

NSW Local government waste and resource recovery data report as reported by councils

2007–2008

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DECCW 2011/0059
ISBN 978 1 74232 983 3

Published February 2011

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Contents

Background	6
Dry recyclables collected at the kerbside	8
Environmental Benefits	12
Garden organics collected at the kerbside	13
Residual waste collected at the kerbside; taken to landfill and AWT	17
Domestic waste management charges	22
Alternative Waste Treatment (AWT)	22
Kerbside Clean up Service	24
Drop off facilities provided by councils	25
Recovery rates	26
Glossary	31
Appendix 1: Councils and their waste and resource recovery services	33
Appendix 2: Recovery rates	37
Appendix 3: Domestic recycling by household and capita 2007/08	44
Appendix 4: Domestic waste charges and weekly yield per household and capita	48

Executive summary 2007–2008

This is the third in a series of annual reports the Department of Environment, Climate Change and Water NSW (DECCW) has published, outlining the performance of local government councils' kerbside and drop-off waste, recycling and resource recovery services in NSW.

Both the 2005–06 and 2006–07 reports detail information on dry recyclables, organics, residual waste, clean up, hard waste collections and drop off facilities throughout NSW. These reports were published together and with the addition of 2007–08 data it is now possible to report trends.

In general:

- Collection tonnages have increased in all recycling categories, Figure 1.
- Dry recyclables collected at the kerbside have increased since 2000–01 by 240,000 tonnes, a 53% increase. Increases have been relatively constant each year.
- Household organics collections have tended to fluctuate each year since 2000–01 however there has been an overall increase of 149,000 tonnes collected, a 76% increase since 2000–01.
- Residual waste disposed to landfill has decreased over the 3 year period in relation to population and household increases.
- NSW domestic recovery rate has increased from 37.8% in 2005–06 to 43.2% in 2007–08.
- Despite an overall increase in population and household numbers across the state there has been a steady decline in the average weekly amount of household waste disposed to landfill whilst at the same time a steady increase in the overall per household recycling and garden organics collected, Figure 2.

Table 1: Domestic recovery rates 2005–06 to 2007–08

Recovery rate	2005–06	2006–07	2007–08
NSW	37.8%	40.8%	43.2%

Figure 1: Tonnes of waste collected at the kerbside 2005–06 to 2007–08

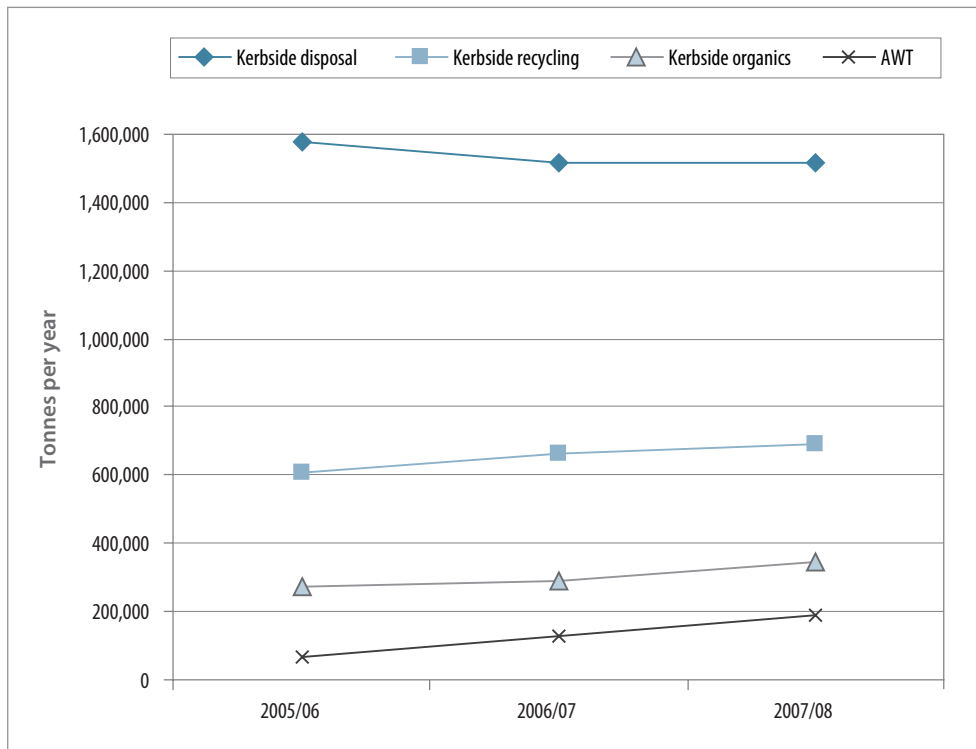
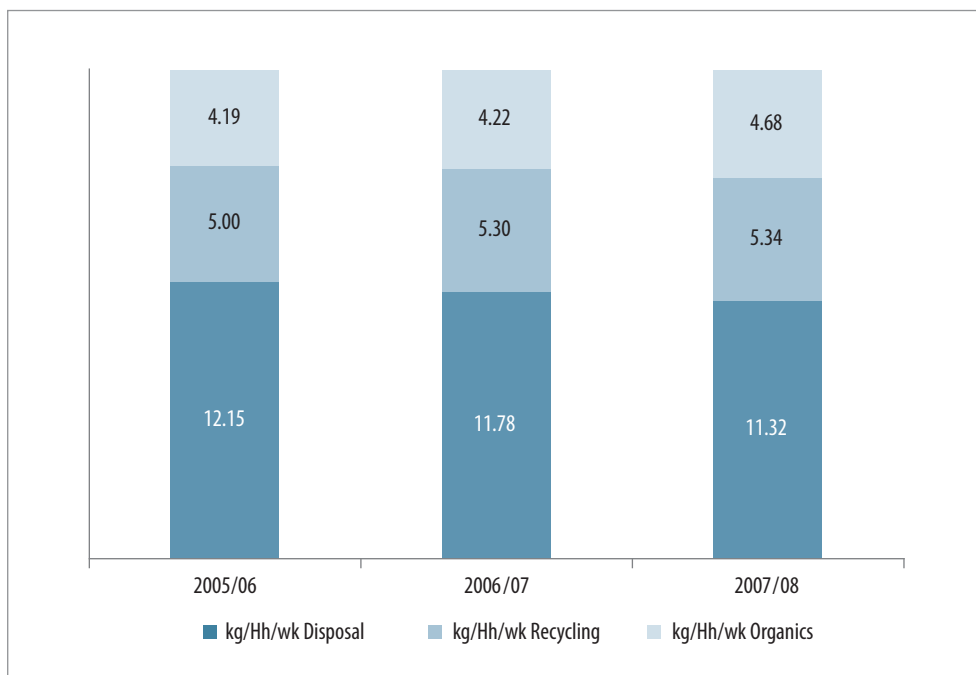


Figure 2: Household kerbside collection generation trends



Overall this trend of declining waste disposal and increasing dry and garden organics recycling, along with increased recovery of waste through an AWT has led to an increase in the kerbside recovery percentage increase from 37.5% in 2005–06, to 44.7% in 2007–08 for regular kerbside collection services.

Kerbside recovery only includes households with an actual waste and dry recycling and organics service.

Background

In August 2008 the Department of Environment and Climate Change NSW (DECC) surveyed all NSW local government councils to determine the 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 Materials¹ in addition to information relating to 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. The DECC 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*².

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 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; reducing litter and illegal dumping. The Strategy identifies a target for the municipal waste stream which aims to increase the diversion rate from 26% in 2000 to 66% by 2014.

This publication contains data relating to the 2007–2008 survey as reported by Councils.

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.
- **Organics collection**
This section contains information relating to kerbside organics collection services provided by councils.

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

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

- **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 and available services. Average waste generation rates per household and per capita have also been developed to compare data at an individual level, particularly with the targets set for the state.

The population figures that have been used for per capita calculations are derived from the Australian Bureau of Statistics (ABS) population estimates³. The population figures used are from, and refer to, population projections as at 30 June 2007. 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.

The environmental benefits of recycling have been quantified for the materials recycled in NSW during 2007–08 using DECC's *Environmental Benefits of Recycling Calculator*⁴. 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.

The council region classifications used within this report are based on the designations used in Schedule 1 of the *Protection of the Environment Operations Act 1997*.

DECC acknowledges the cooperation and contribution of all NSW councils in providing the data presented within this report. Please note that the information within this report is dependent on the accuracy of data supplied by councils in the 2007–08 survey. While DECC has made an effort to verify the information supplied by councils wherever possible, the DECC is not in a position to validate the raw data that forms the basis of this report.

3 ABS Cat No. 3218.0.55.001 Regional Population Growth, Australia_companion data

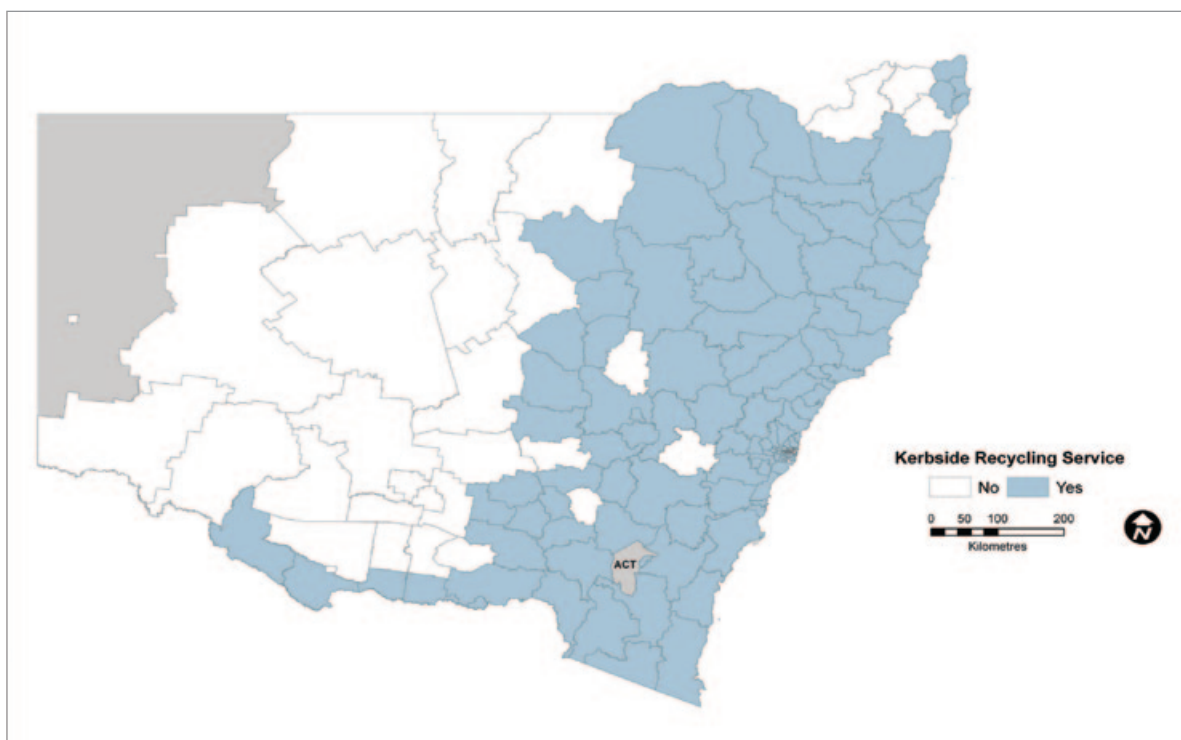
4 The calculator can be downloaded from the DECCW website: www.environment.nsw.gov.au

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 and that the quality of data may vary.

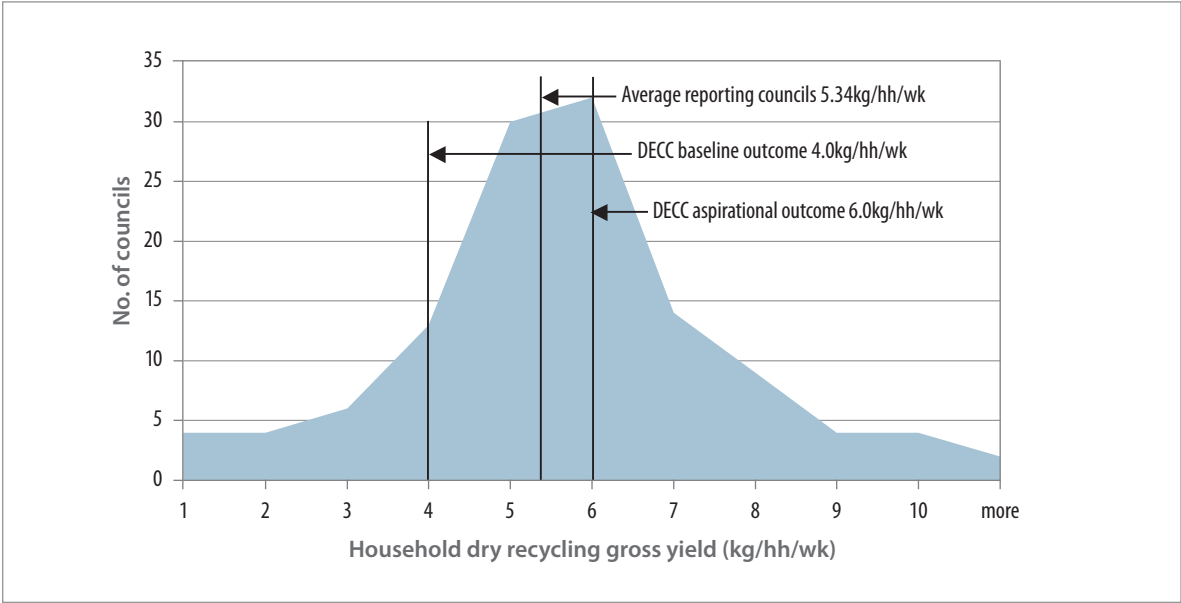
In NSW 122 councils provided a kerbside recycling service, reaching 94% of households and over 97% of the population (Figure 3). The availability of kerbside recycling to households varied across NSW with kerbside recycling services provided to 99% of households in the Sydney Metropolitan Area (SMA) and Extended Regulatory Area (ERA), and 80% in the rest of the state.

Figure 3: NSW councils providing kerbside recycling collection services



An average of 278kg of dry recyclables was collected per household with a recycling service in 2007–08. On a weekly basis this equates to an average of 5.34kg per household or 1.98kg per person. Of the 122 councils in NSW that provided a kerbside recycling service, 27 had an average weekly yield of less than 4 kg per household per week, and 33 councils had an average weekly yield in excess of 6 kg per household per week (Figure 4).

Figure 4: Average household dry recyclables yield across local government areas



In 2007–08 there were 10 different dry recycling collection systems used by NSW councils (Table 2). The most common dry recycling collection system provided by councils was a fully commingled 240L MGB. In 2007–08, 79 councils used this system.

DECC’s preferred collection systems for dry recyclables (240L fully commingled MGB or dual 120L MGBs for paper and containers) was used by 80 councils. These are geographically spread across the SMA, ERA and the rest of the state and together service 70 % of households with a kerbside collection service.

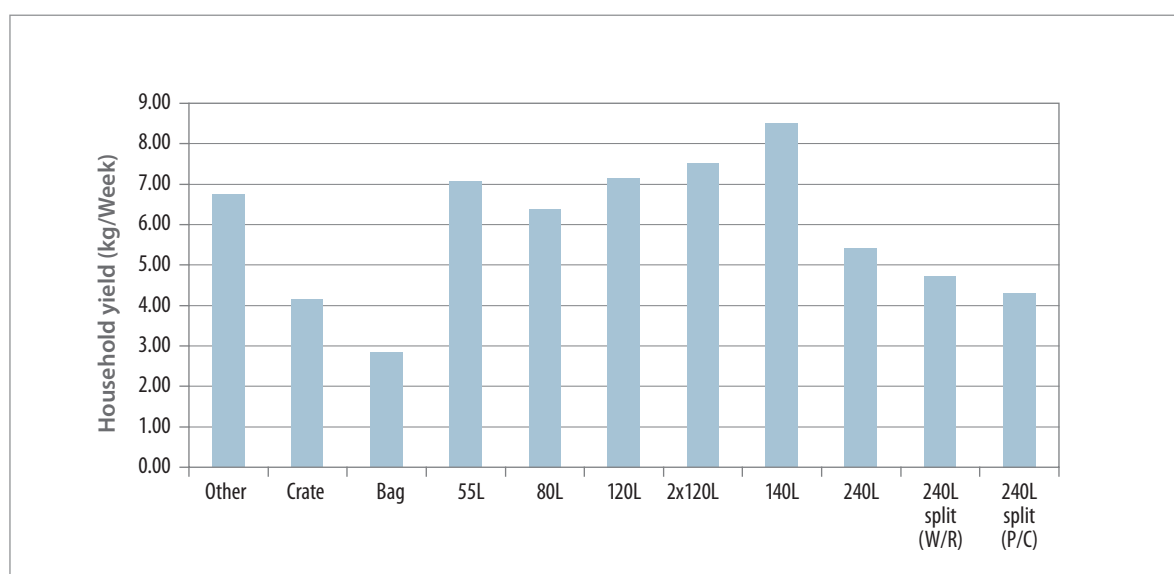
The adoption of standardised collection systems facilitates education and improved understanding and use of recycling systems by residents.

Table 2: Average annual household dry recyclables yield by collection system

Collection system	SMA	ERA	Rest of the state	No. of councils	Household gross yield (kg/hh/yr)	Household gross yield (kg/hh/wk)
240L MGB	24	10	45	79	281	5.41
240L MGB split paper/ comingled	1	3	1	5	224	4.31
240L MGB split recyclables /waste			3	3	246	4.72
140L MGB	1			1	442	8.50
120L MGB	2		2	4	372	7.15
2 x 120L MGB Dual Bins	1			1	390	7.51
80L	1			1	332	6.39
55L			2	2	368	7.07
Bag			3	3	148	2.85
Crate	4		9	13	216	4.15
* Other	4		6	10	351	6.74
No recycling collection service			30	30		

Figure 5 compares average weekly household dry recyclables yield with collection system type. While 120L MGB or 2 x 120L MGB and 140L MGB collection systems show the highest average yield for 2007–08, only 6 councils use these systems. The 10 councils with Other systems all had two different bin type systems.

Figure 5: Average weekly household dry recyclables yield by collection system 2007–08

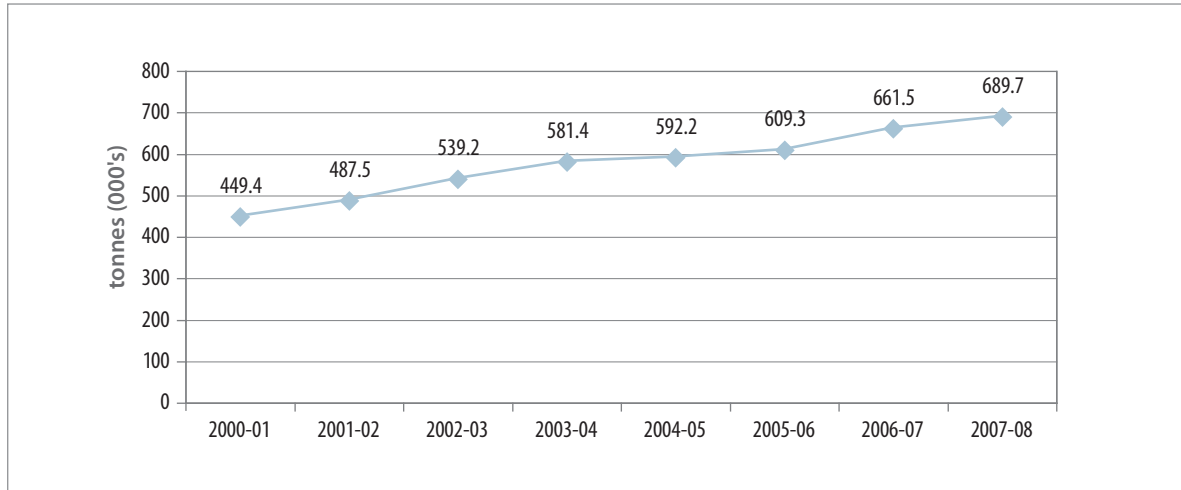


In 2007–08 the total quantity of dry recyclables collected at the kerbside in NSW was 689,745 tonnes:

- 410,180 tonnes from the SMA
- 126,444 tonnes from the ERA
- 153,121 tonnes from the rest of the state

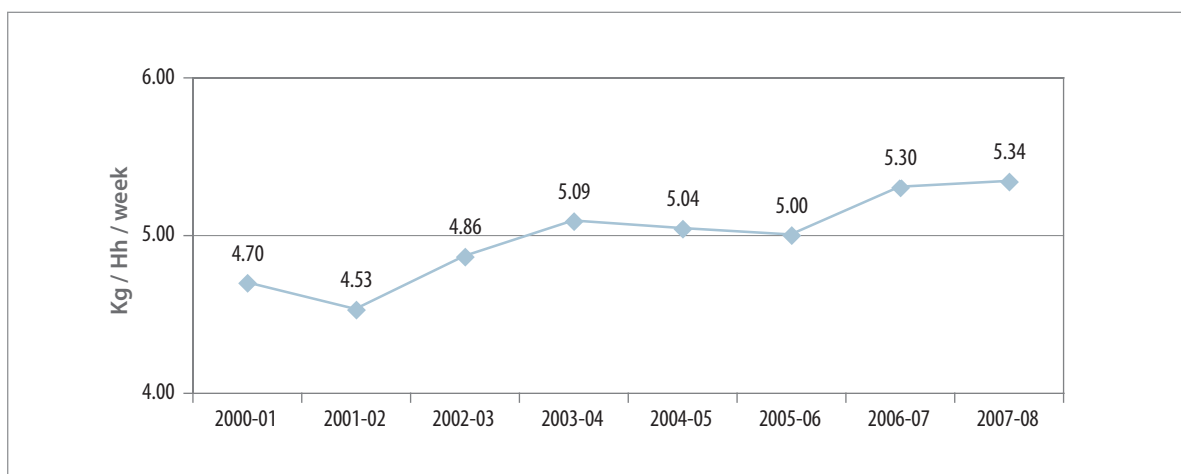
There was an increase in the quantity of dry recyclables collected at the kerbside each year since 2000–01 (Figure 6). This is an increase of over 240,000 tonnes or 53.5 % since 2000–01.

Figure 6: Kerbside dry recycling collected in NSW 2000–01 to 2007–08



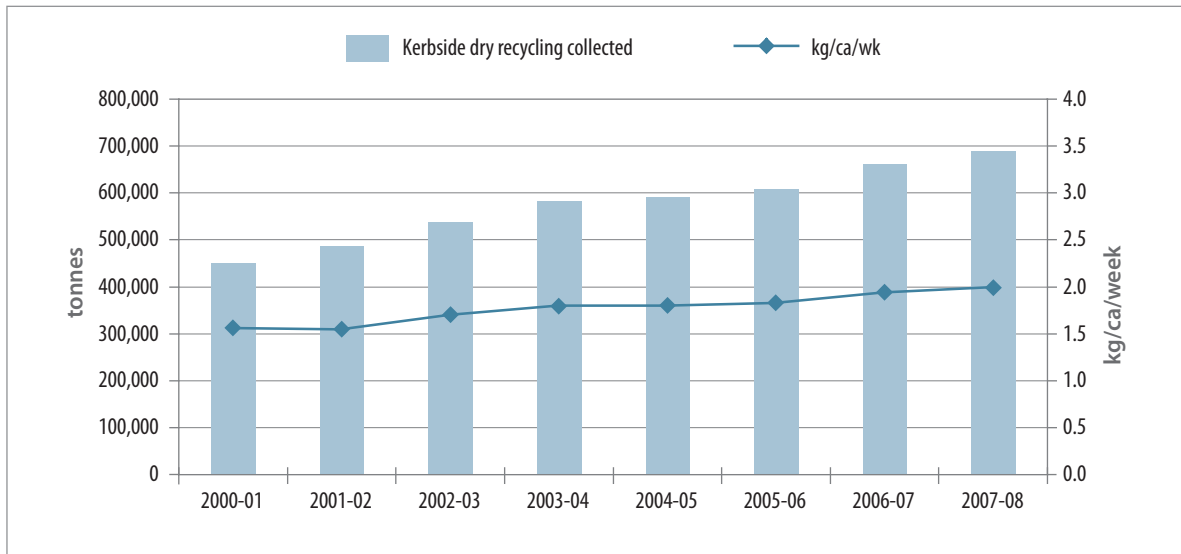
The average household dry recyclables yield per week has increased steadily from 4.70kg in 2001–02 to 5.34 kg in 2007–08. (Figure 7).

Figure 7: Average household dry recyclables yield per week in NSW 2000–01 to 2007–08



Similarly, the average per capita yield of dry recycling collected has steadily increased in line with the overall increase in the quantity of recycling collected in NSW (Figure 8). This can be explained by both an increase in the number of councils offering a new or expanded recycling service to their households along with an improvement in recycling behaviour by residents.

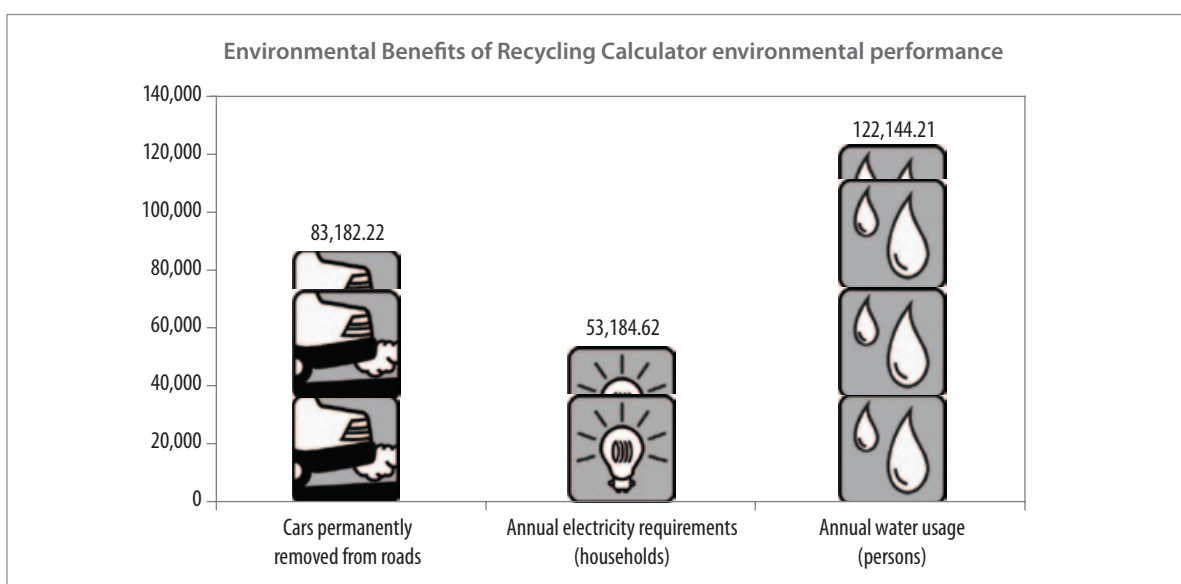
Figure 8: Annual quantity and average weekly per capita yield of dry recyclables in NSW 2000-01 to 2007-08



Environmental benefits

Recycling results in the avoidance of environmental impacts associated with resource extraction, materials production and manufacturing processes. The environmental benefits of recycling 689,745 tonnes of dry recyclables in NSW during 2007-08 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 9: The environmental benefits of 689,745 tonnes of dry recycling



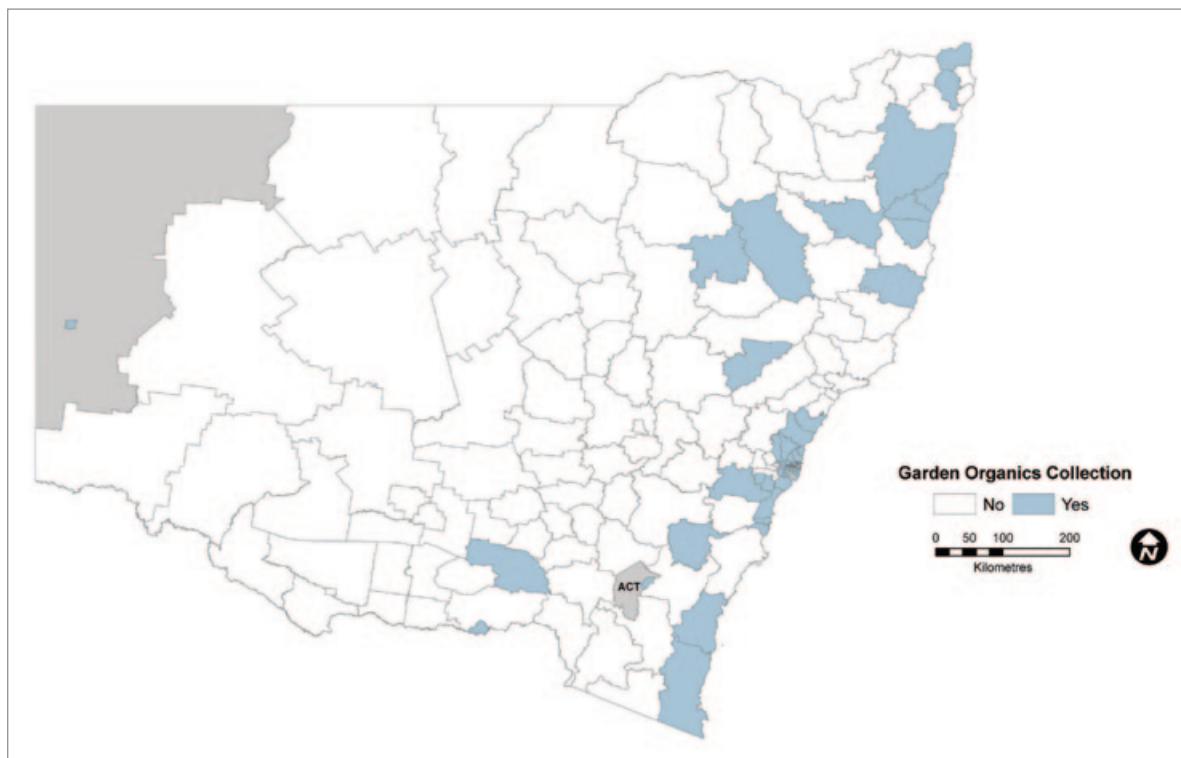
The recycling of 689,745 tonnes of resources also saves 1,900,767 m³ of landfill space, 83,184 cars permanently removed from the road, 53,186 household's annual electricity requirements and 122,146 peoples annual water usage.

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.

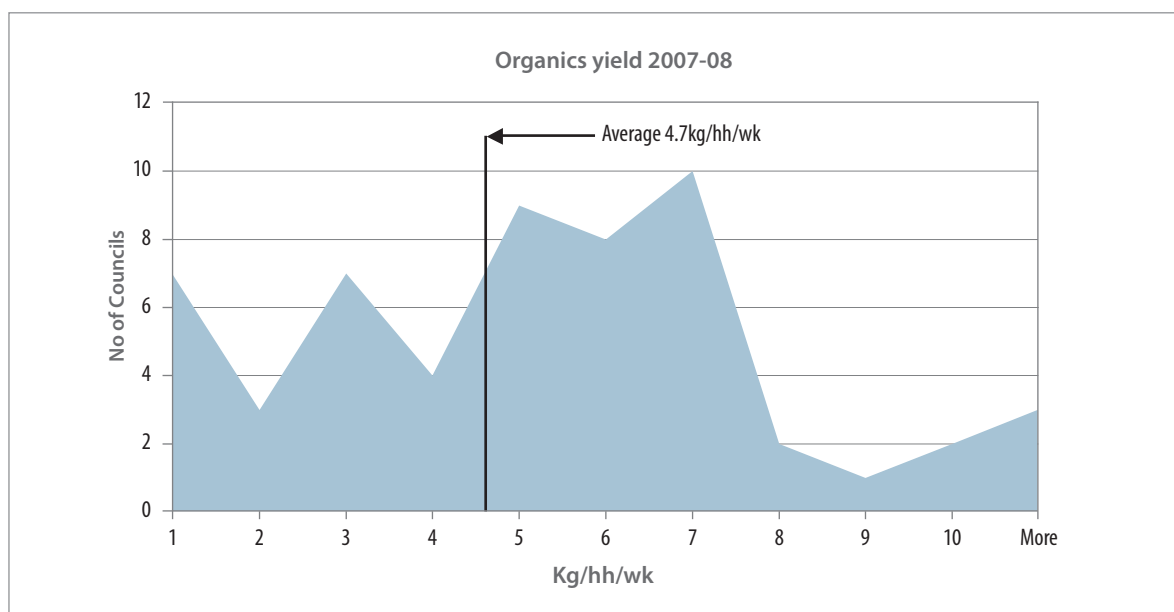
In 2007–08 there were 56 NSW councils provided a kerbside garden organics collection service, reaching 53% of households and 61% of the population (Figure 10). The availability of kerbside garden organics services to households varied across NSW with kerbside garden organics collection services provided to 66% of households in the SMA, 44% in the ERA, and 34% in the rest of the state.

Figure 10: NSW councils providing kerbside garden organics collection services



An average of 243 kg of garden organic material was collected per household in 2007–08. On a weekly basis this equates to an average of 4.7 kg per household or 1.6 kg per person.

Figure 11: Average household garden organics yield by households receiving service



In 2007–08 there were 4 garden organics collection systems used by NSW councils. The most common garden organics collection system provided by councils was a 240L MGB collected fortnightly. In 2007–08, 32 councils used this system. There were 9 councils using an on call system and 7 councils used varying bin sizes and frequency.

For councils with high volumes of garden organics (175 kg or more per household per year), the DECC 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), the DECC Guide recommends a tied and bundled collection three to four times per year.

Table 3: Average weekly household garden organics yield by collection system

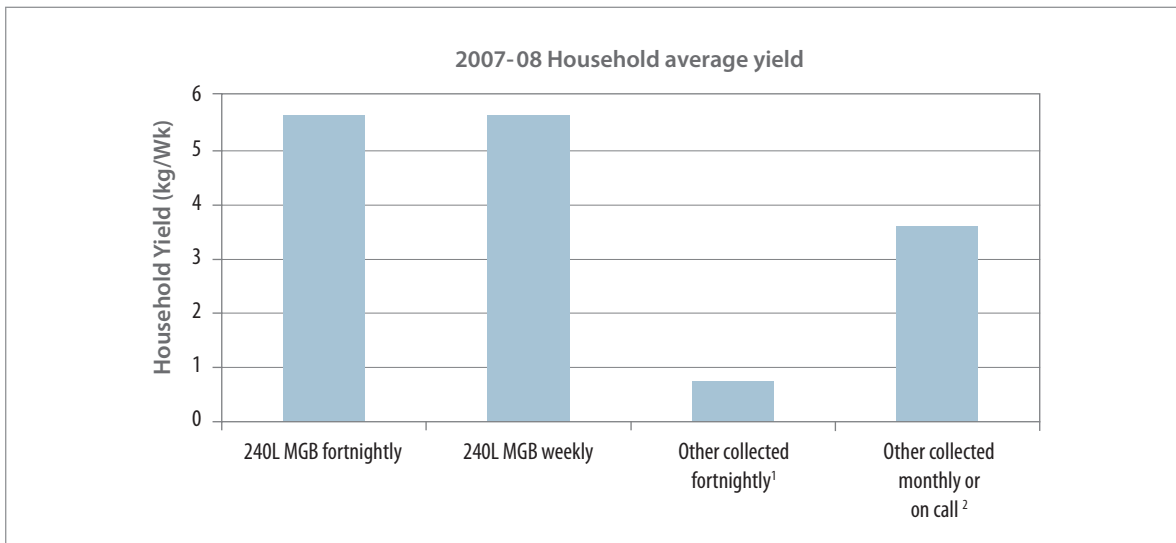
Collection system	SMA	ERA	Rest of the state	No. of councils	Household gross yield (kg/hh/yr)	Household gross yield (kg/hh/wk)
240L MGB fortnightly	17	4	11	32	294	5.65
240L MGB weekly	3		5	8	294	5.65
Other collected fortnightly ¹	6		1	7	38	0.74
Other collected monthly or on call ²	6	1	2	9	188	3.61
No organics collection service	6	8	82	96		

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 12 below compares average weekly household garden organics yield with collection system type. The 32 councils who used the fortnightly 240L MGB collection system were geographically spread across the SMA, ERA and the rest of the state and collectively serviced over 888,000 households.

Figure 12: Average weekly household garden organics yield by collection system



1 Combination of Tied and Bundled + Crate+ MGBs, or mix of MGBs, or crates + MGBs. Collection fortnightly

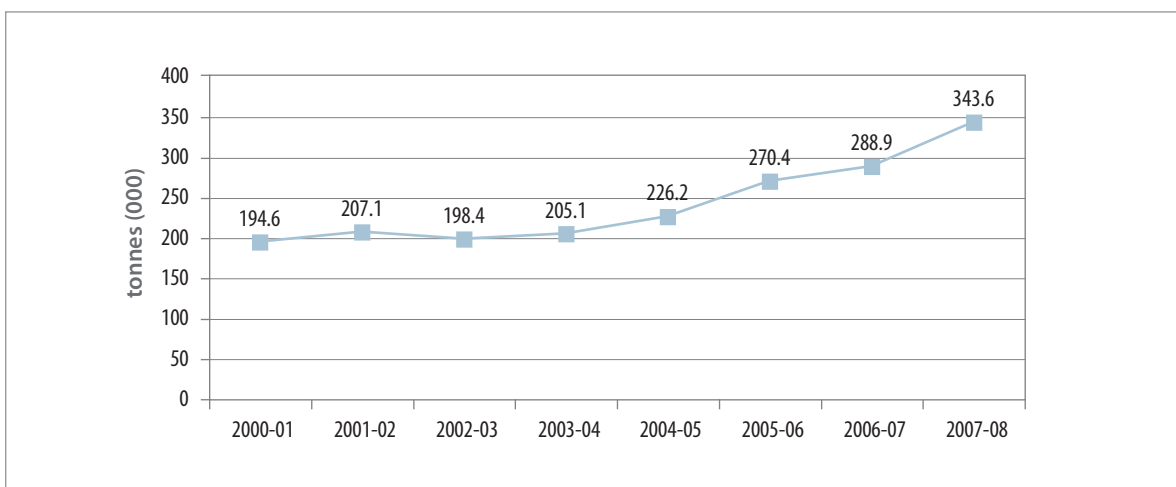
2 Combination of Tied and Bundled + Crate+ MGBs, or mix of MGBs, or crates + MGBs. Collection monthly or on Call

Quantities of garden organics collected at the kerbside around NSW during 2007–08 totalled 343,648 tonnes:

- 212,808 tonnes from the SMA
- 63,652 tonnes from the ERA
- 67,189 tonnes from the rest of the state.

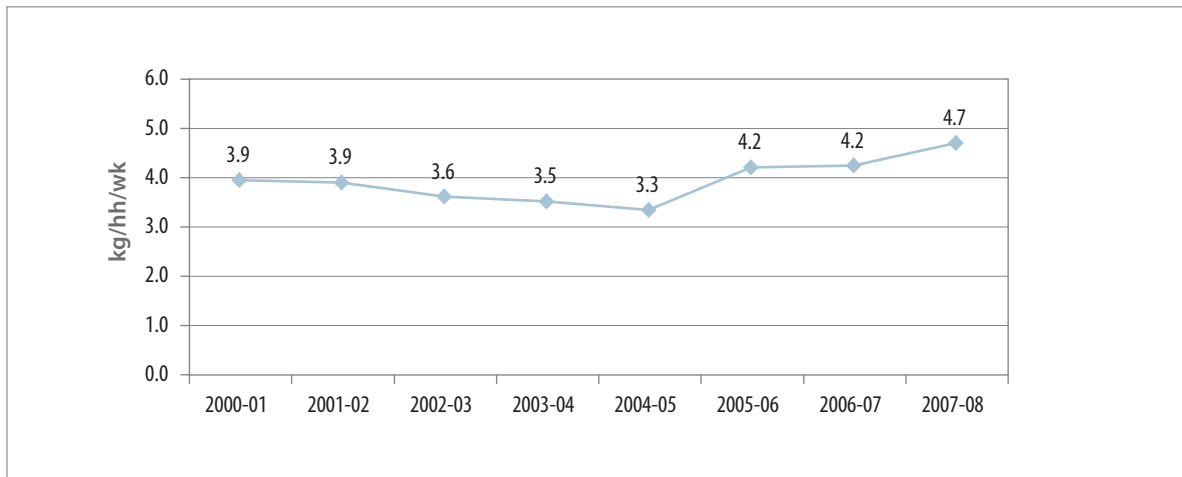
This is an increase of 149,052 tonnes, or 76.6%, since 2000–01.

Figure 13: Kerbside garden organics collected in NSW 2000–01 to 2007–08



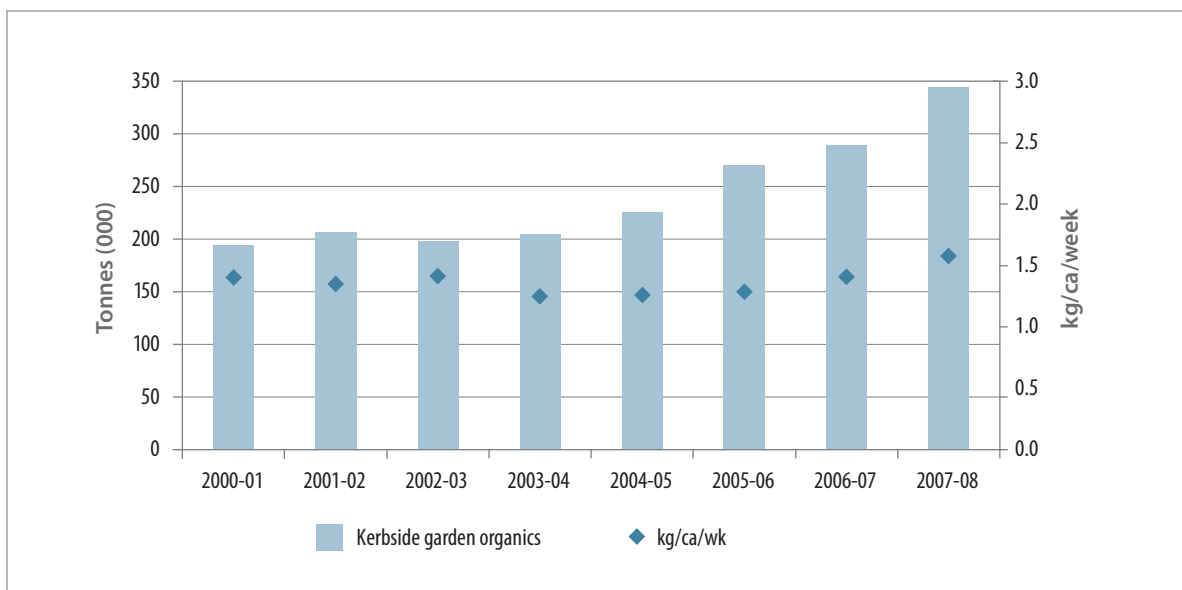
The average household garden organics yield per week has tended to fluctuate between 2000–01 and 2004–05 and then increased from then on to an average 4.7kg per household per week in 2007–08 (Figure 14).

Figure 14: Average household garden organics yield per week in NSW 2000–01 to 2007–08



The overall increase in garden organics collected in NSW may be explained by the continued increase in the number of councils offering a kerbside garden organics collection service in recent years. The average NSW per capita yield of garden organics collected at the kerbside continues to fluctuate at around 1.3 kg to 1.6 kg (Figure 15). This may be reflective of season’s weather effects.

Figure 15: Annual quantity and average weekly per capita yield of garden organics in NSW 2000–1 to 2007–08 (based on number of NSW households with a garden organics collection service)



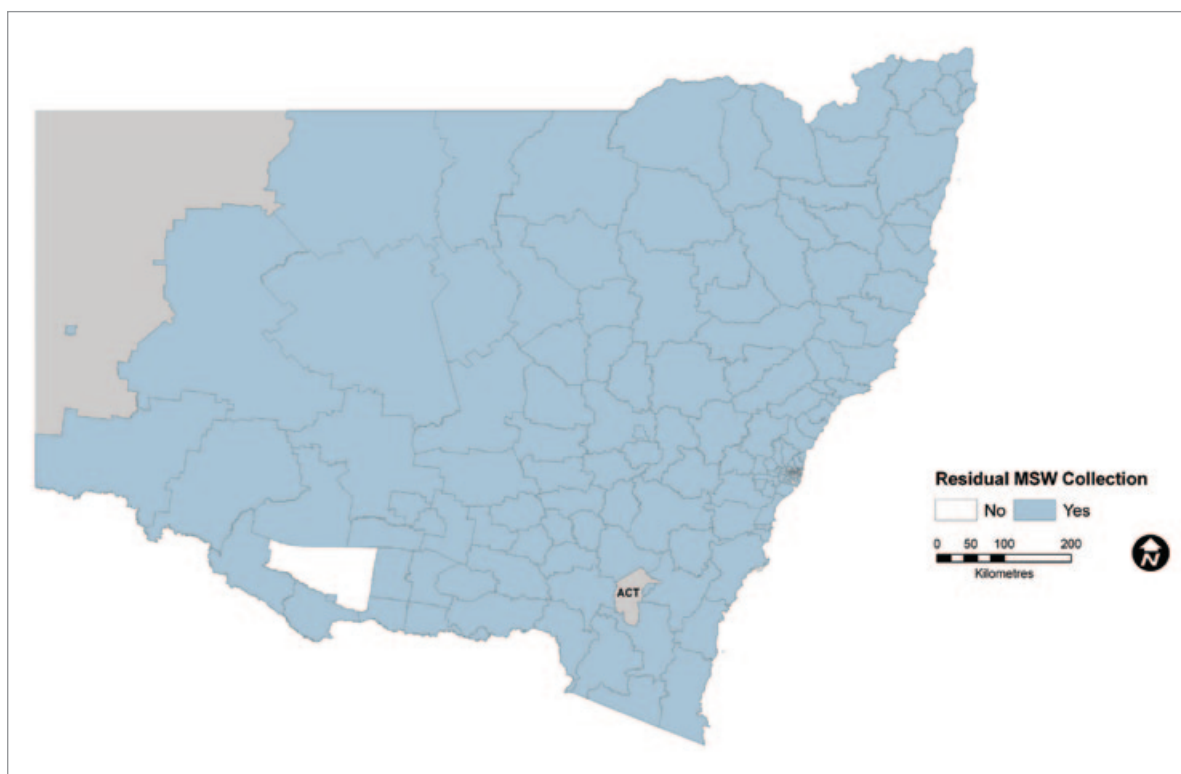
The environmental benefits of recycling 343,648 tonnes of Garden Organics are:

- Energy savings: more than 402 thousand Gigajoules
- Water savings: more than 164 thousand Kilotres
- Greenhouse gas savings: more than 136 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 99% of households and over 99% of the population. The access to kerbside residual waste collection varied across NSW; with 100% of households in the SMA receiving kerbside residual waste collection services 100% in the ERA, and 99% in the rest of the state.

Figure 16: NSW councils providing kerbside residual waste collection services

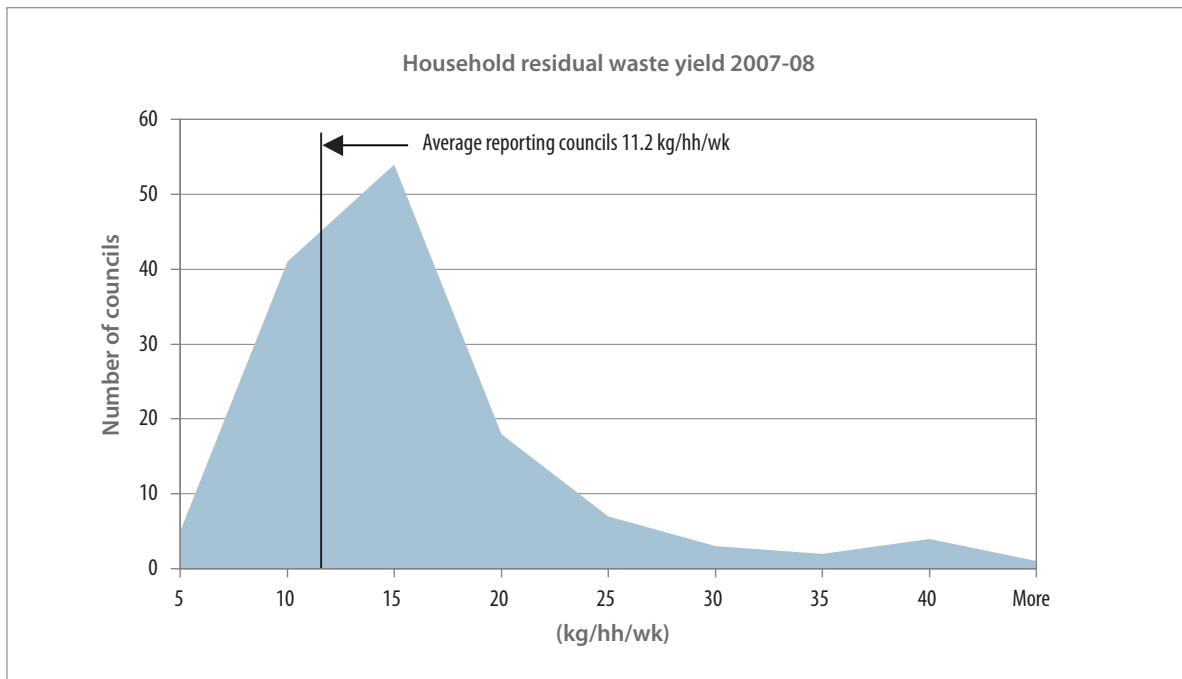


An average of 580 kg of residual waste was collected per household with a service in 2007–08.

On a weekly basis this equates to an average of 11.2 kg per household and 4.2 kg per person.

Forty seven councils collected between 10 and 15 kg of residual waste per household per week. A further 48 councils collected between 5 and 10 kg per household per week, while 33 councils collected more than 15 kg per household per week. Eight councils had less than 5 kg per household per week and 1 council had no service while 15 councils had no reported kerbside waste data.

Figure 17: Household residual waste gross yield (kg/hh/wk)



Note: 15 councils did not provide waste collection tonnages

In 2007–08 there were 8 different residual waste collection systems used by NSW councils (Table 4). The most common residual waste collection system provided by councils was a 240L MGB. In 2007–08, 69 councils used this system.

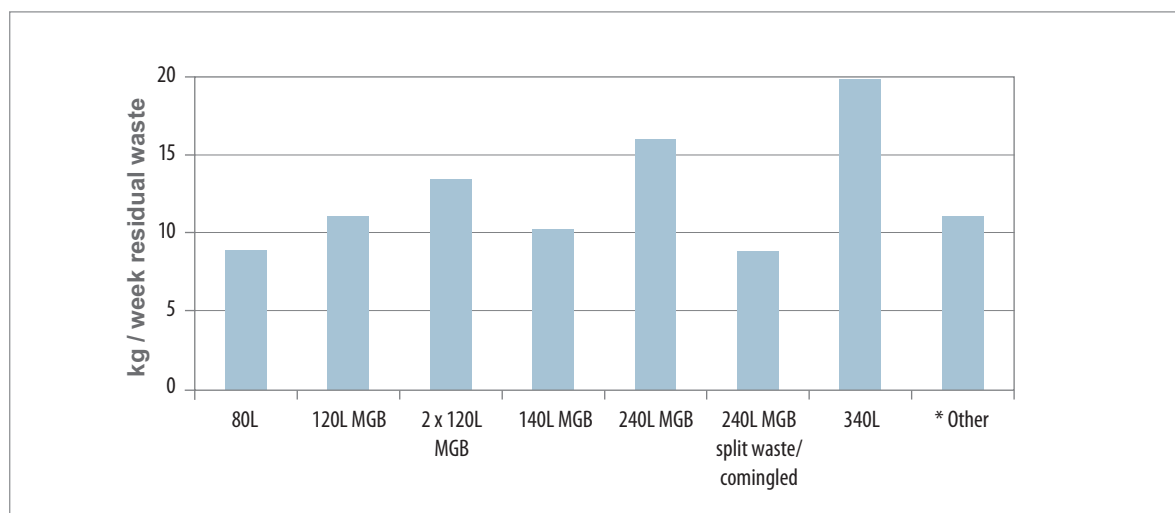
A total of 55 councils had adopted DECC’s preferred resource recovery practices for residual waste (80L MGB, 120L MGB, or 140L MGB) as smaller bin volumes encourage greater source separation of materials and facilitate a higher resource recovery rate.

Table 4: Household residual waste collection system by region

Collection system	SMA	ERA	Rest of the state	No. of councils	Household gross yield (kg/hh/yr)	Household gross yield (kg/hh/wk)
80L	4	1	1	6	464	8.93
120L MGB	11	2	14	27	579	11.14
2 x 120L MGB			12	12	704	13.53
140L MGB	7	1		8	537	10.33
240L MGB	7	4	58	69	837	16.10
240L MGB split waste / recycling			1	1	461	8.86
340L			1	1	1,036	19.92
* Other	9	5	13	27	581	11.18
No waste collection service			1	1		

* Other systems include combinations of either different size MGBs.

Figure 18: Average weekly household residual waste collection by system



In 2007–08 the total quantity of residual waste collected at the kerbside in NSW was 1,509,542 tonnes:

- 803,623 tonnes from the SMA
- 315,897 tonnes from the ERA
- 394,522 tonnes from the rest of the state

Figure 19: Domestic residual waste collected at kerbside (tonnes)

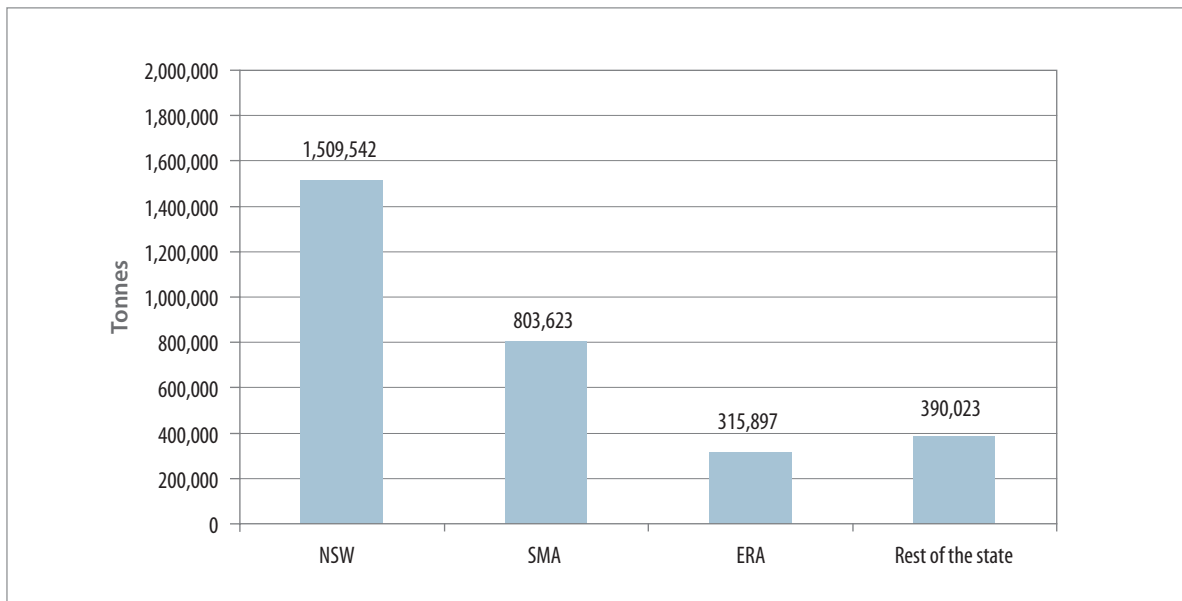


Figure 20: Domestic residual waste collected at kerbside kg per capita per week

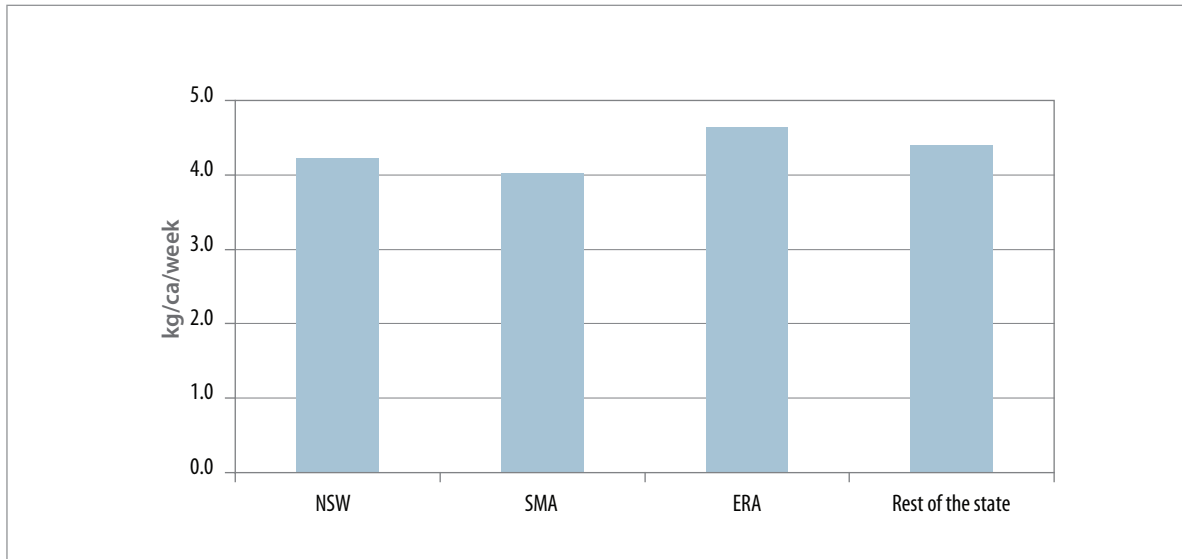


Figure 21: Domestic residual waste collected at kerbside kg per household per week

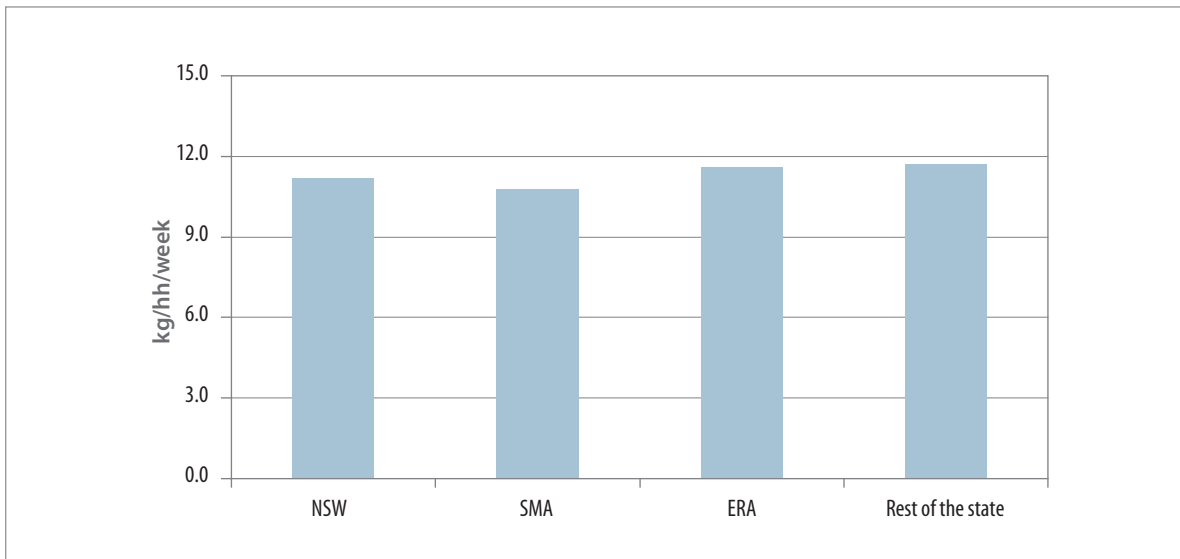
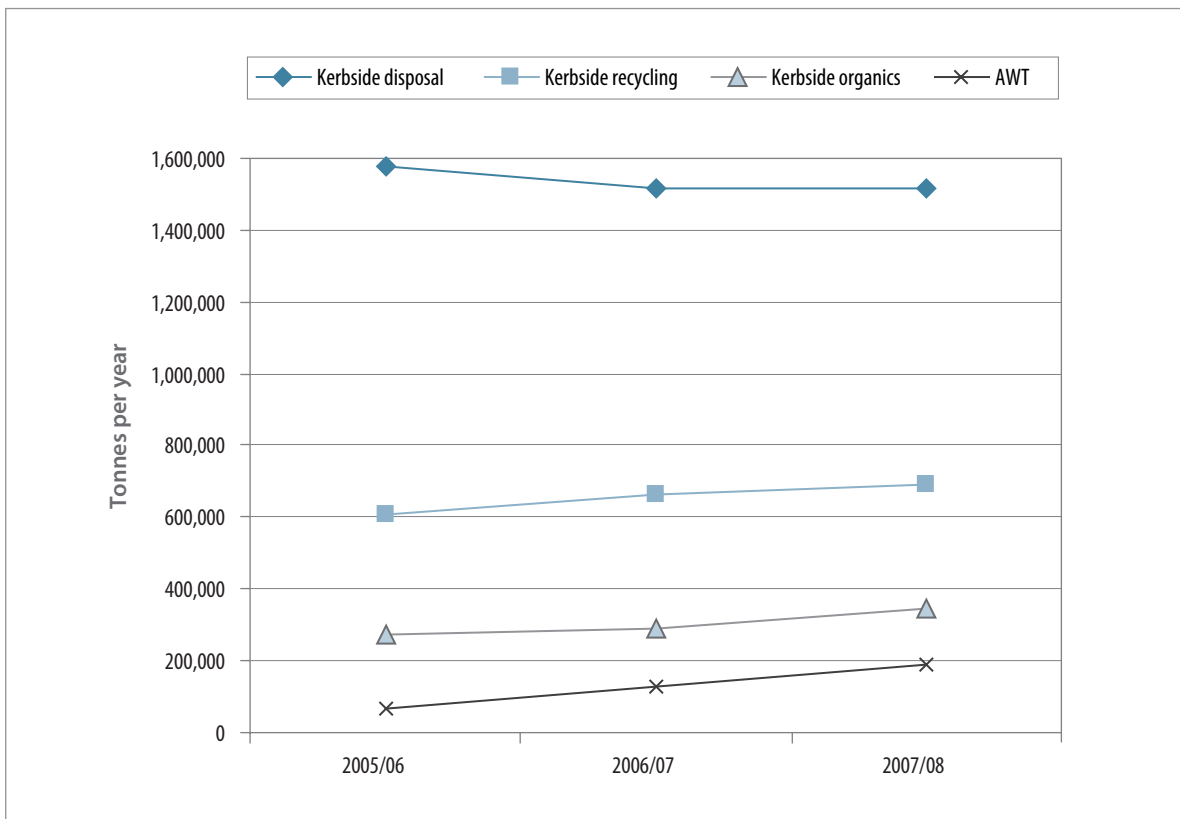


Figure 22: Three year comparative data



Domestic waste management charges

For the range of Domestic Waste Management Charges in NSW please see appendix 4.

The rate 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).

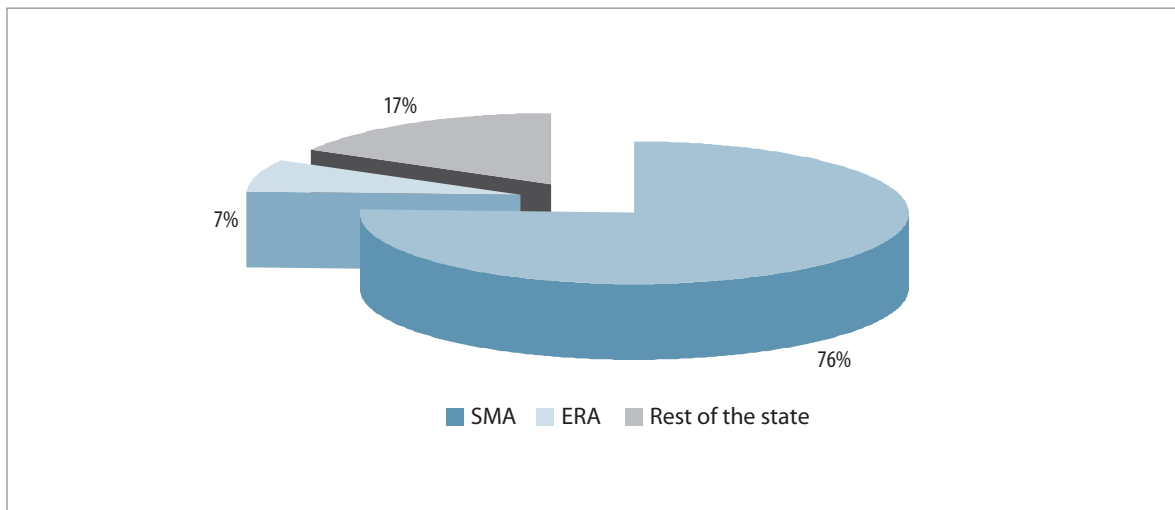
These figures are based on council charges provided. These may be various charges for bin sizes and frequency. The figures listed in Appendix 4 are based on the predominant bin size and frequency.

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 landfilling. Typically residue material from the AWT process, or processed material that cannot be beneficially reused, is disposed of to landfill.

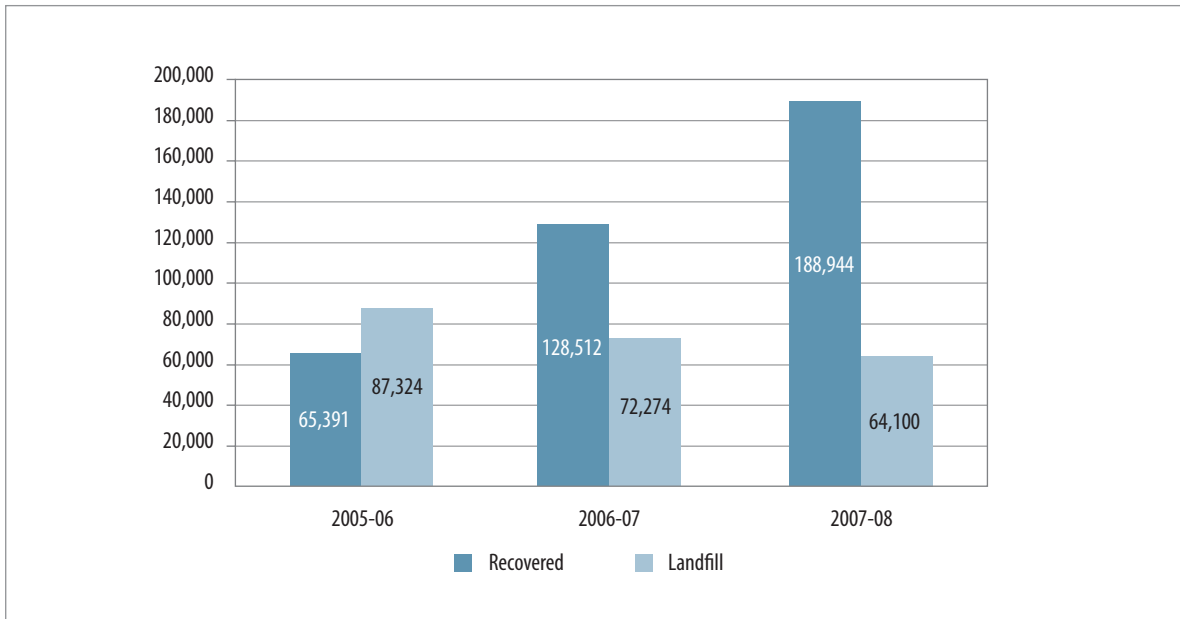
In 2007–08, councils reported that 188,944 tonnes of material was recovered from the residual waste stream using AWT technologies. Of this 76% was in the SMA, 7% ERA and 17% in the rest of the state (Fig 23). Note that councils varied in how they reported recovery by an AWT facility as shown in the footnote to Appendix 2.

Figure 23: Domestic waste recovered by AWT by region



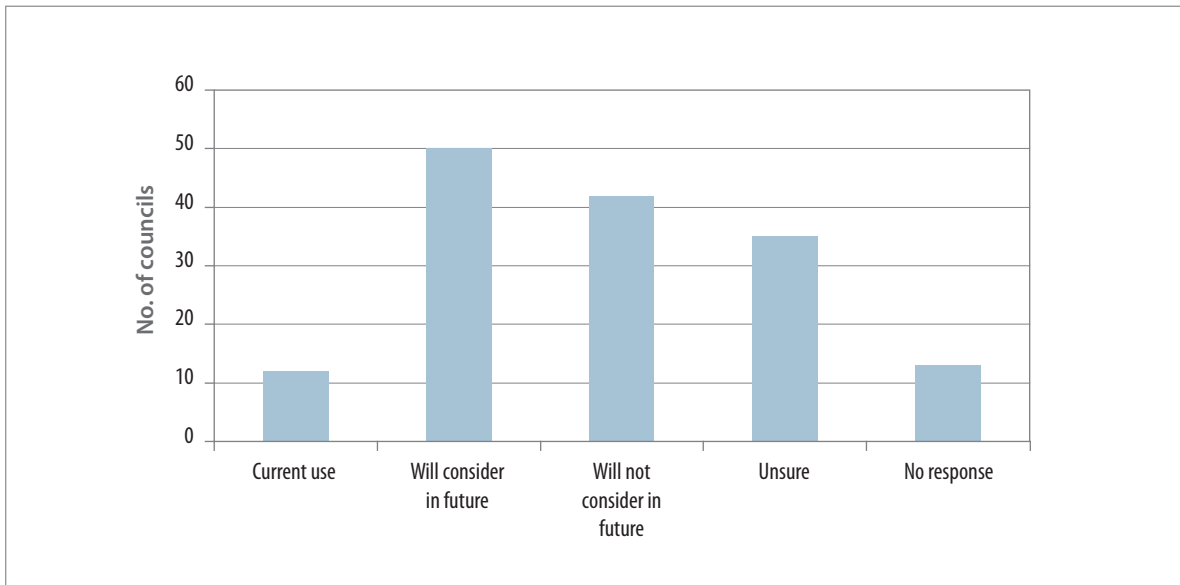
The trend of material reported as recovered through an AWT is increasing from 43% in 2005–06 to 64% in 2006–07 to 74% in 2007–08. (Fig 24)

Figure 24: Domestic waste recovered by AWT trend



In 2007-08 councils were asked about their current position on AWT, their responses are indicated in Figure 25.

Figure 25: Councils response to using AWT

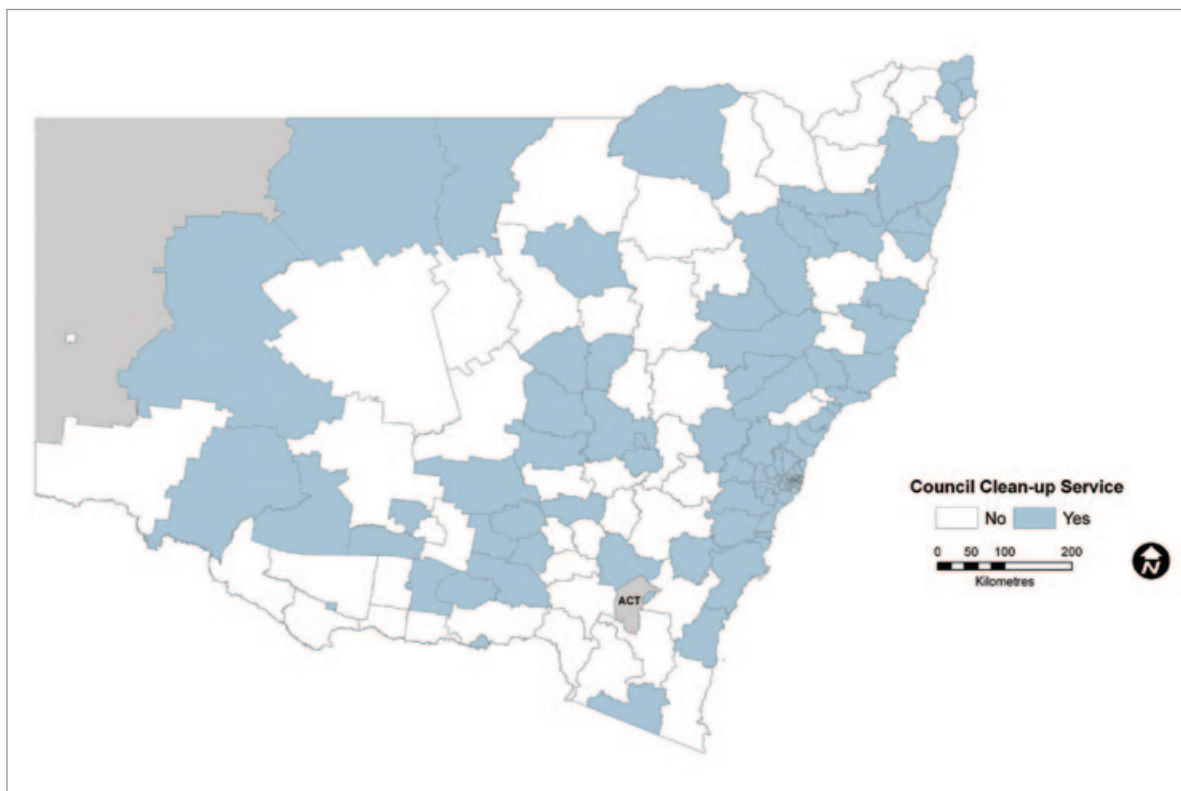


Kerbside Clean up Service

In NSW 102 councils provided a kerbside clean up collection service, reaching 91% of households and over 91% of the population (Figure 26). The access to a kerbside clean up service varied across NSW; with these services being provided to 100% of households in the SMA, 92% in the ERA, and 72% in the rest of the state.

Of the 102 councils reported having a clean up service, 82 councils reported figures (tonnes), 20 councils did not report data.

Figure 26: NSW councils with a kerbside clean up service



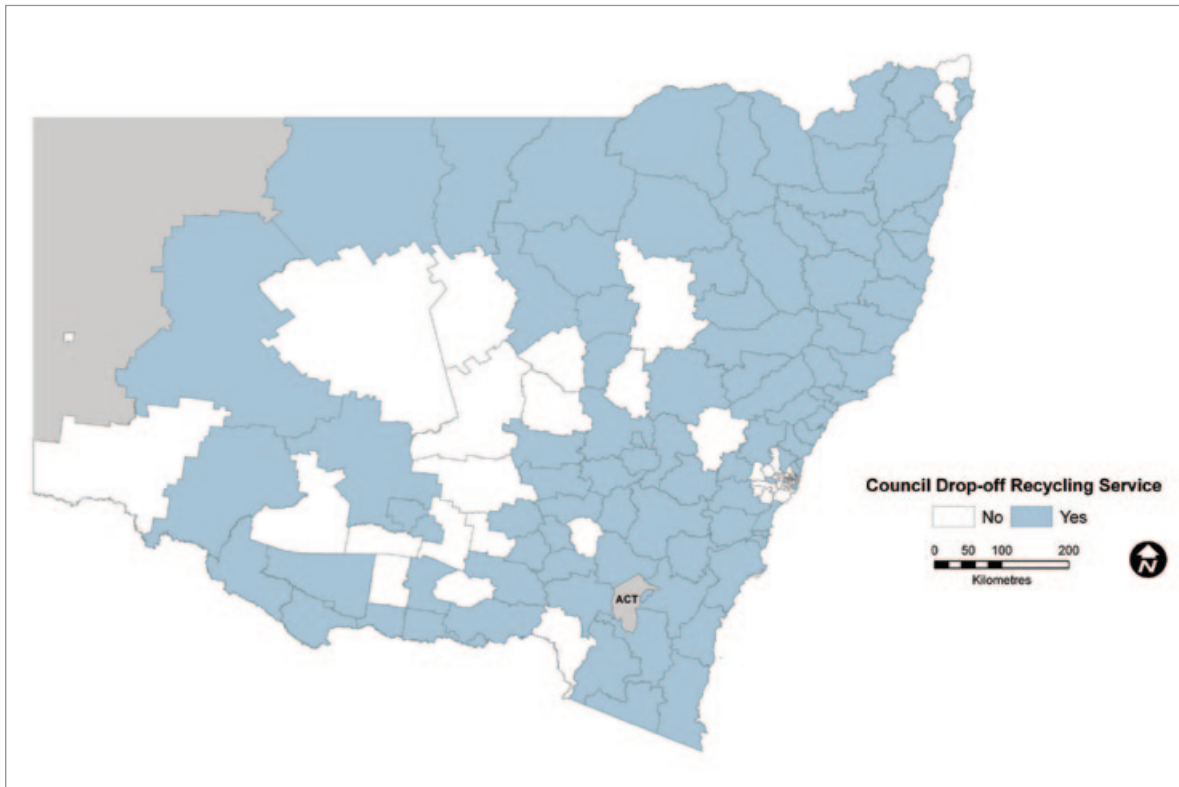
141,515 tonnes of material was collected in NSW, of which 110,783 tonnes were sent to landfill and 30,732 tonnes were recycled. The overall Resource Recovery Rate (RRR) for kerbside clean up in NSW was 21.7%:

- 14,754 tonnes recycled, 84,286 tonnes waste to landfill in the SMA (15% RRR)
- 3,111 tonnes recycled and 18,531 tonnes waste to landfill in the ERA (14% RRR)
- 12,867 tonnes recycled and 7,966 tonnes waste to landfill in the rest of the state (62% RRR)

Drop off facilities provided by councils

One hundred and six NSW councils (SMA – 11, ERA – 13 and rest of the state – 82) 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 27). The household access to recycling drop off facilities varied across NSW with access to these facilities at 31% in the SMA, 100% in the ERA, and 95% in the rest of the state.

Figure 27: NSW councils providing a recycling drop off facility



568,977 tonnes of material was collected in NSW, of which 343,524 tonnes were sent to landfill and 225,453 tonnes of recyclable material (61,385, dry recyclables, 164,068 garden organics) were collected at drop off facilities. The overall Resource Recovery Rate (RRR) for domestic drop off in NSW was 40%:

- 22,140 tonnes recycled, 13,261 tonnes waste to landfill in the SMA (63% RRR)
- 85,281 tonnes recycled and 103,164 tonnes waste to landfill in the ERA (45% RRR)
- 118,032 tonnes recycled and 227,099 tonnes waste to landfill in the rest of the state (34% RRR)

Recovery rates

The recovery rate is the percentage of the total amount of materials disposed of by households that is recovered for recycling or processing. The target for Municipal Solid Waste (MSW) in the Strategy is to increase recovery rates 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 only, which is a component of MSW and is not strictly the total of MSW.

The domestic recovery rate for NSW in 2007–08 was 43.2% when all collected household waste and recycling is included in the calculation, i.e. residual waste, recycling, garden organics, clean-up and drop-off. (Table 5)

The domestic recovery rates for the regions are SMA 47.1%, ERA 40.0%, rest of the state 37.8%

The domestic kerbside recovery rate for NSW in 2007–08 was 44.7% when all regular kerbside collection of household waste, recycling and organics are included in the calculation, i.e. regular kerbside collected residual waste, recycling, garden organics and domestic kerbside waste collected and recovered thru an AWT.

The domestic kerbside recovery rates for the regions are SMA 48.8%, ERA 39.2%, rest of the state 39%.

Table 5: Domestic recovery rates trend

Domestic recovery rate	2005–06	2006–07	2007–08
NSW	37.8%	40.8%	43.2%
SMA	39.2%	42.9%	47.1%
ERA	40.9%	40.9%	40.0%
Rest of the state	32.7%	37.2%	37.8%

Note: The following is a key to the notations attached to some local council's data in the following recovery rate graphs (figures 28, 29 and 30):

- ¹ No kerbside waste data reported
- ² No kerbside recycling data reported
- ³ No kerbside services
- ⁴ No data provided
- ⁵ Assumed AWT recovery unverified

Figure 28: SMA domestic recovery rate 2007–08

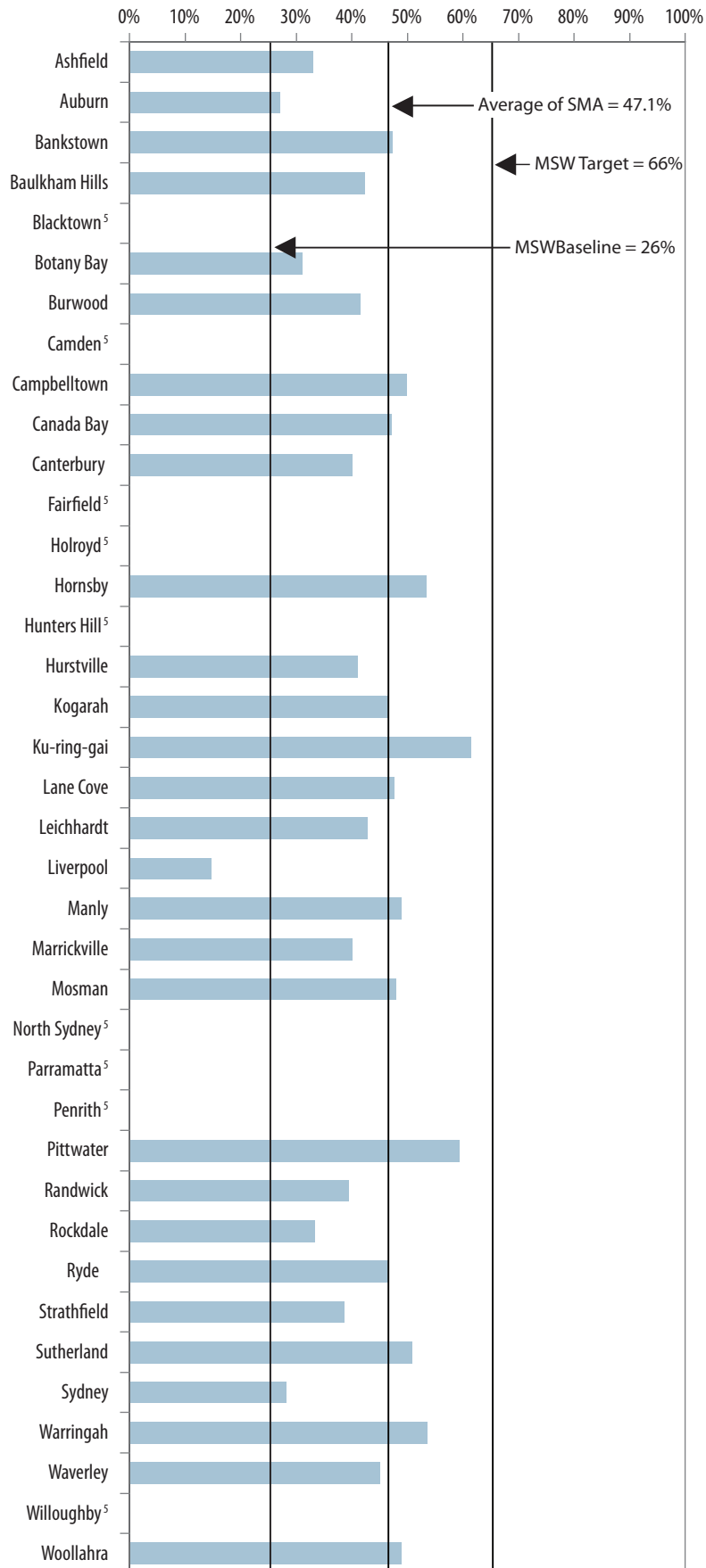


Figure 29: ERA domestic recovery rate 2007–08

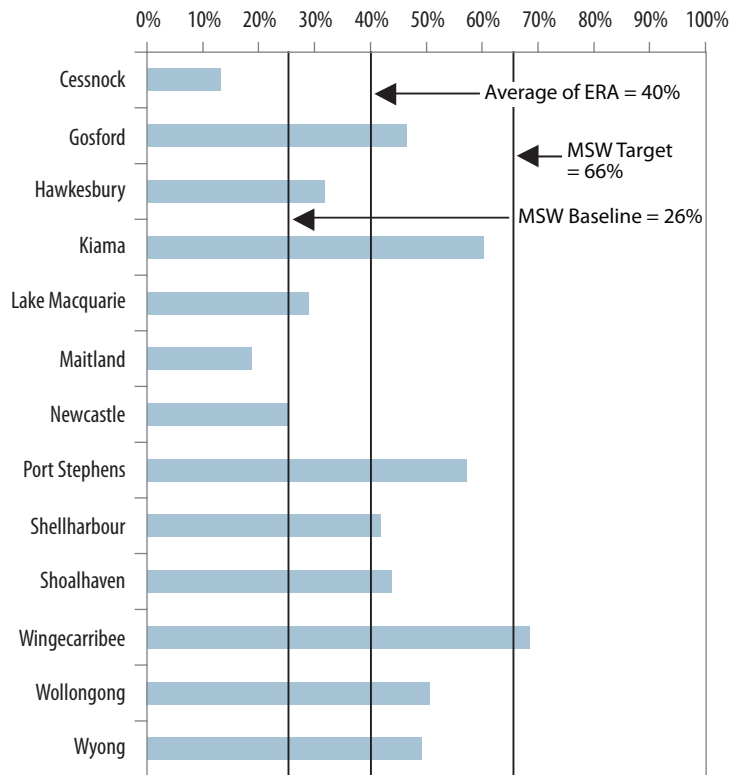


Figure 30: Rest of the state domestic recovery rate 2007–08

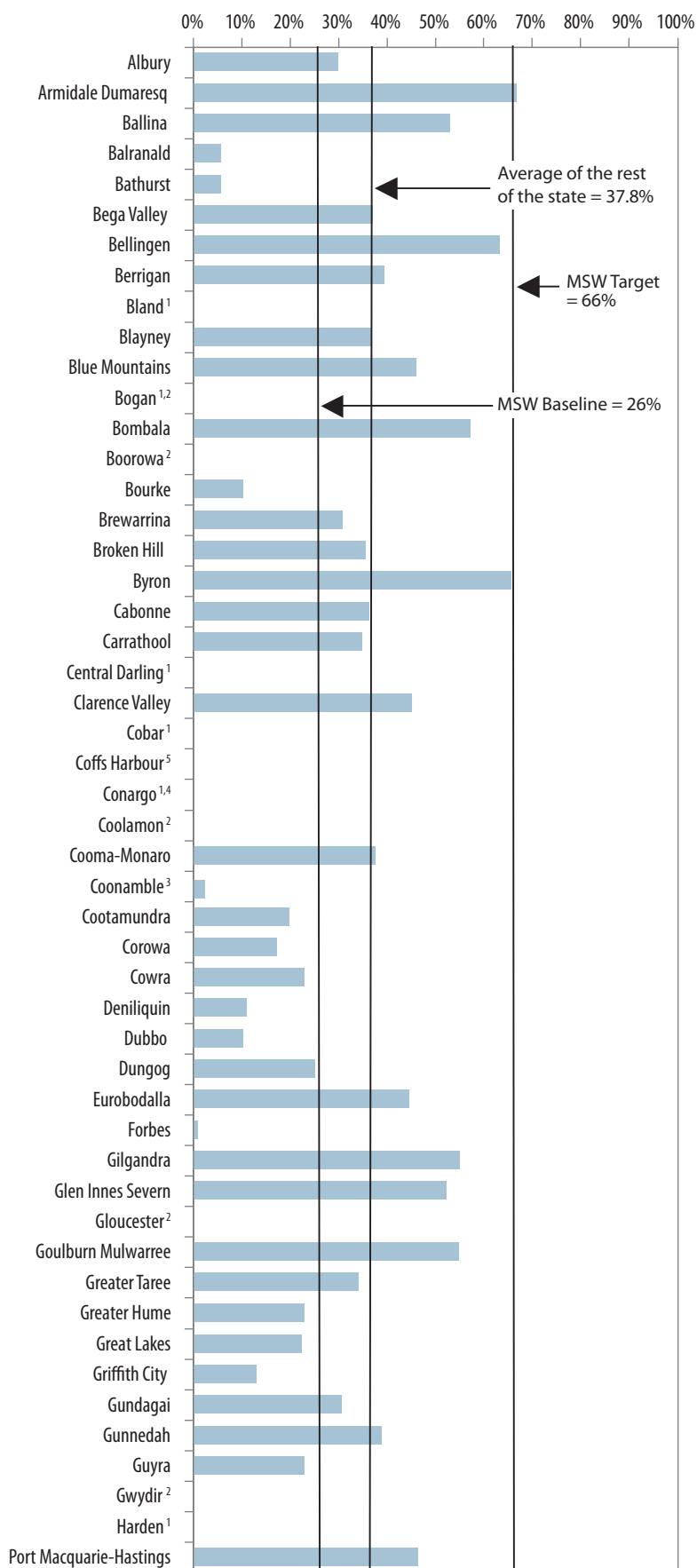
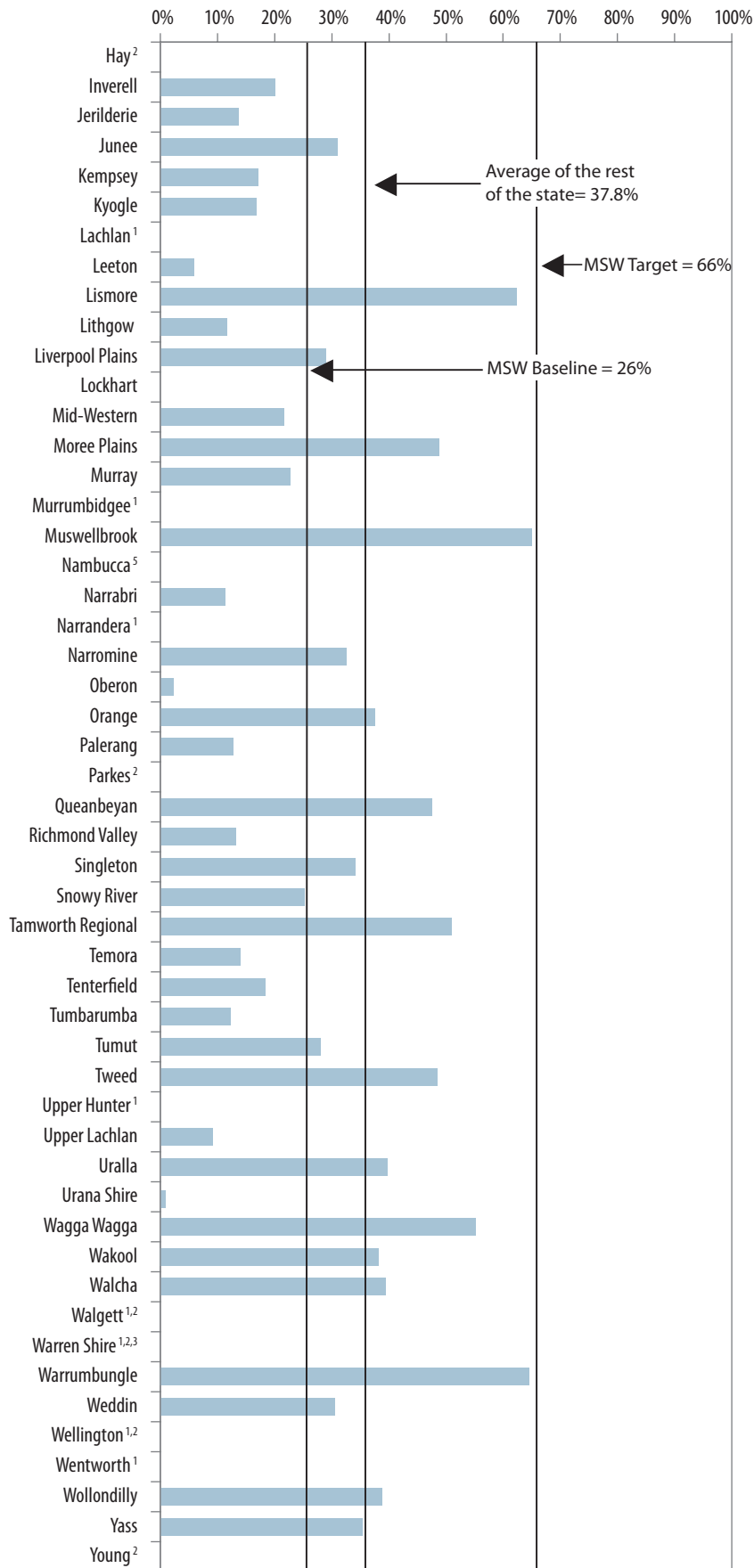


Figure 30: Rest of the state recovery rate 2007–08 (continued)



Glossary

AWT technology

Alternative Waste Treatment technology

DECC

Department of Environment and Climate Change NSW

Domestic 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).

Domestic Waste Management Charge

The rate 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 as a result of the provision of a specific waste and/or resource recovery 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 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 organic material (grass clippings)
- Non-woody garden organic material
- Woody garden organic material
- 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 used by the greatest number of households in a given LGA is considered the predominant bin type.

Predominant service type

Where a council offers residents a range of waste service types, the waste service provided to the greatest number of households is considered to be the predominant service type.

Recovery Rate

The Recovery Rate is the proportion of domestic dry recyclables and organics 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.

Appendix 1: Councils and their waste and resource recovery services

ABS	Council name	Population (ABS 30 June 2007)	Number of individual households	Supplied data	Kerbside residual MSW collection	Domestic waste to AWT	Kerbside recycling collection	Kerbside organics collection	Drop-off recycling facility
	NSW	6,887,952	2,644,425						
60	Albury	49,321	21,171	Y	Y	N	Y	Y	Y
110	Armidale Dumaresq	24,684	8,351	Y	Y	N	Y	Y	Y
150	Ashfield	41,833	17,402	Y	Y	N	Y	Y	N
200	Auburn	70,986	22,342	Y	Y	N	Y	Y	N
250	Ballina	40,932	16,296	Y	Y	N	Y	N	Y
300	Balranald	2,514	831	Y	Y	N	N	N	Y
350	Bankstown	179,657	56,764	Y	Y	N	Y	Y	N
470	Bathurst	37,686	18,452	Y	Y	N	Y	N	Y
500	Hills Shire	168,026	57,232	Y	Y	N	Y	Y	N
550	Bega Valley	32,655	14,461	Y	Y	N	Y	Y	Y
600	Bellingen	13,071	3,783	Y	Y	N	Y	Y	Y
650	Berrigan	8,446	4,125	Y	Y	N	Y	N	Y
750	Blacktown	284,692	94,430	Y	Y	Y	Y	N	N
800	Bland	6,385	1,597	Y	Y	N	N	N	N
850	Blayney	6,972	2,303	Y	Y	N	Y	N	Y
900	Blue Mountains	76,088	32,460	Y	Y	N	Y	N	Y
950	Bogan	3,012	874	N	Y	N	N	N	N
1000	Bombala	2,635	909	Y	Y	Y	Y	N	Y
1050	Boorowa	2,342	1,729	Y	Y	N	Y	N	Y
1100	Botany Bay	37,813	13,147	Y	Y	N	Y	Y	N
1150	Bourke	3,091	1,065	Y	Y	N	N	N	Y
1200	Brewarrina	1,944	730	Y	Y	N	N	N	Y
1250	Broken Hill	20,074	9,911	Y	Y	N	N	Y	N
1300	Burwood	32,860	10,718	Y	Y	N	Y	Y	N
1350	Byron	30,866	12,095	Y	Y	N	Y	N	Y
1400	Cabonne	12,940	2,556	Y	Y	N	Y	N	Y
1450	Camden	52,142	16,561	Y	Y	Y	Y	Y	N
1500	Campbelltown	147,460	55,887	Y	Y	N	Y	Y	N
1520	Canada Bay	70,619	30,380	Y	Y	N	Y	Y	N
1550	Canterbury	137,755	50,475	Y	Y	N	Y	Y	N
1600	Carrathool	2,915	1,607	Y	Y	N	N	N	Y
1700	Central Darling	1,987	1,369	Y	Y	N	N	N	Y
1720	Cessnock	48,985	18,197	Y	Y	N	Y	N	Y
1730	Clarence Valley	50,596	19,947	Y	Y	N	Y	Y	Y
1750	Cobar	5,143	2,281	Y	Y	N	N	N	N
1800	Coffs Harbour	68,992	27,595	Y	Y	Y	Y	Y	Y

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

ABS	Council name	Population (ABS 30 June 2007)	Number of individual households	Supplied data	Kerbside residual MSW collection	Domestic waste to AWT	Kerbside recycling collection	Kerbside organics collection	Drop-off recycling facility
1860	Conargo	1,736	350	Y	N	N	N	N	Y
2000	Coolamon	4,155	1,485	Y	Y	N	Y	N	N
2060	Cooma-Monaro	10,142	5,094	Y	Y	N	Y	N	Y
2150	Coonamble	4,263	1,428	Y	Y	N	Y	N	Y
2200	Cootamundra	7,527	3,401	Y	Y	Y	Y	N	Y
2310	Corowa	11,434	5,270	Y	Y	N	Y	N	Y
2350	Cowra	12,924	4,136	Y	Y	N	Y	N	Y
2500	Deniliquin	7,673	2,846	Y	Y	N	N	N	Y
2600	Dubbo	39,787	14,603	Y	Y	N	Y	N	Y
2700	Dungog	8,413	3,078	Y	Y	N	Y	N	Y
2750	Eurobodalla	36,771	23,419	Y	Y	N	Y	Y	Y
2850	Fairfield	187,362	58,428	Y	Y	Y	Y	N	Y
2900	Forbes	9,727	3,197	Y	Y	N	Y	N	Y
2950	Gilgandra	4,625	1,765	Y	Y	N	Y	N	Y
3020	Glen Innes Severn	9,042	3,058	Y	Y	N	Y	N	Y
3050	Gloucester	4,971	1,582	Y	Y	N	Y	N	Y
3100	Gosford	162,388	73,066	Y	Y	N	Y	Y	Y
3310	Goulburn Mulwarree	27,327	12,767	Y	Y	N	Y	Y	Y
3350	Greater Taree	34,359	19,971	Y	Y	N	Y	N	Y
3370	Greater Hume	10,206	2,475	Y	Y	N	Y	N	Y
3400	Great Lakes	47,242	19,864	Y	Y	N	Y	N	Y
3450	Griffith City	24,937	8,535	Y	Y	N	N	N	Y
3500	Gundagai	3,813	1,150	Y	Y	N	Y	N	Y
3550	Gunnedah	11,968	4,211	Y	Y	N	Y	Y	Y
3650	Guyra	4,411	1,096	Y	Y	N	Y	N	Y
3660	Gwydir	5,407	1,553	Y	Y	N	Y	N	Y
3700	Harden	3,683	970	Y	Y	N	N	N	N
3750	Port Macquarie- Hastings	72,440	27,258	Y	Y	Y	Y	Y	Y
3800	Hawkesbury	62,211	23,974	Y	Y	N	Y	N	Y
3850	Hay	3,476	1,410	Y	Y	Y	N	N	N
3950	Holroyd	95,130	32,177	Y	Y	Y	Y	N	N
4000	Hornsby	158,285	53,892	Y	Y	N	Y	Y	Y
4100	Hunters Hill	14,031	4,711	Y	Y	Y	Y	Y	N
4150	Hurstville	77,684	29,640	Y	Y	N	Y	Y	N
4200	Inverell	16,246	7,445	Y	Y	N	Y	N	Y
4250	Jerilderie	1,677	424	Y	Y	N	N	N	N
4300	Junee	6,051	2,077	Y	Y	N	Y	N	Y

ABS	Council name	Population (ABS 30 June 2007)	Number of individual households	Supplied data	Kerbside residual MSW collection	Domestic waste to AWT	Kerbside recycling collection	Kerbside organics collection	Drop-off recycling facility
4350	Kempsey	28,566	12,489	Y	Y	N	Y	N	Y
4400	Kiama	20,095	8,328	Y	Y	N	Y	Y	Y
4450	Kogarah	55,861	21,062	Y	Y	N	Y	Y	N
4500	Ku-ring-gai	106,807	36,752	Y	Y	N	Y	Y	N
4550	Kyogle	9,686	3,590	Y	Y	N	N	N	Y
4600	Lachlan	6,814	1,836	Y	Y	N	N	N	N
4650	Lake Macquarie	193,092	73,533	Y	Y	N	Y	N	Y
4700	Lane Cove	32,047	12,517	Y	Y	Y	Y	Y	N
4750	Leeton	11,683	4,458	Y	Y	Y	N	N	Y
4800	Leichhardt	51,855	24,414	Y	Y	N	Y	Y	Y
4850	Lismore	44,668	13,990	Y	Y	Y	Y	Y	Y
4880	Lithgow	20,694	10,931	Y	Y	N	Y	Y	N
4900	Liverpool	172,932	57,180	Y	Y	N	Y	N	N
4920	Liverpool Plains	7,849	2,712	Y	Y	N	Y	N	Y
4950	Lockhart	3,288	916	Y	Y	N	N	N	N
5050	Maitland	66,530	24,376	Y	Y	N	Y	N	Y
5150	Manly	39,677	17,700	Y	Y	N	Y	Y	N
5200	Marrickville	76,284	34,193	Y	Y	N	Y	Y	N
5270	Mid-Western	22,093	7,997	Y	Y	N	Y	N	Y
5300	Moree Plains	14,300	6,023	Y	Y	N	Y	N	Y
5350	Mosman	28,152	12,339	Y	Y	N	Y	Y	Y
5500	Murray	6,941	2,326	Y	Y	N	Y	N	N
5550	Murrumbidgee	2,571	818	Y	Y	N	N	N	N
5650	Muswellbrook	16,039	5,059	Y	Y	N	Y	Y	Y
5700	Nambucca	18,735	6,309	Y	Y	Y	Y	Y	Y
5750	Narrabri	13,503	3,902	Y	Y	N	Y	N	Y
5800	Narrandera	6,166	2,078	Y	Y	N	N	N	N
5850	Narromine	6,717	2,219	Y	Y	N	Y	N	N
5900	Newcastle	150,357	58,254	Y	Y	N	Y	N	Y
5950	North Sydney	62,842	32,255	Y	Y	Y	Y	Y	N
6110	Oberon	5,278	1,143	Y	Y	N	N	N	Y
6150	Orange	37,333	14,625	Y	Y	N	Y	N	Y
6180	Palerang	13,419	4,570	Y	Y	N	Y	N	Y
6200	Parkes	14,836	5,105	Y	Y	N	Y	N	N
6250	Parramatta	157,775	57,533	Y	Y	Y	Y	Y	N
6350	Penrith	177,686	62,858	Y	Y	Y	Y	N	N
6370	Pittwater	56,920	21,595	Y	Y	N	Y	Y	Y
6400	Port Stephens	64,698	28,306	Y	Y	Y	Y	N	Y
6470	Queanbeyan	38,593	14,832	Y	Y	N	Y	Y	Y
6550	Randwick	128,435	54,665	Y	Y	N	Y	Y	Y
6610	Richmond Valley	22,471	8,799	Y	Y	N	N	N	Y

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

ABS	Council name	Population (ABS 30 June 2007)	Number of individual households	Supplied data	Kerbside residual MSW collection	Domestic waste to AWT	Kerbside recycling collection	Kerbside organics collection	Drop-off recycling facility
6650	Rockdale	98,070	35,590	Y	Y	N	Y	N	N
6700	Ryde	102,609	39,806	Y	Y	N	Y	Y	N
6900	Shellharbour	64,296	22,848	Y	Y	N	Y	Y	Y
6950	Shoalhaven	92,880	44,100	Y	Y	Y	Y	N	Y
7000	Singleton	23,258	8,025	Y	Y	N	Y	N	Y
7050	Snowy River	7,727	4,409	Y	Y	N	Y	N	Y
7100	Strathfield	34,580	11,770	Y	Y	N	Y	Y	Y
7150	Sutherland	213,917	79,696	Y	Y	N	Y	Y	N
7210	Sydney	168,682	84,213	Y	Y	N	Y	Y	N
7310	Tamworth Regional	56,532	19,877	Y	Y	N	Y	Y	Y
7350	Temora	5,986	2,905	Y	Y	N	Y	N	Y
7400	Tenterfield	6,834	3,032	Y	Y	N	N	N	Y
7450	Tumbarumba	3,672	944	Y	Y	N	Y	N	N
7510	Tumut	11,238	3,782	Y	Y	N	Y	N	Y
7550	Tweed	84,325	36,944	Y	Y	N	Y	Y	N
7620	Upper Hunter	13,594	4,243	Y	Y	N	Y	N	Y
7640	Upper Lachlan	7,329	3,000	Y	Y	N	Y	N	Y
7650	Uralla	5,987	1,469	Y	Y	N	Y	N	Y
7700	Urana Shire	1,286	382	Y	Y	N	N	N	Y
7750	Wagga Wagga	60,857	22,366	Y	Y	N	Y	Y	Y
7800	Wakool	4,416	1,673	Y	Y	N	Y	N	Y
7850	Walcha	3,304	1,770	Y	Y	N	Y	N	Y
7900	Walgett	7,078	2,765	Y	Y	N	N	N	Y
7950	Warren Shire	2,812	1,660	N	Y	N	Y	N	Y
8000	Warringah	140,917	50,598	Y	Y	N	Y	Y	Y
8020	Warrumbungle	10,093	2,650	Y	Y	N	Y	N	N
8050	Waverley	65,108	28,917	Y	Y	N	Y	Y	N
8100	Weddin	3,762	1,063	Y	Y	N	N	N	Y
8150	Wellington	8,250	2,973	N	Y	N	N	N	N
8200	Wentworth	7,149	2,629	Y	Y	N	N	N	N
8250	Willoughby	68,387	27,650	Y	Y	Y	Y	Y	N
8350	Wingecarribee	44,862	24,457	Y	Y	N	Y	N	Y
8400	Wollondilly	41,831	14,176	Y	Y	N	Y	Y	Y
8450	Wollongong	195,768	74,686	Y	Y	N	Y	Y	Y
8500	Woollahra	53,990	25,712	Y	Y	N	Y	Y	N
8550	Wyong	143,988	58,508	Y	Y	N	Y	Y	Y
8710	Yass	14,112	3,392	Y	Y	N	Y	N	Y
8750	Young	12,535	3,319	Y	Y	N	Y	N	Y

Appendix 2: Recovery rates

Domestic waste and recovery stream and kerbside service 2007/08

		Domestic waste stream (Kerbside Service only) 07-08							
ABS	Council name	Dlg group No.	Domestic kerbside, clean up, drop off (dry recyclables and organics)	Domestic kerbside, clean up, drop off waste to landfill	Total domestic waste generated	Domestic kerbside dry recyclables and organics and AWT	Domestic kerbside waste to landfill	Domestic kerbside waste generated	Domestic kerbside resource recovery rate
			tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	%
	NSW		1,478,643	1,947,723	3,426,366	1,222,337	1,514,042	2,736,379	44.7%
	SMA		803,462	901,048	1,704,511	766,447	803,623	1,570,069	48.8%
150	Ashfield	2	5,648	11,430	17,077	5,453	10,409	15,862	34.4%
200	Auburn	2	7,290	19,619	26,909	7,290	17,566	24,856	29.3%
350	Bankstown	3	37,858	42,080	79,938	37,188	39,067	76,255	48.8%
500	Hills Shire	7	33,803	46,673	80,476	33,313	43,378	76,691	43.4%
750	Blacktown	3	93,103	42,122	135,225	92,713	25,362	118,075	n/a 1
1100	Botany Bay	2	4,262	9,425	13,687	3,207	9,425	12,632	25.4%
1300	Burwood	2	5,257	7,379	12,636	4,985	7,147	12,132	41.1%
1450	Camden	6	20,088	11,863	31,951	20,022	11,183	31,205	n/a 3
1500	Campbelltown	7	32,885	33,190	66,075	32,652	29,497	62,149	52.5%
1520	Canada Bay	2	14,152	15,903	30,055	13,943	14,504	28,447	49.0%
1550	Canterbury	3	24,051	35,979	60,030	23,935	32,984	56,919	42.1%
2850	Fairfield	3	53,520	29,893	83,413	53,320	23,496	76,816	n/a 5
3950	Holroyd	3	9,484	32,742	42,226	9,353	30,556	39,909	n/a 6
4000	Hornsby	7	38,170	33,369	71,539	35,827	30,099	65,926	54.3%
4100	Hunters Hill	2	4,198	563	4,760	4,198	352	4,549	n/a 7
4150	Hurstville	3	15,196	21,794	36,990	15,196	19,757	34,953	43.5%
4450	Kogarah	2	11,168	12,835	24,003	10,944	11,363	22,307	49.1%
4500	Ku-ring-gai	3	34,364	21,569	55,933	34,227	19,475	53,702	63.7%
4700	Lane Cove	2	6,084	6,686	12,770	6,084	5,952	12,036	50.6%
4800	Leichhardt	2	9,077	12,088	21,165	8,558	10,122	18,680	45.8%

Appendix 2: Recovery rates (continued)

		Domestic waste stream (Kerbside Service only) 07-08				Domestic waste stream (Kerbside, Clean Up, Drop Off) 07-08			
ABS	Council name	Dlg group No.	Domestic kerbside dry recyclables and organics and AWT tonnes	Domestic kerbside waste to landfill tonnes	Domestic kerbside waste generated tonnes	Domestic kerbside, clean up, drop off waste to landfill tonnes	Domestic kerbside, clean up, drop off (dry recyclables and organics) tonnes	Total domestic waste generated tonnes	Total domestic recovery rate %
4900	Liverpool	7	10,576	60,502	71,078	63,068	10,929	73,997	14.8%
5150	Manly	2	7,655	8,281	15,936	8,281	7,900	16,181	48.8%
5200	Marrickville	3	12,056	16,676	28,732	18,295	12,249	30,544	40.1%
5350	Mosman	2	5,658	6,443	12,101	6,890	6,337	13,227	47.9%
5950	North Sydney	2	14,835	697	15,532	2,135	14,853	16,988	n/a 9
6250	Parramatta	3	33,587	26,392	59,979	31,172	33,587	64,759	n/a 10
6350	Penrith	7	24,372	52,710	77,082	55,363	24,662	80,025	n/a 11
6370	Pittwater	2	11,616	10,657	22,273	12,699	18,604	31,303	59.4%
6550	Randwick	3	19,523	27,727	47,250	30,532	19,836	50,368	39.4%
6650	Rockdale	3	10,824	26,293	37,117	30,888	15,420	46,308	33.3%
6700	Ryde	3	20,950	21,423	42,373	24,797	21,619	46,416	46.6%
7100	Strathfield	2	4,133	6,383	10,516	6,643	4,193	10,836	38.7%
7150	Sutherland	3	52,072	47,508	99,580	53,176	54,904	108,080	50.8%
7210	Sydney	1	15,154	40,230	55,384	42,322	16,654	58,976	28.2%
8000	Warringah	3	28,183	27,201	55,384	32,099	36,920	69,019	53.5%
8050	Waverley	2	10,629	14,218	24,847	14,218	11,643	25,861	45.0%
8250	Willoughby	2	21,177	7,476	28,652	8,347	21,177	29,523	n/a 12
8500	Woollahra	2	11,039	11,877	22,916	12,922	12,318	25,240	48.8%
ERA			203,791	315,897	519,688	437,592	292,184	729,776	40.0%
1720	Cessnock	4	4,108	15,162	19,270	27,162	4,108	31,270	13.1%
3100	Gosford	7	34,052	33,257	67,309	51,214	44,479	95,693	46.5%
3800	Hawkesbury	6	6,768	19,958	26,726	24,552	11,378	35,929	31.7%
4400	Kiama	4	4,221	3,510	7,731	3,668	5,561	9,229	60.3%

4650	Lake Macquarie	5	29,693	73,153	102,846	28.9%	18,327	57,951	76,278	24.0%
5050	Maitland	4	8,105	35,160	43,265	18.7%	5,620	20,287	25,907	21.7%
5900	Newcastle	5	16,770	50,226	66,997	25.0%	15,678	46,816	62,494	25.1%
6400	Port Stephens	4	18,961	14,224	33,185	57.1%	18,841	11,655	30,496	61.8%
6900	Shellharbour	4	14,698	20,381	35,079	41.9%	8,844	13,312	22,156	39.9%
6950	Shoalhaven	5	27,207	34,947	62,154	43.8%	11,171	21,656	32,827	34.0%
8350	Wingecarribee	4	15,724	7,247	22,971	68.5%	4,992	5,908	10,900	45.8%
8450	Wollongong	5	50,268	48,835	99,103	50.7%	38,276	37,867	76,143	50.3%
8550	Wyong	7	45,233	46,821	92,054	49.1%	32,894	28,558	61,452	53.5%
Rest of the state			382,997	629,588	1,012,585	37.8%	252,099	394,523	646,622	39.0%
60	Albury	4	11,108	26,131	37,239	29.8%	6,894	24,330	31,224	22.1%
110	Armidale									
	Dumaresq	4	9,322	4,637	13,959	66.8%	8,450	4,637	13,087	64.6%
250	Ballina	4	13,011	11,527	24,538	53.0%	5,766	10,440	16,206	35.6%
300	Bairanald ¹	9	33	565	598	5.5%	0	500	500	N/A
470	Bathurst	4	2,349	40,005	42,353	5.5%	1,277	10,500	11,777	10.8%
550	Bega Valley	4	8,888	15,136	24,024	37.0%	5,592	8,974	14,566	38.4%
600	Bellingen	11	4,057	2,358	6,415	63.2%	2,503	1,508	4,011	62.4%
650	Berrigan	10	877	1,352	2,229	39.3%	874	928	1,802	48.5%
800	Bland ¹	10	0	4,839	4,839	N/A	0	2,991	2,991	N/A
850	Blayney	10	1,538	2,664	4,202	36.6%	494	2,664	3,158	15.6%
900	Blue Mountains	7	23,462	27,675	51,137	45.9%	7,726	23,224	30,950	25.0%
950	Bogan ^{1,2}	9	0	0	0	N/A	0	0	0	N/A
1000	Bombala	9	1,250	935	2,185	n/a 2	588	568	1,156	n/a 2
1050	Boorowa ²	9	68	0	68	N/A	68	0	68	N/A
1150	Bourke ¹	9	210	1,844	2,054	10.2%	0	998	998	N/A
1200	Brewarrina ¹	9	155	350	505	30.7%	0	150	150	N/A
1250	Broken Hill	4	5,658	10,317	15,975	35.4%	1,139	6,728	7,867	14.5%

Appendix 2: Recovery rates (continued)

		Domestic waste stream (Kerbside, Clean Up, Drop Off) 07-08				Domestic waste stream (Kerbside Service only) 07-08				
ABS	Council name	Dlg group No.	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 and AWT tonnes	Domestic kerbside waste to landfill tonnes	Domestic kerbside waste generated tonnes	Domestic kerbside resource recovery rate %
1350	Byron	4	10,570	5,515	16,085	65.7%	4,387	4,626	9,013	48.7%
1400	Cabonne	11	1,426	2,500	3,926	36.3%	568	1,500	2,068	27.5%
1600	Carrathool ¹	9	180	335	515	35.0%	0	335	335	N/A
1700	Central Darling ¹	9	0	1,000	1,000	N/A	0	1,000	1,000	N/A
1730	Clarence Valley	4	16,225	19,835	36,060	45.0%	8,969	11,617	20,586	43.6%
1750	Cobar ¹	10	0	1,480	1,480	N/A	0	1,480	1,480	N/A
1800	Coffs Harbour	4	37,229	4,374	41,604	n/a 4	37,031	3,607	40,638	n/a 4
1860	Conargo ^{1,4}	8	0	1,226	1,226	N/A	0	0	0	N/A
2000	Coolamon ²	9	244	0	244	N/A	244	0	244	N/A
2060	Cooma-Monaro	10	1,459	2,412	3,871	37.7%	640	1,797	2,437	26.3%
2150	Coonamble ³	9	100	4,000	4,100	N/A	0	2,000	2,000	N/A
2200	Cootamundra	10	1,606	6,512	8,118	19.8%	623	3,868	4,491	13.9%
2310	Corowa	11	853	4,096	4,949	17.2%	853	1,696	2,549	33.5%
2350	Cowra	11	1,099	3,697	4,796	22.9%	1,066	3,276	4,342	24.5%
2500	Deniliquin ¹	4	744	5,969	6,713	11.1%	0	3,857	3,857	N/A
2600	Dubbo	4	1,824	15,794	17,618	10.4%	33	13,195	13,228	0.2%
2700	Dungog	10	1,101	3,300	4,401	25.0%	733	2,100	2,833	25.9%
2750	Eurobodalla	4	8,696	10,849	19,545	44.5%	7,641	5,490	13,132	58.2%
2900	Forbes	10	49	6,350	6,399	0.8%	49	2,600	2,649	1.8%
2950	Gilgandra	9	1,103	900	2,003	55.1%	443	900	1,343	33.0%
3020	Glen Innes Severn	6	1,685	1,540	3,225	52.2%	1,188	1,500	2,688	44.2%
3050	Gloucester ²	9	356	0	356	N/A	356	0	356	N/A
3310	Goulburn Mulwarree	4	3,679	3,030	6,709	54.8%	3,499	3,030	6,529	53.6%

3350	Greater Taree	4	6,763	13,111	19,874	34.0%	4,692	10,516	15,208	30.9%
3370	Greater Hume	11	947	3,190	4,137	22.9%	483	1,500	1,983	24.4%
3400	Great Lakes	4	4,966	17,302	22,268	22.3%	4,097	9,155	13,252	30.9%
3450	Griffith City ¹	4	2,276	15,215	17,491	13.0%	0	8,834	8,834	N/A
3500	Gundagai	9	257	583	840	30.6%	257	513	770	33.4%
3550	Gunnedah	11	3,698	5,833	9,531	38.8%	2,647	2,600	5,247	50.4%
3650	Guyra	9	249	838	1,086	22.9%	245	837	1,082	22.7%
3660	Gwydir ²	10	1,156	0	1,156	N/A	420	0	420	N/A
3700	Harden ¹	9	0	1,050	1,050	N/A	0	1,050	1,050	N/A
3750	Port Macquarie-Hastings	4	26,750	31,005	57,755	46.3%	25,067	9,523	34,590	72.5%
3850	Hay ²	9	10	0	10	N/A	10	0	10	N/A
4200	Inverell	11	2,267	9,000	11,267	20.1%	2,267	9,000	11,267	20.1%
4250	Jerilderie ¹	8	160	1,012	1,172	13.7%	0	960	960	N/A
4300	Junee	10	527	1,172	1,699	31.0%	507	842	1,349	37.6%
4350	Kempsey	4	2,509	12,156	14,665	17.1%	1,576	8,425	10,001	15.8%
4550	Kyogle ¹	10	828	4,108	4,936	16.8%	0	2,529	2,529	N/A
4600	Lachlan ¹	10	0	2,037	2,037	N/A	0	2,037	2,037	N/A
4750	Leeton	11	280	4,450	4,730	5.9%	140	3,200	3,340	4.2%
4850	Lismore	4	20,301	12,299	32,600	62.3%	15,823	6,703	22,526	70.2%
4880	Lithgow	4	1,595	12,017	13,612	11.7%	815	0	815	N/A
4920	Liverpool Plains	10	962	2,360	3,322	29.0%	283	2,351	2,634	10.7%
4950	Lockhart ^{1,2}	9	6	5,303	5,309	0.1%	0	0	0	N/A
5270	Mid-Western	4	2,345	8,519	10,864	21.6%	2,345	3,600	5,945	39.4%
5300	Moree Plains	11	3,147	3,296	6,443	48.8%	877	3,067	3,944	22.2%
5500	Murray	10	839	2,847	3,686	22.8%	468	2,747	3,215	14.6%
5550	Murrumbidgee ¹	9	0	1,190	1,190	N/A	0	1,190	1,190	N/A
5650	Muswellbrook	11	5,027	2,706	7,733	65.0%	3,782	2,706	6,487	58.3%
5700	Nambucca	11	7,761	4,987	12,748	n/a 8	7,637	0	7,637	n/a 8

Appendix 2: Recovery rates (continued)

		Domestic waste stream (Kerbside, Clean Up, Drop Off) 07-08				Domestic waste stream (Kerbside Service only) 07-08				
ABS	Council name	DLG group No.	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 and AWT tonnes	Domestic kerbside waste to landfill tonnes	Domestic kerbside waste generated tonnes	Domestic kerbside resource recovery rate %
5750	Narrabri	11	1,535	12,000	13,535	11.3%	1,535	8,000	9,535	16.1%
5800	Narrandera ¹	10	0	960	960	N/A	0	960	960	N/A
5850	Narramine	10	836	1,734	2,570	32.5%	836	1,709	2,545	32.9%
6110	Oberon ¹	10	116	4,800	4,916	2.4%	0	1,100	1,100	N/A
6150	Orange	4	9,443	15,656	25,099	37.6%	3,764	13,449	17,213	21.9%
6180	Palerang	11	1,350	9,300	10,650	12.7%	650	800	1,450	44.8%
6200	Parkes ²	11	1,100	0	1,100	N/A	1,090	0	1,090	N/A
6470	Queanbeyan	4	7,767	8,607	16,374	47.4%	5,198	8,092	13,290	39.1%
6610	Richmond Valley ¹	4	1,881	12,410	14,292	13.2%	0	8,213	8,213	N/A
7000	Singleton	4	4,586	8,876	13,462	34.1%	2,048	5,616	7,664	26.7%
7050	Snowy River	10	723	2,150	2,873	25.2%	305	1,629	1,934	15.8%
7310	Tamworth Regional	4	20,952	20,236	41,187	50.9%	6,155	11,577	17,732	34.7%
7350	Temora	10	517	3,200	3,717	13.9%	85	1,700	1,785	4.7%
7400	Tenterfield ¹	10	895	4,006	4,901	18.3%	0	1,350	1,350	N/A
7450	Tumbarumba	9	118	840	958	12.3%	63	500	563	11.2%
7510	Tumut	11	1,519	3,900	5,419	28.0%	1,519	2,850	4,369	34.8%
7550	Tweed	5	22,860	24,244	47,103	48.5%	14,982	23,357	38,338	39.1%
7620	Upper Hunter ³	11	0	2,494	2,494	N/A	0	2,494	2,494	N/A
7640	Upper Lachlan	10	1,248	12,385	13,633	9.2%	750	5,200	5,950	12.6%
7650	Uralla	10	1,767	2,681	4,448	39.7%	761	1,811	2,572	29.6%
7700	Urana Shire ¹	8	6	741	747	0.8%	0	740	740	N/A
7750	Wagga Wagga	4	17,884	14,541	32,425	55.2%	16,964	10,923	27,887	60.8%
7800	Wakool	9	406	654	1,060	38.3%	341	502	843	40.5%

7850	Walcha	9	702	1,080	1,782	39.4%	226	600	826	27.4%
7900	Walgett ^{1,2}	10	0	0	0	N/A	0	0	0	N/A
7950	Warren Shire ^{1,2,3}	9	0	0	0	N/A	0	0	0	N/A
8020	Warrumbungle	11	1,427	784	2,211	64.5%	1,427	784	2,211	64.5%
8100	Weddin ^{1,2}	9	352	800	1,152	30.5%	0	0	0	N/A
8150	Wellington ^{1,2}	10	0	0	0	N/A	0	0	0	N/A
8200	Wentworth ¹	10	0	7,000	7,000	N/A	0	5,000	5,000	N/A
8400	Wollondilly	6	8,598	13,581	22,179	38.8%	7,501	9,688	17,189	43.6%
8710	Yass	11	3,959	7,274	11,233	35.2%	576	3,382	3,957	14.5%
8750	Young ²	11	2,613	20	2,633	N/A	1,192	0	1,192	N/A

1 No Recycling service

2 No Waste data provided

3 No Recycling data provided

4 No Waste service

N/A No service or data supplied to calculate rate

n/a 1 Council assumed 81.4% of waste sent to AWT was recovered

n/a 2 Council assumed 100% of waste sent to AWT was recovered

n/a 3 Council assumed 100% of waste sent to AWT was recovered

n/a 4 Council assumed 85.8% of waste sent to AWT was recovered

n/a 5 Council assumed 70% of waste sent to AWT was recovered

n/a 6 Council assumed 92% of waste sent to AWT was recovered

n/a 7 Council assumed 88.1% of waste sent to AWT was recovered

n/a 8 Council assumed 100% of waste sent to AWT was recovered

n/a 9 Council assumed 88.4% of waste sent to AWT was recovered

n/a 10 Council assumed 75% of waste sent to AWT was recovered

n/a 11 Council assumed 70% of waste sent to AWT was recovered

n/a 12 Council assumed 92.8% of waste sent to AWT was recovered

Appendix 3: Domestic recycling by household and capita 2007/08

ABS	Council	DLG Group No.	Total domestic recycling predominant BIN SIZE	Kerbside Dry Recycling kg/wk/hh	Kerbside Dry Recycling kg/wk/ca
	NSW				
60	Albury	4	240f	4.25	1.83
110	Armidale Dumaresq	4	55w	7.36	2.49
150	Ashfield	2	240f	4.66	1.94
200	Auburn	2	240f	2.99	0.94
250	Ballina	4	240f	6.80	2.71
300	Balranald	9			
350	Bankstown	3	240f	5.62	1.78
470	Bathurst	4	240f	1.91	0.93
500	Hills Shire	7	240f	6.38	2.17
550	Bega Valley	4	240f	4.73	2.10
600	Bellingen	11	240split f	6.47	1.87
650	Berrigan	10	240f	6.20	3.03
750	Blacktown	3	240f	5.32	1.77
800	Bland	10			
850	Blayney	10	240f	4.12	1.36
900	Blue Mountains	7	crate w	4.58	1.95
950	Bogan	9			
1000	Bombala	9	crate w	5.46	1.88
1050	Boorowa	9	240f	2.12	1.57
1100	Botany Bay	2	crate w	4.69	1.63
1150	Bourke	9			
1200	Brewarrina	9			
1250	Broken Hill	4			
1300	Burwood	2	240f	5.73	1.87
1350	Byron	4	240f	6.98	2.73
1400	Cabonne	11	240f	4.27	0.84
1450	Camden	6	240w	7.49	2.38
1500	Campbelltown	7	240f	5.33	2.02
1520	Canada Bay	2	240f	5.77	2.48
1550	Canterbury	3	240f	5.14	1.88
1600	Carrathool	9			
1700	Central Darling	9			
1720	Cessnock	4	240split f	4.34	1.61
1730	Clarence Valley	4	240split f	4.01	1.58
1750	Cobar	10			
1800	Coffs Harbour	4	other	9.55	3.82
1860	Conargo	8			
2000	Coolamon	9	240f	3.16	1.13

ABS	Council	DLG Group No.	Total domestic recycling predominant BIN SIZE	Kerbside Dry Recycling	Kerbside Dry Recycling
	NSW			kg/wk/hh	kg/wk/ca
2060	Cooma-Monaro	10	other	3.78	1.90
2150	Coonamble	9	120f	0.00	0.00
2200	Cootamundra	10	240w	3.52	1.59
2310	Corowa	11	240f	3.13	1.44
2350	Cowra	11	other	5.82	1.86
2500	Deniliquin	4			
2600	Dubbo	4	bag fn	1.63	0.60
2700	Dungog	10	240f	4.59	1.68
2750	Eurobodalla	4	240f	5.09	3.24
2850	Fairfield	3	240split f	3.74	1.17
2900	Forbes	10	240f	0.29	0.10
2950	Gilgandra	9	other	4.82	1.84
3020	Glen Innes Severn	6	240f	8.58	2.90
3050	Gloucester	9	240f	4.33	1.38
3100	Gosford	7	240f	4.60	2.07
3310	Goulburn Mulwarree	4	240f	6.65	3.11
3350	Greater Taree	4	240f	4.52	1.91
3370	Greater Hume	11	240f	3.76	0.91
3400	Great Lakes	4	240split w	3.97	2.29
3450	Griffith City	4			
3500	Gundagai	9	240f	5.96	1.80
3550	Gunnedah	11	120w	7.81	2.75
3650	Guyra	9	55w	4.68	1.16
3660	Gwydir	10	240f	5.19	1.49
3700	Harden	9			
3750	Port Macquarie - Hastings	4	240f	9.19	3.46
3800	Hawkesbury	6	240f	5.43	2.09
3850	Hay	9			
3950	Holroyd	3	240f	4.82	1.63
4000	Hornsby	7	240f	6.49	2.21
4100	Hunters Hill	2	other	6.47	2.17
4150	Hurstville	3	240f	5.12	1.95
4200	Inverell	11	240f	7.88	3.61
4250	Jerilderie	8			
4300	Junee	10	240f	4.70	1.61
4350	Kempsey	4	240f	2.71	1.18
4400	Kiama	4	240f	5.11	2.12
4450	Kogarah	2	240f	5.56	2.10
4500	Ku-ring-gai	3	240f	8.75	3.01
4550	Kyogle	10			
4600	Lachlan	10			

Appendix 3: Domestic recycling by household and capita 2007/08 (continued)

ABS	Council	DLG Group No.	Total domestic recycling predominant BIN SIZE	Kerbside Dry Recycling kg/wk/hh	Kerbside Dry Recycling kg/wk/ca
NSW					
4650	Lake Macquarie	5	240split f	4.79	1.83
4700	Lane Cove	2	120f	5.82	2.27
4750	Leeton	11			
4800	Leichhardt	2	other	5.82	2.74
4850	Lismore	4	240f	5.09	1.60
4880	Lithgow	4	crate w	1.99	1.05
4900	Liverpool	7	crate w	4.12	1.36
4920	Liverpool Plains	10	crate w	2.01	0.69
4950	Lockhart	9			
5050	Maitland	4	240split f	4.43	1.62
5150	Manly	2	80f	6.41	2.86
5200	Marrickville	3	240f	5.24	2.35
5270	Mid-Western	4	crate w	9.14	3.31
5300	Moree Plains	11	240f	2.80	1.18
5350	Mosman	2	2x120f	7.51	3.29
5500	Murray	10	240f	3.97	1.33
5550	Murrumbidgee	9			
5650	Muswellbrook	11	240f	5.56	1.75
5700	Nambucca	11	240f	6.05	2.04
5750	Narrabri	11	240f	7.57	2.19
5800	Narrandera	10			
5850	Narromine	10	bag w	8.00	2.64
5900	Newcastle	5	240f	5.18	2.01
5950	North Sydney	2	crate w	4.94	2.53
6110	Oberon	10			
6150	Orange	4	240f	5.17	2.03
6180	Palerang	11	other	7.74	2.64
6200	Parkes	11	240f	4.11	1.41
6250	Parramatta	3	240f	5.89	2.15
6350	Penrith	7	240f	5.43	1.92
6370	Pittwater	2	140w	8.50	3.22
6400	Port Stephens	4	240f	3.62	1.58
6470	Queanbeyan	4	240f	4.52	1.74
6550	Randwick	3	240f	4.80	2.04
6610	Richmond Valley	4			
6650	Rockdale	3	240f	5.85	2.12
6700	Ryde	3	240f	5.50	2.13
6900	Shellharbour	4	240f	5.74	2.04

ABS	Council	DLG Group No.	Total domestic recycling predominant BIN SIZE	Kerbside Dry Recycling	Kerbside Dry Recycling
	NSW			kg/wk/hh	kg/wk/ca
6950	Shoalhaven	5	240f	4.79	2.28
7000	Singleton	4	240f	5.00	1.72
7050	Snowy River	10	other	2.42	1.38
7100	Strathfield	2	240f	4.60	1.57
7150	Sutherland	3	240f	6.94	2.58
7210	Sydney	1	crate w	3.38	1.69
7310	Tamworth Regional	4	crate w	3.62	1.27
7350	Temora	10	bag call	0.68	0.33
7400	Tenterfield	10			
7450	Tumbarumba	9	240f	1.29	0.33
7510	Tumut	11	240f	7.72	2.60
7550	Tweed	5	240split w	4.98	2.18
7620	Upper Hunter	11	240f	0.00	0.00
7640	Upper Lachlan	10	240f	4.81	1.97
7650	Uralla	10	crate w	9.96	2.44
7700	Urana Shire	8			
7750	Wagga Wagga	4	240f	10.28	3.78
7800	Wakool	9	240f	5.42	2.05
7850	Walcha	9	crate w	5.59	2.99
7900	Walgett	10			
7950	Warren Shire	9	bag w	0.00	0.00
8000	Warringah	3	120w	7.45	2.68
8020	Warrumbungle	11	crate w	10.35	2.72
8050	Waverley	2	other	6.37	2.83
8100	Weddin	9			
8150	Wellington	10			
8200	Wentworth	10			
8250	Willoughby	2	240w	5.54	2.24
8350	Wingecarribee	4	240f	5.80	3.16
8400	Wollondilly	6	240f	4.92	1.67
8450	Wollongong	5	240f	3.95	1.51
8500	Woollahra	2	other	6.05	2.88
8550	Wyong	7	240f	4.20	1.71
8710	Yass	11	240f	3.26	0.78
8750	Young	11	240w	6.92	1.83

Note: Figures based on Kerbside Collection with a Kerbside service, other = combination of bins and frequency

Appendix 4: Domestic waste charges and weekly yield per household and capita

ABS	Council name	Region	DLG group No.	Kerbside domestic waste main bin size	Domestic waste management charges	Kerbside residual waste	Kerbside residual waste
					\$	kg/wk/hh	kg/wk/ca
60	Albury	N	4	140w	\$230.00	22.10	9.49
110	Armidale Dumaresq	N	4	140w	\$220.00	10.68	3.61
150	Ashfield	S	2	120w	\$234.65	11.50	4.79
200	Auburn	S	2	120w	\$257.20	15.12	4.76
250	Ballina	N	4	240w	\$225.00	12.32	4.90
300	Balranald	N	9	240w	\$217.00	11.57	3.82
350	Bankstown	S	3	120w	\$270.00	13.24	4.18
470	Bathurst	N	4	240w	\$149.00	10.94	5.36
500	Hills Shire	S	7	140w	\$265.00	14.58	4.96
550	Bega Valley	N	4	140w	\$285.88	11.93	5.28
600	Bellingen	N	11	240f	\$395.00	7.67	2.22
650	Berrigan	N	10	120w	\$184.00	4.33	2.11
750	Blacktown	S	3	240w	\$240.00	5.16	1.71
800	Bland	N	10	240w	\$225.00	36.02	9.01
850	Blayney	N	10	240w	\$180.00	22.25	7.35
900	Blue Mountains	N	7	240w	\$149.00	13.76	5.87
950	Bogan	N	9	120w	\$122.16	0.00	0.00
1000	Bombala	N	9	140w	\$197.00	12.02	4.15
1050	Boorowa	N	9	240w	\$176.00	0.00	0.00
1100	Botany Bay	S	2	240w	\$269.00	13.79	4.79
1150	Bourke	N	9	240w	\$202.00	18.02	6.21
1200	Brewarrina	N	9	240w	\$268.00	7.90	1.48
1250	Broken Hill	N	4	240w	\$141.75	13.05	6.45
1300	Burwood	S	2	120w	\$268.00	12.82	4.18
1350	Byron	N	4	140w	\$170.00	7.36	2.88
1400	Cabonne	N	11	240w	\$248.40	11.29	2.23
1450	Camden	S	6	120w	\$224.00	12.99	4.12
1500	Campbelltown	S	7	140w	\$202.80	10.15	3.85
1520	Canada Bay	S	2	120w	\$211.98	9.18	3.95
1550	Canterbury	S	3	140w	\$264.00	12.57	4.60
1600	Carrathool	N	9	240w	\$155.25	4.01	2.21
1700	Central Darling	N	9	240w	\$316.00	14.05	9.68
1720	Cessnock	E	4	240w	\$312.00	16.02	5.95
1730	Clarence Valley	N	4	240w	\$191.00	11.20	4.42
1750	Cobar	N	10	240w	\$160.00	12.48	5.53
1800	Coffs Harbour	N	4	120f	\$305.00	2.51	1.01
1860	Conargo	N	8		\$0.00	0.00	0.00

ABS	Council name	Region	DLG group No.	Kerbside domestic waste main bin size	Domestic waste management charges	Kerbside residual waste	Kerbside residual waste
					\$	kg/wk/hh	kg/wk/ca
2000	Coolamon	N	9	140w	\$225.00	0.00	0.00
2060	Cooma-Monaro	N	10	240w	\$296.00	10.53	3.41
2150	Coonamble	N	9	240w	\$252.00	26.93	9.02
2200	Cootamundra	N	10	240w	\$237.00	21.87	9.88
2310	Corowa	N	11	240w	\$200.00	6.19	2.85
2350	Cowra	N	11	240w	\$378.00	15.23	4.87
2500	Deniliquin	N	4	240w	\$254.00	26.06	9.67
2600	Dubbo	N	4	240w	\$134.00	17.38	6.38
2700	Dungog	N	10	240w	\$231.50	13.12	4.80
2750	Eurobodalla	N	4	80w	\$223.65	5.30	2.87
2850	Fairfield	S	3	240w	\$290.16	7.73	2.41
2900	Forbes	N	10	240w	\$221.35	15.64	5.14
2950	Gilgandra	N	9	240w	\$282.00	9.81	3.74
3020	Glen Innes Severn	N	6	140w	\$235.40	9.43	3.19
3050	Gloucester	N	9	240w	\$210.60	0.00	0.00
3100	Gosford	E	7	120w	\$157.69	8.75	3.94
3310	Goulburn Mulwarree	N	4	140w	\$192.00	6.41	2.13
3350	Greater Taree	N	4	120w	\$215.46	10.13	4.28
3370	Greater Hume	N	11	240w	\$195.00	11.73	2.83
3400	Great Lakes	N	4	240sw	\$215.46	8.86	5.12
3450	Griffith City	N	4	240w	\$191.00	19.90	6.81
3500	Gundagai	N	9	120w	\$236.50	8.58	2.59
3550	Gunnedah	N	11	140w	\$218.00	11.87	4.18
3650	Guyra	N	9	240w	\$358.00	14.69	3.65
3660	Gwydir	N	10	240w	\$160.45	0.00	0.00
3700	Harden	N	9	240w	\$287.50	20.82	5.48
3750	Port Macquarie - Hastings	N	4	120w	\$236.60	6.75	2.53
3800	Hawkesbury	E	6	240w	\$270.00	16.01	6.17
3850	Hay	N	9	240w	\$97.00	0.00	0.00
3950	Holroyd	S	3	240w	\$221.50	18.26	6.18
4000	Hornsby	S	7	140w	\$256.00	10.74	3.66
4100	Hunters Hill	S	2	240w	\$368.11	1.44	0.48
4150	Hurstville	S	3	120w	\$274.50	12.82	4.89
4200	Inverell	N	11	240w	\$259.00	31.26	10.65
4250	Jerilderie	N	8	120f	\$155.00	43.54	11.01
4300	Junee	N	10	120w	\$205.00	7.80	2.68
4350	Kempsey	N	4	240w	\$235.00	14.47	5.67
4400	Kiama	E	4	140w	\$238.93	8.11	3.36
4450	Kogarah	S	2	120w	\$104.10	10.38	3.91

Appendix 4: Domestic waste charges and weekly yield per household and capita (*continued*)

ABS	Council name	Region	DLG group No.	Kerbside domestic waste main bin size	Domestic waste management charges	Kerbside residual waste	Kerbside residual waste
					\$	kg/wk/hh	kg/wk/ca
4500	Ku-ring-gai	S	3	120w	\$265.00	10.19	3.51
4550	Kyogle	N	10	240w	\$237.00	13.55	5.02
4600	Lachlan	N	10	240w	\$157.60	21.34	5.75
4650	Lake Macquarie	E	5	240w	\$257.10	15.16	5.77
4700	Lane Cove	S	2	80w	\$325.00	9.14	3.57
4750	Leeton	N	11	240w	\$252.50	13.80	5.27
4800	Leichhardt	S	2	120w	\$272.97	7.97	3.75
4850	Lismore	N	4	140f	\$185.00	9.21	2.89
4880	Lithgow	N	4	240w	\$278.00	0.00	0.00
4900	Liverpool	S	7	240w	\$243.92	20.35	6.73
4920	Liverpool Plains	N	10	120w	\$233.00	16.67	5.76
4950	Lockhart	N	9	240w	\$163.00	0.00	0.00
5050	Maitland	E	4	240w	\$251.50	16.01	5.86
5150	Manly	S	2	80w	\$397.00	9.00	4.01
5200	Marrickville	S	3	140w	\$311.60	9.38	4.20
5270	Mid-Western	N	4	240w	\$220.00	11.31	3.13
5300	Moree Plains	N	11	140w	\$240.00	9.79	4.12
5350	Mosman	S	2	120w	\$290.00	10.04	4.40
5500	Murray	N	10	140w	\$181.05	22.71	7.61
5550	Murrumbidgee	N	9	240w	\$100.00	27.98	8.90
5650	Muswellbrook	N	11	240w	\$247.00	10.29	3.24
5700	Nambucca	N	11	120f	\$142.41	0.00	0.00
5750	Narrabri	N	11	120w	\$300.00	39.43	11.39
5800	Narrandera	N	10	240w	\$204.36	8.88	2.99
5850	Narromine	N	10	240w	\$225.00	14.81	4.89
5900	Newcastle	E	5	240w	\$226.03	15.45	5.99
5950	North Sydney	S	2	55w	\$186.00	0.42	0.21
6110	Oberon	N	10	240w	\$128.00	18.51	4.01
6150	Orange	N	4	240w	\$196.00	17.68	6.93
6180	Palerang	N	11	240w	\$420.00	9.53	1.15
6200	Parkes	N	11	240w	\$220.00	0.00	0.00
6250	Parramatta	S	3	140w	\$241.70	8.82	3.22
6350	Penrith	S	7	240w	\$106.89	16.13	5.70
6370	Pittwater	S	2	80w	\$325.00	9.79	3.60
6400	Port Stephens	E	4	240w	\$242.71	7.92	3.46
6470	Queanbeyan	N	4	120w	\$202.00	10.49	4.03
6550	Randwick	S	3	140w	\$351.60	9.75	4.15

ABS	Council name	Region	DLG group No.	Kerbside domestic waste main bin size	Domestic waste management charges	Kerbside residual waste	Kerbside residual waste
					\$	kg/wk/hh	kg/wk/ca
6610	Richmond Valley	N	4	240w	\$232.00	17.95	7.03
6650	Rockdale	S	3	240w	\$263.00	14.21	5.16
6700	Ryde	S	3	140w	\$282.00	10.35	4.02
6900	Shellharbour	E	4	240f	\$300.00	11.20	3.98
6950	Shoalhaven	E	5	120w	\$136.56	9.44	4.48
7000	Singleton	N	4	240w	\$261.00	13.46	4.64
7050	Snowy River	N	10	240w	\$324.00	12.94	4.05
7100	Strathfield	S	2	120w	\$283.00	10.43	3.55
7150	Sutherland	S	3	120w	\$257.00	11.46	4.27
7210	Sydney	S	1	120w	\$272.50	9.19	4.59
7310	Tamworth Regional	N	4	240w	\$214.00	11.20	3.94
7350	Temora	N	10	240w	\$136.70	13.68	5.46
7400	Tenterfield	N	10	120w	\$218.00	8.56	3.80
7450	Tumbarumba	N	9	140w	\$340.00	10.19	2.62
7510	Tumut	N	11	120w	\$255.50	14.49	4.88
7550	Tweed	N	5	240w	\$254.30	13.81	5.33
7620	Upper Hunter	N	11	240w	\$293.00	11.30	3.53
7640	Upper Lachlan	N	10	120w	\$270.00	33.33	13.64
7650	Uralla	N	10	240w	\$145.00	23.71	5.82
7700	Urana Shire	N	8	240w	\$150.00	37.25	11.07
7750	Wagga Wagga	N	4	120w	\$187.00	9.82	3.45
7800	Wakool	N	9	120w	\$220.00	5.77	2.19
7850	Walcha	N	9	240w	\$275.00	14.83	3.49
7900	Walgett	N	10	240w	\$287.35	0.00	0.00
7950	Warren Shire	N	9	240w	\$190.00	0.00	0.00
8000	Warringah	S	3	80w	\$154.00	10.34	3.71
8020	Warrumbungle	N	11	240w	\$227.04	5.69	1.49
8050	Waverley	S	2	140w	\$334.10	9.46	4.20
8100	Weddin	N	9	240w	\$167.00	0.00	0.00
8150	Wellington	N	10	240w	\$177.00	0.00	0.00
8200	Wentworth	N	10	240w	\$175.00	36.57	13.45
8250	Willoughby	S	2	140w	\$330.00	5.20	2.10
8350	Wingecarribee	E	4	80w	\$270.00	6.87	2.53
8400	Wollondilly	N	6	120w	\$220.00	13.14	4.45
8450	Wollongong	E	5	120w	\$213.00	9.75	3.72
8500	Woollahra	S	2	120w	\$281.35	8.88	4.23
8550	Wyong	E	7	140w	\$266.00	9.39	3.81
8710	Yass	N	11	140w	\$282.00	19.17	4.61
8750	Young	N	11	140w	\$248.30	0.00	0.00

