y	Y	N	N	\$186.50
Great Lakes	33,982	19,512	Y	Y	Y	Y	N	\$170.00
Greater Hume	10,167	2,213	Y	Y	Y	Y	N	\$170.00
Greater Taree	46,979	21,731	Y	Y	Y	Y	N	\$202.28
Griffith City	24,867	7,354	Y	Y	N	Y	N	\$160.00
Gundagai	3,851	1,157	Y	Y	Y	Y	N	\$236.50
Gunnedah	11,966	4,601	Y	Y	Y	Y	N	\$190.00
Guyra	4,402	1,114	Y	Y	Y	Y	N	\$393.80
Gwydir	5,516	1,334	Y	Y	Y	Y	N	\$160.45
Harden	3,725	1,002	Y	Y	N	Y	N	\$230.00
Port Macquarie - Hastings	71,407	33,680	Y	Y	Y	Y	Y	\$337.00
Hawkesbury	62,031	23,656	Y	Y	Y	Y	N	\$259.30
Hay	3,535	1,410	Y	Y	N	Y	N	\$92.00
Holroyd	93,052	30,652	Y	Y	Y	Y	Y	\$220.40
Hornsby	157,387	53,034	Y	Y	Y	Y	N	\$253.00
Hunters Hill	13,838	4,711	Y	Y	Y	N	Y	\$355.66
Hurstville	76,913	29,172	Y	Y	Y	N	Y	\$247.70
Inverell	16,152	7,445	Y	Y	Y	Y	N	\$237.00
Jerilderie	1,711	357	Y	Y	N	Y	N	\$145.00
Juneec	6,050	2,059	Y	Y	Y	Y	N	\$205.00
Kempsey	28,474	12,097	Y	Y	Y	Y	N	\$198.50
Kiama	19,973	8,086	Y	Y	Y	Y	N	\$340.60
Kogarah	55,119	20,696	Y	Y	Y	N	N	\$267.28
Ku-ring-gai	106,029	37,195	Y	Y	Y	N	N	\$250.00

Appendix 1: Councils and their waste and resource recovery services (continued)

Council Name	Population (ABS 30 June 2006)	Number of individual households	Supplied data	Residual MSW collection	Kerbside recycling	Drop-off recycling facility	Domestic waste to AWT	Domestic Waste Management Charge (DWMC)
Kyogle	9,686	3,533	Y	Y	N	Y	N	\$230.00
Lachlan	6,927	1,836	Y	Y	N	Y	N	\$152.70
Lake Macquarie	191,955	72,504	Y	Y	Y	Y	N	\$227.25
Lane Cove	31,989	12,405	Y	Y	Y	N	N	\$312.00
Leeton	11,742	4,590	Y	Y	N	Y	N	\$144.60
Leichhardt	51,127	24,393	Y	Y	Y	Y	N	\$357.00
Lismore	44,225	13,598	Y	Y	Y	Y	Y	\$166.00
Lithgow	20,650	10,612	Y	Y	Y	Y	N	\$278.00
Liverpool	170,607	57,087	Y	Y	Y	N	N	\$227.00
Liverpool Plains*	7,849	2,480	Y	Y	Y	Y	N	
Lockhart	3,312	3,734	Y	Y	N	Y	N	\$155.55
Maitland	64,793	24,584	Y	Y	Y	Y	N	\$213.25
Manly	39,103	17,700	Y	Y	Y	N	N	\$312.00
Marrickville	75,525	33,963	Y	Y	Y	N	N	\$270.95
Mid-Western	21,983	6,203	Y	Y	Y	Y	N	\$133.92
Moree Plains	14,580	5,906	Y	Y	Y	Y	N	\$232.60
Mosman	27,936	11,045	Y	Y	Y	Y	N	\$533.00
Murray	6,699	4,161	Y	Y	Y	Y	N	\$175.10
Murrumbidgee	2,607	818	Y	Y	N	Y	N	\$100.00
Muswellbrook	15,944	4,679	Y	Y	Y	Y	N	\$247.00
Nambucca	18,633	6,164	Y	Y	Y	Y	Y	\$388.00
Narrabri	13,680	3,900	Y	Y	N	Y	N	\$220.00
Narrandera	6,233	1,984	Y	Y	N	Y	N	\$197.60
Narromine	6,776	2,128	Y	Y	Y	N	N	\$275.00
Newcastle	149,075	57,221	Y	Y	Y	Y	N	\$207.79
North Sydney	62,407	32,160	Y	Y	Y	N	N	\$186.00
Oberon	5,260	1,135	Y	Y	N	Y	N	\$124.00
Orange	37,009	12,886	Y	Y	Y	Y	N	\$189.30
Palerang	12,913	4,585	Y	Y	Y	Y	N	\$387.00
Parkes	14,846	4,677	Y	Y	Y	Y	N	\$180.00
Parramatta	154,158	58,811	Y	Y	Y	N	N	\$232.40
Penrith	176,661	62,403	Y	Y	Y	Y	N	\$243.00
Pittwater	56,619	21,491	Y	Y	Y	Y	N	\$298.00
Port Stephens	63,408	27,437	Y	Y	Y	Y	Y	\$256.00
Queanbeyan	37,885	15,029	Y	Y	Y	Y	N	\$196.00
Randwick	126,877	54,195	Y	Y	Y	Y	N	\$339.70
Richmond Valley	22,172	8,742	Y	Y	N	Y	N	\$221.00
Rockdale	96,640	35,126	Y	Y	Y	Y	N	\$263.00
Ryde	101,283	37,679	Y	Y	Y	N	N	\$272.00
Shellharbour	63,409	22,562	Y	Y	Y	Y	N	\$300.00

Council Name	Population (ABS 30 June 2006)	Number of individual households	Supplied data	Residual MSW collection	Kerbside recycling	Drop-off recycling facility	Domestic waste to AWT	Domestic Waste Management Charge (DWMC)
Shoalhaven	92,196	44,074	Y	Y	Y	Y	N	\$300.00
Singleton	23,005	8,246	Y	Y	Y	Y	N	\$217.00
Snowy River	7,554	4,292	Y	Y	Y	Y	N	\$431.50
Strathfield	33,592	10,981	Y	Y	Y	N	N	\$283.00
Sutherland	212,813	79,379	Y	Y	Y	Y	N	\$249.00
Sydney	164,547	88,943	Y	Y	Y	N	Y	\$504.00
Tamworth Regional	55,899	19,404	Y	Y	Y	Y	N	\$208.00
Temora	6,101	2,895	Y	Y	Y	Y	N	\$130.20
Tenterfield	6,787	3,045	Y	Y	N	Y	N	\$211.50
Tumbarumba	3,692	937	Y	Y	N	Y	N	\$280.00
Tumut	11,260	3,725	Y	Y	Y	Y	N	\$251.30
Tweed	82,955	33,709	Y	Y	Y	Y	N	\$189.00
Upper Hunter	13,609	3,983	Y	Y	Y	Y	N	\$488.00
Upper Lachlan	7,347	5,140	Y	Y	Y	Y	N	\$194.00
Uralla	5,989	1,412	Y	Y	Y	Y	N	\$196.50
Urana Shire	1,305	394	Y	Y	N	Y	N	\$140.00
Wagga Wagga	59,908	23,178	Y	Y	Y	Y	N	\$187.00
Wakool	4,530	1,564	Y	Y	Y	Y	N	\$212.00
Walcha	3,327	1,684	Y	Y	Y	Y	N	\$250.00
Walgett	7,199	2,765	Y	Y	N	Y	N	\$287.35
Warren Shire	2,871	789	Y	Y	N	Y	N	\$158.00
Warringah	139,476	52,201	Y	Y	Y	Y	N	\$142.00
Warrumbungle	10,208	2,808	Y	Y	Y	Y	N	\$243.00
Waverley	64,190	29,510	Y	Y	Y	N	N	\$339.00
Weddin	3,793	1,057	Y	Y	N	Y	N	\$162.00
Wellington	8,406	2,417	Y	Y	N	Y	N	\$177.00
Wentworth	7,086	2,505	Y	Y	N	Y	N	\$170.00
Willoughby	67,434	27,963	Y	Y	Y	N	N	\$286.36
Wingecarribee	44,379	24,457	Y	Y	Y	Y	N	\$263.00
Wollondilly	41,300	13,307	Y	Y	Y	Y	N	\$289.00
Wollongong	194,590	75,478	Y	Y	Y	Y	N	\$125.40
Woollahra	53,667	25,712	Y	Y	Y	N	N	\$260.00
Wyong	142,724	57,746	Y	Y	Y	Y	N	\$265.85
Yass	13,747	3,337	Y	Y	Y	Y	N	\$265.00
Young	12,488	3,255	Y	Y	Y	Y	N	\$172.93

DWMC: Based on average if variable charges occur.

* No data supplied

Appendix 2: Classification of councils, Schedule 1 Protection of the Environment Operations Act

Sydney Metropolitan Area (SMA)	
150	Ashfield
200	Auburn
350	Bankstown
500	Baulkham Hills
750	Blacktown
1100	Botany Bay
1300	Burwood
1450	Camden
1500	Campbelltown
1520	Canada Bay
1550	Canterbury
2850	Fairfield
3950	Holroyd
4000	Hornsby
4100	Hunters Hill
4150	Hurstville
4450	Kogarah
4500	Ku-ring-gai
4700	Lane Cove
4800	Leichhardt
4900	Liverpool
5150	Manly
5200	Marrickville
5350	Mosman
5950	North Sydney
6250	Parramatta
6350	Penrith
6370	Pittwater
6550	Randwick
6650	Rockdale
6700	Ryde
7100	Strathfield
7150	Sutherland
7210	Sydney
8000	Warringah
8050	Waverley
8250	Willoughby
8500	Woollahra

Extended Regional Area (ERA)	
1720	Cessnock
3100	Gosford
3800	Hawkesbury
4400	Kiama
4650	Lake Macquarie
5050	Maitland
5900	Newcastle
6400	Port Stephens
6900	Shellharbour
6950	Shoalhaven
8350	Wingecarribee
8450	Wollongong
Non Regulated Area (NRA)	
60	Albury
110	Armidale Dumaresq
250	Ballina
300	Balranald
470	Bathurst
550	Bega Valley
600	Bellingen
650	Berrigan
800	Bland
850	Blayney
900	Blue Mountains
950	Bogan
1000	Bombala
1050	Boorowa
1150	Bourke
1200	Brewarrina
1250	Broken Hill
1350	Byron
1400	Cabonne
1600	Carrathool
1700	Central Darling
1730	Clarence Valley
1750	Cobar
1800	Coffs Harbour
1860	Conargo
2000	Coolamon
2060	Cooma-Monaro
2150	Coonamble
2200	Cootamundra
2310	Corowa
2350	Cowra
2500	Deniliquin

2600	Dubbo
2700	Dungog
2750	Eurobodalla
2900	Forbes
2950	Gilgandra
3020	Glen Innes Severn
3050	Gloucester
3310	Goulburn Mulwarree
3350	Greater Taree
3370	Greater Hume
3400	Great Lakes
8550	Wyong
8550	Wyong
3450	Griffith City
3500	Gundagai
3550	Gunnedah
3650	Guyra
3660	Gwydir
3700	Harden
3750	Port Macquarie-Hastings
4200	Inverell
4250	Jerilderie
4300	Junee
4350	Kempsey
4550	Kyogle
4600	Lachlan
4750	Leeton
4850	Lismore
4880	Lithgow
4920	Liverpool Plains
4950	Lockhart
5270	Mid-Western
5300	Moree Plains
5500	Murray
5550	Murrumbidgee
5650	Muswellbrook
5700	Nambucca
5750	Narrabri
5800	Narrandera
5850	Narromine
6110	Oberon
6150	Orange
6180	Palerang
6200	Parkes
6470	Queanbeyan
6610	Richmond Valley

7000	Singleton
7050	Snowy River
7310	Tamworth Regional
7350	Temora
7400	Tenterfield
7450	Tumbarumba
7510	Tumut
7550	Tweed
7620	Upper Hunter
7640	Upper Lachlan
7650	Uralla
7700	Urana Shire
7750	Wagga Wagga
7800	Wakool
7850	Walcha
7900	Walgett
7950	Warren Shire
3850	Hay
8020	Warrumbungle
8100	Weddin
8150	Wellington
8200	Wentworth
8400	Wollondilly
8710	Yass
8750	Young

Appendix 3: Recovery rates

ABS	Council name	DLG group no.	Total domestic recovery (kerbside, clean up, drop off) 06-07					Domestic recovery (kerbside only) 06-07				
			Domestic kerbside, clean up, drop-off, dry recyclables and organics tonnes	Domestic kerbside, clean up, drop-off, waste to landfill tonnes	Total domestic waste generated tonnes	Total domestic recovery rate %	Domestic kerbside dry recyclables and organics tonnes	Total domestic kerbside waste to landfill tonnes	Total domestic kerbside waste generated tonnes	Total domestic kerbside recovery rate %		
	NSW		1,318,049	1,943,086	3,261,134	42.9%	950,619	1,516,570	2,467,189	42.9%		
	SMA		685,879	911,302	1,597,181	42.9%	574,357	825,265	1,399,623	41.0%		
150	Ashfield	2	5,343	10,229	15,572	34.3%	5,289	9,335	14,624	36.2%		
200	Auburn	2	7,623	17,498	25,121	30.3%	6,803	16,678	23,481	29.0%		
350	Bankstown	3	34,882	38,664	73,546	47.4%	34,785	35,514	70,299	49.5%		
500	Baulkham Hills	7	16,380	54,828	71,208	23.0%	16,015	49,758	65,773	24.3%		
750	Blacktown	3	65,871	49,400	115,271	57.1%	24,744	44,491	69,235	35.7%		
1100	Botany Bay	2	2,481	10,219	12,700	19.5%	2,481	9,282	11,763	21.1%		
1300	Burwood	2	5,379	7,389	12,768	42.1%	5,379	7,213	12,592	42.7%		
1450	Camden	6	11,724	11,614	23,338	50.2%	11,724	10,677	22,401	52.3%		
1500	Campbelltown	7	29,342	31,712	61,054	48.1%	29,342	28,450	57,792	50.8%		
1520	Canada Bay	2	13,412	15,456	28,868	46.5%	13,412	14,064	27,476	48.8%		
1550	Canterbury	3	21,718	34,445	56,163	38.7%	21,718	31,401	53,119	40.9%		
2850	Fairfield	3	50,336	23,873	74,209	67.8%	10,789	16,863	27,652	39.0%		
3950	Holroyd	3	9,276	30,251	39,527	23.5%	8,204	27,070	35,274	23.3%		
4000	Hornsby	7	34,324	31,652	65,976	52.0%	34,204	28,962	63,166	54.1%		
4100	Hunters Hill	2	2,860	273	3,133	91.3%	1,901	104	2,005	94.8%		
4150	Hurstville	3	12,029	17,877	29,906	40.2%	12,029	16,158	28,187	42.7%		
4450	Kogarah	2	10,356	12,257	22,613	45.8%	10,356	10,691	21,047	49.2%		
4500	Ku-ring-gai	3	34,179	20,882	55,061	62.1%	33,559	19,052	52,611	63.8%		
4700	Lane Cove	2	5,947	12,290	18,237	32.6%	5,947	12,290	18,237	32.6%		
4800	Leichhardt	2	8,786	12,217	21,003	41.8%	8,326	10,416	18,742	44.4%		

4900	Liverpool	7	10,712	55,290	66,002	16.2%	10,712	53,089	63,801	16.8%
5150	Manly	2	7,996	7,922	15,918	50.2%	7,996	7,060	15,056	53.1%
5200	Marrickville	3	11,446	17,560	29,006	39.5%	11,446	16,018	27,464	41.7%
5350	Mosman	2	6,131	6,785	12,916	47.5%	5,636	6,352	11,988	47.0%
5950	North Sydney	2	10,354	12,812	23,166	44.7%	9,359	11,600	20,959	44.7%
6250	Parramatta	3	27,307	37,530	64,837	42.1%	27,307	33,145	60,452	45.2%
6350	Penrith	7	15,500	61,457	76,957	20.1%	15,500	58,915	74,415	20.8%
6370	Pittwater	2	16,647	12,038	28,685	58.0%	9,834	10,891	20,725	47.5%
6550	Randwick	3	18,804	32,271	51,075	36.8%	18,265	29,451	47,716	38.3%
6650	Rockdale	3	14,957	28,820	43,777	34.2%	10,867	24,924	35,791	30.4%
6700	Ryde	3	19,216	23,551	42,767	44.9%	18,684	20,005	38,689	48.3%
7100	Strathfield	2	2,864	8,258	11,122	25.8%	2,864	7,907	10,771	26.6%
7150	Sutherland	3	51,805	56,294	108,099	47.9%	48,649	49,529	98,178	49.6%
7210	Sydney	1	14,224	38,752	52,976	26.9%	14,224	35,167	49,391	28.8%
8000	Warringah	3	34,799	30,671	65,470	53.2%	26,124	26,120	52,244	50.0%
8050	Waverley	2	10,238	14,239	24,477	41.8%	10,238	14,239	24,477	41.8%
8250	Willoughby	2	18,230	11,271	29,501	61.8%	18,210	10,491	28,701	63.4%
8500	Woolahra	2	12,401	12,754	25,155	49.3%	11,435	11,893	23,328	49.0%
ERA			281,095	451,502	732,597	38.4%	186,680	306,762	493,442	37.8%
1720	Cessnock	4	4,019	30,286	34,305	11.7%	3,809	14,286	18,095	21.1%
3100	Gosford	7	41,088	32,207	73,295	56.1%	34,052	32,207	66,259	51.4%
3800	Hawkesbury	6	13,836	27,248	41,084	33.7%	8,998	18,693	27,691	32.5%
4400	Kiama	4	3,953	3,631	7,584	52.1%	3,937	3,525	7,462	52.8%
4650	Lake Macquarie	5	28,908	116,565	145,473	19.9%	17,867	57,374	75,241	23.7%
5050	Maitland	4	6,525	31,225	37,750	17.3%	5,531	19,797	25,328	21.8%
5900	Newcastle	5	16,608	47,236	63,844	26.0%	15,736	45,984	61,720	25.5%
6400	Port Stephens	4	16,730	13,179	29,909	55.9%	4,650	10,679	15,329	30.3%
6900	Shellharbour	4	15,127	21,170	36,297	41.7%	7,305	13,350	20,655	35.4%
6950	Shoalhaven	5	24,693	30,234	54,927	45.0%	10,628	20,869	31,497	33.7%
8350	Wingecarribee	4	15,598	6,508	22,106	70.6%	4,611	5,425	10,036	45.9%
8450	Wollongong	5	47,496	47,124	94,620	50.2%	36,637	36,937	73,574	49.8%
8550	Wyong	7	46,514	44,889	91,403	50.9%	32,919	27,636	60,555	54.4%

Appendix 3: Recovery rates (continued)

ABS	Council name	DLG group no.	Total domestic recovery (kerbside, clean up, drop off) 06-07				Domestic recovery (kerbside only) 06-07			
			Domestic kerbside, clean up, drop-off, dry recyclables and organics tonnes	Domestic kerbside, clean up, drop-off, waste to landfill tonnes	Total domestic waste generated tonnes	Total domestic recovery rate %	Domestic kerbside dry recyclables and organics tonnes	Total domestic kerbside waste to landfill tonnes	Total domestic kerbside waste generated tonnes	Total domestic kerbside recovery rate %
NRA			351,075	580,282	931,357	37.7%	189,582	384,543	574,125	33.0%
60	Albury	4	8,627	11,581	20,208	42.7%	6,333	10,168	16,501	38.4%
110	Armidale Dumaresq	4	10,726	5,623	16,349	65.6%	10,726	5,623	16,349	65.6%
250	Ballina	4	8,210	13,549	21,759	37.7%	947	12,060	13,007	7.3%
300	Bairnald	9	75	50	125	60.0%	0	0	0	0.0%
470	Bathurst	4	802	10,502	11,304	7.1%	748	10,500	11,248	6.7%
550	Bega Valley	4	15,246	13,478	28,724	53.1%	6,080	12,823	18,903	32.2%
600	Bellingen	11	12,338	2,358	14,696	84.0%	1,196	1,508	2,704	44.2%
650	Berrigan	10	895	1,635	2,530	35.4%	789	1,300	2,089	37.8%
800	Bland	10	523	4,466	4,989	10.5%	0	2,618	2,618	0.0%
850	Blayney	10	465	2,664	3,129	14.9%	465	2,664	3,129	14.9%
900	Blue Mountains	7	20,549	22,800	43,349	47.4%	6,611	22,359	28,970	22.8%
950	Bogan	9	0	1,664	1,664	0.0%	0	1,664	1,664	0.0%
1000	Bombala	9	1,833	180	2,013	91.1%	736	125	861	85.5%
1050	Boorowa	9	149	0	149	100.0%	149	0	149	100.0%
1150	Bourke	9	191	2,098	2,289	8.3%	0	998	998	0.0%
1200	Brewarrina	9	2	1,700	1,702	0.1%	0	1,500	1,500	0.0%
1250	Broken Hill	4	6,604	9,932	16,536	39.9%	1,083	6,470	7,553	14.3%
1350	Byron	4	8,195	7,080	15,275	53.6%	3,872	5,161	9,033	42.9%
1400	Cabonne	11	600	4,000	4,600	13.0%	600	2,000	2,600	23.1%
1600	Carrathool	9	160	328	488	32.8%	0	182	182	0.0%
1700	Central Darling	9	50	918	968	5.2%	0	918	918	0.0%

1730	Clarence Valley	4	15,336	15,505	30,841	49.7%	8,490	11,000	19,490	43.6%
1750	Cobar	10	0	3,330	3,330	0.0%	0	1,332	1,332	0.0%
1800	Coffs Harbour	4	23,321	17,835	41,156	56.7%	16,035	11,928	27,963	57.3%
1860	Conargo	8	0	0	0	0.0%	0	0	0	0.0%
2000	Coolamon	9	0	0	0	0.0%	0	0	0	0.0%
2060	Cooma-Monaro	10	1,089	3,110	4,199	25.9%	0	1,910	1,910	0.0%
2150	Coonamble	9	71	1,100	1,171	6.1%	11	1,100	1,111	1.0%
2200	Cootamundra	10	6,186	3,847	10,033	61.7%	581	0	581	100.0%
2310	Corowa	11	1,079	4,376	5,455	19.8%	879	1,876	2,755	31.9%
2350	Cowra	11	865	3,842	4,707	18.4%	777	3,395	4,172	18.6%
2500	Deniliquin	4	358	6,782	7,140	5.0%	0	4,149	4,149	0.0%
2600	Dubbo	4	1,462	15,206	16,668	8.8%	29	12,544	12,573	0.2%
2700	Dungog	10	1,089	1,540	2,629	41.4%	703	1,000	1,703	41.3%
2750	Eurobodalla	4	7,902	5,177	13,079	60.4%	6,467	4,918	11,385	56.8%
2900	Forbes	10	910	6,277	7,187	12.7%	647	2,600	3,247	19.9%
2950	Gilgandra	9	179	1,150	1,329	13.4%	123	800	923	13.3%
3020	Glen Innes Severn	6	1,325	938	2,263	58.6%	1,012	900	1,912	52.9%
3050	Gloucester	9	275	0	275	100.0%	275	0	275	100.0%
3310	Goulburn Mulwarree	4	4,309	8,100	12,409	34.7%	4,309	8,000	12,309	35.0%
3350	Greater Taree	4	3,893	12,531	16,424	23.7%	4,642	10,134	14,776	31.4%
3370	Greater Hume	11	312	3,500	3,812	8.2%	303	1,500	1,803	16.8%
3400	Great Lakes	4	6,149	13,343	19,492	31.5%	2,977	8,087	11,064	26.9%
3450	Griffith City	4	630	9,581	10,211	6.2%	0	9,326	9,326	0.0%
3500	Gundagai	9	289	559	848	34.1%	234	494	728	32.1%
3550	Gunnedah	11	3,325	5,646	8,971	37.1%	1,905	2,771	4,676	40.7%
3650	Guyra	9	482	895	1,377	35.0%	457	845	1,302	35.1%
3660	Gwydir	10	1,129	5,172	6,301	17.9%	571	1,560	2,131	26.8%
3700	Harden	9	207	2,880	3,087	6.7%	0	2,300	2,300	0.0%
3750	Port Macquarie-Hastings	4	31,672	15,291	46,963	67.4%	20,015	0	20,015	100.0%
3850	Hay	9	0	0	0	0.0%	0	0	0	0.0%
4200	Inverell	11	2,397	11,850	14,247	16.8%	2,206	5,800	8,006	27.6%

Appendix 3: Recovery rates (continued)

ABS	Council name	DLG group no.	Total domestic recovery (kerbside, clean up, drop off) 06-07				Domestic recovery (kerbside only) 06-07			
			Domestic kerbside, clean up, drop-off, dry recyclables and organics tonnes	Domestic kerbside, clean up, drop-off, waste to landfill tonnes	Total domestic waste generated tonnes	Total domestic recovery rate %	Domestic kerbside dry recyclables and organics tonnes	Total domestic kerbside waste to landfill tonnes	Total domestic kerbside waste generated tonnes	Total domestic kerbside recovery rate %
4250	Jerrilderie	8	20	832	852	2.3%	0	832	832	0.0%
4300	June	10	468	1,110	1,578	29.7%	468	850	1,318	35.5%
4350	Kempsey	4	2,016	13,195	15,211	13.3%	1,836	9,500	11,336	16.2%
4550	Kyogle	10	184	3,618	3,802	4.8%	0	2,444	2,444	0.0%
4600	Lachlan	10	0	0	0	0.0%	0	0	0	0.0%
4750	Leeton	11	5,000	14,810	19,810	25.2%	0	3,060	3,060	0.0%
4850	Lismore	4	16,543	12,447	28,990	57.1%	7,700	6,248	13,948	55.2%
4880	Lithgow	4	920	10,654	11,574	7.9%	920	4,022	4,942	18.6%
4920	Liverpool Plains	10	902	0	902	100.0%	282	2,259	2,541	11.1%
4950	Lockhart	9	0	5,843	5,843	0.0%	0	520	520	0.0%
5270	Mid-Western	4	2,820	9,022	11,842	23.8%	1,890	4,980	6,870	27.5%
5300	Moree Plains	11	2,082	2,893	4,975	41.8%	956	2,584	3,540	27.0%
5500	Murray	10	339	2,555	2,894	11.7%	339	2,055	2,394	14.2%
5550	Murrumbidgee	9	15	1,400	1,415	1.1%	0	1,000	1,000	0.0%
5650	Muswellbrook	11	2,420	4,075	6,495	37.3%	2,091	2,700	4,791	43.6%
5700	Nambucca	11	4,373	11,701	16,074	27.2%	1,525	8,303	9,828	15.5%
5750	Narrabri	11	1,589	2,000	3,589	44.3%	1,589	0	1,589	100.0%
5800	Narrandera	10	0	936	936	0.0%	0	936	936	0.0%
5850	Narramine	10	715	2,100	2,815	25.4%	715	2,100	2,815	25.4%
6110	Oberon	10	243	2,800	3,043	8.0%	0	1,000	1,000	0.0%
6150	Orange	4	8,983	14,177	23,160	38.8%	3,378	12,023	15,401	21.9%
6180	Paerang	11	700	2,800	3,500	20.0%	570	0	570	100.0%

6200	Parkes	11	864	0	864	100.0%	861	0	861	100.0%
6470	Queanbeyan	4	9,578	7,404	16,982	56.4%	6,302	6,978	13,280	47.5%
6610	Richmond Valley	4	1,829	10,051	11,880	15.4%	0	5,262	5,262	0.0%
7000	Singleton	4	3,028	27,751	30,779	9.8%	1,854	5,345	7,199	25.8%
7050	Snowy River	10	1,196	2,717	3,913	30.6%	226	2,175	2,401	9.4%
7310	Tamworth Regional	4	20,071	21,174	41,245	48.7%	5,531	13,474	19,005	29.1%
7350	Temora	10	688	3,370	4,058	17.0%	70	1,638	1,708	4.1%
7400	Tenterfield	10	562	4,006	4,568	12.3%	0	1,350	1,350	0.0%
7450	Tumbarumba	9	0	3,350	3,350	0.0%	0	750	750	0.0%
7510	Turnut	11	1,340	3,890	5,230	25.6%	1,290	2,890	4,180	30.9%
7550	Tweed	5	17,124	29,790	46,914	36.5%	8,791	25,460	34,251	25.7%
7620	Upper Hunter	11	0	0	0	0.0%	0	0	0	0.0%
7640	Upper Lachlan	10	199	0	199	100.0%	30	0	30	100.0%
7650	Uralla	10	1,397	2,676	4,073	34.3%	798	1,755	2,553	31.3%
7700	Urana Shire	8	63	741	804	7.8%	0	1,980	1,980	0.0%
7750	Wagga Wagga	4	16,023	12,116	28,139	56.9%	16,023	10,360	26,383	60.7%
7800	Wakool	9	344	1,300	1,644	20.9%	297	800	1,097	27.1%
7850	Walcha	9	769	979	1,748	44.0%	203	504	707	28.7%
7900	Walgett	10	500	3,650	4,150	12.1%	0	2,900	2,900	0.0%
7950	Warren Shire	9	75	1,500	1,575	4.8%	0	1,500	1,500	0.0%
8020	Warrumbungle	11	1,245	7,250	8,495	14.7%	1,111	5,200	6,311	17.6%
8100	Weddin	9	150	0	150	100.0%	0	0	0	0.0%
8150	Wellington	10	900	3,350	4,250	21.2%	0	2,500	2,500	0.0%
8200	Wentworth	10	0	590	590	0.0%	0	580	580	0.0%
8400	Wollondilly	6	7,340	8,932	16,272	45.1%	6,222	8,162	14,384	43.3%
8710	Yass	11	1,114	4,300	5,414	20.6%	739	1,300	2,039	36.2%
8750	Young	11	1,862	4,458	6,320	29.5%	991	3,354	4,345	22.8%

Appendix 4: Household yield by council

ABS	Council name	DLG group no.	Kerbside dry recycling kg/hh/wk	Kerbside dry recycling kg/ca/wk	Kerbside residual waste kg/hh/wk	Kerbside residual waste kg/ca/wk
	NSW		5.30	2.04	11.46	4.27
60	Albury	4	4.26	1.77	9.69	4.02
110	Armidale Dumaresq	4	6.11	2.14	12.61	4.41
150	Ashfield	2	5.49	1.99	11.99	4.35
200	Auburn	2	5.10	1.62	15.03	4.71
250	Ballina	4	1.14	0.45	14.49	5.76
300	Balranald ¹	9	0.00	0.00	0.00	0.00
350	Bankstown	3	5.99	1.88	12.30	3.86
470	Bathurst	4	4.66	2.02	15.90	5.38
500	Baulkham Hills	7	5.24	1.86	16.29	5.77
550	Bega Valley	4	5.51	2.42	17.31	7.60
600	Bellingen	11	6.08	1.77	7.67	2.23
650	Berrigan	10	5.94	2.55	9.79	3.00
750	Blacktown	3	5.23	1.74	9.21	3.06
800	Bland	10	0.00	0.00	31.43	7.94
850	Blayney	10	5.06	1.30	28.99	7.43
900	Blue Mountains	7	4.06	1.82	13.75	5.65
950	Bogan	9	0.00	0.00	36.61	10.69
1000	Bombala	9	18.01	6.17	3.06	0.91
1050	Boorowa ¹	9	4.65	3.37	0.00	0.00
1100	Botany Bay	2	2.75	0.97	13.41	4.75
1150	Bourke	9	0.00	0.00	18.31	5.97
1200	Brewarrina	9	0.00	0.00	52.93	14.44
1250	Broken Hill	4	0.00	0.00	13.25	6.18
1300	Burwood	2	6.89	2.27	13.02	4.30
1350	Byron	4	6.66	2.60	8.87	3.24
1400	Cabonne	11	4.74	0.89	15.79	2.98
1450	Camden	6	6.61	2.33	11.74	4.03
1500	Campbelltown	7	5.65	2.10	10.86	3.72
1520	Canada Bay	2	5.96	2.57	9.09	3.93
1750	Cobar	10	0.00	0.00	15.69	5.01
1800	Coffs Harbour	4	9.15	3.67	8.83	3.37
1860	Conargo ³	8	0.00	0.00	0.00	0.00
2000	Coolamon ¹	9	0.00	0.00	0.00	0.00
2060	Cooma-Monaro	10	0.00	0.00	13.17	3.61
2150	Coonamble	9	1.05	0.35	14.81	4.87
2200	Cootamundra	10	3.74	1.63	0.00	0.00
2310	Corowa	11	4.00	1.93	8.53	3.15
2350	Cowra	11	4.40	1.35	19.23	5.01

ABS	Council name	DLG group no.	Kerbside dry recycling kg/hh/wk	Kerbside dry recycling kg/ca/wk	Kerbside residual waste kg/hh/wk	Kerbside residual waste kg/ca/wk
	NSW		5.30	2.04	11.46	4.27
2500	Deniliquin	4	0.00	0.00	28.04	10.34
2600	Dubbo	4	1.45	0.53	18.23	6.11
2700	Dungog	10	4.45	1.88	6.31	2.28
2750	Eurobodalla	4	4.33	2.65	4.81	2.58
2850	Fairfield	3	3.56	1.11	5.57	1.74
2900	Forbes	10	4.61	1.51	18.52	5.13
2950	Gilgandra	9	2.29	0.82	14.86	3.27
3020	Glen Innes Severn	6	7.37	2.42	5.80	1.90
3050	Gloucester ¹	9	3.40	1.24	0.00	0.00
3100	Gosford	7	4.90	2.07	9.04	3.82
3310	Goulburn Mulwarree	4	6.93	3.04	12.86	5.64
3350	Greater Taree	4	4.53	2.79	9.89	4.15
3370	Greater Hume	11	13.78	3.00	13.03	2.84
3400	Great Lakes	4	4.31	1.86	10.86	4.58
3450	Griffith City	4	0.00	0.00	24.90	7.21
3500	Gundagai	9	5.33	1.60	11.26	2.47
3550	Gunnedah	11	6.38	2.45	12.85	4.45
3650	Guyra	9	7.88	2.00	14.59	3.69
3660	Gwydir	10	8.57	2.07	23.40	5.44
3700	Harden	9	0.00	0.00	44.14	11.87
3750	Port Macquarie-Hastings	4	6.05	2.85	0.00	0.00
3800	Hawkesbury	6	7.89	3.01	16.40	5.80
3850	Hay ¹	9	0.00	0.00	0.00	0.00
3950	Holroyd	3	5.15	1.70	16.98	5.59
4000	Hornsby	7	7.21	2.43	10.81	3.54
4100	Hunters Hill	2	6.27	2.13	0.42	0.14
4150	Hurstville	3	4.59	1.74	10.84	4.04
4200	Inverell	11	8.54	3.94	22.46	6.91
4250	Jerilderie	8	0.00	0.00	44.82	9.35
4300	Junee	10	4.85	1.65	8.80	2.70
4350	Kempsey	4	3.52	1.50	18.21	6.42
4400	Kiama	4	5.39	2.18	8.48	3.39
4450	Kogarah	2	5.86	2.20	9.93	3.73
4500	Ku-ring-gai	3	9.34	3.28	9.85	3.46
4550	Kyogle	10	0.00	0.00	24.49	4.85
4600	Lachlan ¹	10	0.00	0.00	0.00	0.00
4650	Lake Macquarie	5	4.74	1.79	15.22	5.75

Appendix 4: Household yield by council (continued)

ABS	Council name	DLG group no.	Kerbside dry recycling kg/hh/wk	Kerbside dry recycling kg/ca/wk	Kerbside residual waste kg/hh/wk	Kerbside residual waste kg/ca/wk
	NSW		5.30	2.04	11.46	4.27
4700	Lane Cove	2	6.80	2.64	19.05	7.39
4750	Leeton	11	0.00	0.00	16.39	5.01
4800	Leichhardt	2	5.70	2.72	8.21	3.92
4850	Lismore	4	0.00	0.00	8.84	2.72
4880	Lithgow	4	2.39	1.23	10.44	3.75
4900	Liverpool	7	4.21	1.41	17.88	5.98
4920	Liverpool Plains	10	2.42	0.76	17.52	5.53
4950	Lockhart	9	0.00	0.00	2.68	3.02
5050	Maitland	4	4.47	1.70	16.01	5.88
5150	Manly	2	6.96	3.15	7.67	3.47
5200	Marrickville	3	4.98	2.24	9.07	4.08
5270	Mid-Western	4	7.30	2.06	15.44	4.36
5300	Moree Plains	11	3.11	1.26	8.41	3.41
5350	Mosman	2	7.93	3.13	11.06	4.37
5500	Murray	10	3.25	2.02	14.44	5.90
5550	Murrumbidgee	9	0.00	0.00	23.51	7.38
5650	Muswellbrook	11	5.20	1.52	11.01	3.26
5700	Nambucca	11	4.76	1.57	25.90	8.57
5750	Narrabri ¹	11	7.83	2.23	0.00	0.00
5800	Narrandera	10	0.00	0.00	8.72	2.89
5850	Narromine	10	6.84	2.15	20.10	5.96
5900	Newcastle	5	5.29	2.03	15.45	5.93
5950	North Sydney	2	4.90	2.52	6.94	3.57
6110	Oberon	10	0.00	0.00	16.94	3.66
6150	Orange	4	5.04	1.76	17.94	6.25
6180	Palerang ¹	11	7.01	2.49	0.00	0.00
6200	Parkes ¹	11	3.54	1.12	0.00	0.00
6250	Parramatta	3	5.92	2.26	11.21	4.13
6350	Penrith	7	4.78	1.69	18.16	6.41
6370	Pittwater	2	8.82	3.35	10.05	3.70
6400	Port Stephens	4	3.26	1.41	7.48	3.24
6470	Queanbeyan	4	4.68	1.86	9.24	3.54
6550	Randwick	3	4.68	2.00	10.45	4.46
6610	Richmond Valley	4	0.00	0.00	16.22	4.56
6650	Rockdale	3	5.95	2.16	13.65	4.96
6700	Ryde	3	5.37	2.00	10.22	3.80
6900	Shellharbour	4	4.66	1.66	11.38	4.05
6950	Shoalhaven	5	4.51	2.16	9.11	4.35
7000	Singleton	4	4.71	1.69	13.58	4.47
7050	Snowy River	10	1.89	1.07	18.15	5.54

ABS	Council name	DLG group no.	Kerbside dry recycling kg/hh/wk	Kerbside dry recycling kg/ca/wk	Kerbside residual waste kg/hh/wk	Kerbside residual waste kg/ca/wk
	NSW		5.30	2.04	11.46	4.27
7100	Strathfield	2	4.75	1.55	13.85	4.53
7150	Sutherland	3	6.78	2.53	12.00	4.48
7210	Sydney	1	3.04	1.64	7.63	4.11
7310	Tamworth Regional	4	3.88	1.35	13.35	4.64
7350	Temora	10	0.64	0.30	13.24	5.16
7400	Tenterfield	10	0.00	0.00	14.19	3.83
7450	Tumbarumba	9	0.00	0.00	15.39	3.91
7510	Tumut	11	6.66	2.20	15.88	4.94
7550	Tweed	5	5.15	2.09	16.79	5.90
7620	Upper Hunter ¹	11	0.00	0.00	0.00	0.00
7640	Upper Lachlan ¹	10	0.11	0.08	0.00	0.00
7650	Uralla	10	10.90	2.57	33.82	5.64
7700	Urana Shire	8	0.00	0.00	96.64	29.18
7750	Wagga Wagga	4	8.64	3.34	9.47	3.33
7800	Wakool	9	5.18	1.79	13.92	3.40
7850	Walcha	9	5.64	2.86	14.01	2.91
7900	Walgett	10	0.00	0.00	28.73	7.75
7950	Warren Shire	9	0.00	0.00	36.56	10.05
8000	Warringah	3	6.80	2.55	9.62	3.60
8020	Warrumbungle	11	7.61	2.09	5.37	1.48
8050	Waverley	2	6.14	2.82	9.28	4.27
8100	Weddin ¹	9	0.00	0.00	0.00	0.00
8150	Wellington	10	0.00	0.00	19.89	5.72
8200	Wentworth	10	0.00	0.00	4.45	1.57
8250	Willoughby	2	8.69	3.60	7.21	2.99
8350	Wingecarribee	4	5.44	3.00	6.40	2.35
8400	Wollondilly	6	5.03	1.62	11.80	3.80
8450	Wollongong	5	4.56	1.77	9.41	3.65
8500	Woolahra	2	6.43	3.08	8.90	4.26
8550	Wyong	7	4.67	1.89	9.20	3.72
8710	Yass	11	4.26	1.03	7.49	1.82
8750	Young	11	5.90	1.54	19.82	5.16

Figures based on kerbside collection with a kerbside service

¹ No kerbside waste data reported

² No kerbside recycling data reported

³ No kerbside services

Appendix 5: Charges, costs and per capita

ABS	Council name	Region	DLG group no.	06-07	06-07	06-07
				Total domestic waste management charges	Recyclables – kgs/ capita / annum	Domestic waste – kgs/ capita / annum
				\$	kg/ca/yr	kg/ca/yr
7210	Sydney	S	1	\$252.00	86.44	235.51
150	Ashfield	S	2	\$154.00	129.34	247.62
200	Auburn	S	2	\$245.90	111.93	256.93
1100	Botany Bay	S	2	\$269.00	66.01	271.88
1300	Burwood	S	2	\$260.00	166.66	228.93
1520	Canada Bay	S	2	\$230.00	194.71	224.38
4100	Hunters Hill	S	2	\$355.66	214.19	140.22
4450	Kogarah	S	2	\$267.28	187.88	222.37
4700	Lane Cove	S	2	\$312.00	185.90	384.19
4800	Leichhardt	S	2	\$357.00	171.85	238.95
5150	Manly	S	2	\$312.00	204.49	202.59
5350	Mosman	S	2	\$277.00	219.45	242.88
5950	North Sydney	S	2	\$186.00	165.91	205.30
6370	Pittwater	S	2	\$298.00	294.03	212.61
7100	Strathfield	S	2	\$283.00	85.26	245.83
8050	Waverley	S	2	\$339.00	159.50	221.83
8250	Willoughby	S	2	\$286.36	270.34	167.14
8500	Woollahra	S	2	\$260.00	231.07	237.65
350	Bankstown	S	3	\$270.00	197.28	218.67
750	Blacktown	S	3	\$230.00	235.46	176.58
1550	Canterbury	S	3	\$264.00	159.65	253.21
2850	Fairfield	S	3	\$279.48	270.02	128.06
3950	Holroyd	S	3	\$220.40	99.69	325.10
4150	Hurstville	S	3	\$247.70	156.40	232.43
4500	Ku-ring-gai	S	3	\$250.00	322.35	196.95
5200	Marrickville	S	3	\$270.95	151.55	232.51
6250	Parramatta	S	3	\$232.40	177.14	243.45
6550	Randwick	S	3	\$339.70	148.21	254.35
6650	Rockdale	S	3	\$263.00	154.77	298.22
6700	Ryde	S	3	\$272.00	189.73	232.53
7150	Sutherland	S	3	\$249.00	243.43	264.52
8000	Warringah	S	3	\$142.00	249.50	219.90
60	Albury	N	4	\$115.00	177.40	238.15
110	Armidale Dumaresq	N	4	\$206.00	437.21	229.20
250	Ballina	R	4	\$187.00	203.89	336.49
470	Bathurst	N	4	\$143.00	21.37	279.74

ABS	Council name	Region	DLG group no.	06-07	06-07	06-07
				Total domestic waste management charges	Recyclables – kgs/ capita / annum	Domestic waste – kgs/ capita / annum
				\$	kg/ca/yr	kg/ca/yr
550	Bega Valley	N	4	\$146.12	470.14	415.62
1250	Broken Hill	N	4	\$135.00	327.92	493.17
1350	Byron	R	4	\$156.00	267.50	231.11
1720	Cessnock	E	4	\$239.00	83.27	627.49
1730	Clarence Valley	R	4	\$187.00	305.85	309.22
1800	Coffs Harbour	R	4	\$290.00	342.84	262.20
2500	Deniliquin	N	4	\$244.00	46.40	879.07
2600	Dubbo	N	4	\$124.00	37.01	384.97
2750	Eurobodalla	N	4	\$214.55	215.93	141.47
3310	Goulburn Mulwarree	N	4	\$186.50	157.97	296.95
3350	Greater Taree	R	4	\$202.28	82.87	266.74
3400	Great Lakes	R	4	\$170.00	180.95	392.65
3450	Griffith City	N	4	\$160.00	25.33	385.29
3750	Port Macquarie - Hastings	R	4	\$337.00	443.54	214.14
4350	Kempsey	R	4	\$198.50	70.80	463.41
4400	Kiama	E	4	\$340.60	197.91	181.80
4850	Lismore	R	4	\$166.00	374.06	281.45
4880	Lithgow	N	4	\$278.00	44.55	515.93
5050	Maitland	E	4	\$213.25	100.71	481.92
5270	Mid-Western	N	4	\$133.92	128.26	410.41
6150	Orange	N	4	\$189.30	242.72	383.07
6400	Port Stephens	E	4	\$256.00	263.85	207.84
6470	Queanbeyan	N	4	\$196.00	252.82	195.43
6610	Richmond Valley	R	4	\$221.00	82.49	453.32
6900	Shellharbour	E	4	\$0.00	238.56	333.86
7000	Singleton	R	4	\$217.00	131.62	1,206.30
7310	Tamworth Regional	N	4	\$208.00	359.06	378.79
7750	Wagga Wagga	N	4	\$187.00	267.46	202.24
8350	Wingecarribee	E	4	\$263.00	351.48	146.65
4650	Lake Macquarie	E	5	\$227.25	150.60	607.25
5900	Newcastle	E	5	\$207.79	111.41	316.86
6950	Shoalhaven	E	5	\$300.00	267.83	327.93
7550	Tweed	R	5	\$189.00	206.43	359.11
8450	Wollongong	E	5	\$210.00	244.08	242.17
1450	Camden	S	6	\$375.00	230.10	227.95

Appendix 5: Charges, costs and per capita (continued)

ABS	Council name	Region	DLG group no.	06-07	06-07	06-07
				Total domestic waste management charges	Recyclables – kgs/ capita / annum	Domestic waste – kgs/ capita / annum
				\$	kg/ca/yr	kg/ca/yr
3020	Glen Innes Severn	N	6	\$205.00	145.70	103.13
3800	Hawkesbury	E	6	\$259.30	223.05	439.26
8400	Wollondilly	R	6	\$289.00	177.72	216.27
500	Baulkham Hills	S	7	\$270.00	98.71	330.43
900	Blue Mountains	R	7	\$224.00	270.10	299.68
1500	Campbelltown	S	7	\$193.45	199.37	215.47
3100	Gosford	E	7	\$265.60	253.60	198.79
4000	Hornsby	S	7	\$253.00	218.09	201.11
4900	Liverpool	S	7	\$227.00	62.79	324.08
6350	Penrith	S	7	\$243.00	87.74	347.88
8550	Wyong	E	7	\$265.85	325.90	314.52
1860	Conargo	N	8	\$0.00	0.00	0.00
4250	Jerilderie	N	8	\$145.00	11.69	486.27
7700	Urana Shire	N	8	\$140.00	48.28	1,518.01
300	Balranald	N	9	\$217.00	29.46	19.64
950	Bogan	N	9	\$122.16	0.00	555.78
1000	Bombala	N	9	\$193.00	693.01	68.05
1050	Boorowa	N	9	\$170.00	62.34	0.00
1150	Bourke	N	9	\$195.00	59.37	652.16
1200	Brewarrina	N	9	\$256.00	1.00	850.85
1600	Carrathool	N	9	\$92.70	54.96	112.68
1700	Central Darling	N	9	\$270.00	24.90	457.17
2000	Coolamon	N	9	\$165.00	0.00	0.00
2150	Coonamble	N	9	\$237.00	16.35	253.34
2950	Gilgandra	N	9	\$276.00	37.96	244.58
3050	Gloucester	R	9	\$210.60	55.17	0.00
3500	Gundagai	N	9	\$236.50	75.05	145.16
3650	Guyra	N	9	\$393.80	109.44	203.32
3700	Harden	N	9	\$230.00	55.57	773.15
3850	Hay	N	9	\$92.00	0.00	0.00
4950	Lockhart	N	9	\$155.55	0.00	1,764.19
5550	Murrumbidgee	N	9	\$100.00	5.75	537.02
7450	Tumbarumba	N	9	\$280.00	0.00	907.37
7800	Wakool	N	9	\$212.00	76.02	286.98
7850	Walcha	N	9	\$250.00	231.14	294.26
7950	Warren Shire	N	9	\$158.00	26.12	522.47

ABS	Council name	Region	DLG group no.	06-07	06-07	06-07
				Total domestic waste management charges	Recyclables – kgs/ capita / annum	Domestic waste – kgs/ capita / annum
				\$	kg/ca/yr	kg/ca/yr
8100	Weddin	N	9	\$162.00	39.55	0.00
650	Berrigan	N	10	\$178.00	107.35	196.11
800	Bland	N	10	\$225.00	82.45	704.08
850	Blayney	N	10	\$166.60	67.48	386.59
1750	Cobar	N	10	\$160.00	0.00	651.41
2060	Cooma-Monaro	N	10	\$210.00	107.12	305.92
2200	Cootamundra	N	10	\$228.80	814.33	506.38
2700	Dungog	R	10	\$220.50	129.15	182.64
2900	Forbes	N	10	\$221.35	93.29	643.46
3660	Gwydir	N	10	\$160.45	204.71	937.64
4300	Junee	N	10	\$205.00	77.36	183.47
4550	Kyogle	R	10	\$230.00	19.00	373.53
4600	Lachlan	N	10	\$152.70	0.00	0.00
4920	Liverpool Plains	N	10	\$0.00	114.92	297.36
5500	Murray	N	10	\$175.10	50.60	381.40
5800	Narrandera	N	10	\$197.60	0.00	150.17
5850	Narromine	N	10	\$275.00	105.52	309.92
6110	Oberon	N	10	\$124.00	46.20	532.32
7050	Snowy River	N	10	\$431.50	158.33	359.68
7350	Temora	N	10	\$130.20	112.77	552.37
7400	Tenterfield	N	10	\$211.50	82.81	590.25
7640	Upper Lachlan	N	10	\$194.00	27.13	0.00
7650	Uralla	N	10	\$196.50	233.23	446.82
7900	Walgett	N	10	\$287.35	69.45	507.01
8150	Wellington	N	10	\$177.00	107.07	398.52
8200	Wentworth	N	10	\$170.00	0.00	83.26
600	Bellingen	R	11	\$308.00	950.17	181.59
1400	Cabonne	N	11	\$248.40	46.49	309.91
2310	Corowa	N	11	\$200.00	94.20	382.05
2350	Cowra	N	11	\$332.00	66.39	294.97
3370	Greater Hume	N	11	\$170.00	30.69	344.25
3550	Gunnedah	N	11	\$190.00	277.86	471.84
4200	Inverell	N	11	\$237.00	148.41	733.66
4750	Leeton	N	11	\$144.60	425.82	1,261.28
5300	Moree Plains	N	11	\$232.60	142.80	198.42
5650	Muswellbrook	R	11	\$247.00	151.78	255.58

Appendix 5: Charges, costs and per capita (continued)

ABS	Council name	Region	DLG group no.	06-07	06-07	06-07
				Total domestic waste management charges	Recyclables – kgs/ capita / annum	Domestic waste – kgs/ capita / annum
				\$	kg/ca/yr	kg/ca/yr
5700	Nambucca	R	11	\$388.00	234.71	627.97
5750	Narrabri	N	11	\$220.00	116.13	146.20
6180	Palerang	N	11	\$387.00	54.21	216.84
6200	Parkes	N	11	\$180.00	58.19	0.00
7510	Tumut	N	11	\$251.30	119.01	345.47
7620	Upper Hunter	R	11	\$488.00	0.00	0.00
8020	Warrumbungle	N	11	\$243.00	121.99	710.23
8710	Yass	N	11	\$265.00	81.04	312.80
8750	Young	N	11	\$172.93	149.10	356.98

Sydney Metro Area	S
Extended Regulated Area	E
Non Regulated Area	N
Regional Regulated Area	R

