



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

2008–2009

Disclaimer

The Office of Environment and Heritage, Department of Premier and Cabinet has made all reasonable efforts to ensure that the contents of this document are factual and free of error. However the State of NSW and the Office of Environment and Heritage shall not be liable for any damage or loss which may occur in relation to any person taking action or not on the basis of this document.

Published by:

Office of Environment and Heritage
Department of Premier and Cabinet
59–61 Goulburn Street

PO Box A290

Sydney South 1232

Ph: (02) 9995 5000 (switchboard)

Ph: 131 555 (environment information and publications requests)

Ph: 1300 361 967 (national parks information and publications requests)

Fax: (02) 9995 5999

TTY: (02) 9211 4723

Email: info@environment.nsw.gov.au

Website: www.environment.nsw.gov.au

OEH 2012/0063

ISBN 978 1 74293 326 9

Published February 2012

© Copyright State of NSW and the Office of Environment and Heritage,
Department of Premier and Cabinet 2012

The Office of Environment and Heritage, Department of Premier and Cabinet and the State of NSW are pleased to allow this material to be reproduced in whole or in part, provided the meaning is unchanged and its source, publisher and authorship are acknowledged.

Contents

Background	6
1. Kerbside collection of recyclables	7
1.1 Dry recyclables collection	7
1.2 Kerbside organics collection	12
2. Kerbside residual waste collection for landfill or AWT	17
3. Kerbside Clean up/Hard waste collection	23
4. Drop off facilities provided by councils	24
5. Domestic Waste Resource Recovery rates	25
6. Domestic waste management charges	30
Glossary	30

List of figures

Figure 1: NSW councils providing kerbside recycling collection services	8
Figure 2: Average reported kerbside dry recyclables collected per household per week across local government areas	9
Figure 3: Average reported weekly quantity collected of household recyclables, by collection system	10
Figure 4: Kerbside dry recycling reported as collected in NSW from 2000–01 to 2008–09	10
Figure 5: Average household recyclables reported as collected per week in NSW 2000–01 to 2008–09	11
Figure 6: Annual quantity and weekly per capita reported as collection of dry recyclables in NSW 2000–01 to 2008–09	11
Figure 7: NSW councils providing kerbside garden organics collection services	13
Figure 8: Average quantity of household garden organics reported as collected across local government areas	14
Figure 9: Average weekly quantity collected of household garden organics, by collection system	15
Figure 10: Kerbside garden organics reported as collected in NSW from 2000–01 to 2008–09	15
Figure 11: Average weekly quantity reported as collected of household garden organics per household in NSW, 2000–01 to 2008–09	16
Figure 12: Annual quantity and average weekly collection of garden organics per capita in NSW, 2000–01 to 2008–09	16
Figure 13: NSW councils providing kerbside residual waste collection services	17
Figure 14: Average quantity reported as collected of household residual waste, across local government areas	18
Figure 15: Average weekly quantity reported as collected of household residual waste, by collection system	19
Figure 16: Kerbside residual waste reported as collected in NSW from 2005–2006 to 2008–2009	20

Figure 17: Average weekly quantity reported as collected household residual waste in NSW 2005–06 to 2008–09	20
Figure 18: Annual total quantity and average weekly per capita quantity reported as collected of residual waste	21
Figure 19: Domestic waste recovered by AWT by region	22
Figure 20: NSW councils with a kerbside clean up service	23
Figure 21: NSW councils providing a recycling drop off facility	24
Figure 22: Reported recovery materials by category	25
Figure 23: SMA Recovery Rate 2008–09	26
Figure 24: ERA Recovery Rate 2008–09	27
Figure 25: Rest of the state recovery rate 2008–09	28

List of tables

Table 1: Total Domestic Resource Recovery Rates 2005–06 to 2008–09	5
Table 2: Annual NSW reported tonnages of recyclables collected at kerbside Tonnes (000's)	7
Table 3: Percentage coverage of household and population with a dry recycling service in NSW	7
Table 4: Average reported annual dry recyclables collected by household and population	8
Table 5: Average reported annual quantity collected of household dry recyclables, by collection system	9
Table 6: Percentage coverage of household and population with garden organics service in NSW	12
Table 7: Average annual quantity of garden organics reported as collected by household and population	13
Table 8: Average annual quantity collected of household garden organics, by collection system	14
Table 9: Percentage coverage of household and population with a residual waste service in NSW	17
Table 10: Average annual quantity of residual waste collected by reporting councils by household and population	18
Table 11: Average annual quantity reported as collected of household residual waste, by collection system	19
Table 12: Total Domestic Resource Recovery Rate Trend	25

Appendices

Appendix 1: Waste and resource recovery services 2008–09	33
Appendix 2: Resource recovery rates (Total domestic and kerbside) 2008–09	39
Appendix 3: Kerbside generation by household and population 2008-09	46
Appendix 4: Predominant BIN size and collection frequency 2008–09	52
Appendix 5: Domestic waste management charges 2008–09	58

Executive summary 2008–2009

This is the fourth annual report outlining the performance of local government councils' kerbside and drop-off waste, recycling and resource recovery services in NSW based on information provided by Councils. The report amalgamated and relied entirely on the data reported by individual councils.

Reported kerbside collection of dry recyclables and household organics:

- There has been a progressive increase in the overall recycling performance from kerbside dry recyclables and garden organics from 644,000 tonnes in 2000–01 to 1.033 million tonnes in 2007–08 and 1.043 million tonnes in 2008–09
- An average 5.34 kg per week of dry recyclables were collected at the kerbside per household in 2008–09, for the 123 councils that reported dry recycling kerbside collections
- Total dry recyclables collected at the kerbside increased by 238,000 tonnes or 53% relative to 2000–01, to reach 687,235 tonnes in 2008–09
- An average 4.73 kg per week of household organics were collected at the kerbside per household in 2008–09, for the 57 councils that reported
- Total household organics collected at the kerbside increased by 160,662 tonnes or 83%, relative to 2000–01, to reach 355,258 tonnes in 2008–09

Reported residual waste collections:

- An average 12.43 kg per week of residual waste was collected at the kerbside per household in 2008–09, for the 145 councils that reported
- Total residual waste collected at the kerbside increased by 23,919 tonnes or 1.5%, relative to 2005–06, to reach 1,664,486 tonnes in 2008–09
- The amount of residual waste collected that was reported as recovered through an Alternative Waste Technology (AWT) treatment facility was 143,799 in 2008–09.

Reported kerbside clean up:

- Total kerbside cleanup collection of waste, for the 87 councils that reported, was 153,202 tonnes in 2008–09, of which 41,172 tonnes were recycled

Drop off facilities:

- Total reported domestic waste dropped off, at the 103 councils that reported, was 494,623 tonnes in 2008–09, of which 237,808 was recycled

Household waste resource recovery rate:

- NSW total domestic recovery rate (Includes kerbside, clean up and drop off) has increased from 37.8% in 2005–06 to 43.7% in 2008–09

Table 1: Total Domestic Resource Recovery Rates 2005–06 to 2008–09

Recovery rate	2005–06	2006–07	2007–08	2008–2009
NSW	37.8%	40.8%	43.2%	43.7%

OEH 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 entirely dependent on the accuracy of data supplied by councils in the 2008-09 survey. While OEH has made an effort to verify the information supplied by councils wherever possible, OEH is not able to validate the raw data that forms the basis of this report.

Background

This report amalgamated information provided by individual councils in response to Office of Environment and Heritage (OEH) survey of all NSW local government councils to determine the characteristics of the waste and resource recovery services available to residents of NSW for the year 2008–09. 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. Not all councils reported on all items in the survey.

This report should assist councils in making decisions and assessing progress against the goals and targets in the *NSW Waste Avoidance and Resource Recovery Strategy*².

This report contains information as follows:

Population figures that were 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 2008. OEH used the figure from the start of the financial year as the ABS does not release the next year's figures until December.

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

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

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

1. Kerbside collection of recyclables

Collection of kerbside dry recyclables and organics has progressively increased since the commencement of reporting, from 644,021 tonnes in 2000–01 to 1.033 million tonnes in 2007–08 and 1.042 million tonnes in 2008–09.

Table 2: Annual NSW reported tonnages of recyclables collected at kerbside Tonnes (000's)

	2000–01	2001–02	2002–03	2003–04	2004–05	2005–06	2006–07	2007–08	2008–09
Dry recyclables	449.43	487.45	539.07	581.40	592.23	609.33	661.47	689.73	687.23
Organics	194.60	207.06	198.40	205.08	226.19	270.40	288.85	343.65	355.26
Total kerbside	644.03	694.51	737.47	786.48	818.42	879.73	950.33	1,033.38	1,042.49

1.1 Dry recyclables collection

Most councils were able to obtain data from the facilities receiving and processing their dry recyclables. However, some councils may have only been able to provide an estimate of tonnes of recycled material and the quality of data may vary.

One hundred and twenty four (124) of all NSW councils provided a kerbside dry recyclables collection service, reaching 98% of all households and 98% of the entire population in NSW (Figure 1). Service availability varied across NSW.

Table 3: Percentage coverage of household and population with a dry recycling service in NSW

Region	No. of councils providing service	Household		Population	
		Total ⁴	Percentage % ⁵	Total ⁶	Percentage % ⁷
NSW	124	2,605,024	97.64%	6,820,550	97.67%
SMA ⁸	38	1,448,007	100.00%	3,907,232	100.00%
ERA ⁹	13	517,189	100.00%	1,328,052	100.00%
Rest of the state	73	639,828	91.04%	1,585,266	90.70%

4 Represents all households within those councils offering a kerbside recycling service

5 Coverage percentage against all households in NSW/Regions offering a service

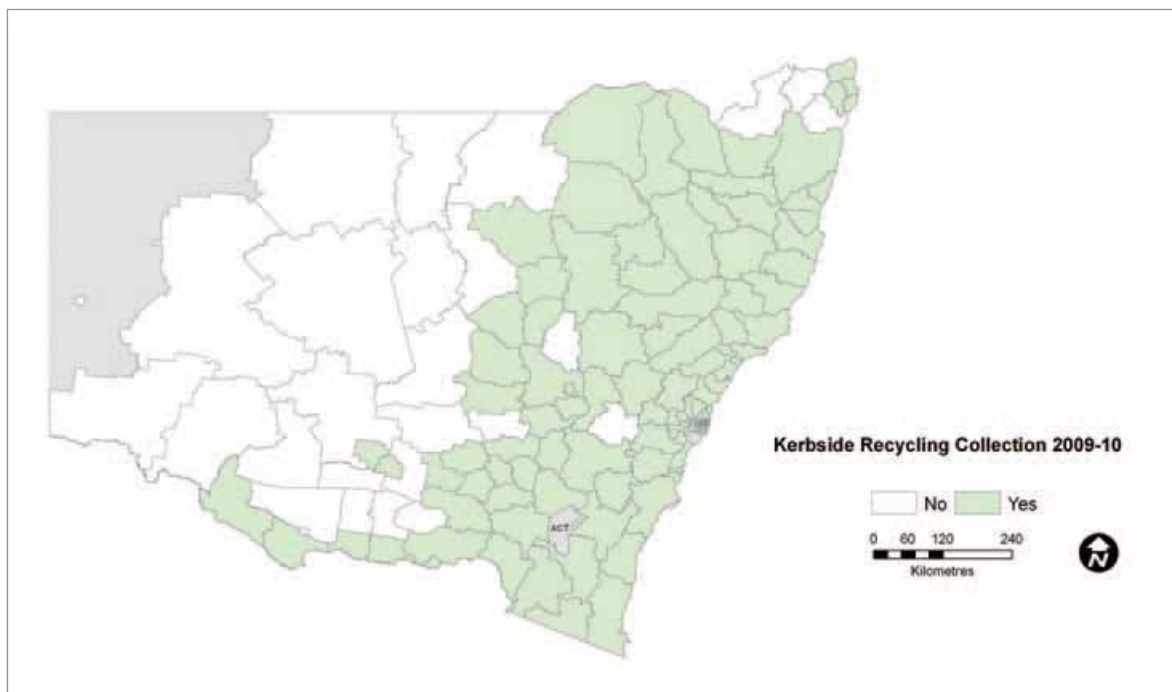
6 Represents entire population within those councils offering a kerbside recycling service

7 Coverage percentage against entire population in NSW/Regions offering a service

8 Sydney Metropolitan Area

9 Extended Regulated Area

Figure 1: NSW councils providing kerbside recycling collection services



An average of 278kg of dry recyclables was collected per household with a recycling service in 2008–09. This equates to an average of 5.34kg per household or 1.94kg per person, per week.

Table 4: Average reported annual dry recyclables collected by household and population

Region	No. of Councils reporting	Household ¹⁰		Population ¹¹	
		Annual kg/hh/yr	Weekly kg/hh/wk	Annual kg/capita/yr	Weekly kg/capita/wk
NSW	123*	277.88	5.34	100.82	1.94
SMA	38	285.54	5.49	102.48	1.97
ERA	13	267.07	5.14	103.87	2.00
Rest of the state	72	268.57	5.16	94.16	1.81

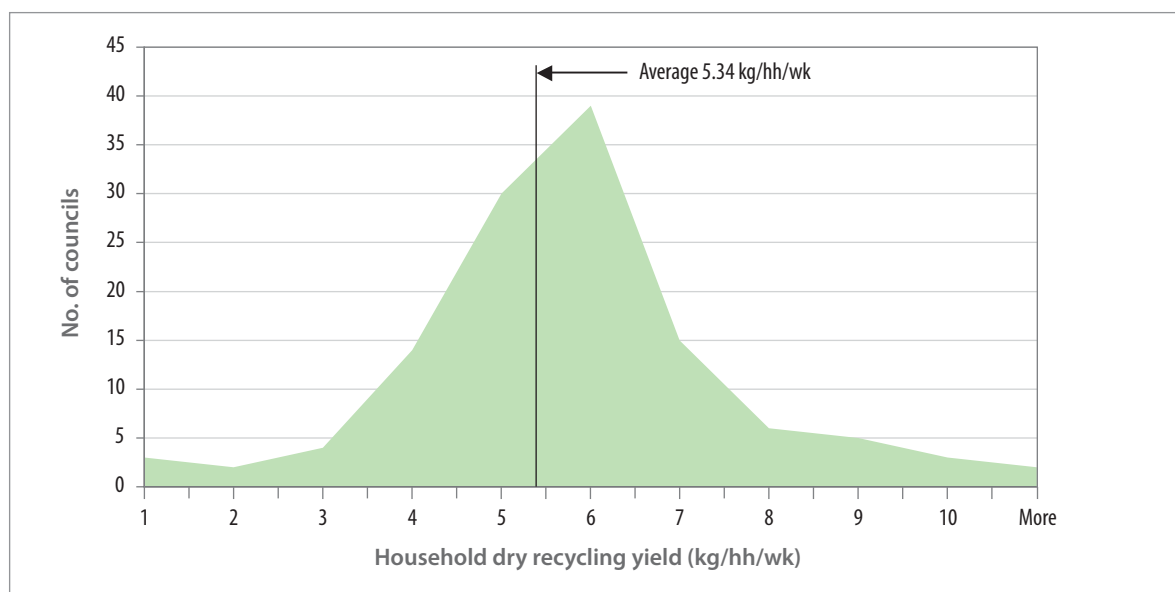
* Represents only those councils reporting the dry recycling collection figures

Annual average reported collection of dry recyclables in the SMA (285.54 kg/hh/yr) was slightly higher than the state average for councils that report on the service. Of the 123 councils in NSW that provided a kerbside dry recyclable collection, 23 had collected less than 4 kg per household per week, and 31 councils exceeded 6 kg on average (Figure 2).

10 Based on total number of households within reporting councils

11 Based on total population within reporting councils

Figure 2: Average reported kerbside dry recyclables collected per household per week across local government areas



NSW councils used 10 different dry recycling collection systems in 2008–09 (Table 5). OEH’s preferred collection systems for dry recyclables (either 240L fully commingled MGB or dual 120L MGBs for paper and containers) was used by 91 councils in total. Standardised collection systems facilitate education, improve understanding and use of recycling systems by residents.

Table 5: Average reported annual quantity collected of household dry recyclables, by collection system¹²

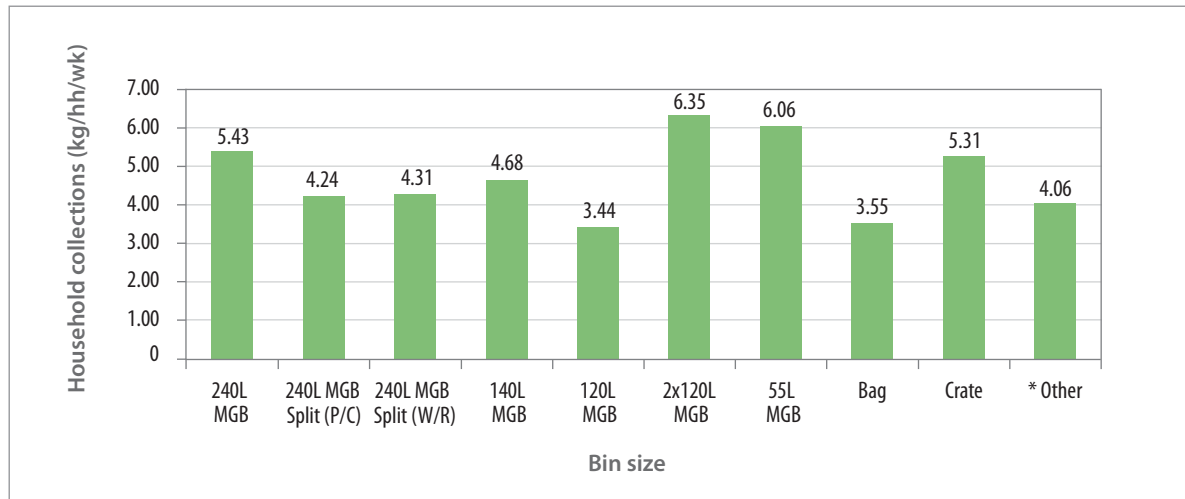
Collection system	SMA	ERA	Rest of the state	No. of councils	Household collections	
					kg/hh/yr	kg/hh/wk
240L MGB	29	10	50	89	282.31	5.43
240L MGB split (Paper/Commingled)	–	3	1	4	220.66	4.24
240L MGB split (Recyclables/Waste)	–	–	2	2	224.12	4.31
140L MGB	1	–	2	3	243.37	4.68
120L MGB	–	–	2	2	178.71	3.44
2 x 120L MGB Dual Bins	2	–	–	2	330.31	6.35
55L MGB	–	–	2	2	315.29	6.06
Bag	–	–	2	2	184.55	3.55
Crate	1	–	9	10	275.89	5.31
Other *	5	–	2	7	211.34	4.06
No kerbside recycling collection service	–	–	26	26	–	–

* Combination of Tied and Bundled + Crate+ MGBs, or mix of MGBs, or crates + MGBs

12 The average annual figure is based on predominant bin size and larger proportion of dwelling types within councils. Also excludes non reporting councils for the period.

Figure 3 compares average weekly household dry recyclables collected with collection system type. One preferred collection systems using 240L MGB collected an average of 5.43 kg/hh/wk and was used by 72% of the councils with kerbside recycling service. The other preferred system with 2x120L MGBs showed the highest average collection level for 2008–09 only two councils within SMA used this system type.

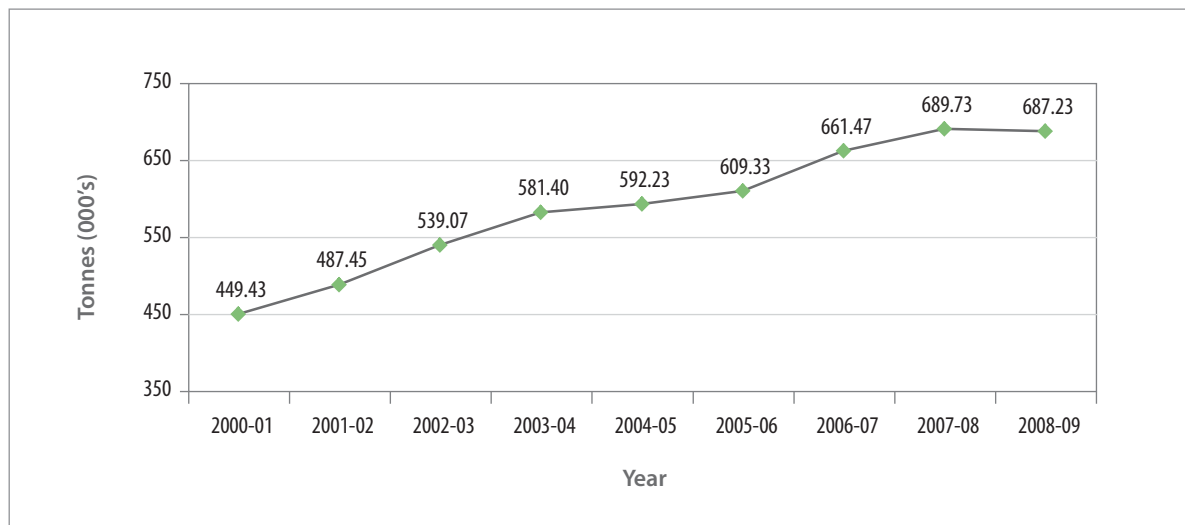
Figure 3: Average reported weekly quantity collected of household recyclables, by collection system



Kerbside collection of dry recyclables decreased slightly (0.3%) in 2008–09 relative to 2007–08. The SMA and the rest of the State reported a 2.4% and 2.8% drop and the ERA reported a 2% increase. Total dry recyclables collected at the kerbside in NSW in 2008–09 was 687,235 tonnes with: 400,425 tonnes from the SMA; 137,949 tonnes from the ERA; and 148,861 tonnes from the rest of the State.

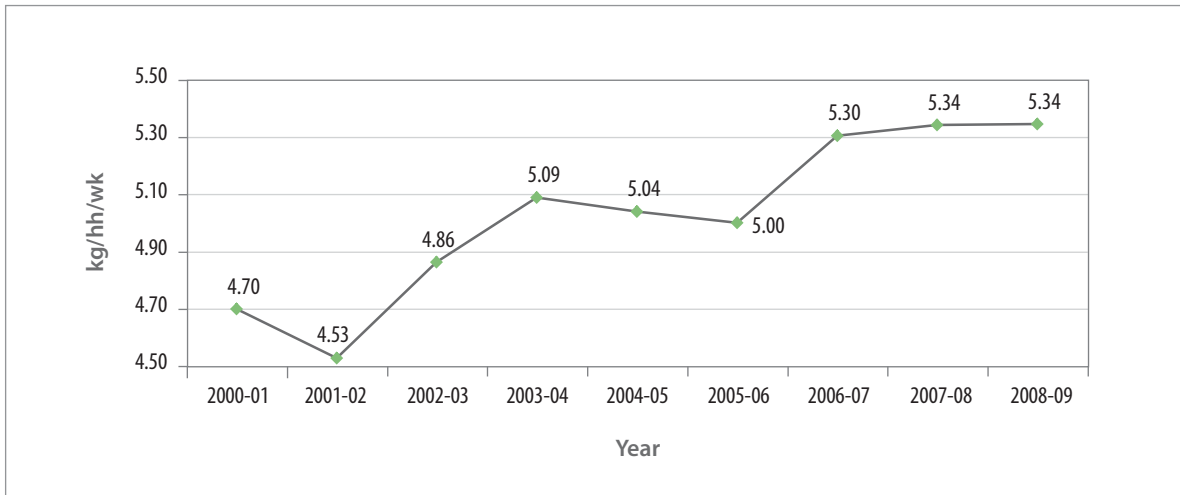
Despite the slight decrease in the quantity of dry recyclables in 2008–09, about 238,000 more tonnes or 52.91% more was collected in 2008–09 relative to 2000–01 collection figures.

Figure 4: Kerbside dry recycling reported as collected in NSW from 2000–01 to 2008–09



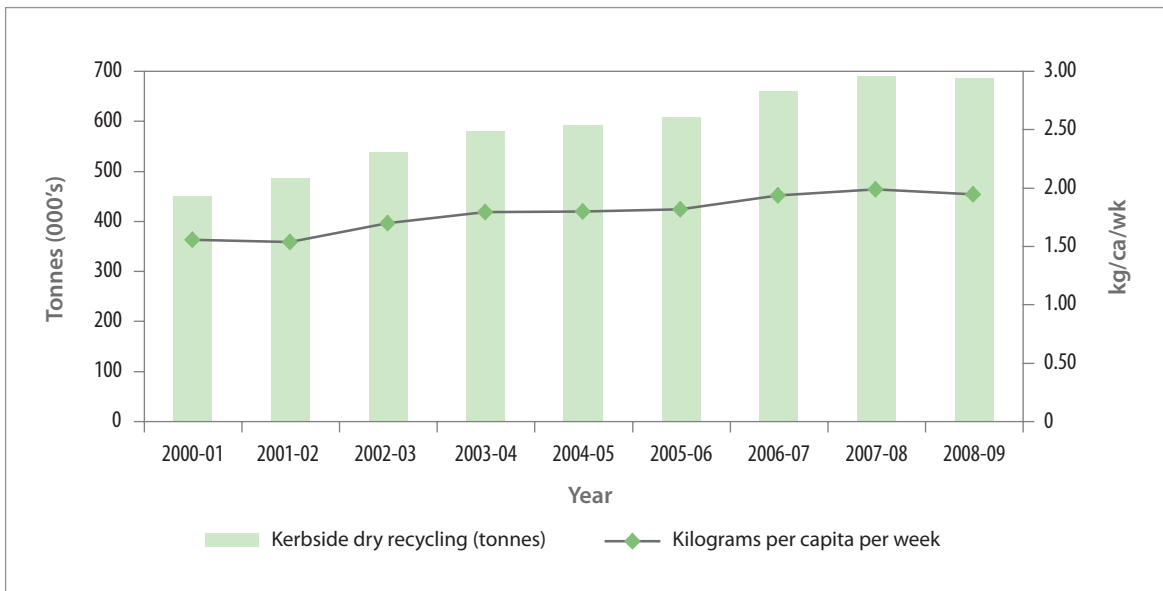
Average household recyclables collected per week increased steadily from 4.70kg in 2001–02 to 5.34 kg in 2008–09 period.

Figure 5: Average household recyclables reported as collected per week in NSW 2000–01 to 2008–09



Similarly, the average per capita collection of dry recyclables increased in line with an overall increase in the quantity of dry recyclables collected in NSW (Figure 6). The increases may be due to both an increase in councils offering a new or expanded recycling service and improved recycling behaviour by residents.

Figure 6: Annual quantity and weekly per capita reported as collection of dry recyclables in NSW 2000–01 to 2008–09



Environmental benefits of recovering dry recyclables

Recycling results in the avoidance of environmental impacts associated with resource extraction, materials production and manufacturing processes. The environmental benefits of the community recycling 687,235 tonnes of dry recyclables in NSW during 2008–09 are demonstrated using the Environmental Benefits of Recycling Calculator¹³. The indicators used in the 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.

The recycling of 687,235 tonnes of resources also saves 1,893,850 m³ of landfill space, 82,881 cars permanently removed from the road, 52,992 household's annual electricity requirements and 121,702 peoples annual water usage.

1.2 Kerbside organics collection

Sixty NSW councils provided kerbside garden organics collections in 2008–09, reaching 67% of households in NSW (Table 6 and Figure 7). Some councils could only provide estimates of quantities recovered.

Table 6: Percentage coverage of household and population with garden organics service in NSW

Region	No. of councils providing service	Household		Population	
		Total ¹⁴	Percentage % ¹⁵	Total ¹⁶	Percentage % ¹⁷
NSW	60	1,780,034	66.72%	4,539,900	65.01%
SMA	32	1,106,736	76.43%	2,869,649	73.44%
ERA	8	349,911	67.66%	886,692	66.77%
Rest of the state	20	323,387	46.02%	783,559	44.83%

13 For further information: <http://www.environment.nsw.gov.au/warr/BenefitRecycling.htm>

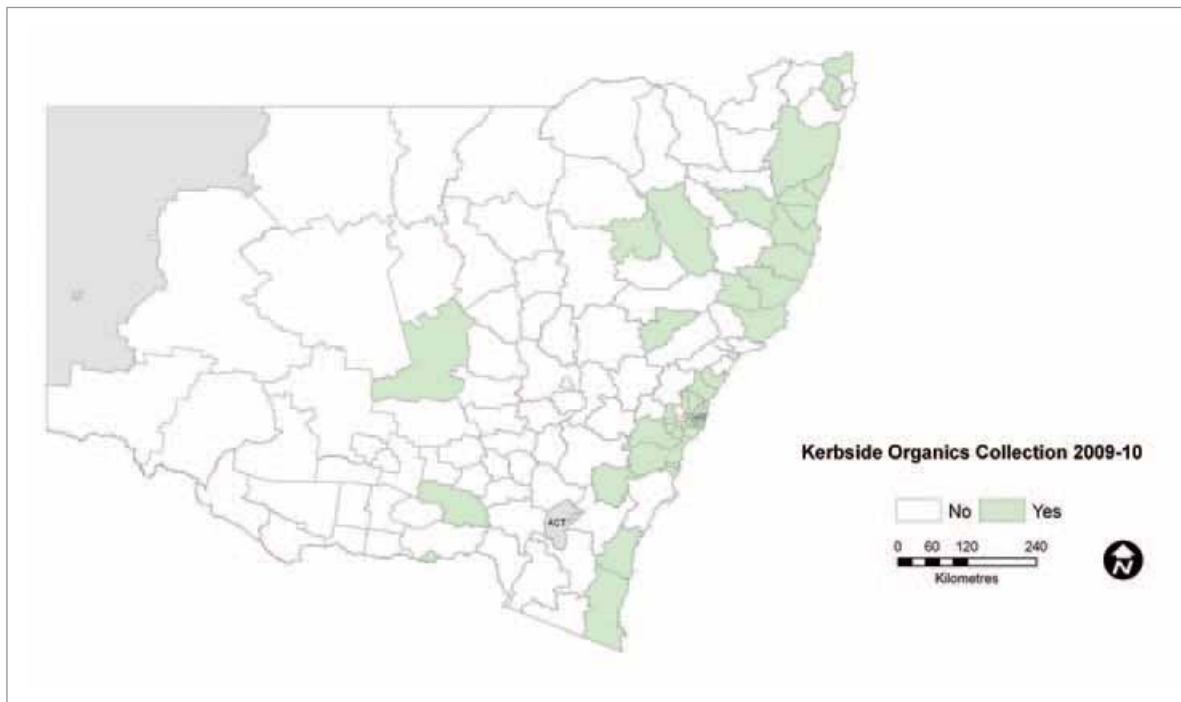
14 Represents all households within those councils offering a kerbside garden organics service

15 Coverage percentage against all households in NSW/Regions offering a service

16 Represents entire population within those councils offering a kerbside garden organics service

17 Coverage percentage against entire population in NSW/Regions offering a service

Figure 7: NSW councils providing kerbside garden organics collection services



An average of 246 kg of garden organic material was collected per household in 2008–09 in those councils that provided and reported on that service. That equated to an average of 4.73 kg per household per week or 1.56 kg per person per week. 57 councils reported collection quantities.

Table 7: Average annual quantity of garden organics reported as collected by household and population*

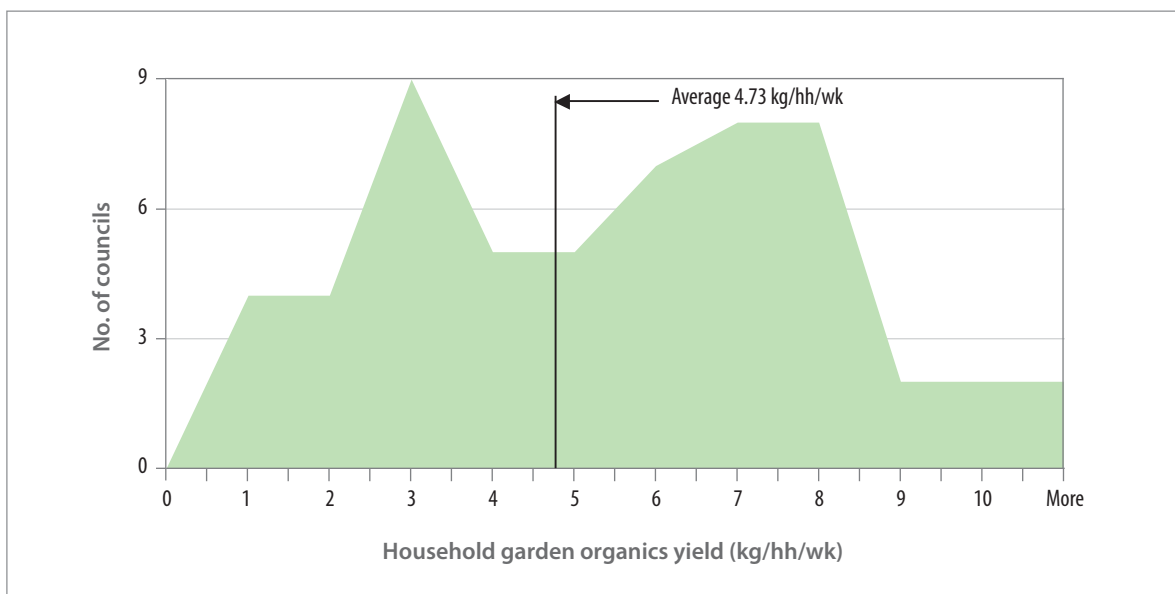
Region	No. of councils reporting	Household ¹⁸		Population ¹⁹	
		Annual kg/hh/yr	Weekly kg/hh/wk	Annual kg/ca/yr	Weekly kg/ca/wk
NSW	57 *	246.04	4.73	81.14	1.56
SMA	31	235.25	4.52	77.57	1.49
ERA	7	252.42	4.85	90.68	1.74
Rest of the state	19	282.66	5.44	84.50	1.62

* Represents only those councils reporting garden organics collection figures.

¹⁸ Based on total number of households within reporting councils

¹⁹ Based on total population within reporting councils

Figure 8: Average quantity of household garden organics reported as collected across local government areas



In 2008–09, the most common garden organics collection system provided by councils was a 240L MGB. Of those, 34 councils collected fortnightly and 8 councils collected weekly. The other common collection system was a combination of various systems – tied and bundled, crates, MGB’s or mixture of these systems; collected fortnightly, on call or monthly. Fourteen (14) councils used the combination (Others) system, of which 5 councils collected fortnightly and 9 councils collected on call or monthly.

The OEH preferred resource recovery practices by Local Councils Guide recommends a 240L MGB collected fortnightly for councils with high volumes of 175 kg or more per household per year.

Table 8: Average annual quantity collected of household garden organics, by collection system²⁰

Collection system	SMA	ERA	Rest of the state	No. of councils	Household collections	
					kg/hh/yr	kg/hh/wk
240L MGB (Fortnightly)	17	5	12	34	285.35	5.49
240L MGB (Weekly)	3	–	5	8	392.50	7.55
Others (Fortnightly)*	5	–	–	5	173.41	3.33
Others (On call/Monthly)**	6	2	1	9	118.70	2.28
240L MGB (Monthly)	–	–	1	1	111.22	2.14
No service	6	4	77	89	–	–

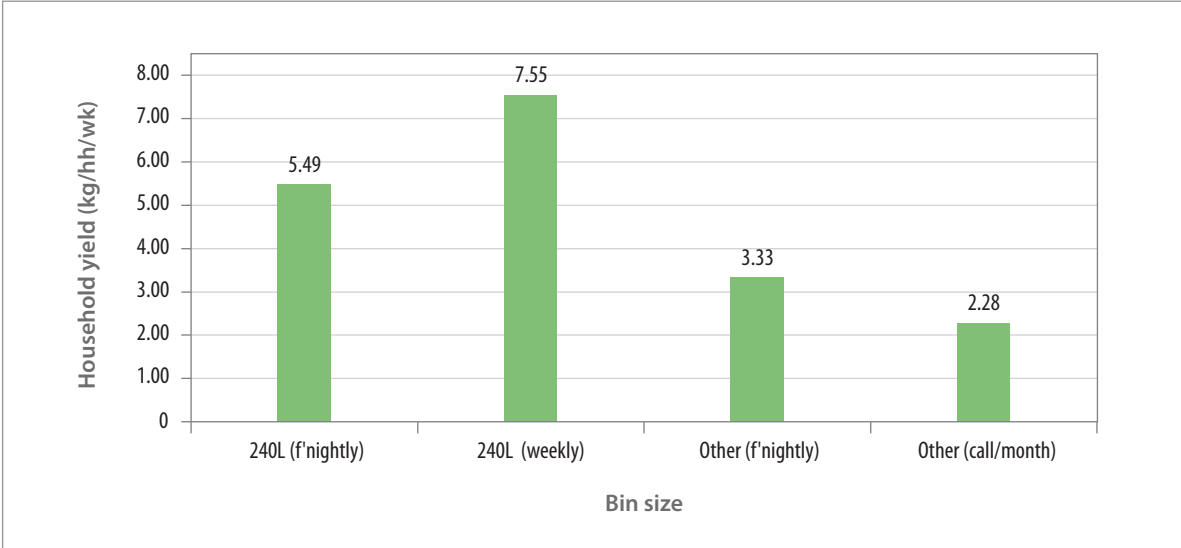
* Combination of Tied and Bundled + Crate+ MGBs, or mix of MGBs, or crates + MGBs. Collected fortnightly

** Combination of Tied and Bundled + Crate+ MGBs, or mix of MGBs, or crates + MGBs. Collected monthly or on call

²⁰ The average annual figure is based on predominant bin size and larger proportion of dwelling types within councils. Also excludes non reporting councils for the period.

Figure 9 below compares the average weekly quantity collected of household garden organics with collection system type. The 34 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 907,000 households.

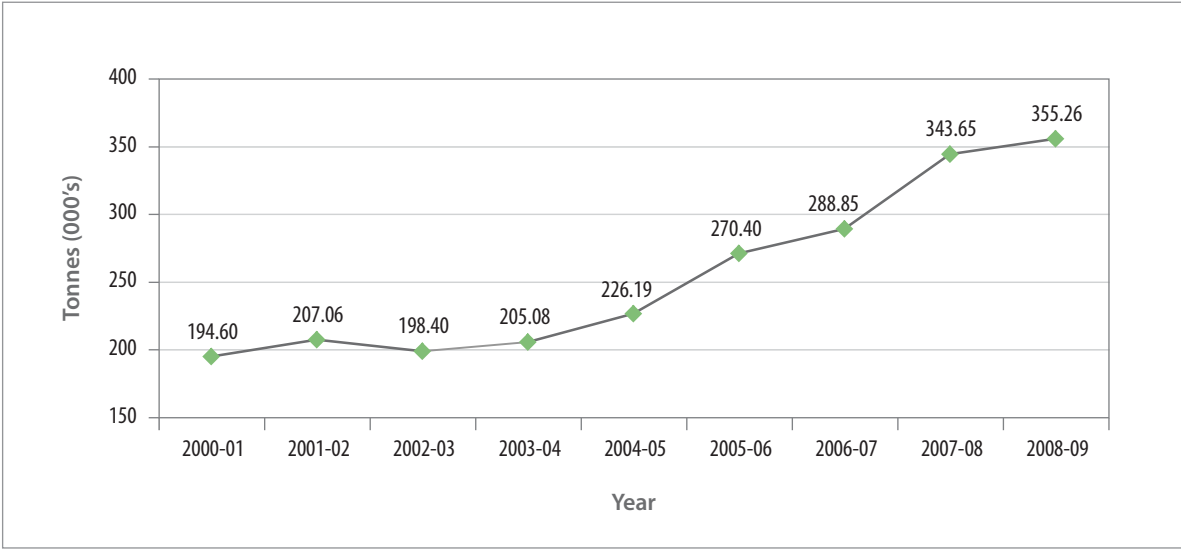
Figure 9: Average weekly quantity collected of household garden organics, by collection system



Garden organics collected at the kerbside around NSW increased by 160,662 tonnes, or 82.6%, compared to 2000–01 data, to a total of 355,258 tonnes in 2008–09:

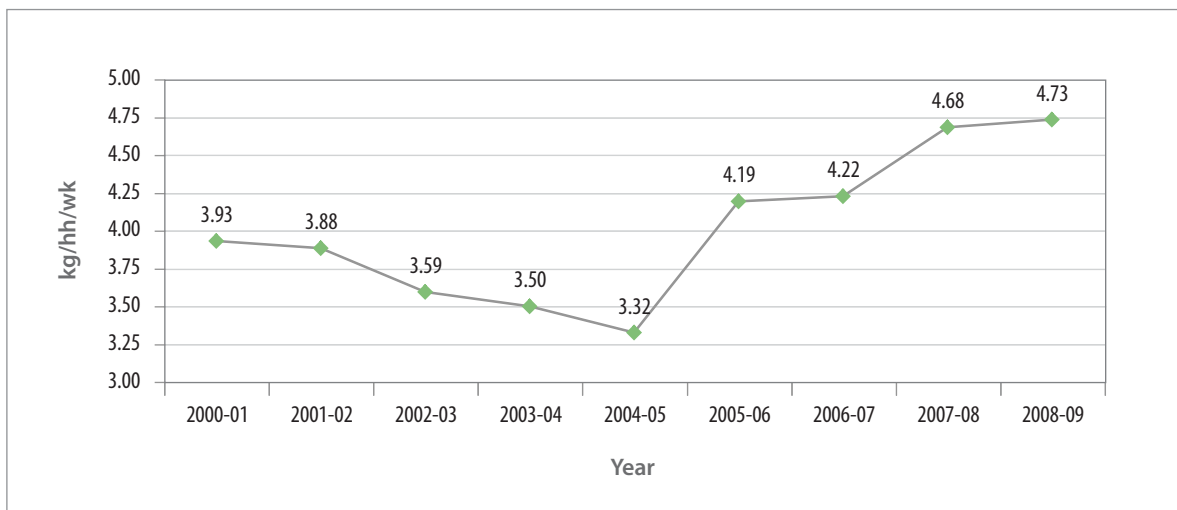
- 219,592 tonnes from the SMA
- 71,893 tonnes from the ERA
- 63,772 tonnes from the rest of the State.

Figure 10: Kerbside garden organics reported as collected in NSW from 2000–01 to 2008–09



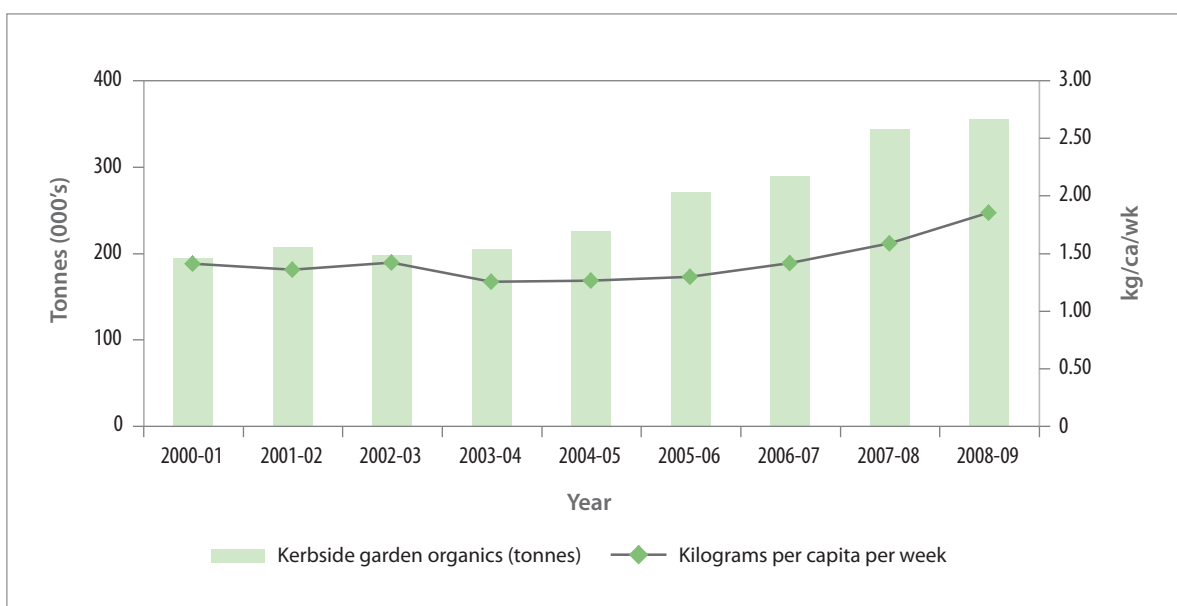
The average weekly quantity collected of household garden organics per household has increased since 2004–05 to an average 4.73 kg per household per week in 2008–09 (Figure 11).

Figure 11: Average weekly quantity reported as collected of household garden organics per household in NSW, 2000–01 to 2008–09



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 weekly collected quantity of garden organics per capita has increased steadily from 2004–05 to 1.85 kg in 2008–09 (Figure 12).

Figure 12: Annual quantity and average weekly collection of garden organics per capita in NSW, 2000–01 to 2008–09



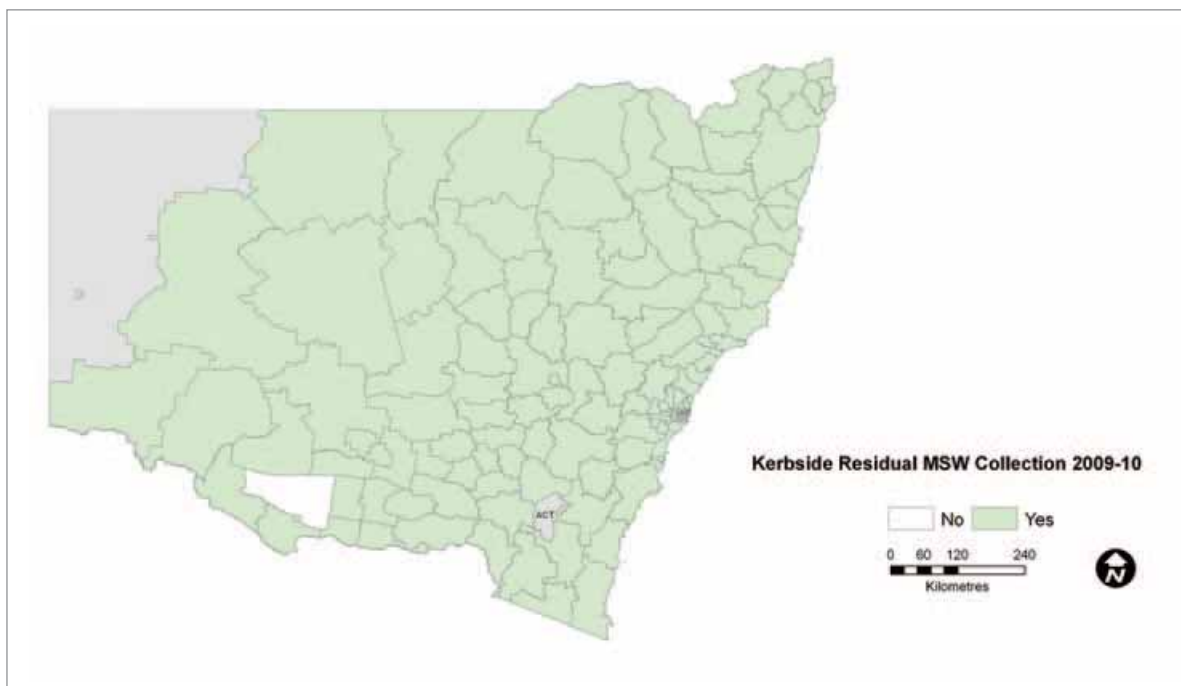
2. Kerbside residual waste collection for landfill or AWT

In 2008–09, 151 councils provided kerbside residual waste collection service, reaching over 99% of all households and entire population in NSW. Access to collection varied across NSW; with 100% of households receiving collection services in the SMA and ERA and over 99% in the Rest of the State.

Table 9: Percentage coverage of household and population with a residual waste service in NSW

Region	No. of councils providing service	Household		Population	
		Total ²¹	Percentage % ²²	Total ²³	Percentage % ²⁴
NSW	151	2,667,252	99.97%	6,981,346	99.98%
SMA	38	1,448,007	100.00%	3,907,232	100.00%
ERA	13	517,189	100.00%	1,328,052	100.00%
Rest of the State	100	702,056	99.90%	1,776,062	99.90%

Figure 13: NSW councils providing kerbside residual waste collection services



21 Represents all households within those councils offering a kerbside residual waste service

22 Coverage percentage against all households in NSW/Regions offering a service

23 Represents entire population within those councils offering a kerbside residual waste service

24 Coverage percentage against entire population in NSW/Regions offering a service

An average of 646 kg of residual waste was collected per household from the 145 councils in 2008–09 that provided data, averaging 12.43 kg per household per week and 4.61 kg per person per week.

Table 10: Average annual quantity of residual waste collected by reporting councils by household and population

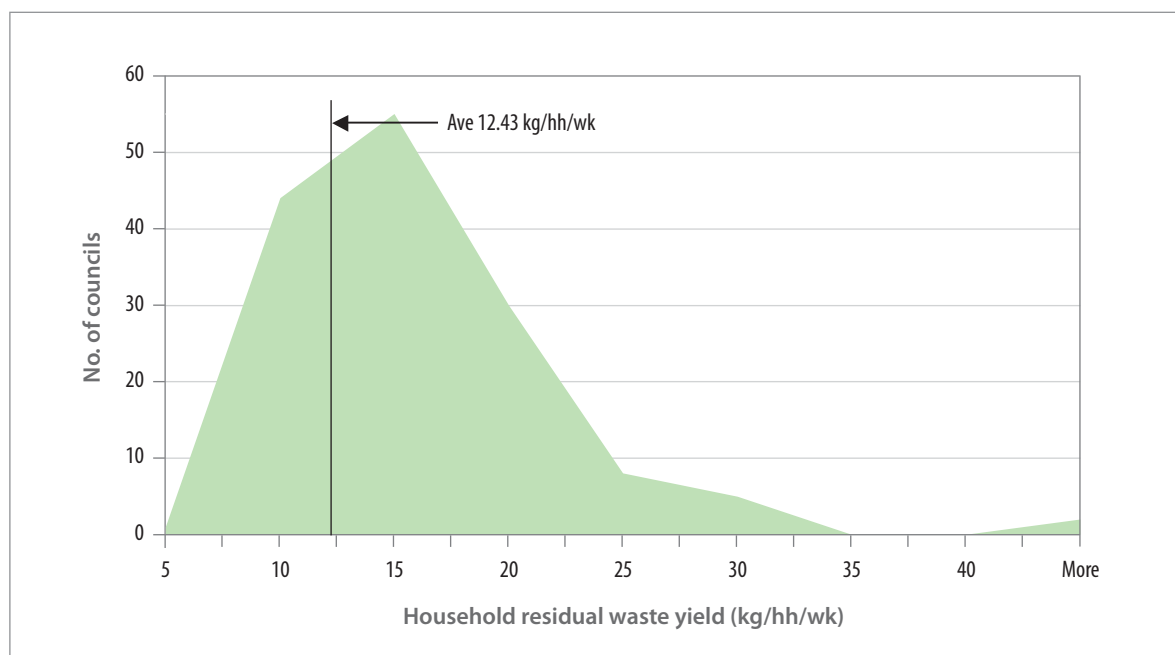
Region	No. of councils reporting	Household ²⁵		Population ²⁶	
		Annual kg/hh/yr	Weekly kg/hh/wk	Annual kg/ca/yr	Weekly kg/ca/wk
NSW	145 *	646.34	12.43	239.59	4.61
SMA	38	652.12	12.54	239.88	4.61
ERA	13	638.12	12.27	248.28	4.77
Rest of the state	94	639.83	12.30	232.18	4.47

* Represents reporting Councils only.

Quantity range of residual waste collected per household per week by the councils is categorised as:

- Between 10 and 15 kg – 55 councils
- Between 5 and 10 kg – 44 councils
- More than 15 kg – 45 councils
- Less than 5 kg – 1 council
- Non reporting – 7 councils

Figure 14: Average quantity reported as collected of household residual waste, across local government areas



25 Based on total number of households within reporting councils

26 Based on total population within reporting councils

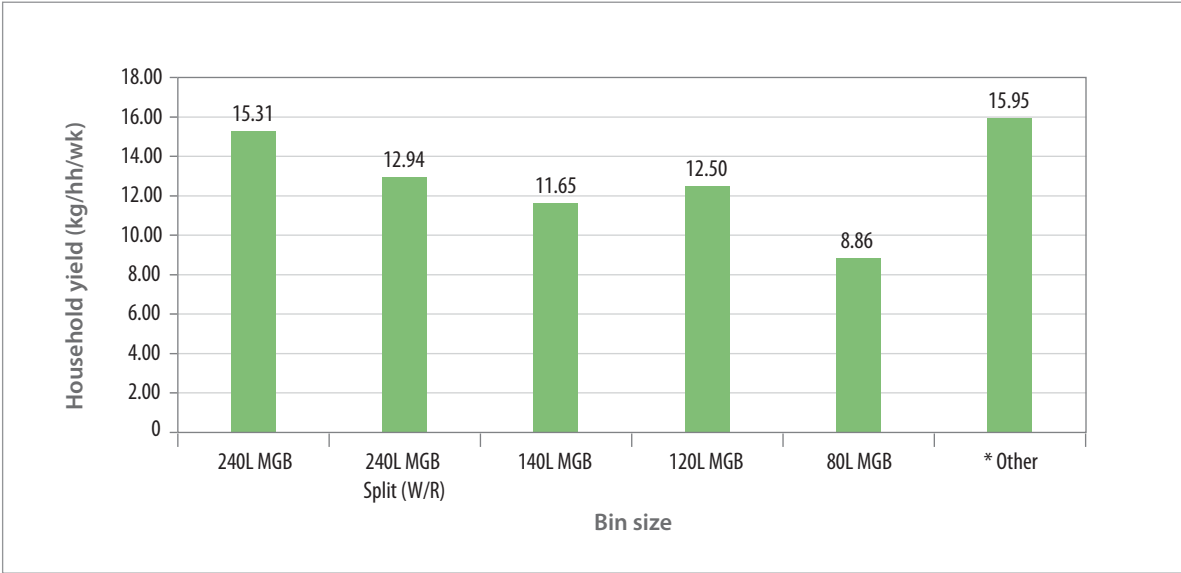
Six different residual waste collection systems were used by NSW councils (Table 11). 80 councils used a 240L MGB system. 56 councils adopted OEH's preferred resource recovery practices for residual waste collection (80L MGB, 120L MGB, or 140L MGB).

Table 11: Average annual quantity reported as collected of household residual waste, by collection system²⁷

Collection system	SMA	ERA	Rest of the state	No. of councils	Household collections	
					kg/hh/yr	kg/hh/wk
240L MGB	15	7	58	80	796.12	15.31
240L MGB split (W/R)	–	–	3	3	673.08	12.94
140L MGB	8	2	15	25	605.67	11.65
120L MGB	12	3	11	26	650.08	12.50
80L MGB	3	1	1	5	460.52	8.86
Other *	–	–	10	10	829.17	15.95
Not Available	–	–	2	2	–	–
No kerbside residual collection service	–	–	1	1	–	–

* Combination of Tied and Bundled + Crate+ MGBs, or mix of MGBs, or crates + MGBs

Figure 15: Average weekly quantity reported as collected of household residual waste, by collection system

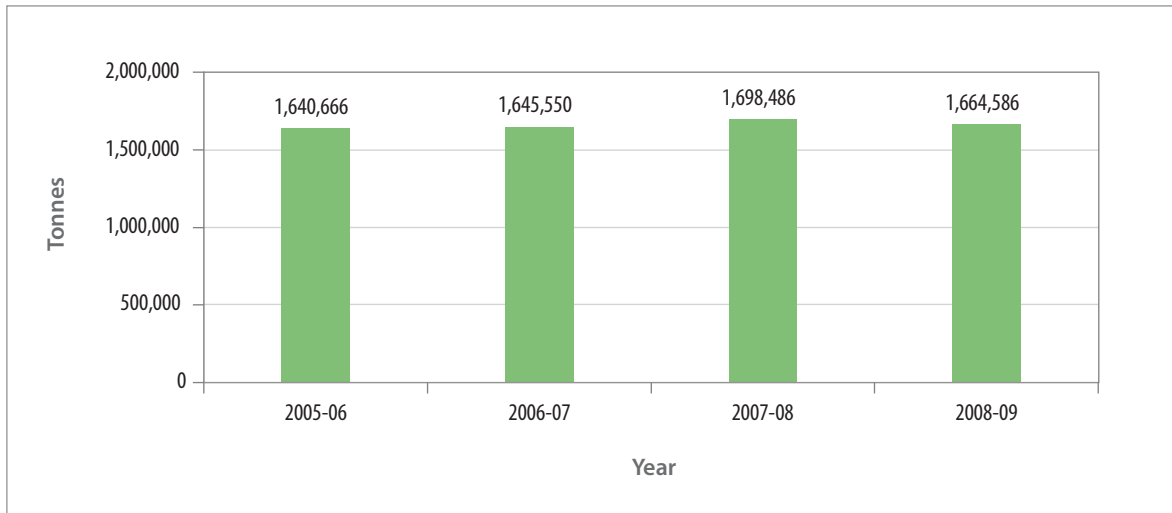


27 The average annual figure is based on predominant bin size and larger proportion of dwelling types within councils. Also excludes non reporting councils for the period.

In 2008–09, total quantity of residual waste collected at the kerbside in NSW was 1,664,586 tonnes:

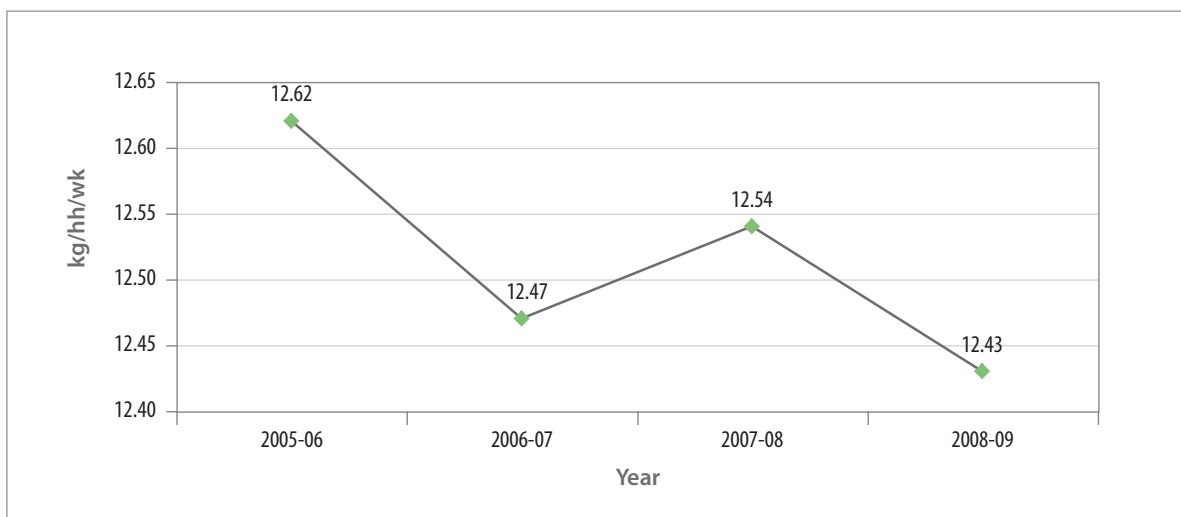
- 937,266 tonnes from the SMA
- 329,729 tonnes from the ERA
- 397,591 tonnes from the rest of the State

Figure 16: Kerbside residual waste reported as collected in NSW from 2005–2006 to 2008–2009



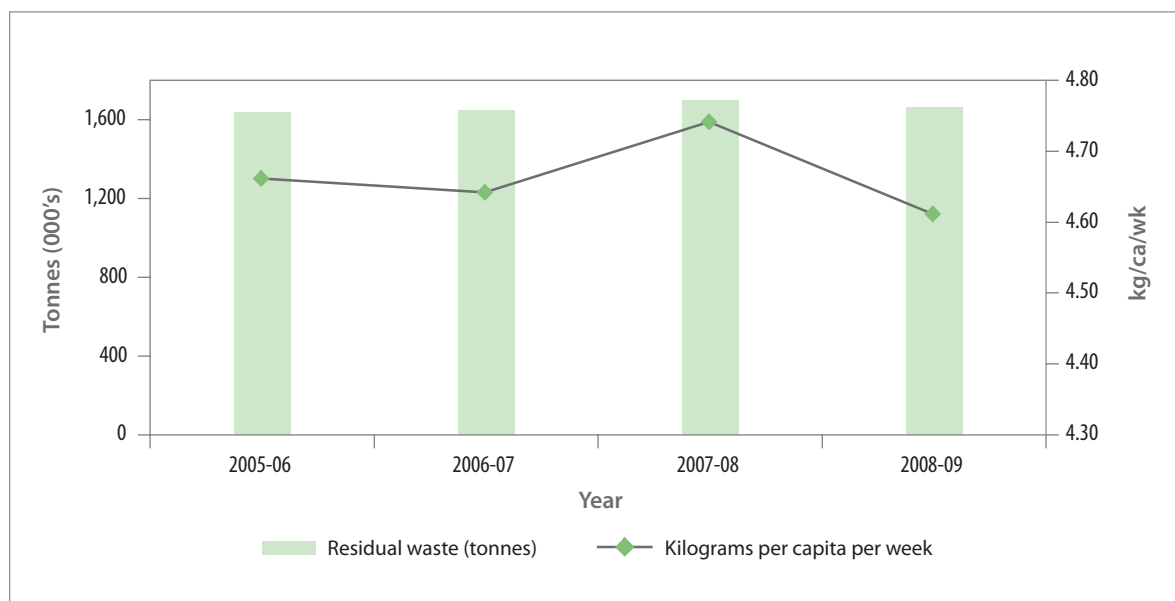
The total amount of kerbside residual waste collected dropped by 33,900 tonnes (2.0%) in 2008–09 compared to 2007–08, however there has been an overall increment of 1.5% in the total amount of kerbside residual waste collected since 2005–06.

Figure 17: Average weekly quantity reported as collected household residual waste in NSW 2005–06 to 2008–09



Though there has been an overall increment in the total amount of kerbside residual waste collection since 2005–06, the reported average weekly amount has decreased since then to 12.43 kg/hh/wk, with a slight increase in 2007–08.

Figure 18: Annual total quantity and average weekly per capita quantity reported as collected of residual waste



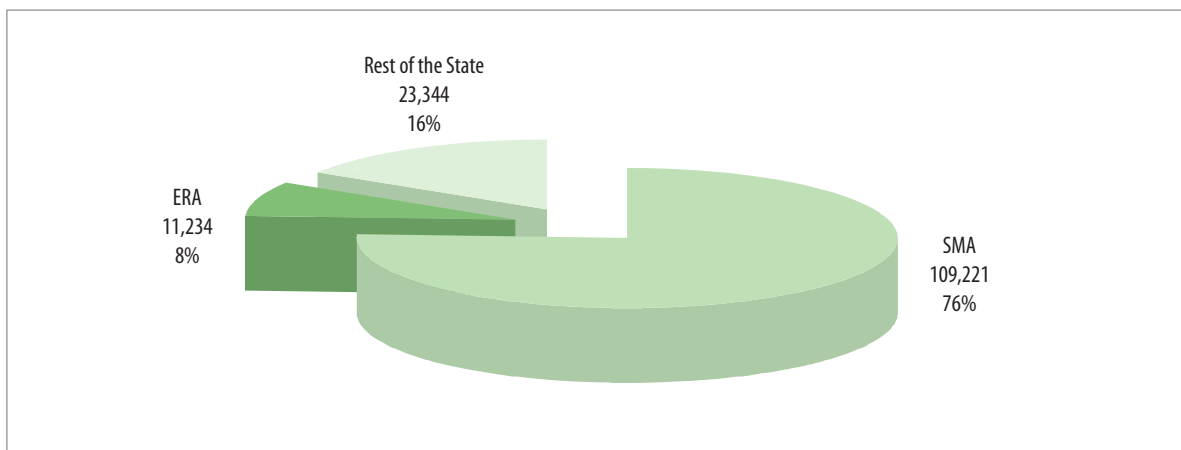
Similar to the average household collection, the average per capita collection of kerbside residual waste has decreased relative to 2005–06.

Alternative Waste Treatment (AWT)

Not all domestic residual waste collected at kerbside goes to landfill; some goes to Alternative Waste Treatment (AWT) facilities. AWT can use a range of different mechanical and biological treatment technologies to treat or process residual waste. Depending on the technology and the operation of the facility, these plants can: recover additional physical and organic resources from residual waste; recover energy from the waste; stabilise waste material prior to landfill to reduce greenhouse gas emissions and reduce the mass of waste that goes to landfill and thus save on disposal costs. Typically, the ultimate residual wastes from the AWT process and any processed material that cannot be beneficially reused, is disposed of to landfill.

Councils reported that 143,799 tonnes of residual waste was recovered using AWT technologies in 2008–09. Of this 76% was in the SMA, 8% ERA and 16% in the rest of the State. Note that councils varied in how they reported recovery by an AWT facility as shown in the footnote to Appendix 2.

Figure 19: Domestic waste recovered by AWT by region

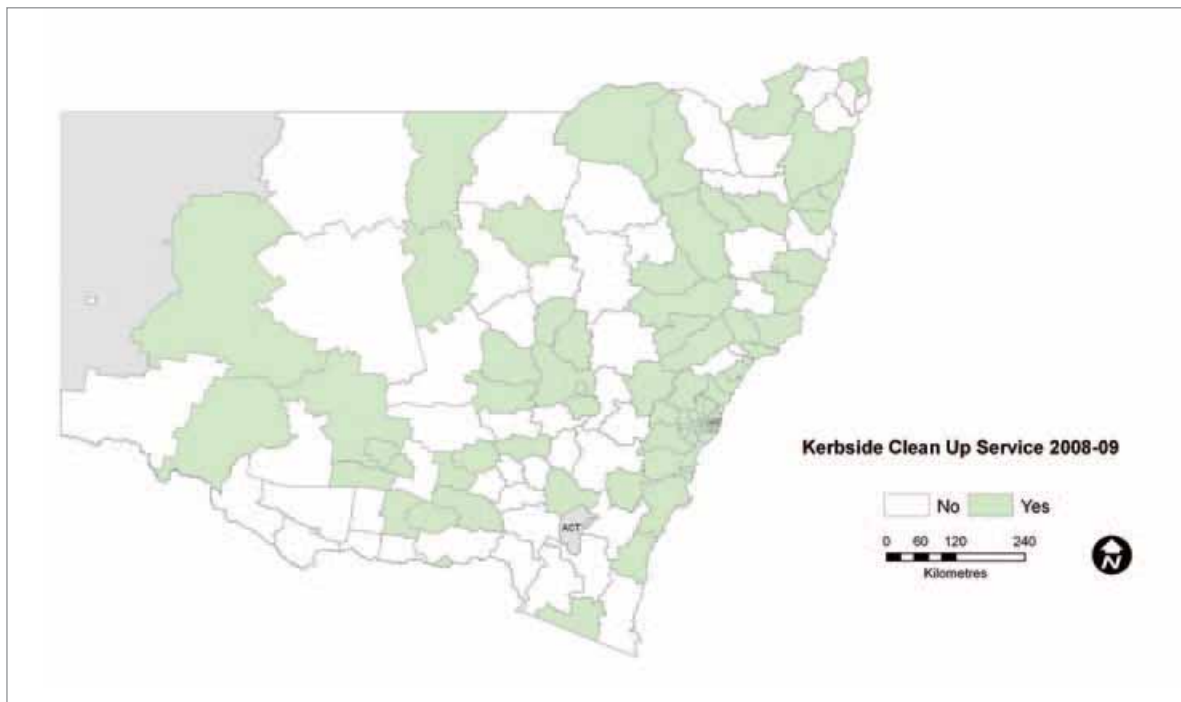


The trend of material reported as recovered through an AWT is increasing from 43% in 2005–06 to 52% in 2008–09. (Figure 19)

3. Kerbside Clean up/Hard waste collection

In NSW, 101 councils provided kerbside clean up collections, reaching 90% of all households in NSW (Figure 20). Access to kerbside clean up varied across NSW; with these services provided to 100% of households in the SMA, 85% in the ERA, and 51% in the rest of the State.

Figure 20: NSW councils with a kerbside clean up service



In 2008–09, 153,202²⁸ tonnes of material was reported as collected in council clean-ups. 112,030 tonnes went to landfill and 41,172 tonnes were recycled.

The overall Resource Recovery Rate (RRR) for kerbside clean up in NSW was 27%.

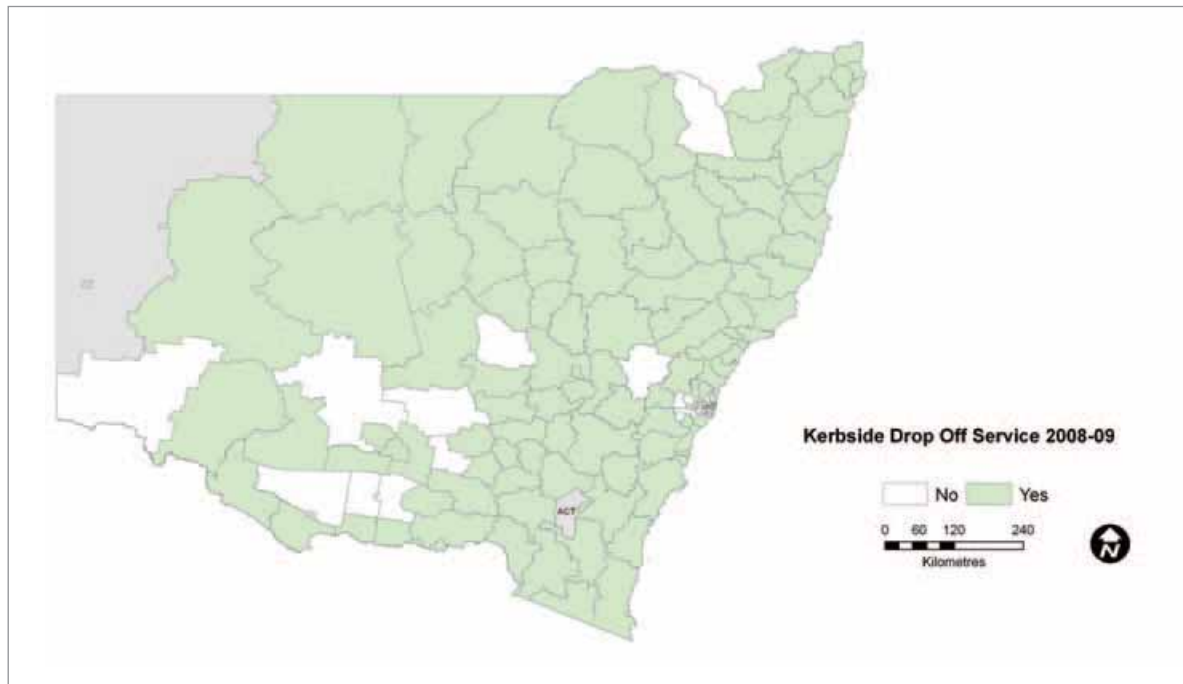
- SMA – 22,228 tonnes recycled, 88,364 tonnes waste to landfill (20% RRR)
- ERA – 8,389 tonnes recycled and 13,976 tonnes waste to landfill (38% RRR)
- Rest of the State – 10,556 tonnes recycled and 9,690 tonnes waste to landfill (52% RRR)

28 Represents only 87 councils providing the collected tonnages

4. Drop off facilities provided by councils

One hundred and Seventeen (117) NSW councils provided a recycling drop off facility (dry recycling and/or garden organics), which was accessible by 66% of all households and 65% of the entire population in NSW (Figure 21). Access to recycling and/or garden organics drop off facilities varied across NSW with access to these facilities at 37% (14 councils) in the SMA, 100% (13 councils) in the ERA, and 89% (90 councils) in the rest of the State.

Figure 21: NSW councils providing a recycling drop off facility



494,623²⁹ tonnes of material was reported as collected in NSW, of which 256,815 tonnes were sent to landfill and 237,808 tonnes of recyclable material (65,041 tonnes dry recyclables and 172,767 tonnes garden organics) were collected at drop off facilities. The overall Resource Recovery Rate (RRR) for domestic drop off in NSW was 48%:

- 9,393 tonnes recycled, 1,905 tonnes disposed to landfill in the SMA (83% RRR)
- 80,733 tonnes recycled and 79,254 tonnes disposed to landfill in the ERA (50% RRR)
- 147,682 tonnes recycled and 175,656 tonnes to landfill in the Rest of the State (46% RRR)

29 Represents only 103 councils providing the collected tonnages

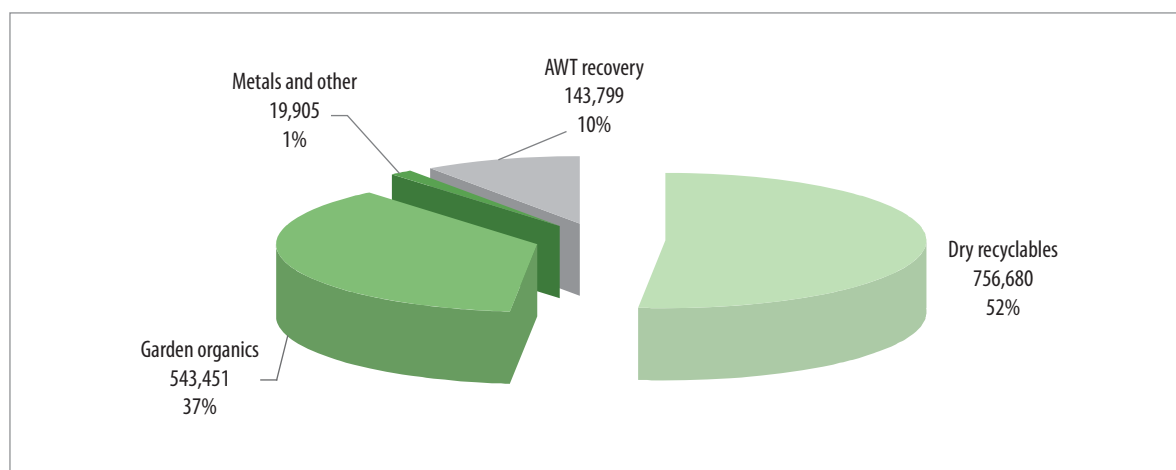
5. Domestic Waste Resource Recovery rates

The domestic waste recovery rate for individual councils is reported as the percentage of the total amount of materials disposed of by households that is recovered for recycling or processing. Average waste generation rates per household and per capita have also been developed to compare data at an individual level. When comparing figures from different local government areas, consideration should be given to regional variations in consumption patterns and available services.

This report is based on waste and recycling generated by households only, which is the major component of Municipal Solid Waste (MSW) but is not the total of MSW. The separate biennial WARR Strategy report provides updates on the progress that the NSW community is making towards the waste avoidance and resource recovery targets of the Strategy.

Figure 22 presents total domestic recyclables recovered from different sources. The dry recyclables and garden organics constitute most of the recovered materials with combined total of 89%.

Figure 22: Reported recovery materials by category



The domestic waste resource recovery rate for NSW in 2008–09 was 43.7% 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 45.3%
- ERA 43.0%
- Rest of the state 40.0%

Table 12: Total Domestic Resource Recovery Rate Trend

Domestic recovery rate	2005–06	2006–07	2007–08	2008–09
NSW	37.8%	40.8%	43.2%	43.7%
SMA	39.2%	42.9%	47.1%	45.3%
ERA	40.9%	40.9%	40.0%	43.0%
Rest of the state	32.7%	37.2%	38.0%	40.0%

Figure 23: SMA Recovery Rate 2008–09

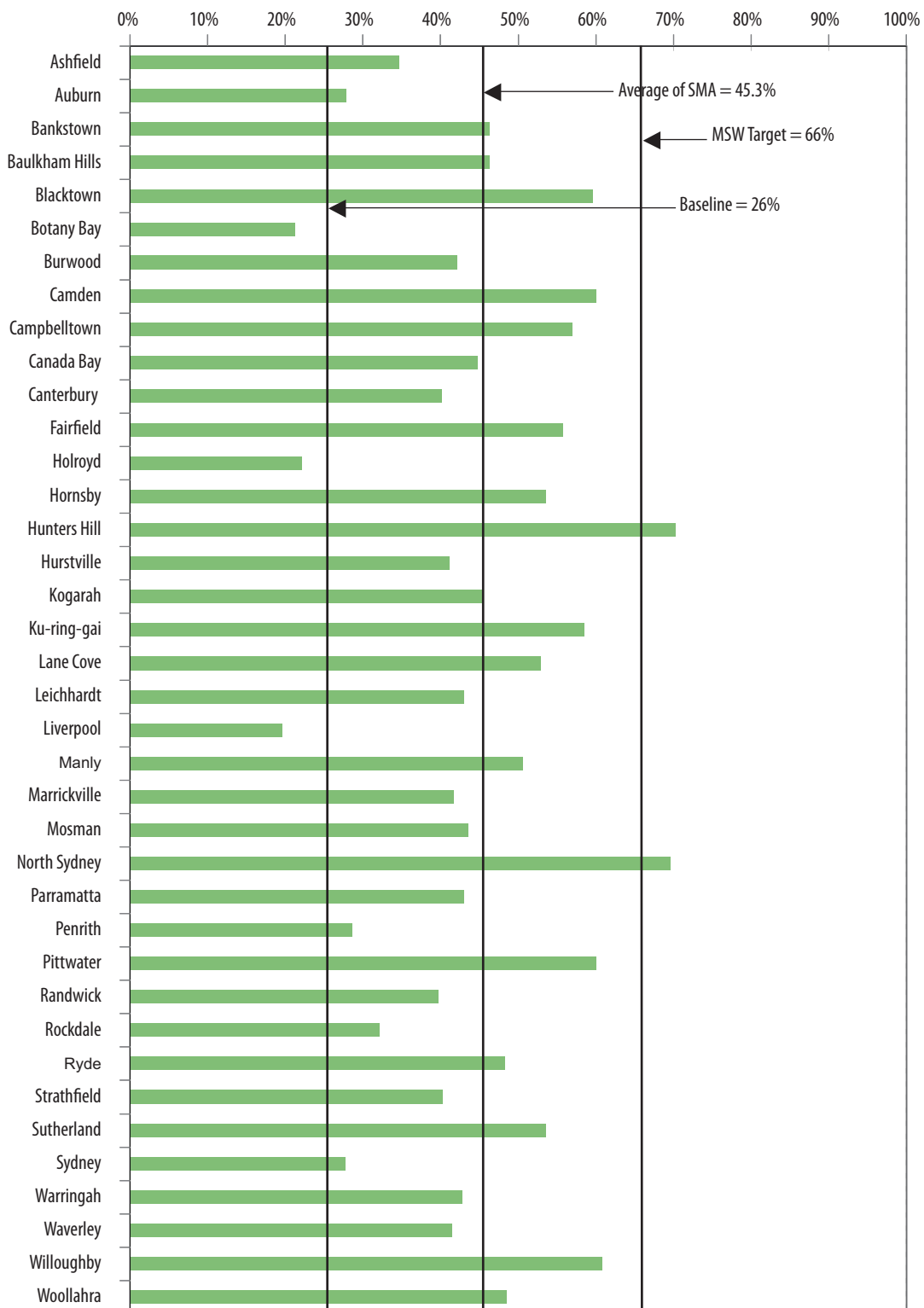


Figure 24: ERA Recovery Rate 2008–09

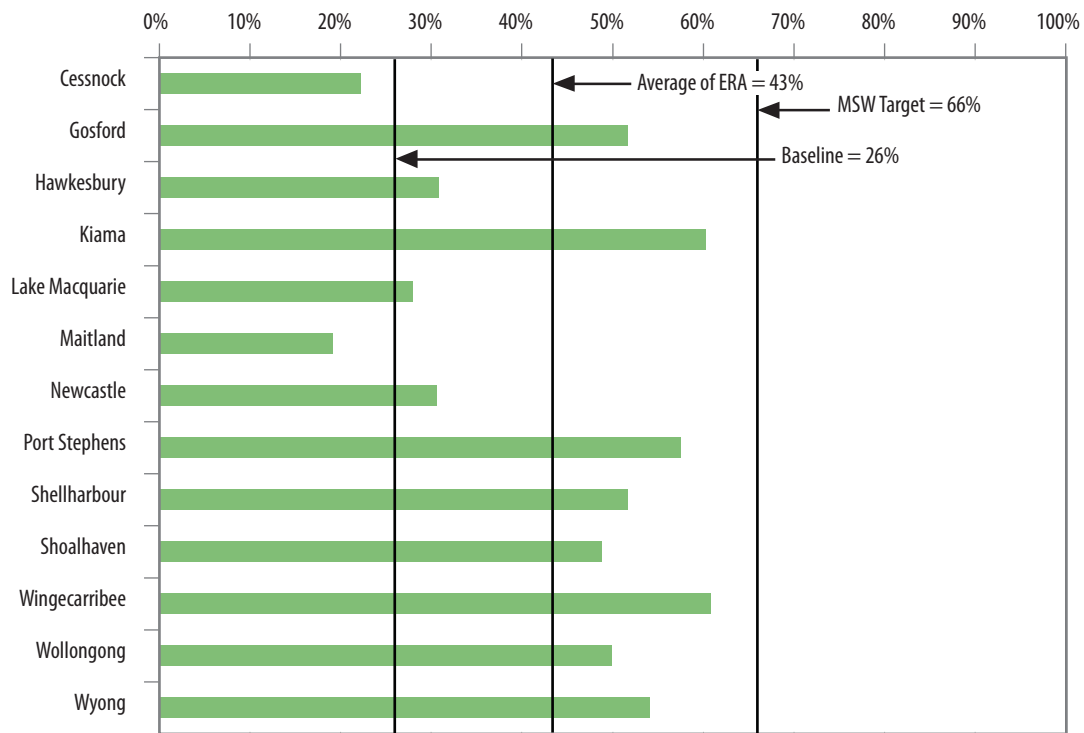
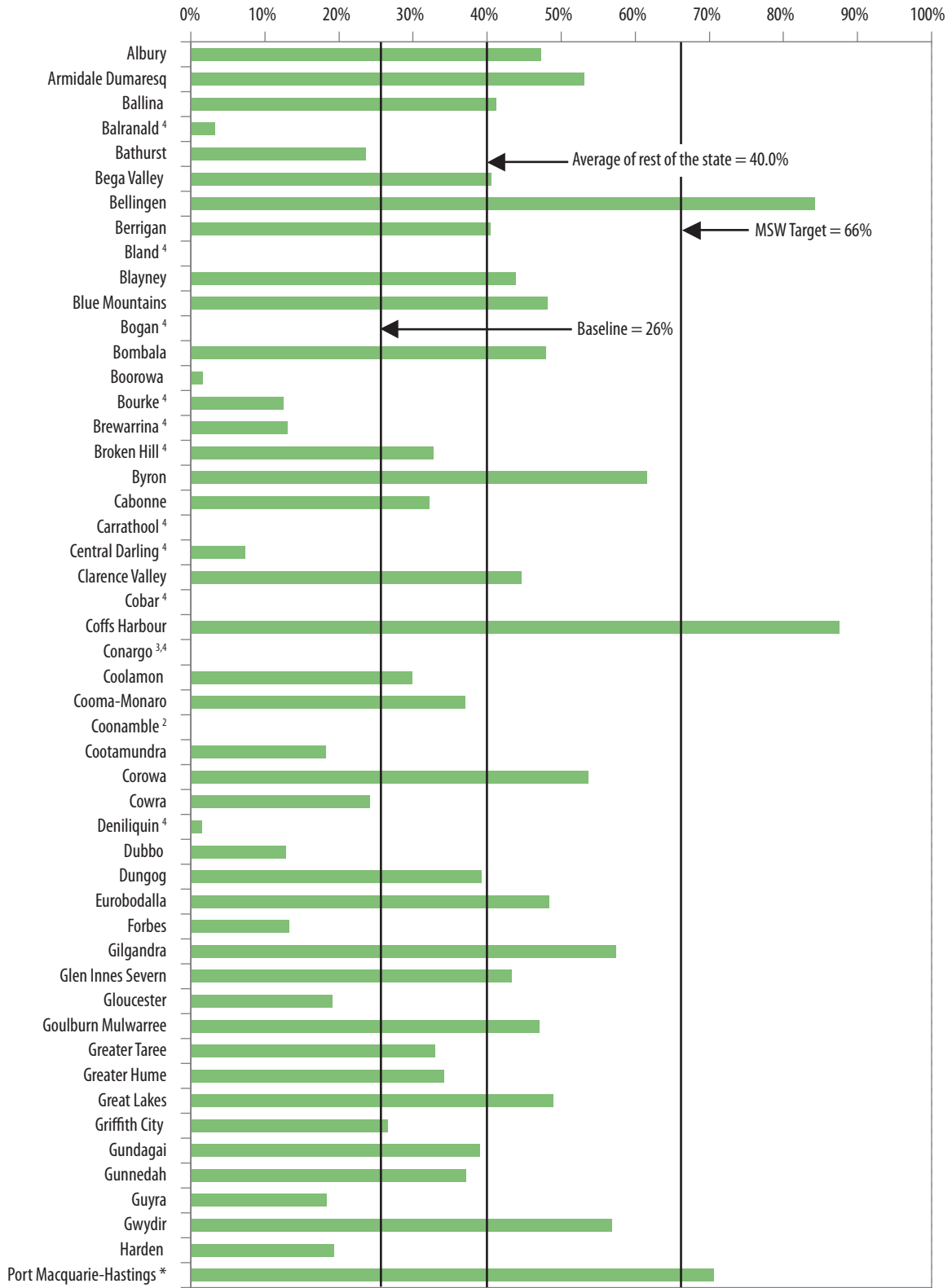
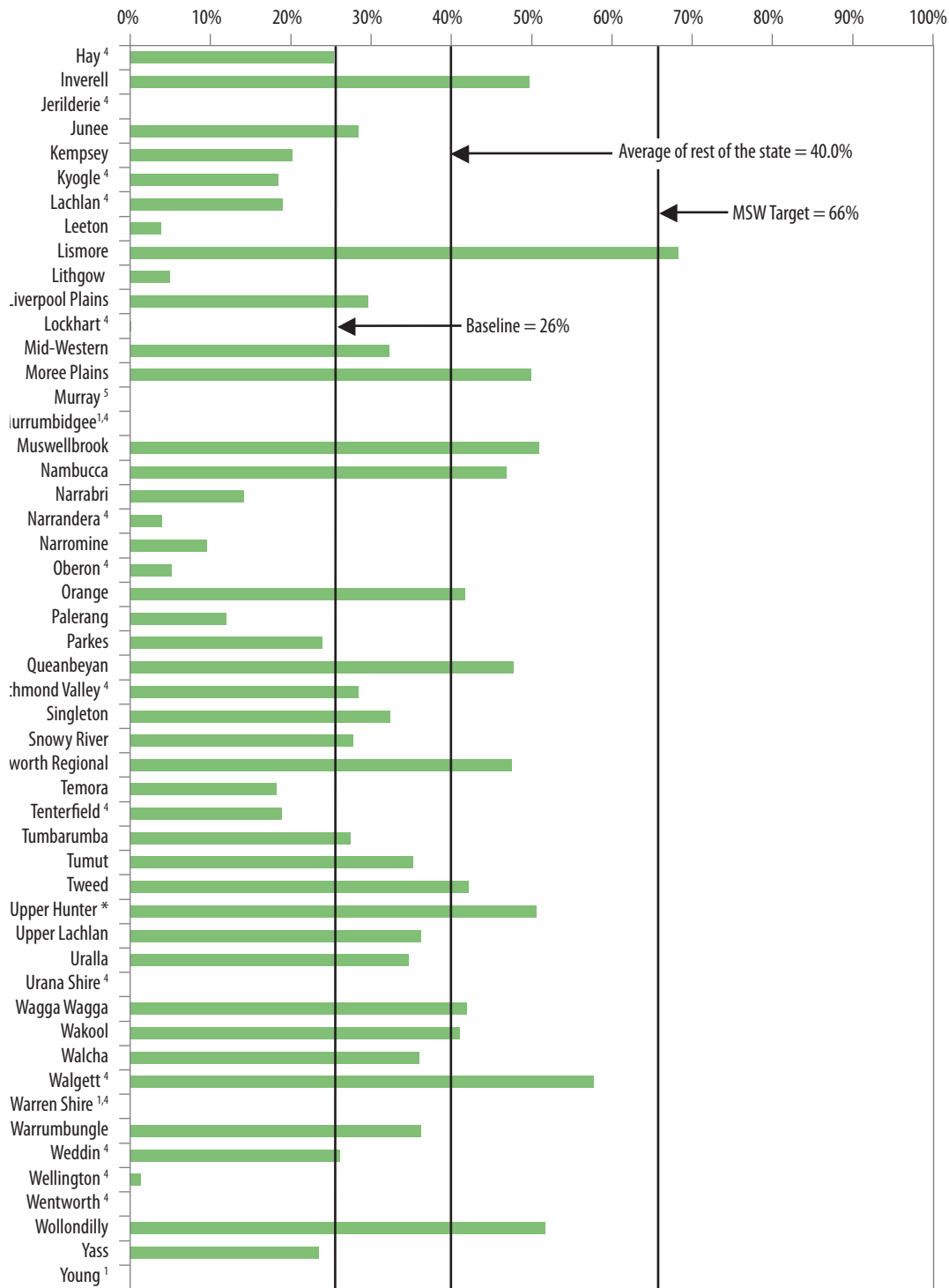


Figure 25: Rest of the state recovery rate 2008–09





Note:

- 1 No kerbside waste data reported
- 2 No kerbside recycling data reported
- 3 No kerbside waste service
- 4 No kerbside recycling service
- 5 No data provided
- * Large amount of C & I waste was excluded from the kerbside residual waste for 2008-09

6. Domestic waste management charges

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

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).

The rates are based on council charges provided. There may be various charges for bin sizes and frequency. The figures listed in Appendix 5 are based on the predominant bin size and frequency.

Glossary

AWT technology

Alternative Waste Treatment technology

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.

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 is 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.

OEH

Office of Environment and Heritage

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 (Ex: 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 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. The initial Strategy was released in 2003 and an updated 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: Waste and resource recovery services 2008–09

ABS	Council name	Region	DLG Group	Population ABS (30 June 08)	Number of individual households	Data supplied	Kerbside domestic waste service	Kerbside domestic waste to AWT	Kerbside domestic recycling service	Kerbside domestic garden organics service	Kerbside clean up service	Drop off recycling facility
60	Albury	N	4	49,779	21,423	Y	Y	N	Y	Y	Y	Y
110	Armidale Dumaresq	N	4	25,228	8,556	Y	Y	N	Y	Y	Y	Y
150	Ashfield	S	2	41,863	19,580	Y	Y	N	Y	Y	Y	N
200	Auburn	S	2	73,495	22,369	Y	Y	N	Y	Y	Y	N
250	Ballina	R	4	41,677	16,408	Y	Y	N	Y	N	N	Y
300	Bairnald	N	9	2,488	1,282	Y	Y	N	N	N	Y	Y
350	Bankstown	S	3	182,178	61,103	Y	Y	N	Y	Y	Y	N
470	Bathurst	N	4	38,326	14,439	Y	Y	N	Y	N	N	Y
500	Hills Shire	S	7	170,965	57,613	Y	Y	N	Y	Y	Y	Y
550	Bega Valley	N	4	32,956	13,978	Y	Y	N	Y	N	N	Y
600	Bellingen	R	11	13,153	4,363	Y	Y	Y	Y	Y	Y	Y
650	Berrigan	N	10	8,494	2,778	Y	Y	N	Y	N	N	Y
750	Blacktown	S	3	291,612	95,305	Y	Y	Y	Y	N	Y	N
800	Bland	N	10	6,289	2,312	Y	Y	N	N	N	N	N
850	Blayney	N	10	6,985	2,093	Y	Y	N	Y	N	Y	Y
900	Blue Mountains	R	7	76,719	32,023	Y	Y	N	Y	N	Y	Y
950	Bogan	N	9	2,989	1,287	Y	Y	N	N	N	Y	Y
1000	Bombala	N	9	2,601	1,379	Y	Y	N	Y	N	Y	Y
1050	Boorowa	N	9	2,390	608	Y	Y	N	Y	N	N	Y
1100	Botany Bay	S	2	38,628	13,457	Y	Y	N	Y	Y	Y	N
1150	Bourke	N	9	3,091	1,065	Y	Y	N	N	N	N	Y
1200	Brewarrina	N	9	1,983	366	Y	Y	N	N	N	Y	Y
1250	Broken Hill	N	4	20,001	9,538	Y	Y	N	N	Y	N	Y
1300	Burwood	S	2	33,269	11,173	Y	Y	N	Y	Y	Y	N
1350	Byron	R	4	31,503	11,656	Y	Y	N	Y	N	Y	Y

Appendix 1: Waste and resource recovery services 2008–09 (continued)

ABS	Council name	Region	DLG Group	Population ABS (30 June 08)	Number of individual households	Data supplied	Kerbside domestic waste service	Kerbside domestic waste to AWT	Kerbside domestic recycling service	Kerbside domestic garden organics service	Kerbside clean up service	Drop off recycling facility
1400	Cabonne	N	11	12,994	2,461	Y	Y	N	Y	N	Y	Y
1450	Camden	S	6	53,394	16,918	Y	Y	Y	Y	Y	Y	N
1500	Campbelltown	S	7	149,071	49,528	Y	Y	Y	Y	Y	Y	Y
1520	Canada Bay	S	2	72,262	30,942	Y	Y	N	Y	Y	Y	N
1550	Canterbury	S	3	139,985	50,401	Y	Y	N	Y	Y	Y	N
1600	Carrathool	N	9	2,916	959	Y	Y	N	Y	N	Y	N
1700	Central Darling	N	9	1,984	1,152	Y	Y	N	Y	N	Y	Y
1720	Cessnock	E	4	49,888	18,481	Y	Y	N	Y	N	N	Y
1730	Clarence Valley	R	4	51,007	23,075	Y	Y	N	Y	Y	Y	Y
1750	Cobar	N	10	5,120	1,828	Y	Y	N	N	N	N	Y
1800	Coffs Harbour	R	4	70,371	30,938	Y	Y	Y	Y	Y	Y	Y
1860	Conargo	N	8	1,710	709	Y	N	N	N	N	N	N
2000	Coolamon	N	9	4,177	2,344	Y	Y	N	Y	N	Y	N
2060	Cooma-Monaro	N	10	10,202	4,829	Y	Y	N	Y	N	N	Y
2150	Coonamble	N	9	4,287	1,629	Y	Y	N	Y	N	Y	Y
2200	Cootamundra	N	10	7,530	2,805	Y	Y	N	Y	N	N	Y
2310	Corowa	N	11	11,481	4,711	Y	Y	N	Y	N	N	Y
2350	Cowra	N	11	12,835	4,260	Y	Y	N	Y	N	N	Y
2500	Deniliquin	N	4	7,635	3,284	Y	Y	N	Y	N	Y	Y
2600	Dubbo	N	4	40,306	13,500	Y	Y	N	Y	N	Y	Y
2700	Dungog	R	10	8,447	3,087	Y	Y	N	Y	N	Y	Y
2750	Eurobodalla	N	4	37,064	20,204	Y	Y	N	Y	Y	Y	Y
2850	Fairfield	S	3	190,657	58,530	Y	Y	Y	Y	N	Y	Y
2900	Forbes	N	10	9,649	4,145	Y	Y	N	Y	N	Y	Y
2950	Gilgandra	N	9	4,564	1,101	Y	Y	N	Y	N	N	Y

3020	Glen Innes Severn	N	6	9,145	4,121	Y	Y	N	Y	N	N	N	Y
3050	Gloucester	R	9	5,001	1,545	Y	Y	N	Y	N	N	N	Y
3100	Gosford	E	7	163,957	62,500	Y	Y	N	Y	Y	Y	Y	Y
3310	Goulburn Mulwarree	N	4	27,706	9,890	Y	Y	N	Y	Y	Y	Y	Y
3350	Greater Taree	R	4	47,781	19,928	Y	Y	N	Y	N	Y	Y	Y
3370	Greater Hume	N	11	10,273	2,562	Y	Y	N	Y	N	N	Y	Y
3400	Great Lakes	R	4	34,853	21,164	Y	Y	N	Y	N	Y	Y	Y
3450	Griffith City	N	4	25,278	9,621	Y	Y	N	Y	N	Y	Y	Y
3500	Gundagai	N	9	3,827	1,140	Y	Y	N	Y	N	N	Y	Y
3550	Gunnedah	N	11	11,985	5,917	Y	Y	N	Y	Y	N	Y	Y
3650	Guyra	N	9	4,435	1,103	Y	Y	N	Y	N	N	Y	Y
3660	Gwydir	N	10	5,328	1,560	Y	Y	N	Y	N	Y	Y	Y
3700	Harden	N	9	3,636	1,006	Y	Y	N	Y	N	N	Y	Y
3750	Port Macquarie - Hastings	R	4	73,870	28,497	Y	Y	Y	Y	Y	Y	Y	Y
3800	Hawkesbury	E	6	62,828	21,200	Y	Y	N	Y	N	Y	Y	Y
3850	Hay	N	9	3,389	1,410	Y	Y	N	Y	N	N	Y	Y
3950	Holroyd	S	3	97,638	32,591	Y	Y	Y	Y	N	Y	Y	Y
4000	Hornsby	S	7	159,211	53,904	Y	Y	N	Y	Y	Y	Y	Y
4100	Hunters Hill	S	2	14,092	4,626	Y	Y	Y	Y	Y	Y	Y	N
4150	Hurstville	S	3	78,036	29,928	Y	Y	N	Y	Y	Y	Y	N
4200	Inverell	N	11	16,375	5,012	Y	Y	N	Y	N	N	Y	-
4250	Jerilderie	N	8	1,657	472	Y	Y	N	Y	N	N	N	N
4300	Junee	N	10	6,107	3,250	Y	Y	N	Y	N	N	Y	Y
4350	Kempsey	R	4	28,856	12,108	Y	Y	N	Y	Y	Y	Y	Y
4400	Kiama	E	4	20,258	8,887	Y	Y	N	Y	Y	Y	Y	Y
4450	Kogarah	S	2	56,591	21,135	Y	Y	N	Y	Y	Y	Y	N
4500	Ku-ring-gai	S	3	108,135	37,401	Y	Y	N	Y	Y	Y	Y	N
4550	Kyogle	R	10	9,683	3,778	Y	Y	N	Y	N	N	Y	Y
4600	Lachlan	N	10	6,838	3,036	Y	Y	N	Y	N	Y	Y	Y
4650	Lake Macquarie	E	5	195,559	73,918	Y	Y	N	Y	N	Y	Y	Y
4700	Lane Cove	S	2	31,638	13,316	Y	Y	Y	Y	Y	Y	Y	N

Appendix 1: Waste and resource recovery services 2008–09 (continued)

ABS	Council name	Region	DLG Group	Population ABS (30 June 08)	Number of individual households	Data supplied	Kerbside domestic waste service	Kerbside domestic waste to AWT	Kerbside domestic recycling service	Kerbside domestic garden organics service	Kerbside clean up service	Drop off recycling facility
4750	Leeton	N	11	11,727	4,266	Y	Y	N	Y	N	Y	Y
4800	Leichhardt	S	2	53,217	24,487	Y	Y	Y	Y	Y	Y	Y
4850	Lismore	R	4	44,993	18,660	Y	Y	Y	Y	Y	N	Y
4880	Lithgow	N	4	20,620	10,487	Y	Y	N	Y	N	Y	N
4900	Liverpool	S	7	176,903	56,477	Y	Y	Y	Y	N	Y	N
4920	Liverpool Plains	N	10	7,880	2,730	Y	Y	N	Y	N	Y	Y
4950	Lockhart	N	9	3,275	926	Y	Y	N	N	N	Y	Y
5050	Maitland	E	4	67,621	25,145	Y	Y	N	Y	N	N	Y
5150	Manly	S	2	39,667	17,918	Y	Y	N	Y	Y	Y	Y
5200	Marrickville	S	3	77,141	30,762	Y	Y	N	Y	Y	Y	N
5270	Mid-Western	N	4	22,359	12,218	Y	Y	N	Y	N	N	Y
5300	Moree Plains	N	11	14,338	6,070	Y	Y	N	Y	N	Y	Y
5350	Mosman	S	2	28,356	12,409	Y	Y	N	Y	Y	Y	Y
5500	Murray	N	10	7,076	0	N	Y	NA	NA	NA	NA	NA
5550	Murrumbidgee	N	9	2,547	737	Y	Y	N	N	N	Y	Y
5650	Muswellbrook	R	11	16,116	7,330	Y	Y	N	Y	Y	Y	Y
5700	Nambucca	R	11	18,921	6,442	Y	Y	Y	Y	Y	Y	Y
5750	Narrabri	N	11	13,507	4,725	Y	Y	N	Y	N	N	Y
5800	Narrandera	N	10	6,181	3,336	Y	Y	N	N	N	N	Y
5850	Narramine	N	10	6,785	2,492	Y	Y	N	Y	N	N	Y
5900	Newcastle	E	5	152,659	58,677	Y	Y	N	Y	Y	Y	Y
5950	North Sydney	S	2	62,668	32,457	Y	Y	Y	Y	Y	Y	N
6110	Oberon	N	10	5,291	1,145	Y	Y	N	N	N	N	Y
6150	Orange	N	4	37,991	16,475	Y	Y	N	Y	N	Y	Y
6180	Palerang	N	11	13,852	6,533	Y	Y	N	Y	N	N	Y

6200	Parkes	N	11	14,956	5,105	Y	Y	N	Y	N	Y	N	N
6250	Parramatta	S	3	161,912	59,935	Y	Y	N	Y	Y	Y	Y	N
6350	Penrith	S	7	180,766	62,928	Y	Y	Y	Y	N	Y	Y	N
6370	Pittwater	S	2	57,018	21,742	Y	Y	N	Y	Y	Y	Y	Y
6400	Port Stephens	E	4	65,464	28,534	Y	Y	Y	Y	N	Y	Y	Y
6470	Queanbeyan	N	4	39,603	15,510	Y	Y	N	Y	Y	Y	Y	Y
6550	Randwick	S	3	129,171	55,352	Y	Y	N	Y	Y	Y	Y	Y
6610	Richmond Valley	R	4	22,672	6,800	Y	Y	N	N	N	Y	Y	Y
6650	Rockdale	S	3	100,007	35,440	Y	Y	N	Y	N	Y	Y	Y
6700	Ryde	S	3	103,597	40,520	Y	Y	N	Y	Y	Y	Y	N
6900	Shellharbour	E	4	65,587	23,226	Y	Y	N	Y	Y	Y	Y	Y
6950	Shoalhaven	E	5	93,900	44,597	Y	Y	N	Y	Y	Y	Y	Y
7000	Singleton	R	4	23,458	9,262	Y	Y	N	Y	N	Y	Y	Y
7050	Snowy River	N	10	7,894	4,091	Y	Y	N	Y	N	Y	N	Y
7100	Strathfield	S	2	35,124	12,550	Y	Y	N	Y	Y	Y	Y	Y
7150	Sutherland	S	3	215,868	79,256	Y	Y	N	Y	Y	Y	Y	Y
7210	Sydney	S	1	172,685	90,819	Y	Y	Y	Y	Y	Y	Y	N
7310	Tamworth Regional	N	4	57,182	23,727	Y	Y	N	Y	Y	Y	Y	Y
7350	Temora	N	10	6,022	2,936	Y	Y	N	Y	N	Y	Y	Y
7400	Tenterfield	N	10	6,907	3,306	Y	Y	N	Y	N	Y	Y	Y
7450	Tumbarumba	N	9	3,672	992	Y	Y	N	Y	N	N	Y	Y
7510	Tumut	N	11	11,236	3,964	Y	Y	N	Y	N	N	Y	Y
7550	Tweed	R	5	86,833	36,489	Y	Y	N	Y	Y	Y	Y	Y
7620	Upper Hunter	R	11	13,785	4,749	Y	Y	N	Y	N	Y	Y	Y
7640	Upper Lachlan	N	10	7,392	5,024	Y	Y	N	Y	N	Y	N	Y
7650	Uralla	N	10	6,081	1,707	Y	Y	N	Y	N	Y	Y	Y
7700	Urana Shire	N	8	1,270	669	Y	Y	N	Y	N	Y	Y	N
7750	Wagga Wagga	N	4	61,656	23,119	Y	Y	N	Y	Y	Y	Y	Y
7800	Wakool	N	9	4,414	1,755	Y	Y	N	Y	N	Y	N	Y
7850	Walcha	N	9	3,276	1,717	Y	Y	N	Y	N	Y	N	Y

51

Appendix 1: Waste and resource recovery services 2008–09 (continued)

ABS	Council name	Region	DLG Group	Population ABS (30 June 08)	Number of individual households	Data supplied	Kerbside domestic waste service	Kerbside domestic waste to AWT	Kerbside domestic recycling service	Kerbside domestic garden organics service	Kerbside clean up service	Drop off recycling facility
7900	Walgett	N	10	7,093	4,421	Y	Y	N	N	N	N	Y
7950	Warren Shire	N	9	2,799	814	Y	Y	N	N	N	N	Y
8000	Warringham	S	3	141,686	53,316	Y	Y	N	Y	Y	Y	Y
8020	Warrumbungle	N	11	10,197	2,866	Y	Y	N	Y	N	N	Y
8050	Waverley	S	2	66,852	30,883	Y	Y	N	Y	Y	Y	N
8100	Weddin	N	9	3,752	2,410	Y	Y	N	N	N	N	Y
8150	Wellington	N	10	8,711	3,200	Y	Y	N	N	N	Y	Y
8200	Wentworth	N	10	7,159	2,695	Y	Y	N	N	N	N	N
8250	Willoughby	S	2	68,008	26,304	Y	Y	Y	Y	Y	Y	N
8350	Wingecarribee	E	4	45,418	16,744	Y	Y	N	Y	Y	Y	Y
8400	Wollondilly	R	6	42,397	14,565	Y	Y	Y	Y	Y	Y	Y
8450	Wollongong	E	5	198,324	76,473	Y	Y	N	Y	Y	Y	Y
8500	Woollahra	S	2	53,866	24,632	Y	Y	N	Y	Y	Y	N
8550	Wyong	E	7	146,589	58,807	Y	Y	N	Y	Y	Y	Y
8710	Yass	N	11	14,395	3,286	Y	Y	N	Y	N	Y	Y
8750	Young	N	11	12,547	3,319	Y	Y	N	Y	N	Y	Y
					Total count	151	151	20	124	60	101	117

Note: NA – Not available/not reported

Appendix 2: Resource recovery rates (Total domestic and kerbside) 2008–09

ABS	Council name	Region	DLG Group	Total domestic waste streams (kerbside, clean up, drop off)				Domestic waste streams (kerbside service only)			
				Dry recyclables, garden organics and AWT recovery	Residual waste	Total generation	Total domestic resource recovery rate	Dry recyclables, garden organics and AWT recovery	Residual waste	Total generation	Domestic kerbside resource recovery rate
60	Albury	N	4	11,564	12,898	24,463	47.3%	7,917	11,003	18,920	41.8%
110	Armidale Dumaresq	N	4	6,934	6,134	13,068	53.1%	5,068	4,377	9,444	53.7%
150	Ashfield	S	2	5,847	11,037	16,884	34.6%	5,677	10,303	15,980	35.5%
200	Auburn	S	2	7,596	19,643	27,239	27.9%	7,551	17,407	24,958	30.3%
250	Ballina	R	4	9,691	13,834	23,525	41.2%	3,417	11,985	15,402	22.2%
300	Bairnald	N	9	28	850	878	3.2%	-	780	780	NA
350	Bankstown	S	3	36,959	42,785	79,744	46.3%	36,297	39,308	75,605	48.0%
470	Bathurst	N	4	4,200	13,597	17,797	23.6%	3,265	4,597	7,862	41.5%
500	Baulkham Hills	S	7	36,048	41,695	77,743	46.4%	34,421	37,020	71,441	48.2%
550	Bega Valley	N	4	5,413	7,922	13,334	40.6%	3,900	3,900	7,800	50.0%
600	Bellingen	R	11	5,685	1,069	6,754	84.2%	5,610	994	6,604	84.9%
650	Berrigan	N	10	1,088	1,602	2,690	40.5%	947	1,430	2,377	39.8%
750	Blacktown	S	3	73,016	49,553	122,569	59.6%	72,574	43,940	116,514	62.3%
800	Bland	N	10	-	4,900	4,900	NA	-	3,000	3,000	NA
850	Blayney	N	10	1,511	1,941	3,452	43.8%	510	1,941	2,451	20.8%
900	Blue Mountains	R	7	23,349	25,242	48,591	48.1%	9,003	21,477	30,480	29.5%
950	Bogan	N	9	-	500	500	NA	-	500	500	NA
1000	Bombala	N	9	899	975	1,874	48.0%	392	565	957	40.9%
1050	Boorowa	N	9	13	832	845	1.6%	11	832	843	1.3%
1100	Botany Bay	S	2	2,894	10,743	13,637	21.2%	2,894	9,510	12,404	23.3%
1150	Bourke	N	9	240	1,681	1,921	12.5%	-	855	855	NA
1200	Brewarrina	N	9	105	500	605	17.4%	-	300	300	NA

Appendix 2: Resource recovery rates (continued)

ABS	Council name	Region	DLG Group	Total domestic waste streams (kerbside, clean up, drop off)				Domestic waste streams (kerbside service only)			
				Dry recyclables, garden organics and AWT recovery	Residual waste	Total generation	Total domestic recovery rate	Dry recyclables, garden organics and AWT recovery	Residual waste	Total generation	Domestic kerbside recovery rate
1300	Burwood	S	2	5,577	7,658	13,235	42.1%	5,227	7,335	12,562	41.6%
1350	Byron	R	4	10,862	6,779	17,641	61.6%	4,454	5,842	10,296	43.3%
1400	Cabonne	N	11	2,114	4,451	6,565	32.2%	655	1,831	2,487	26.4%
1450	Camden	S	6	14,919	9,894	24,813	60.1%	14,805	9,162	23,968	61.8%
1500	Campbelltown	S	7	37,308	28,205	65,513	56.9%	36,999	23,936	60,935	60.7%
1520	Canada Bay	S	2	13,532	16,723	30,255	44.7%	13,284	14,884	28,168	47.2%
1550	Canterbury	S	3	23,990	35,670	59,660	40.2%	23,939	32,737	56,676	42.2%
1600	Carrathool	N	9	-	293	293	NA	-	264	264	NA
1700	Central Darling	N	9	100	1,273	1,373	7.3%	-	726	726	NA
1720	Cessnock	E	4	6,797	23,708	30,505	22.3%	3,902	15,374	19,275	20.2%
1730	Clarence Valley	R	4	14,563	18,066	32,629	44.6%	9,068	11,482	20,550	44.1%
1750	Cobar	N	10	-	1,422	1,422	NA	-	1,422	1,422	NA
1800	Coffs Harbour	R	4	32,070	4,553	36,623	87.6%	27,287	2,611	29,898	91.3%
1860	Conargo	N	8	-	977	977	NA	-	-	-	NA
2000	Coolamon	N	9	309	725	1,034	29.9%	309	725	1,034	29.9%
2060	Cooma-Monaro	N	10	1,459	2,476	3,935	37.1%	630	1,645	2,275	27.7%
2150	Coonamble	N	9	-	4,000	4,000	NA	-	2,000	2,000	NA
2200	Cootamundra	N	10	1,518	6,836	8,354	18.2%	537	3,556	4,093	13.1%
2310	Corowa	N	11	6,045	5,226	11,271	53.6%	1,045	2,226	3,271	31.9%
2350	Cowra	N	11	1,339	4,199	5,539	24.2%	796	3,300	4,095	19.4%
2500	Deniliquin	N	4	105	6,928	7,033	1.5%	-	4,741	4,741	NA
2600	Dubbo	N	4	2,149	14,631	16,780	12.8%	25	12,894	12,919	0.2%
2700	Dungog	R	10	1,163	1,800	2,963	39.3%	770	1,500	2,270	33.9%

2750	Eurobodalla	N	4	10,153	10,875	21,028	48.3%	7,282	5,534	12,816	56.8%
2850	Fairfield	S	3	47,326	37,591	84,918	55.7%	47,126	29,749	76,875	61.3%
2900	Forbes	N	10	1,310	8,614	9,924	13.2%	647	3,536	4,183	15.5%
2950	Gilgandra	N	9	1,337	995	2,332	57.3%	481	845	1,326	36.3%
3020	Glen Innes Severn	N	6	1,911	2,500	4,411	43.3%	1,161	1,875	3,036	38.2%
3050	Gloucester	R	9	1,176	2,000	3,176	37.0%	333	2,000	2,333	14.3%
3100	Gosford	E	7	48,291	45,079	93,370	51.7%	39,371	35,092	74,463	52.9%
3310	Goulburn Mulwarree	N	4	4,607	5,192	9,799	47.0%	4,384	5,192	9,576	45.8%
3350	Greater Taree	R	4	8,045	16,397	24,442	32.9%	4,988	9,186	14,174	35.2%
3370	Greater Hume	N	11	1,036	1,995	3,031	34.2%	726	995	1,721	42.2%
3400	Great Lakes	R	4	12,412	12,969	25,381	48.9%	4,127	10,438	14,565	28.3%
3450	Griffith City	N	4	2,380	6,576	8,956	26.6%	1,116	6,273	7,389	15.1%
3500	Gundagai	N	9	380	595	975	39.0%	320	525	845	37.9%
3550	Gunnedah	N	11	3,333	5,641	8,974	37.1%	2,233	2,486	4,719	47.3%
3650	Guyra	N	9	233	1,033	1,266	18.4%	233	819	1,051	22.1%
3660	Gwydir	N	10	1,728	1,310	3,038	56.9%	1,040	1,300	2,340	44.4%
3700	Harden	N	9	208	870	1,078	19.3%	144	624	768	18.7%
3750	Port Macquarie – Hastings	R	4	29,876	12,658	42,534	70.2%	23,666	9,524	33,190	71.3%
3800	Hawkesbury	E	6	10,692	23,889	34,581	30.9%	6,476	19,637	26,113	24.8%
3850	Hay	N	9	850	2,500	3,350	25.4%	-	-	-	NA
3950	Holroyd	S	3	8,619	30,255	38,874	22.2%	8,475	27,473	35,948	23.6%
4000	Hornsby	S	7	38,240	33,180	71,420	53.5%	35,898	30,035	65,933	54.4%
4100	Hunters Hill	S	2	3,413	1,445	4,858	70.3%	3,413	1,270	4,683	72.9%
4150	Hurstville	S	3	15,245	21,795	37,040	41.2%	15,245	19,758	35,003	43.6%
4200	Inverell	N	11	2,160	2,188	4,347	49.7%	2,160	2,188	4,347	49.7%
4250	Jerilderie	N	8	-	832	832	NA	-	832	832	NA
4300	Junee	N	10	475	1,192	1,667	28.5%	450	842	1,292	34.8%
4350	Kempsey	R	4	3,625	14,300	17,925	20.2%	2,505	10,300	12,805	19.6%
4400	Kiama	E	4	5,614	3,702	9,315	60.3%	4,481	3,496	7,977	56.2%
4450	Kogarah	S	2	12,316	14,752	27,068	45.5%	12,088	13,325	25,413	47.6%

Appendix 2: Resource recovery rates (continued)

ABS	Council name	Region	DLG Group	Total domestic waste streams (kerbside, clean up, drop off)				Domestic waste streams (kerbside service only)			
				Dry recyclables, garden organics and AWT recovery	Residual waste	Total generation	Total domestic recovery rate	Dry recyclables, garden organics and AWT recovery	Residual waste	Total generation	Domestic kerbside recovery rate
4500	Ku-ring-gai	S	3	33,351	23,674	57,025	58.5%	33,246	21,500	54,746	60.7%
4550	Kyogle	R	10	943	4,158	5,101	18.5%	-	2,569	2,569	NA
4600	Lachlan	N	10	475	2,030	2,505	19.0%	475	2,030	2,505	19.0%
4650	Lake Macquarie	E	5	27,620	71,436	99,056	27.9%	17,858	58,933	76,791	23.3%
4700	Lane Cove	S	2	6,788	6,036	12,824	52.9%	6,742	5,326	12,068	55.9%
4750	Leeton	N	11	209	5,291	5,500	3.8%	90	2,805	2,894	3.1%
4800	Leichhardt	S	2	9,399	12,462	21,861	43.0%	8,991	10,358	19,349	46.5%
4850	Lismore	R	4	22,920	10,656	33,577	68.3%	19,172	5,698	24,870	77.1%
4880	Lithgow	N	4	822	15,641	16,463	5.0%	822	14,334	15,156	5.4%
4900	Liverpool	S	7	14,830	60,981	75,811	19.6%	12,215	58,366	70,581	17.3%
4920	Liverpool Plains	N	10	984	2,334	3,318	29.7%	301	2,325	2,626	11.4%
4950	Lockhart	N	9	2	1,376	1,378	0.1%	-	614	614	NA
5050	Maitland	E	4	7,246	30,603	37,849	19.1%	5,836	18,643	24,479	23.8%
5150	Manly	S	2	8,624	8,416	17,040	50.6%	7,515	7,388	14,903	50.4%
5200	Marrickville	S	3	12,840	17,927	30,767	41.7%	12,470	16,499	28,969	43.0%
5270	Mid-Western	N	4	4,463	9,383	13,846	32.2%	2,063	4,241	6,304	32.7%
5300	Moree Plains	N	11	3,108	3,111	6,219	50.0%	980	2,990	3,970	24.7%
5350	Mosman	S	2	4,911	6,362	11,273	43.6%	4,888	5,968	10,856	45.0%
5500	Murray	N	10	-	-	-	NA	-	-	-	NA
5550	Murrumbidgee	N	9	-	600	600	NA	-	-	-	NA
5650	Muswellbrook	R	11	4,298	4,136	8,434	51.0%	2,574	2,773	5,347	48.1%
5700	Nambucca	R	11	9,552	10,831	20,383	46.9%	8,637	1,776	10,413	82.9%
5750	Narrabri	N	11	1,985	12,000	13,985	14.2%	1,885	8,000	9,885	19.1%

5800	Narrandera	N	10	203	5,000	5,203	3.9%	-	1,700	1,700	NA
5850	Narramine	N	10	535	5,077	5,612	9.5%	535	1,188	1,723	31.1%
5900	Newcastle	E	5	21,211	48,070	69,281	30.6%	16,995	46,730	63,725	26.7%
5950	North Sydney	S	2	16,211	7,072	23,283	69.6%	16,179	5,582	21,761	74.3%
6110	Oberon	N	10	100	1,809	1,909	5.2%	-	-	-	NA
6150	Orange	N	4	9,587	13,370	22,957	41.8%	3,710	11,961	15,671	23.7%
6180	Palerang	N	11	1,513	11,085	12,598	12.0%	520	835	1,355	38.4%
6200	Parkes	N	11	944	3,000	3,944	23.9%	939	3,000	3,939	23.8%
6250	Parramatta	S	3	27,026	35,747	62,773	43.1%	27,026	31,055	58,081	46.5%
6350	Penrith	S	7	22,354	55,735	78,089	28.6%	22,186	53,193	75,379	29.4%
6370	Pittwater	S	2	18,674	12,385	31,059	60.1%	11,727	10,698	22,425	52.3%
6400	Port Stephens	E	4	19,241	14,192	33,433	57.6%	17,717	11,369	29,086	60.9%
6470	Queanbeyan	N	4	7,982	8,712	16,694	47.8%	5,465	8,152	13,616	40.1%
6550	Randwick	S	3	20,294	30,826	51,120	39.7%	19,425	26,286	45,712	42.5%
6610	Richmond Valley	R	4	3,864	9,748	13,611	28.4%	-	5,277	5,277	NA
6650	Rockdale	S	3	13,515	28,523	42,038	32.1%	9,437	28,523	37,960	24.9%
6700	Ryde	S	3	21,838	23,407	45,245	48.3%	20,529	20,793	41,321	49.7%
6900	Shellharbour	E	4	19,930	18,642	38,572	51.7%	13,082	11,665	24,747	52.9%
6950	Shoalhaven	E	5	27,543	29,146	56,689	48.6%	11,719	21,808	33,527	35.0%
7000	Singleton	R	4	4,393	9,166	13,559	32.4%	1,997	5,915	7,913	25.2%
7050	Snowy River	N	10	766	1,989	2,755	27.8%	315	1,324	1,639	19.2%
7100	Strathfield	S	2	5,030	7,474	12,504	40.2%	4,767	7,474	12,241	38.9%
7150	Sutherland	S	3	55,351	47,868	103,219	53.6%	52,808	42,048	94,855	55.7%
7210	Sydney	S	1	17,091	44,473	61,564	27.8%	15,942	41,732	57,674	27.6%
7310	Tamworth Regional	N	4	19,061	21,029	40,090	47.5%	6,336	15,001	21,337	29.7%
7350	Temora	N	10	728	3,260	3,988	18.3%	70	1,700	1,770	4.0%
7400	Tenterfield	N	10	952	4,074	5,026	18.9%	-	1,418	1,418	NA
7450	Tumbarumba	N	9	489	1,289	1,778	27.5%	416	933	1,349	30.8%
7510	Tumut	N	11	2,011	3,700	5,711	35.2%	1,111	3,200	4,311	25.8%
7550	Tweed	R	5	16,386	22,547	38,934	42.1%	10,881	20,366	31,247	34.8%

Appendix 2: Resource recovery rates (continued)

ABS	Council name	Region	DLG Group	Total domestic waste streams (kerbside, clean up, drop off)				Domestic waste streams (kerbside service only)			
				Dry recyclables, garden organics and AWT recovery	Residual waste	Total generation	Total domestic resource recovery rate	Dry recyclables, garden organics and AWT recovery	Residual waste	Total generation	Domestic kerbside resource recovery rate
7620	Upper Hunter *	R	11	2,994	2,922	5,916	50.6%	849	2,922	3,771	22.5%
7640	Upper Lachlan	N	10	918	1,616	2,534	36.2%	455	956	1,411	32.3%
7650	Uralla	N	10	1,199	2,252	3,450	34.7%	885	1,379	2,264	39.1%
7700	Urana Shire	N	8	-	332	332	0.0%	-	270	270	NA
7750	Wagga Wagga	N	4	9,801	13,569	23,370	41.9%	6,958	9,913	16,872	41.2%
7800	Wakool	N	9	415	597	1,012	41.0%	340	501	841	40.4%
7850	Walcha	N	9	552	980	1,532	36.0%	166	600	766	21.7%
7900	Walgett	N	10	2,129	1,560	3,689	57.7%	-	1,500	1,500	NA
7950	Warren Shire	N	9	-	-	-	NA	-	-	-	NA
8000	Warrindah	S	3	27,851	37,222	65,073	42.8%	27,835	31,984	59,819	46.5%
8020	Warrumbungle	N	11	1,701	3,000	4,701	36.2%	1,301	2,300	3,601	36.1%
8050	Waverley	S	2	10,453	14,747	25,200	41.5%	10,417	13,575	23,991	43.4%
8100	Weddin	N	9	208	590	798	26.1%	-	400	400	NA
8150	Wellington	N	10	30	2,250	2,280	1.3%	-	1,500	1,500	NA
8200	Wentworth	N	10	-	2,500	2,500	0.0%	-	500	500	NA
8250	Willoughby	S	2	18,444	11,865	30,309	60.9%	18,341	11,033	29,374	62.4%
8350	Wingecarribee	E	4	14,622	9,388	24,010	60.9%	5,013	7,695	12,708	39.4%
8400	Wollondilly	R	6	11,242	10,518	21,760	51.7%	9,333	8,830	18,163	51.4%
8450	Wollongong	E	5	50,472	50,610	101,082	49.9%	38,737	37,802	76,539	50.6%
8500	Woollahra	S	2	11,740	12,488	24,228	48.5%	10,640	11,512	22,152	48.0%

8550	Wyong	E	7	50,886	43,261	94,147	54.0%	39,888	30,252	70,140	56.9%
8710	Yass	N	11	2,502	8,116	10,618	23.6%	893	3,321	4,213	21.2%
8750	Young	N	11	3,716	167	3,883	95.7%	737	-	737	NA
Total											
NSW				1,463,835	1,889,631	3,353,466	43.7%	1,186,291	1,520,787	2,707,078	43.8%

SMA											
ERA				759,459	918,314	1,677,773	45.3%	729,238	828,045	1,557,283	46.8%
Rest of the state				310,164	411,725	721,890	43.0%	221,076	318,495	539,571	41.0%
				394,211	559,592	953,803	40.0%	235,977	374,246	610,224	38.7%

ABS	Council name	Region	DLG Group
AWT COUNCILS AMENDED			
600	Bellingen Shire Council	R	11
1450	Camden Council	S	6
1800	Coffs Harbour City Council	R	4
2850	Fairfield City Council	S	3
3950	Holroyd City Council	S	3
4100	Hunters Hill	S	2
4700	Lane Cove Municipal Council	S	2
4900	Liverpool City Council	S	7
5700	Nambucca Shire Council	R	11
5950	North Sydney Council	S	2
6350	Penrith City Council	S	7
7210	Council of the City of Sydney	S	1
8250	Willoughby City Council	S	2
8400	Wollondilly	R	6

Council assumed	75.0%	of waste sent to AWT was recovered
Council assumed	37.3%	of waste sent to AWT was recovered
Council assumed	75.0%	of waste sent to AWT was recovered
Council assumed	54.4%	of waste sent to AWT was recovered
Council assumed	52.0%	of waste sent to AWT was recovered
Council assumed	55.8%	of waste sent to AWT was recovered
Council assumed	57.0%	of waste sent to AWT was recovered
Council assumed	68.0%	of waste sent to AWT was recovered
Council assumed	68.6%	of waste sent to AWT was recovered
Council assumed	54.4%	of waste sent to AWT was recovered
Council assumed	54.4%	of waste sent to AWT was recovered
Council assumed	70.0%	of waste sent to AWT was recovered
Council assumed	53.5%	of waste sent to AWT was recovered
Council assumed	37.3%	of waste sent to AWT was recovered

Note:

NA – Not applicable

* Substantial year to year variations in self-reported residual disposal and resource recovery data are unexplained and have not been verified

For all councils using AWT as recovery rates for material sent to AWT are shown.

These rates are as nominally reported by councils and nominally reduced by OEH in discussion with the councils.

They are not verified

Appendix 3: Kerbside generation by household and population 2008-09

ABS	Council name	Region	DLG Group	Dry recycling			Garden organics			Residual waste		
				Tonnes collected	Per household kg/hh/wk	Per capita kg/ca/wk	Tonnes collected	Per household kg/hh/wk	Per capita kg/ca/wk	Tonnes collected	Per household kg/hh/wk	Per capita kg/ca/wk
60	Albury	N	4	5,699.14	5.12	2.20	2,218.20	6.00	0.86	11,002.84	9.88	4.25
110	Armisdale Dumaresq	N	4	3,437.65	7.73	2.62	1,629.93	3.66	1.24	4,376.62	9.84	3.34
150	Ashfield	S	2	4,075.70	4.44	2.08	1,601.00	7.94	0.74	10,303.00	11.23	4.73
200	Auburn	S	2	3,788.40	3.47	1.06	3,762.84	6.03	0.98	17,406.85	14.98	4.55
250	Ballina	R	4	3,417.00	4.00	1.58	No Service	-	-	11,985.00	14.05	5.53
300	Balranald	N	9	No Service	-	-	No Service	-	-	780.00	18.05	6.03
350	Bankstown	S	3	16,471.10	6.33	2.12	19,826.00	7.61	2.09	39,308.00	12.37	4.15
470	Bathurst	N	4	3,264.89	4.82	1.81	No Service	-	-	4,597.16	6.13	2.31
500	Baulkham Hills	S	7	16,719.10	6.14	2.07	17,702.00	7.29	1.99	37,020.00	12.76	4.16
550	Bega Valley	N	4	3,899.92	5.83	2.47	No Service	-	-	3,899.82	5.10	2.28
600	Bellingen	R	11	1,174.90	5.91	1.96	1,453.36	7.31	2.12	3,975.79	19.99	5.81
650	Berrigan	N	10	946.77	6.55	2.14	No Service	-	-	1,430.00	9.90	3.24
750	Blacktown	S	3	26,174.00	5.33	1.74	No Service	-	-	90,340.00	18.23	5.96
800	Bland	N	10	No Service	-	-	No Service	-	-	3,000.00	24.95	9.17
850	Blayney	N	10	510.11	4.69	1.40	No Service	-	-	1,940.60	17.83	5.34
900	Blue Mountains	R	7	9,003.00	5.41	2.26	No Service	-	-	21,477.00	12.90	5.38
950	Bogan	N	9	No Service	-	-	No Service	-	-	500.00	13.49	3.22
1000	Bombala	N	9	391.84	9.36	4.96	No Service	-	-	565.27	11.66	4.18
1050	Boorowa	N	9	11.00	0.35	0.09	No Service	-	-	832.00	26.32	6.69
1100	Botany Bay	S	2	2,893.96	4.14	1.44	NA	-	-	9,509.72	13.59	4.73
1150	Bourke	N	9	No Service	-	-	No Service	-	-	855.00	15.44	5.32
1200	Brewarrina	N	9	No Service	-	-	No Service	-	-	300.00	15.81	2.91
1250	Broken Hill	N	4	No Service	-	-	1,157.53	2.65	1.11	6,616.48	13.62	6.36
1300	Burwood	S	2	3,173.12	5.46	1.83	2,054.28	3.54	1.19	7,335.00	12.62	4.24

1350	Byron	R	4	4454.00	7.40	2.74	No Service	-	-	5,841.83	10.03	3.57
1400	Cabonne	N	11	655.35	5.17	0.98	No Service	-	-	1,831.44	14.44	2.71
1450	Camden	S	6	6,488.96	7.38	2.34	6,216.01	8.51	2.24	11,262.82	12.80	4.06
1500	Campbelltown	S	7	15,448.00	6.00	1.99	16,185.00	6.29	2.09	29,301.50	11.38	3.78
1520	Canada Bay	S	2	8,514.00	5.29	2.27	4,770.00	2.96	1.27	14,884.00	9.25	3.96
1550	Canterbury	S	3	13,618.31	5.20	1.87	10,320.64	3.94	1.42	32,737.41	12.49	4.50
1600	Carrathool	N	9	No Service	-	-	No Service	-	-	263.70	6.82	1.74
1700	Central Darling	N	9	No Service	-	-	No Service	-	-	726.21	24.08	7.04
1720	Cessnock	E	4	3,901.62	4.06	1.50	No Service	-	-	15,373.50	16.00	5.93
1730	Clarence Valley	R	4	4,009.82	3.80	1.72	5,058.00	6.26	1.91	11,482.00	10.73	4.33
1750	Cobar	N	10	No Service	-	-	No Service	-	-	1,422.00	14.96	5.34
1800	Coffs Harbour	R	4	8,465.18	5.99	2.64	10,990.36	7.79	3.00	10,442.51	7.39	2.85
1860	Conargo	N	8	No Service	-	-	No Service	-	-	No Service	-	-
2000	Coolamon	N	9	309.00	3.98	2.23	No Service	-	-	725.00	9.33	3.34
2060	Cooma-Monaro	N	10	629.72	3.75	1.77	No Service	-	-	1,645.00	9.78	3.10
2150	Coonamble	N	9	No Service	-	-	No Service	-	-	2,000.00	26.93	8.97
2200	Cootamundra	N	10	536.82	3.68	1.37	No Service	-	-	3,556.00	24.38	9.08
2310	Corowa	N	11	1,045.10	4.29	1.76	No Service	-	-	2,226.00	9.09	3.73
2350	Cowra	N	11	795.50	4.31	1.43	No Service	-	-	3,299.69	14.90	4.94
2500	Deniliquin	N	4	No Service	-	-	No Service	-	-	4,741.00	27.76	11.94
2600	Dubbo	N	4	25.40	1.29	0.43	No Service	-	-	12,893.72	18.37	6.15
2700	Dungog	R	10	770.00	4.80	1.75	No Service	-	-	1,500.00	9.34	3.41
2750	Eurobodalla	N	4	5,011.39	4.77	2.60	2,270.36	2.16	1.18	5,534.30	5.27	2.87
2850	Fairfield	S	3	11,635.00	3.82	1.17	No Service	-	-	65,240.00	21.44	6.58
2900	Forbes	N	10	647.00	4.78	2.05	No Service	-	-	3,536.00	20.69	7.05
2950	Gilgandra	N	9	481.09	8.40	2.03	No Service	-	-	845.00	14.76	3.56
3020	Glen Innes Severn	N	6	1,160.69	7.23	3.26	No Service	-	-	1,875.00	11.67	3.94
3050	Gloucester	R	9	333.16	4.15	1.28	No Service	-	-	2,000.00	24.89	7.69
3100	Gosford	E	7	20,345.18	6.26	2.39	19,026.00	5.85	2.23	35,092.00	10.80	4.12
3310	Goulburn Mulwarree	N	4	3,283.90	6.39	2.28	1,100.00	2.14	0.76	5,192.00	10.10	3.60
3350	Greater Taree	R	4	4,987.59	4.81	2.01	No Service	-	-	9,186.26	8.86	3.70

Appendix 3: Kerbside generation by household and population 2008-09 (continued)

ABS	Council name	Region	DLG Group	Dry recycling			Garden organics			Residual waste		
				Tonnes collected	Per household kg/hh/wk	Per capita kg/ca/wk	Tonnes collected	Per household kg/hh/wk	Per capita kg/ca/wk	Tonnes collected	Per household kg/hh/wk	Per capita kg/ca/wk
3370	Greater Hume	N	11	725.70	5.51	1.38	No Service	-	-	995.07	7.47	1.86
3400	Great Lakes	R	4	4,127.18	3.75	2.28	No Service	-	-	10,437.58	9.93	5.76
3450	Griffith City	N	4	1,115.98	2.66	1.01	No Service	-	-	6,273.00	14.01	4.77
3500	Gundagai	N	9	320.00	7.36	2.19	No Service	-	-	525.00	12.08	2.64
3550	Gunnedah	N	11	1,331.37	6.87	3.39	901.58	5.63	1.45	2,486.08	12.83	3.99
3650	Guyra	N	9	232.69	4.40	1.09	No Service	-	-	818.60	15.48	3.55
3660	Gwydir	N	10	1,040.00	12.82	3.75	No Service	-	-	1,300.00	16.03	4.69
3700	Harden	N	9	143.72	2.75	0.76	No Service	-	-	624.00	11.93	3.30
3750	Port Macquarie - Hastings	R	4	13,349.00	9.43	3.64	9,583.00	6.77	2.49	10,258.00	7.25	2.67
3800	Hawkesbury	E	6	6,476.20	5.87	1.98	No Service	-	-	19,636.64	17.81	6.01
3850	Hay	N	9	No Service	-	-	No Service	-	-	NA	-	-
3950	Holroyd	S	3	8,056.30	4.75	1.59	No Service	-	-	27,892.16	16.46	5.49
4000	Hornsby	S	7	18,094.00	6.63	2.25	17,804.00	6.62	2.15	30,035.00	11.01	3.63
4100	Hunters Hill	S	2	1,499.00	6.23	2.05	583.00	2.42	0.80	2,601.00	10.81	3.55
4150	Hurstville	S	3	7,816.00	5.02	1.93	7,429.00	6.56	1.83	19,757.50	12.70	4.87
4200	Inverell	N	11	2,159.94	8.29	2.54	No Service	-	-	2,187.50	8.39	2.57
4250	Jerilderie	N	8	No Service	-	-	No Service	-	-	832.00	42.33	9.66
4300	Junee	N	10	450.00	5.33	2.83	No Service	-	-	842.00	9.96	2.65
4350	Kempsey	R	4	2,504.73	3.98	1.67	NA	-	-	10,300.00	16.36	6.86
4400	Kiama	E	4	2,221.46	5.07	2.22	2,259.76	5.39	2.15	3,496.00	7.98	3.32
4450	Kogarah	S	2	7,303.30	6.65	2.48	4,784.82	4.35	1.63	13,325.00	12.12	4.53
4500	Ku-ring-gai	S	3	15,169.99	7.80	2.70	18,076.00	10.86	3.21	21,500.00	11.05	3.82
4550	Kyogle	R	10	No Service	-	-	No Service	-	-	2,569.00	25.53	5.10

4600	Lachlan	N	10	No Service	-	-	475.00	7.61	1.34	2,030.00	12.86	5.71
4650	Lake Macquarie	E	5	17,858.00	4.65	1.76	No Service	-	-	58,933.00	15.33	5.80
4700	Lane Cove	S	2	4,019.00	5.80	2.44	1,910.00	2.76	1.16	6,139.00	8.87	3.73
4750	Leeton	N	11	89.56	0.49	0.18	No Service	-	-	2,804.57	15.46	4.60
4800	Leichhardt	S	2	7,410.00	5.82	2.68	1,441.00	1.13	0.52	10,498.00	8.24	3.79
4850	Lismore	R	4	4,156.24	5.71	2.37	7,140.48	9.82	3.05	13,573.68	18.66	5.80
4880	Lithgow	N	4	822.44	1.70	0.86	No Service	-	-	14,334.00	29.61	13.37
4900	Liverpool	S	7	10,514.70	4.44	1.42	No Service	-	-	60,066.00	20.45	6.53
4920	Liverpool Plains	N	10	300.50	2.12	0.73	No Service	-	-	2,325.00	16.38	5.67
4950	Lockhart	N	9	No Service	-	-	No Service	-	-	614.00	12.75	3.61
5050	Maitland	E	4	5,836.00	4.46	1.66	No Service	-	-	18,643.00	14.26	5.30
5150	Manly	S	2	5,770.23	6.19	2.80	1,744.98	1.87	0.85	7,388.01	7.93	3.58
5200	Marrickville	S	3	9,533.00	5.96	2.38	2,937.00	3.49	0.73	16,499.00	10.31	4.11
5270	Mid-Western	N	4	2,063.02	6.04	3.30	No Service	-	-	4,240.84	12.42	3.65
5300	Moree Plains	N	11	979.60	3.10	1.31	No Service	-	-	2,990.43	9.47	4.01
5350	Mosman	S	2	3,970.20	6.15	2.69	918.00	1.42	0.62	5,968.00	9.25	4.05
5500	Murray	N	10	NA	-	-	NA	-	-	-	NA	-
5550	Murrumbidgee	N	9	No Service	-	-	No Service	-	-	-	NA	-
5650	Muswellbrook	R	11	1,361.44	5.32	2.42	1,212.98	4.84	1.45	2,773.00	10.84	3.31
5700	Nambucca	R	11	2,006.82	5.99	2.04	2,754.44	8.22	2.80	5,652.00	16.87	5.74
5750	Narrabri	N	11	1,885.00	9.74	3.41	No Service	-	-	8,000.00	41.33	11.39
5800	Narrandera	N	10	No Service	-	-	No Service	-	-	1,700.00	18.09	5.29
5850	Narromine	N	10	535.00	5.81	2.13	No Service	-	-	1,188.00	12.91	3.37
5900	Newcastle	E	5	16,182.00	5.30	2.04	813.26	0.27	0.10	46,730.00	15.32	5.89
5950	North Sydney	S	2	8,198.00	4.86	2.52	1,322.27	0.86	0.41	12,241.00	7.25	3.76
6110	Oberon	N	10	No Service	-	-	No Service	-	-	-	NA	-
6150	Orange	N	4	3,710.00	4.83	2.09	No Service	-	-	11,961.00	15.34	6.05
6180	Palerang	N	11	520.00	5.85	2.76	No Service	-	-	835.00	9.39	1.16
6200	Parkes	N	11	939.00	3.54	1.21	No Service	-	-	3,000.00	11.30	3.86
6250	Parramatta	S	3	13,968.00	5.28	1.96	13,058.00	6.85	1.55	31,055.00	10.29	3.69
6350	Penrith	S	7	17,430.97	5.33	1.85	No Service	-	-	57,948.00	17.71	6.16

Appendix 3: Kerbside generation by household and population 2008-09 (continued)

ABS	Council name	Region	DLG Group	Dry recycling			Garden organics			Residual waste		
				Tonnes collected	Per household kg/hh/wk	Per capita kg/ca/wk	Tonnes collected	Per household kg/hh/wk	Per capita kg/ca/wk	Tonnes collected	Per household kg/hh/wk	Per capita kg/ca/wk
6370	Pittwater	S	2	9,087.00	8.29	3.16	2,640.00	2.41	0.89	10,698.00	9.75	3.61
6400	Port Stephens	E	4	6,483.12	4.37	1.90	No Service	-	-	22,603.00	15.23	6.64
6470	Queanbeyan	N	4	3,756.80	4.83	1.89	1,707.75	2.65	0.83	8,151.63	10.48	3.96
6550	Randwick	S	3	13,588.02	4.72	2.02	5,837.37	4.86	0.87	26,286.23	9.13	3.91
6610	Richmond Valley	R	4	No Service	-	-	No Service	-	-	5,276.64	14.92	4.48
6650	Rockdale	S	3	9,437.00	5.12	1.81	No Service	-	-	28,523.00	15.48	5.48
6700	Ryde	S	3	11,073.45	5.26	2.06	9,455.17	4.49	1.76	20,792.58	9.87	3.86
6900	Shellharbour	E	4	6,355.98	5.31	1.88	6,726.28	6.06	1.97	11,664.85	9.66	3.42
6950	Shoalhaven	E	5	11,718.66	5.05	2.40	No Service	NA	-	21,808.00	9.40	4.47
7000	Singleton	R	4	1,997.35	4.98	1.97	No Service	-	-	5,915.30	14.75	4.85
7050	Snowy River	N	10	314.70	2.69	1.40	No Service	-	-	1,324.00	11.34	3.23
7100	Strathfield	S	2	2,735.44	4.19	1.50	2,031.27	5.81	1.11	7,474.14	11.45	4.09
7150	Sutherland	S	3	28,142.10	6.83	2.51	24,665.46	5.98	2.20	42,047.63	10.20	3.75
7210	Sydney	S	1	15,081.00	3.19	1.68	453.00	0.10	0.05	42,140.00	8.92	4.69
7310	Tamworth Regional	N	4	2,665.34	3.18	1.32	3,671.00	4.13	1.23	15,001.00	13.67	5.04
7350	Temora	N	10	70.00	0.63	0.31	No Service	-	-	1,700.00	13.51	5.43
7400	Tenterfield	N	10	No Service	-	-	No Service	-	-	1,418.00	14.64	3.95
7450	Tumbarumba	N	9	416.00	8.06	2.18	No Service	-	-	932.88	18.08	4.89
7510	Tumut	N	11	1,111.00	5.39	1.90	No Service	-	-	3,200.00	15.52	5.48
7550	Tweed	R	5	7,700.00	4.87	2.05	3,180.56	7.38	0.70	20,366.29	12.88	4.51
7620	Upper Hunter	R	11	848.50	3.47	1.20	No Service	-	-	2,922.00	11.83	4.08
7640	Upper Lachlan	N	10	455.49	4.67	3.17	No Service	-	-	955.93	9.80	2.49
7650	Uralla	N	10	884.50	10.94	3.07	No Service	-	-	1,379.00	15.54	4.36
7700	Urana Shire	N	8	No Service	-	-	No Service	-	-	270.40	7.77	4.09

7750	Wagga Wagga	N	4	5,876.83	5.34	2.00	1,081.52	0.98	0.34	9,913.22	9.01	3.09
7800	Wakool	N	9	339.90	5.22	2.07	No Service	-	-	501.00	7.69	2.18
7850	Walcha	N	9	166.00	4.16	2.18	No Service	-	-	600.00	15.04	3.52
7900	Walgett	N	10	No Service	-	-	No Service	-	-	1,500.00	20.47	4.07
7950	Warren Shire	N	9	No Service	-	-	No Service	-	-	NA	-	-
8000	Warringham	S	3	19,099.91	6.90	2.60	8,735.00	3.16	1.19	31,984.00	11.55	4.34
8020	Warrumbungle	N	11	1,301.00	8.73	2.45	No Service	-	-	2,300.00	15.43	4.34
8050	Waverley	S	2	8,654.65	5.39	2.49	1,761.85	1.10	0.51	13,574.79	8.45	3.90
8100	Weddin	N	9	No Service	-	-	No Service	-	-	400.00	7.24	2.05
8150	Wellington	N	10	No Service	-	-	No Service	-	-	1,500.00	9.78	3.31
8200	Wentworth	N	10	No Service	-	-	No Service	-	-	500.00	3.57	1.34
8250	Willoughby	S	2	8,484.18	6.98	2.70	6,217.22	9.36	1.76	14,672.61	12.06	4.15
8350	Wingecarribee	E	4	4,907.91	5.64	2.08	105.50	NA	0.04	7,695.00	8.84	3.26
8400	Wollondilly	R	6	3,101.84	4.18	1.43	6,186.21	12.87	2.81	8,874.93	11.95	4.03
8450	Wollongong	E	5	17,316.00	4.35	1.68	21,421.00	5.39	2.08	37,802.00	9.51	3.67
8500	Woolahra	S	2	7,290.00	5.69	2.60	3,350.00	2.62	1.20	11,512.00	8.99	4.11
8550	Wyong	E	7	18,346.72	6.00	2.41	21,541.56	7.23	2.83	30,251.89	9.89	3.97
8710	Yass	N	11	892.54	5.22	1.19	No Service	-	-	3,320.95	19.44	4.44
8750	Young	N	11	737.00	4.28	1.13	No Service	-	-	-	NA	-
Total				687,234.59	5.34	1.94	355,257.80	4.73	1.56	1,664,585.59	12.43	4.61
NSW average												
Region												
SMA				400,425.09	5.49	1.97	219,592.18	4.52	1.49	937,265.95	12.54	4.61
ERA				137,948.85	5.14	2.00	71,893.36	4.85	1.74	329,728.88	12.27	4.77
Rest of the state				148,860.65	5.16	1.81	63,772.26	5.44	1.62	397,590.76	12.30	4.47

Note: NA – Not available/not reported

Appendix 4: Predominant bin size and collection frequency 2008–09

ABS	Council Name	Region	DLG Group	Dry recycling		Garden organics		Residual waste	
				Predominant bin size	Frequency	Predominant bin size	Frequency	Predominant bin size	Frequency
60	Albury	N	4	240L MGB	Fortnightly	240L MGB	Fortnightly	140L MGB	Weekly
110	Armistead Dumaresq	N	4	55L MGB	Weekly	240L MGB	Fortnightly	140L MGB	Weekly
150	Ashfield	S	2	240L MGB	Fortnightly	240L MGB	Fortnightly	120L	Weekly
200	Auburn	S	2	240L MGB Split	Fortnightly	240L MGB	Fortnightly	120L	Weekly
250	Ballina	R	4	240L MGB	Fortnightly	No Service		240L MGB	Weekly
300	Balranald	N	9	NA	NA	NA	NA	NA	NA
350	Bankstown	S	3	240L MGB	Fortnightly	240L MGB	Fortnightly	120L	Weekly
470	Bathurst	N	4	240L MGB	Fortnightly	No Service		240L MGB	Weekly
500	Baulkham Hills	S	7	240L MGB	Fortnightly	240L MGB	Fortnightly	140L	Weekly
550	Bega Valley	N	4	240L MGB	Fortnightly	No Service		140L MGB	Weekly
600	Bellingen	R	11	240L MGB	Fortnightly	240L MGB	Weekly	240L MGB	Fortnightly
650	Berrigan	N	10	240L MGB	Fortnightly	No Service		120L MGB	Weekly
750	Blacktown	S	3	240L MGB	Fortnightly	No Service		240L	Weekly
800	Bland	N	10	No Service		No Service		240L	Weekly
850	Blayney	N	10	240L MGB	Fortnightly	No Service		240L MGB	Weekly
900	Blue Mountains	R	7	140L MGB	Weekly	No Service		240L MGB	Weekly
950	Bogan	N	9	No Service		No Service		240L MGB	Weekly
1000	Bombala	N	9	Crate	Weekly	No Service		Others(Mixed)	Weekly
1050	Boorowa	N	9	140L MGB	Weekly	No Service		240L MGB	Weekly
1100	Botany Bay	S	2	Other (Crate/140L/ "240L MGB)	Weekly	Other (Mixed)	Weekly	240L	Weekly
1150	Bourke	N	9	No Service		No Service		240L MGB	Weekly
1200	Brewarrina	N	9	No Service		No Service		240L MGB	Weekly
1250	Broken Hill	N	4	No Service		240L MGB	Fortnightly	240L MGB	Weekly
1300	Burwood	S	2	240L MGB	Fortnightly	240L MGB	Fortnightly	120L	Weekly
1350	Byron	R	4	240L MGB	Fortnightly	No Service		Others(Mixed)	Weekly

1400	Cabonne	N	11	240L MGB	Fortnightly	No Service	240L MGB	Weekly	240L MGB	Weekly
1450	Camden	S	6	240L MGB	Weekly	240L MGB	240L MGB	Weekly	120L	Weekly
1500	Campbelltown	S	7	240L MGB	Fortnightly	240L MGB	240L MGB	Fortnightly	140L	Weekly
1520	Canada Bay	S	2	240L MGB	Fortnightly	240L MGB	240L MGB	Fortnightly	120L	Weekly
1550	Canterbury	S	3	240L MGB	Fortnightly	240L MGB	240L MGB	Fortnightly	140L	Weekly
1600	Carrathool	N	9	No Service		No Service	No Service		240L MGB	Weekly
1700	Central Darling	N	9	No Service		No Service	No Service		240L MGB	Weekly
1720	Cessnock	E	4	240L MGB Split (P/C)	Fortnightly	240L MGB Split (P/C)	240L MGB	Fortnightly	240L	Weekly
1730	Clarence Valley	R	4	240L MGB Split (P/C)	Fortnightly	240L MGB Split (P/C)	240L MGB	Fortnightly	240L MGB	Weekly
1750	Cobar	N	10	No Service		No Service	No Service		240L MGB	Weekly
1800	Coffs Harbour	R	4	240L MGB	Fortnightly	240L MGB	240L MGB	Weekly	240L MGB	Fortnightly
1860	Conargo	N	8	No Service		No Service	No Service		No Service	
2000	Coolamon	N	9	240L MGB	Fortnightly	240L MGB	240L MGB		140L MGB	Weekly
2060	Cooma-Monaro	N	10	Crate/140L MGB	Fortnightly	240L MGB	240L MGB		240L MGB	Weekly
2150	Coonamble	N	9	120L MGB	Fortnightly	240L MGB	240L MGB		240L MGB	Weekly
2200	Cootamundra	N	10	240L MGB	Fortnightly	240L MGB	240L MGB		240L MGB	Weekly
2310	Corowa	N	11	240L MGB	Fortnightly	240L MGB	240L MGB		240L MGB	Weekly
2350	Cowra	N	11	55/80L MGB	Weekly	240L MGB	240L MGB		Others(Mixed)	Weekly
2500	Deniliquin	N	4	No Service		No Service	No Service		240L MGB	Weekly
2600	Dubbo	N	4	Bag	Fortnightly	240L MGB	240L MGB		240L MGB	Weekly
2700	Dungog	R	10	240L MGB	Fortnightly	240L MGB	240L MGB		240L MGB	Weekly
2750	Eurobodalla	N	4	240L MGB	Fortnightly	240L MGB	240L MGB	On Call	80L MGB	Weekly
2850	Fairfield	S	3	240L MGB	Fortnightly	240L MGB	240L MGB		240L	Weekly
2900	Forbes	N	10	240L MGB	Fortnightly	240L MGB	240L MGB		240L MGB	Weekly
2950	Gilgandra	N	9	240L MGB	Fortnightly	240L MGB	240L MGB		240L MGB	Weekly
3020	Glen Innes Severn	N	6	240L MGB	Fortnightly	240L MGB	240L MGB		140L MGB	Weekly
3050	Gloucester	R	9	240L MGB	Fortnightly	240L MGB	240L MGB		240L MGB	Weekly
3100	Gosford	E	7	240L MGB	Fortnightly	240L MGB	240L MGB	Fortnightly	120L	Weekly
3310	Goulburn Mulwarree	N	4	240L MGB	Fortnightly	240L MGB	240L MGB	Monthly	140L MGB	Weekly
3350	Greater Taree	R	4	240L MGB	Fortnightly	240L MGB	240L MGB		240L MGB Split (W/R)	Weekly
3370	Greater Hume	N	11	240L MGB	Fortnightly	240L MGB	240L MGB		240L MGB	Weekly

Appendix 4: Predominant bin size and collection frequency 2008-09 (continued)

ABS	Council Name	Region	DLG Group	Dry recycling		Garden organics		Residual waste	
				Predominant bin size	Frequency	Predominant bin size	Frequency	Predominant bin size	Frequency
3400	Great Lakes	R	4	240L MGB Split (W/R)	Weekly	No Service		120L MGB	Weekly
3450	Griffith City	N	4	240L MGB	Fortnightly	No Service		240L MGB	Weekly
3500	Gundagai	N	9	240L MGB	Fortnightly	No Service		120L MGB	Weekly
3550	Gunnedah	N	11	120L MGB	Weekly	240L MGB	Fortnightly	140L MGB	Weekly
3650	Guyra	N	9	55L MGB	Weekly	No Service		Others(Mixed)	Weekly
3660	Gwydir	N	10	240L MGB	Fortnightly	No Service		240L MGB Split (W/R)	Weekly
3700	Harden	N	9	240L MGB	Fortnightly	No Service		120L MGB	Weekly
3750	Port Macquarie - Hastings	R	4	240L MGB	Fortnightly	240L MGB	Weekly	120L MGB	Weekly
3800	Hawkesbury	E	6	240L MGB	Fortnightly	No Service		240L	Weekly
3850	Hay	N	9	No Service		No Service		240L MGB	Weekly
3950	Holroyd	S	3	240L MGB	Fortnightly	No Service		240L	Weekly
4000	Hornsby	S	7	240L MGB	Fortnightly	240L MGB	Fortnightly	140L	Weekly
4100	Hunters Hill	S	2	Other (120L/240L MGB)	Fortnightly	Other(Various)	On Call	240L	Weekly
4150	Hurstville	S	3	240L MGB	Fortnightly	240L MGB	Fortnightly	120L	Weekly
4200	Inverell	N	11	240L MGB	Fortnightly	No Service		240L MGB	Weekly
4250	Jerilderie	N	8	No Service		No Service		240L MGB	Weekly
4300	June	N	10	240L MGB	Fortnightly	No Service		120L MGB	Weekly
4350	Kempsey	R	4	240L MGB	Fortnightly	No Service		Others(Mixed)	Mixed
4400	Kiama	E	4	240L MGB	Fortnightly	240L MGB	Fortnightly	140L	Weekly
4450	Kogarah	S	2	240L MGB	Fortnightly	240L MGB	Fortnightly	120L	Weekly
4500	Ku-ring-gai	S	3	240L MGB	Fortnightly	Other(Various)	Fortnightly	120L	Weekly
4550	Kyogle	R	10	No Service		No Service		240L MGB	Weekly
4600	Lachlan	N	10	No Service		240L MGB	Fortnightly	Others(Mixed)	Mixed
4650	Lake Macquarie	E	5	240L MGB Split (P/C)	Fortnightly	No Service		240L	Weekly
4700	Lane Cove	S	2	120L	Fortnightly	Other(Various)	Monthly	80L	Weekly

4750	Leeton	N	11	240L MGB	Fortnightly	240L MGB	Fortnightly	No Service	240L MGB	Weekly
4800	Leichhardt	S	2	Other (120L/Crate)	Weekly		Weekly	Other(Various)	120L	Weekly
4850	Lismore	R	4	240L MGB	Fortnightly		Fortnightly	240L MGB	140L MGB	Fortnightly
4880	Lithgow	N	4	Crate	Weekly		Weekly	No Service	240L MGB	Weekly
4900	Liverpool	S	7	Crate	Fortnightly		Fortnightly	No Service	240L	Weekly
4920	Liverpool Plains	N	10	Crate	Weekly		Weekly	No Service	Others(Mixed)	Weekly
4950	Lockhart	N	9	No Service				No Service	240L MGB	Weekly
5050	Maitland	E	4	240L MGB Split (P/C)	Fortnightly		Fortnightly	No Service	240L	Weekly
5150	Manly	S	2	2X120L MGB	Fortnightly		Fortnightly	Other(Various)	80L	Weekly
5200	Marrickville	S	3	240L MGB	Fortnightly		Fortnightly	Other(Various)	140L	Weekly
5270	Mid-Western	N	4	Crate	Mixed		Mixed	No Service	240L MGB	Weekly
5300	Moree Plains	N	11	240L MGB	Fortnightly		Fortnightly	No Service	140L MGB	Weekly
5350	Mosman	S	2	2X120L	Fortnightly		Fortnightly	Other(Tied & Bundled/240L MGB)	120L	Weekly
5500	Murray	N	10	NA	NA		NA	NA	NA	NA
5550	Murrumbidgee	N	9	No Service				No Service	240L MGB	Weekly
5650	Muswellbrook	R	11	240L MGB	Fortnightly		Fortnightly	240L MGB	140L MGB	Weekly
5700	Nambucca	R	11	240L MGB	Fortnightly		Fortnightly	240L MGB	240L MGB	Fortnightly
5750	Narrabri	N	11	240L MGB	Fortnightly		Fortnightly	No Service	120L MGB	Weekly
5800	Narrandera	N	10	No Service				No Service	240L MGB	Weekly
5850	Narramine	N	10	Bag	Weekly		Weekly	No Service	240L MGB	Weekly
5900	Newcastle	E	5	240L MGB	Fortnightly		Fortnightly	Other(Various)	240L	Weekly
5950	North Sydney	S	2	Other (Crate/80L/120L)	Weekly		Weekly	Other(Various)	55L	Weekly
6110	Oberon	N	10	No Service				No Service	240L MGB	Weekly
6150	Orange	N	4	240L MGB	Fortnightly		Fortnightly	No Service	240L MGB	Weekly
6180	Palerang	N	11	240L MGB	Fortnightly		Fortnightly	No Service	140L MGB	Weekly
6200	Parkes	N	11	240L MGB	Fortnightly		Fortnightly	No Service	240L MGB	Weekly
6250	Parramatta	S	3	240L MGB	Fortnightly		Fortnightly	240L MGB	140L	Weekly
6350	Penrith	S	7	240L MGB	Fortnightly		Fortnightly	No Service	240L	Weekly
6370	Pittwater	S	2	140L	Weekly		Weekly	Other(Various)	80L	Weekly
6400	Port Stephens	E	4	240L MGB	Fortnightly		Fortnightly	No Service	240L	Weekly

Appendix 4: Predominant bin size and collection frequency 2008-09 (continued)

ABS	Council Name	Region	DLG Group	Dry recycling		Garden organics		Residual waste	
				Predominant bin size	Frequency	Predominant bin size	Frequency	Predominant bin size	Frequency
6470	Queanbeyan	N	4	240L MGB	Fortnightly	240L MGB	Fortnightly	140L MGB	Weekly
6550	Randwick	S	3	240L MGB	Fortnightly	240L MGB	F'nightly	140L	Weekly
6610	Richmond Valley	R	4	No Service		No Service		240L MGB	Weekly
6650	Rockdale	S	3	240L MGB	Fortnightly	No Service		240L	Weekly
6700	Ryde	S	3	240L MGB	Fortnightly	240L MGB	Fortnightly	140L	Weekly
6900	Shellharbour	E	4	240L MGB	Fortnightly	240L MGB	Fortnightly	240L	F'nightly
6950	Shoalhaven	E	5	240L MGB	Fortnightly	Other(Various)	On Call	120L	Weekly
7000	Singleton	R	4	240L MGB	Fortnightly	No Service		240L MGB	Weekly
7050	Snowy River	N	10	Crate	Mixed	No Service		240L MGB	Weekly
7100	Stratfield	S	2	240L MGB	Fortnightly	240L MGB	Fortnightly	120L	Weekly
7150	Sutherland	S	3	240L MGB	Fortnightly	240L MGB	Fortnightly	120L	Weekly
7210	Sydney	S	1	Crate	Weekly	Other(Tied & Bundle/120L/140L)	Fortnightly	80L/120L	Weekly
7310	Tamworth Regional	N	4	Crate	Weekly	240L MGB	Fortnightly	240L MGB	Weekly
7350	Temora	N	10	No Service		No Service		240L MGB	Weekly
7400	Tenterfield	N	10	No Service		No Service		Others(Mixed)	Weekly
7450	Tumbarumba	N	9	240L MGB	Fortnightly	No Service		140L MGB	Fortnightly
7510	Tumut	N	11	240L MGB	Fortnightly	No Service		120L MGB	Weekly
7550	Tweed	R	5	240L MGB Split (W/R)	Weekly	240L MGB	Fortnightly	240L MGB Split (W/R)	Weekly
7620	Upper Hunter	R	11	240L MGB	Fortnightly	No Service		240L MGB	Mixed
7640	Upper Lachlan	N	10	240L MGB	Fortnightly	No Service		120L MGB	Weekly
7650	Uralla	N	10	Crate	Weekly	No Service		Others(Mixed)	Weekly
7700	Urana Shire	N	8	No Service		No Service		240L MGB	Weekly
7750	Wagga Wagga	N	4	240L MGB	Fortnightly	240L MGB	Fortnightly	120L MGB	Weekly
7800	Wakool	N	9	240L MGB	Fortnightly	No Service		120L MGB	Weekly
7850	Walcha	N	9	Crate	Weekly	No Service		240L MGB	Weekly

7900	Walgett	N	10	No Service	No Service	No Service	240L MGB	Weekly
7950	Warren Shire	N	9	No Service	No Service	No Service	240L MGB	Weekly
8000	Warringah	S	3	2X120L	Weekly	Other(Various)	80L	Weekly
8020	Warrumbungle	N	11	Crate	Weekly	No Service	240L MGB	Weekly
8050	Waverley	S	2	Other (Crate/140L)	Weekly	Other(80L/140L/240L MGB)	140L	Weekly
8100	Weddin	N	9	No Service		No Service	240L MGB	Weekly
8150	Wellington	N	10	No Service		No Service	240L MGB	Weekly
8200	Wentworth	N	10	No Service		No Service	240L MGB	Weekly
8250	Willoughby	S	2	240L MGB	Weekly	240L MGB	140L	Weekly
8350	Wingecarribee	E	4	240L MGB	Fortnightly	Other(Various) NA	80L	Weekly
8400	Wollondilly	R	6	240L MGB	Fortnightly	240L MGB	Others(Mixed)	Weekly
8450	Wollongong	E	5	240L MGB	Fortnightly	240L MGB	120L	Weekly
8500	Woolahra	S	2	Other (Crate/120L)	Weekly	240L MGB	120L	Weekly
8550	Wyong	E	7	240L MGB	Weekly	240L MGB	140L	Weekly
8710	Yass	N	11	240L MGB	Fortnightly	No Service	140L MGB	Weekly
8750	Young	N	11	240L MGB	Weekly	No Service	140L MGB	Weekly

Note: NA – Not available/not reported

Appendix 5: Domestic waste management charges 2008–09

ABS	Council name	Region	DLG Group	Domestic waste management charge SUDs			Overall \$
				Dry recycling \$	Garden organics \$	Residual waste \$	
60	Albury	N	4	–	55.00	127.00	182.00
110	Armidale Dumaresq	N	4	–	–	–	245.00
150	Ashfield	S	2	–	52.50	191.26	243.76
200	Auburn	S	2	–	–	–	295.80
250	Ballina	R	4	–	–	–	252.00
300	Balranald	N	9	–	–	254.00	254.00
350	Bankstown	S	3	–	–	270.00	270.00
470	Bathurst	N	4	60.00	–	130.00	190.00
500	Baulkham Hills	S	7	–	–	–	275.00
550	Bega Valley	N	4	88.40	44.16	167.44	300.00
600	Bellingen	R	11	–	–	405.00	405.00
650	Berrigan	N	10	–	–	–	202.00
750	Blacktown	S	3	52.00	–	197.00	249.00
800	Bland	N	10	–	–	–	225.00
850	Blayney	N	10	80.00	–	100.00	180.00
900	Blue Mountains	R	7	69.30	14.20	69.75	153.25
950	Bogan	N	9	–	–	72.00	72.00
1000	Bombala	N	9	93.00	–	109.00	202.00
1050	Boorowa	N	9	–	–	–	245.00
1100	Botany Bay	S	2	–	–	–	269.00
1150	Bourke	N	9	–	–	215.00	215.00
1200	Brewarrina	N	9	–	–	298.00	298.00
1250	Broken Hill	N	4	–	–	160.00	160.00
1300	Burwood	S	2	–	–	280.00	280.00
1350	Byron	R	4	55.00	–	156.00	211.00
1400	Cabonne	N	11	–	–	–	257.10
1450	Camden	S	6	171.50	–	235.00	406.50
1500	Campbelltown	S	7	–	–	–	214.24
1520	Canada Bay	S	2	63.65	35.59	149.83	270.00
1550	Canterbury	S	3	–	–	–	264.00
1600	Carrathool	N	9	–	–	99.00	99.00
1700	Central Darling	N	9	–	–	–	330.00
1720	Cessnock	E	4	–	–	–	312.00
1730	Clarence Valley	R	4	51.50	44.00	99.50	195.00
1750	Cobar	N	10	–	–	160.00	160.00
1800	Coffs Harbour	R	4	–	–	–	314.00

ABS	Council name	Region	DLG Group	Domestic waste management charge SUDs			Overall \$
				Dry recycling \$	Garden organics \$	Residual waste \$	
1860	Conargo	N	8	-	-	-	No Service
2000	Coolamon	N	9	55.00	-	170.00	225.00
2060	Cooma-Monaro	N	10	75.00	-	241.00	316.00
2150	Coonamble	N	9	-	-	250.00	250.00
2200	Cootamundra	N	10	-	-	260.00	260.00
2310	Corowa	N	11	-	-	210.00	210.00
2350	Cowra	N	11	85.00	-	378.00	463.00
2500	Deniliquin	N	4	-	-	254.00	254.00
2600	Dubbo	N	4	8.41	6.31	122.28	137.00
2700	Dungog	R	10	88.20	-	143.30	231.50
2750	Eurobodalla	N	4	-	-	231.20	231.20
2850	Fairfield	S	3	-	-	-	298.48
2900	Forbes	N	10	46.80	-	231.05	277.85
2950	Gilgandra	N	9	-	-	-	301.00
3020	Glen Innes Severn	N	6	117.20	-	117.20	234.40
3050	Gloucester	R	9	-	-	-	234.00
3100	Gosford	E	7	32.17	39.37	51.39	122.93
3310	Goulburn Mulwarree	N	4	-	-	-	218.00
3350	Greater Taree	R	4	-	-	231.82	231.82
3370	Greater Hume	N	11	65.00	-	75.00	140.00
3400	Great Lakes	R	4	-	-	190.00	190.00
3450	Griffith City	N	4	-	-	-	285.00
3500	Gundagai	N	9	83.00	-	190.00	273.00
3550	Gunnedah	N	11	95.00	39.00	100.00	234.00
3650	Guyra	N	9	-	-	218.00	218.00
3660	Gwydir	N	10	-	-	165.60	165.60
3700	Harden	N	9	-	-	303.90	303.90
3750	Port Macquarie - Hastings	R	4	-	-	-	358.20
3800	Hawkesbury	E	6	-	-	-	NA
3850	Hay	N	9	-	-	106.00	106.00
3950	Holroyd	S	3	-	-	-	235.40
4000	Hornsby	S	7	49.00	41.00	166.00	256.00
4100	Hunters Hill	S	2	-	-	266.31	266.31
4150	Hurstville	S	3	61.90	59.45	153.15	274.50
4200	Inverell	N	11	-	-	-	228.00
4250	Jerilderie	N	8	-	-	155.00	155.00

Appendix 5: Domestic waste management charges 2008–09 (continued)

ABS	Council name	Region	DLG Group	Domestic waste management charge SUDs			Overall \$
				Dry recycling \$	Garden organics \$	Residual waste \$	
4300	Junee	N	10	106.00	–	106.00	212.00
4350	Kempsey	R	4	85.00	–	235.00	320.00
4400	Kiama	E	4	93.75	73.30	131.44	298.49
4450	Kogarah	S	2	–	–	–	297.44
4500	Ku-ring-gai	S	3	–	–	–	265.00
4550	Kyogle	R	10	–	–	237.00	237.00
4600	Lachlan	N	10	–	–	157.60	157.60
4650	Lake Macquarie	E	5	–	–	–	262.63
4700	Lane Cove	S	2	–	–	–	333.00
4750	Leeton	N	11	58.50	–	194.00	252.50
4800	Leichhardt	S	2	59.29	20.22	205.78	285.29
4850	Lismore	R	4	–	–	–	185.00
4880	Lithgow	N	4	–	–	273.00	273.00
4900	Liverpool	S	7	59.35	–	62.57	121.92
4920	Liverpool Plains	N	10	–	–	281.00	281.00
4950	Lockhart	N	9	–	–	180.00	180.00
5050	Maitland	E	4	59.49	–	192.66	252.15
5150	Manly	S	2	–	–	390.00	390.00
5200	Marrickville	S	3	103.20	32.25	187.05	322.50
5270	Mid-Western	N	4	66.00	–	66.00	132.00
5300	Moree Plains	N	11	124.50	–	124.50	249.00
5350	Mosman	S	2	–	–	–	262.00
5500	Murray	N	10	–	–	–	NA
5550	Murrumbidgee	N	9	–	–	117.40	117.40
5650	Muswellbrook	R	11	53.50	24.30	169.20	247.00
5700	Nambucca	R	11	57.41	53.06	35.38	145.85
5750	Narrabri	N	11	–	–	310.00	310.00
5800	Narrandera	N	10	–	–	–	307.32
5850	Narromine	N	10	–	–	295.00	295.00
5900	Newcastle	E	5	51.29	12.10	170.94	234.33
5950	North Sydney	S	2	–	–	–	215.00
6110	Oberon	N	10	–	–	132.00	132.00
6150	Orange	N	4	50.90	–	151.00	201.90
6180	Palerang	N	11	–	–	–	460.00
6200	Parkes	N	11	–	–	–	220.00
6250	Parramatta	S	3	73.00	73.00	105.35	251.35
6350	Penrith	S	7	91.55	–	157.45	249.00

ABS	Council name	Region	DLG Group	Domestic waste management charge SUDs			Overall \$
				Dry recycling \$	Garden organics \$	Residual waste \$	
6370	Pittwater	S	2	-	-	-	355.00
6400	Port Stephens	E	4	89.00	-	178.00	267.00
6470	Queanbeyan	N	4	52.00	52.00	110.00	214.00
6550	Randwick	S	3	-	-	-	351.60
6610	Richmond Valley	R	4	-	-	252.00	252.00
6650	Rockdale	S	3	-	-	269.00	269.00
6700	Ryde	S	3	35.00	35.00	226.00	296.00
6900	Shellharbour	E	4	-	-	-	290.00
6950	Shoalhaven	E	5	-	-	-	222.65
7000	Singleton	R	4	-	-	-	267.00
7050	Snowy River	N	10	-	-	457.00	457.00
7100	Strathfield	S	2	-	-	294.00	294.00
7150	Sutherland	S	3	50.27	35.91	153.22	239.40
7210	Sydney	S	1	-	-	310.00	310.00
7310	Tamworth Regional	N	4	-	-	-	221.00
7350	Temora	N	10	-	-	136.70	136.70
7400	Tenterfield	N	10	-	-	218.00	218.00
7450	Tumbarumba	N	9	-	-	355.00	355.00
7510	Tumut	N	11	-	-	258.00	258.00
7550	Tweed	R	5	39.50	45.00	169.80	254.30
7620	Upper Hunter	R	11	74.00	-	219.00	293.00
7640	Upper Lachlan	N	10	-	-	-	285.00
7650	Uralla	N	10	59.00	-	91.00	150.00
7700	Urana Shire	N	8	-	-	155.00	155.00
7750	Wagga Wagga	N	4	67.50	67.50	68.00	203.00
7800	Wakool	N	9	119.00	-	109.00	228.00
7850	Walcha	N	9	104.00	-	198.50	302.50
7900	Walgett	N	10	-	-	341.27	341.27
7950	Warren Shire	N	9	-	-	190.00	190.00
8000	Warringham	S	3	-	-	-	160.00
8020	Warrumbungle	N	11	-	-	227.04	227.04
8050	Waverley	S	2	133.64	66.82	133.64	334.10
8100	Weddin	N	9	-	-	172.00	172.00
8150	Wellington	N	10	-	-	189.00	189.00
8200	Wentworth	N	10	-	-	175.00	175.00
8250	Willoughby	S	2	-	-	-	330.00
8350	Wingecarribee	E	4	87.00	-	87.00	174.00

Appendix 5: Domestic waste management charges 2008–09 (continued)

ABS	Council name	Region	DLG Group	Domestic waste management charge SUDs			Overall \$
				Dry recycling \$	Garden organics \$	Residual waste \$	
8400	Wollondilly	R	6	49.00	58.00	151.50	351.80
8450	Wollongong	E	5	–	–	–	242.00
8500	Woollahra	S	2	51.76	51.76	201.98	305.50
8550	Wyong	E	7	61.50	73.50	167.80	302.80
8710	Yass	N	11	–	–	288.00	288.00
8750	Young	N	11	–	–	–	NA

Note: NA – Not available/not reported

