



**NSW Local Government Waste and  
Resource Recovery Data Report**  
as reported by councils  
2012–13

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# Glossary

## Total domestic waste

The total amount of domestic waste generated is the sum total of recyclable materials (dry recyclables and organics) collected and residual waste generated from households and received by councils from respective collection services. The services offered by councils typically include kerbside services, clean-up collections and drop off facilities.

## Recycling rates

The recycling rate is calculated as the total amount recovered divided by the total amount collected.

$$\text{Recycling rate (\%)} = \frac{\text{Total amount recovered (recycled)}}{\text{Total amount collected (generated)}} \times 100\%$$

## Diversion rate

The diversion rate is the rate or percentage of potentially recyclable material that has been diverted out of the waste disposal stream and therefore not disposed of to landfill. The diversion rate is calculated as the total amount diverted for recycling divided by the total amount collected.

$$\text{Diversion rate (\%)} = \frac{\text{Total amount diverted}}{\text{Total amount collected (generated)}} \times 100\%$$

## Recyclables or recyclable materials

Household recyclables (commingled) collected from kerbside services mainly comprise mixed paper, newspaper, magazines, cardboards, plastic films and bottles, steel and aluminium cans, and glass containers. Recyclable materials dropped off at facilities include e-waste, batteries, gas bottles and oils.

## Organics or organic waste

Household garden organics mainly comprise bark, leaves, twigs and lawn clippings, while the food and garden organics co-collection service also includes household food scraps.

## Residual waste

Household residual waste comprises of solid component of waste arising from domestic activities.

## Executive summary

In *NSW 2021: A plan to make NSW number one*, the NSW Government committed to achieving the NSW Waste and Resource Recovery (WARR) recycling targets, reducing littering and combating illegal dumping. As part of this commitment, the NSW Government allocated more than \$250 million over five years to stimulate investment in new and upgraded resource recovery infrastructure programs across NSW.

The *NSW Waste Avoidance and Resource Recovery Strategy 2007* provides a framework for achieving the NSW Government's policy objectives of:

- minimising environmental harm from waste generation through to disposal
- conserving resources
- maximising secondary resource recovery and use.

The Strategy identifies four key result areas for achieving these objectives:

- preventing and avoiding waste
- increasing recovery and use of secondary resources
- reducing toxicity in products and materials
- reducing litter and illegal dumping.

The Strategy identifies a target for the municipal waste stream which aims to increase the recovery rate from 26% in 2000 to 66% by 2014.

Robust waste and recycling data is important so local councils and industry can make informed evidence-based decisions to improve waste and recycling services for local communities.

This is the eighth annual NSW Local Government Waste and Resource Recovery Data Report. The report draws together data and information reported by individual councils to the NSW Environment Protection Authority (EPA) regarding domestic waste generation, and recycling performance from local government kerbside, drop off and clean-up services across NSW.

This report builds on and improves the foundation of this data and information, to provide an accurate measure of the State's progress in meeting good sustainable consumption and resource management practices.

## Key highlights

During 2012–13, NSW local councils reported the following domestic waste and recycling information for their communities:

- NSW households generated 3.47 million tonnes of domestic waste, comprising 2.02 million tonnes of residual waste and 1.45 million tonnes of recyclable materials (dry recycling and organics) collected from kerbside and clean-up services, and drop off facilities.
- The average NSW household generated 23.6 kg of domestic waste per week or 9.2 kg per person per week. This was a slight drop from 2011–12 when 24.4 kg and 9.4 kg were reported respectively.
- The recycling rate for total domestic waste dropped slightly to 46.5%, compared to 47.0% the previous year.

- More than 1.61 million tonnes of materials were recovered from kerbside and clean-up services, drop off facilities and alternative waste treatment (AWT) facilities.
- An average NSW household generated 5.1 kg of recyclable materials, 5.3 kg of organic waste and 11.7 kg of residual waste per week.
- 1.86 million tonnes of domestic waste were disposed of to landfill, which included 1.77 million tonnes of residual waste and around 93,000 tonnes of contaminants from dry recyclable and organic waste streams.
- Domestic waste disposed of to landfill dropped by 1.4% compared to 2008–09 (1.89 million tonnes).
- Twenty-one councils sent 437,141 tonnes of kerbside residual waste to an AWT facility, of which 236,212 tonnes (or 54%) was recovered. The total waste sent to AWT facilities for processing increased by 40% (or 168,530 tonnes) compared to 2008–09.

## 1. Background

This report amalgamated information provided by individual councils in response to the NSW Environment Protection Authority (EPA) survey of all NSW local government councils to determine the characteristics of waste and resource recovery services available to NSW residents in 2012–13.

The EPA requested information required under the National Environment Protection Measure (NEPM) for Used Packaging Materials<sup>1</sup> and information on domestic resource recovery, waste collection and waste disposal.

This report amalgamates this information on waste generated and recyclable materials collected from households only, which is the major component of the Municipal Solid Waste (MSW) stream.

A separate biennial WARR Strategy report provides updates on the progress that the NSW community is making in meeting the waste avoidance and resource recovery targets of the *NSW Waste Avoidance and Resource Recovery Strategy 2007*<sup>2</sup> (the Strategy).

Population figures that were used for per capita calculations are derived from the Australian Bureau of Statistics (ABS) population estimates<sup>3</sup>. The population figures used are from, and refer to, population projections as at 30 June 2013.

This report should assist councils in making decisions and assessing progress against the Strategy's goals and targets for avoiding the generation of waste and for recycling.

### Reporting recycling rate

To achieve municipal targets, it is necessary to avoid creating waste and increase recycling of materials. To assist NSW councils to measure recycling effectiveness and avoid waste generation, recycling rates are presented in this report for each waste stream and each council area in Appendix 3. For comparison with the previous year's diversion rates, Appendix 4 tabulates the diversion rate for 2012–13 for each council area.

The EPA acknowledges the cooperation and contribution of all NSW councils in providing the data presented in this report. Please note that the information in this report is entirely dependent on the accuracy of data supplied by councils in the 2012–13 survey. While the EPA has made an effort to verify the information supplied by councils wherever possible, the EPA cannot validate the raw data that forms the basis of this report.

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<sup>1</sup> For further information, visit [www.scew.gov.au](http://www.scew.gov.au)

<sup>2</sup> For further information, visit [www.epa.nsw.gov.au/resources/warr/07226WARRreport07.pdf](http://www.epa.nsw.gov.au/resources/warr/07226WARRreport07.pdf)

<sup>3</sup> ABS: Cat. No. 3218.0.55.001 Regional Population Growth, Australia – companion data

## 2. Total domestic generation and recycling rate

In 2012–13, the total domestic waste generation dropped by almost 50,000 tonnes to 3.47 million tonnes compared with the previous year. This equates to a weekly average domestic generation of 23.6 kg<sup>4</sup> per household or 9.2 kg<sup>5</sup> per capita. The residual waste generation increased by 8,000 tonnes (less than 1%) from 2011–12 to reach 2.02 million tonnes. Total recyclable materials (combined dry recycling and organics) collected dropped by 4% to 1.45 million tonnes compared with the previous year.

NSW residents recycled 46.5% or 1.61<sup>6</sup> million tonnes of household waste out of 3.47 million tonnes generated. Total waste disposed of to landfill dropped slightly to 1.86 million tonnes and recyclable materials recovered from all waste streams dropped by around 40,000 tonnes compared with the previous year. Organic waste (combined food and garden waste) collected from kerbside, clean-up services and drop off facilities decreased by almost 60,000 tonnes, hence the drop in the amount recovered. However the total amount of dry recyclable materials recovered increased by 2% (17,000 tonnes approximately) from 2011–12.

Table 1 presents the total amount (tonnes) of household waste generated, recovered and disposed of and the recycling rate in NSW from each waste stream.

**Table 1: Total domestic waste generated, recovered and disposed of in tonnes, and the recycling rate, in NSW 2012–13**

Waste streams	Collected	Recovered	Disposed of	Recycling rate (%)
<b>Recyclable materials</b>	781,933	724,099	57,833	92.6%
<b>Organic materials</b>	667,416	632,190	35,226	94.7%
<b>Residual waste</b>	2,023,643	259,068	1,764,575	12.8%
<b>Total generation</b>	<b>3,472,992</b>	<b>1,615,357</b>	<b>1,857,635</b>	<b>46.5%</b>

Note: Due to rounding totals may not add up.

Sydney Metropolitan Area (SMA) councils collected half the total amount of waste generated and reported a higher recycling rate than the state average at 51.3%. The recycling rate for the Regional Regulated Area (RRA) councils was also higher than the state average at 51.5%, although the Extended Regulated Area (ERA) councils and councils in the rest of the state were below the state average at 41.5% and 34.1% respectively.

<sup>4</sup> Based on total number of households in NSW

<sup>5</sup> Based on total population in NSW

<sup>6</sup> Includes recovery from AWT, clean up services and drop off facilities



**Table 2: Total domestic waste (tonnes) collected, recovered and disposed of and the recycling rate, 2012–13**

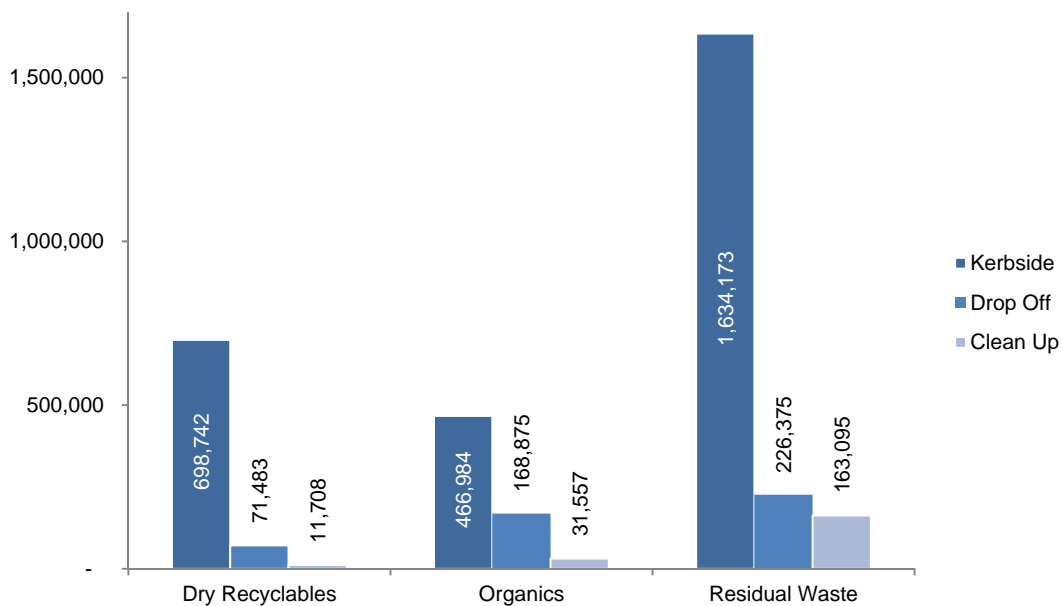
Region	Collected	Recovered	Disposed of	Recycling rate (%)
SMA <sup>7</sup>	1,739,177	891,836	847,341	51.3%
ERA <sup>8</sup>	734,981	305,266	429,714	41.5%
RRA <sup>9</sup>	443,675	228,679	214,996	51.5%
Rest of the state	555,158	189,576	365,583	34.1%
<b>NSW</b>	<b>3,472,992</b>	<b>1,615,357</b>	<b>1,857,635</b>	<b>46.5%</b>

Note: Due to rounding totals may not add up.

The total amount of domestic recyclable materials collected from NSW households reached 781,933 tonnes in 2012–13. The kerbside collection accounted for 89% or 698,742 tonnes, followed by drop off facilities at 9% and 11,708 tonnes collected from clean-up services. A quarter of all organic waste was reported collected from drop off facilities, while 70% or 466,984 tonnes was collected from kerbside services and 31,557 tonnes from clean-up services.

In 2012–13, 1.63 million tonnes of kerbside residual waste were generated in NSW, a slight increase of 3,600 tonnes (approximately) from the previous year. In addition to kerbside generation, residents in NSW dropped off 226,375 tonnes of residual waste and 163,095<sup>10</sup> tonnes were collected from clean-up services.

**Figure 1: Total domestic waste generation in NSW (tonnes), 2012–13**



<sup>7</sup> Sydney Metropolitan Area

<sup>8</sup> Extended Regulated Area

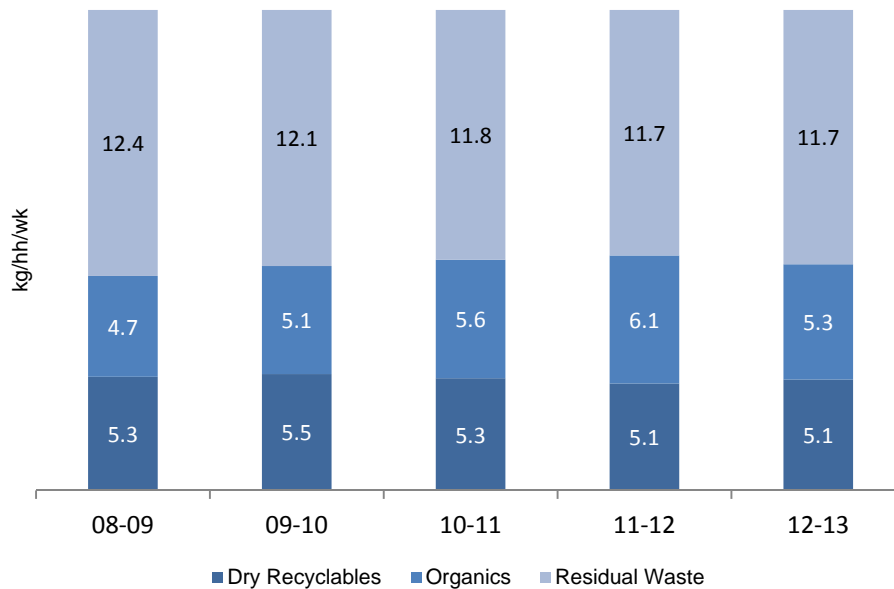
<sup>9</sup> Regional Regulated Area

<sup>10</sup> Also includes bulky goods collected from clean-up services

## Kerbside generation

The kerbside residual waste and dry recyclable generation continued at similar rates as the previous year at 11.7 kg/hh/wk and 5.1 kg/hh/wk respectively. The kerbside organics collection dropped by almost a kilogram to 5.3 kg/hh/wk in 2012–13 compared to the previous year.

**Figure 2: Average weekly kerbside household generation, NSW 2008–09 to 2012–13.**



### 3. Recyclables collection

Recyclable materials are collected from kerbside and clean-up services and dropped off by residents at facilities offered by councils. The sum total of materials collected from these services is the total domestic recyclable materials. Household recyclable materials (commingled) collected from kerbside services mainly comprise mixed paper, newspapers, magazines, cardboards, plastic films and bottles, steel and aluminium cans, and glass containers and bottles. Recyclable materials dropped off at facilities include e-waste, batteries, gas bottles and oils. Large metal items and bulky goods are generally collected from clean-up services.

#### Recyclable materials collected from kerbside services

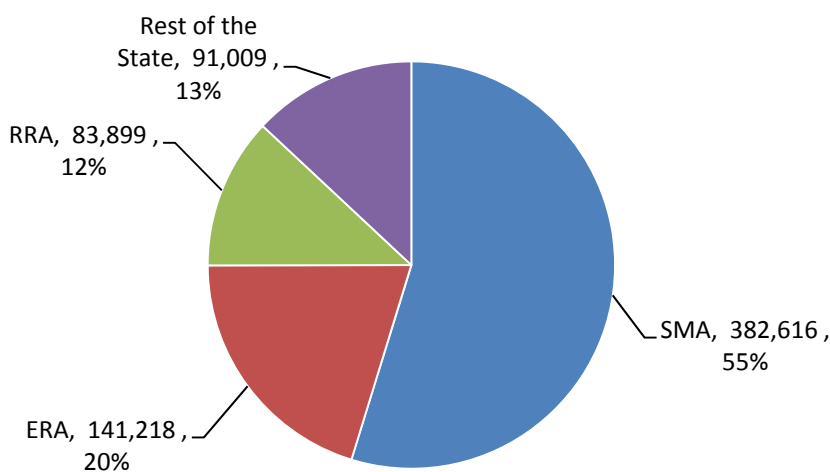
A total of 698,742 tonnes of recyclable material was collected from kerbside services across NSW in 2012-13. The total collected amount was around 11,000 tonnes less than in the previous year. The recyclables collected from councils in the RRA and rest of the state continued to increase, and reported a 7% rise or an increase of about 12,000 tonnes in total. The decline in collection from the SMA region continued and fell by around 18,000 tonnes compared to the previous year. However, the councils in the ERA region reported an increase of almost 5,000 tonnes or 4% in 2012–13.

**Table 3: Kerbside recyclable materials collected from households, NSW 2012–13**

	NSW	SMA	ERA	RRA	Rest of the state
<b>No. of councils</b>	130	38	13	21	58
<b>Collected (tonnes)</b>	698,742	382,616	141,218	83,899	91,009

Figure 3 presents the amount of kerbside household recyclable materials collected from each region. The councils in the SMA, providing a service to 1.47 million households, collected 55% or 382,616 tonnes, followed by ERA councils collecting 141,218 tonnes or 20%. The RRA and rest of the state regions collected 83,899 tonnes and 91,009 tonnes respectively.

**Figure 3: Kerbside household recyclable materials collected by regions (tonnes), NSW 2012–13**



An annual average of 266 kg of kerbside recyclable materials were collected in NSW from households with a recycling service, which equates to a weekly average of 5.1 kg per household or 1.9 kg per person. The annual average household collection dropped slightly, by 1 kg compared to the previous year, and by 12kg compared to 2008–09. However, the weekly per capita collection has remained consistent over the five-year period at an average of 1.9 kg.

The average collection figure for households and the population in each region for 2012–13 is presented in Table 4.

**Table 4: Average quantity of kerbside recyclable materials collected by household and population in 2012–13**

Region	No. of councils reporting	Household <sup>11</sup>		Population <sup>12</sup>	
		Annual (kg)	Weekly (kg)	Annual (kg)	Weekly Kg/capita/wk
<b>NSW</b>	<b>130</b>	<b>266</b>	<b>5.1</b>	<b>97</b>	<b>1.9</b>
<b>SMA</b>	38	259	5.0	92	1.8
<b>ERA</b>	13	264	5.1	103	2.0
<b>RRA</b>	21	282	5.4	109	2.1
<b>Rest of the state</b>	58	289	5.6	103	2.0

The reported annual average collection for the RRA and rest of the state were higher than the state average of 266 kg/hh/yr at 282 kg/hh/yr and 289 kg/hh/yr respectively. Figure 4 shows that the number of councils reporting an average weekly collection of between 4-7 kg has increased over the five-year period. In 2012–13, 112 councils collected within that range compared to 98 in 2008–09. Of the 130 councils in NSW that provided a kerbside recyclable collection service in 2012–13, only 20 had collected less than 4 kg per household per week, and 23 councils had collected more than 6 kg on average (Figure 4).

<sup>11</sup> Based on number of serviced households in council providing a service

<sup>12</sup> Based on total population in council providing a service

**Figure 4: Average weekly kerbside recyclable materials collected per household in 2012–13 in NSW**

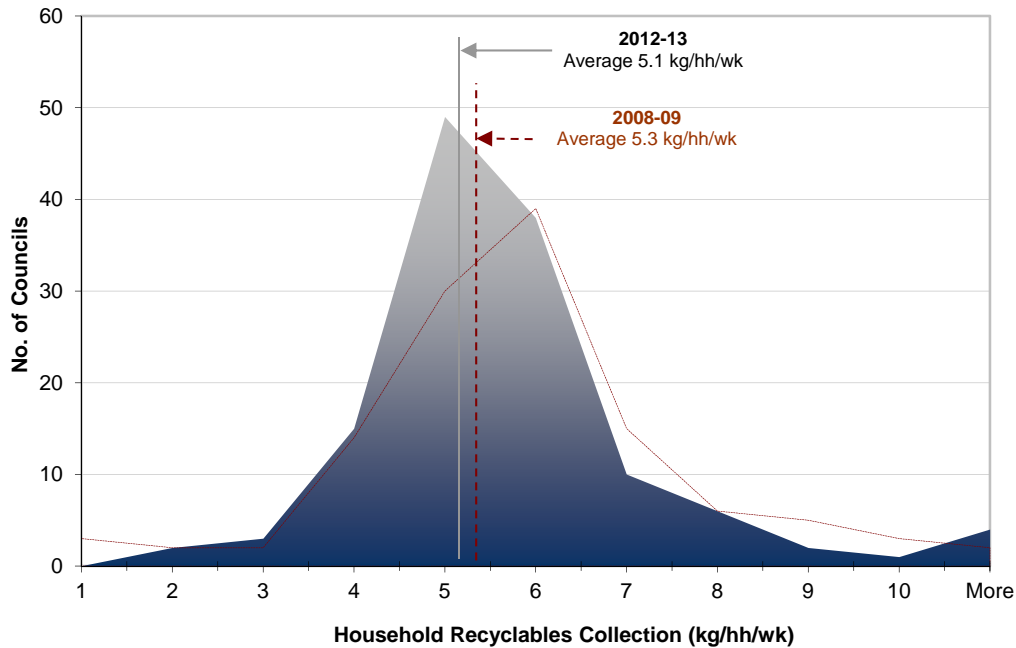


Table 5 presents the kerbside household recyclable materials collected, recovered and disposed of in NSW. The recovery rates for ERA and RRA continued to remain slightly above the state average of 92% at 94% and 93% respectively.

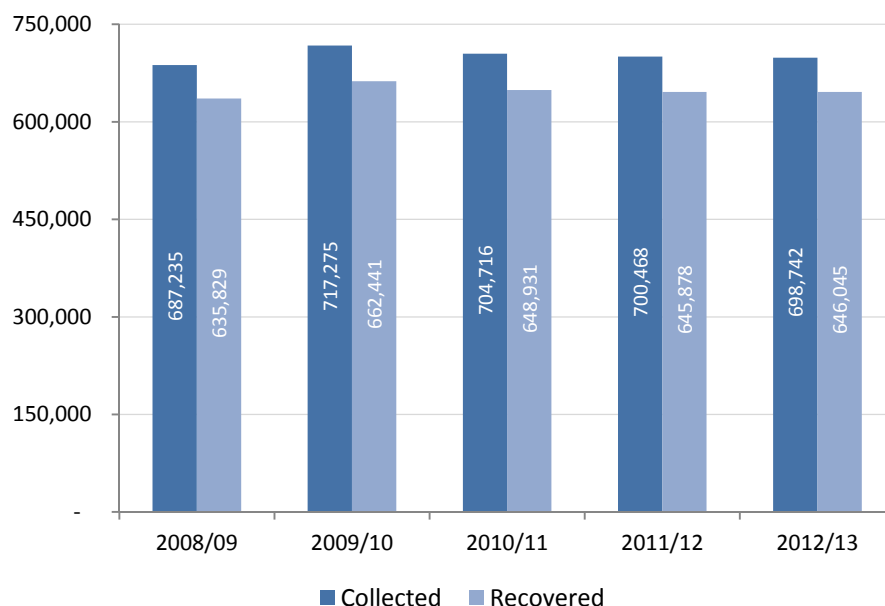
**Table 5: Total household kerbside recyclable materials collected, recovered and disposed of in NSW, 2012–13**

Region	No. of councils	Collected	Recovered	Disposed of	Recycling rate %
<b>NSW</b>	<b>130</b>	<b>698,742</b>	<b>646,045</b>	<b>52,696</b>	<b>92%</b>
<b>SMA</b>	38	382,616	353,442	29,173	92%
<b>ERA</b>	13	141,218	132,687	8,531	94%
<b>RRA</b>	21	83,899	78,371	5,529	93%
<b>Rest of the state</b>	58	91,009	81,545	9,463	90%

Note: Due to rounding totals may not add up.

Compared with 2008–09, the total amount of kerbside recyclable materials collected increased by 2% or 11,507 tonnes and the amount recovered increased by around 10,000 tonnes. The recovery rate has levelled off over the last four years at 92%. The higher collection amount can be attributed to additional councils extending the service to their residents. Seven councils in the RRA and rest of the state have extended kerbside collection services since 2008–09.

**Figure 5: Total household kerbside recyclable materials collected and recovered in NSW (tonnes), 2008–09 to 2012–13.**



One hundred and thirty of the 152 NSW councils provided a kerbside collection service, reaching 95% of households in council areas that provided a service and 93% of all households in NSW (Table 6).

**Table 6: Percentage of households reached by councils providing a kerbside recycling service in NSW<sup>13</sup>**

Region	No. of councils providing service	Household		
		Total <sup>14</sup>	Coverage percentage <sup>15</sup> (NSW / region with service)	Coverage percentage <sup>16</sup> (NSW / region)
<b>NSW</b>	<b>130</b>	<b>2,624,965</b>	<b>95%</b>	<b>93%</b>
<b>SMA</b>	38	1,477,544	99%	99%
<b>ERA</b>	13	534,241	96%	96%
<b>RRA</b>	21	297,865	89%	89%
<b>Rest of the state</b>	58	315,315	81%	71%

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

<sup>13</sup> Refer to Appendix 2 for total NSW and regional figures

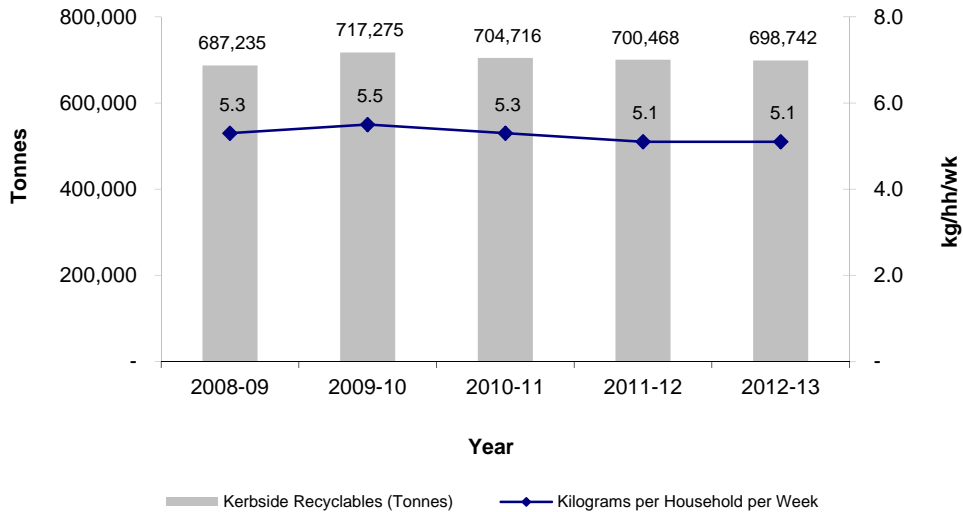
<sup>14</sup> Represents total households receiving a kerbside dry recycling service

<sup>15</sup> Percentage of households in NSW/region with a service

<sup>16</sup> Percentage of all households in NSW/region

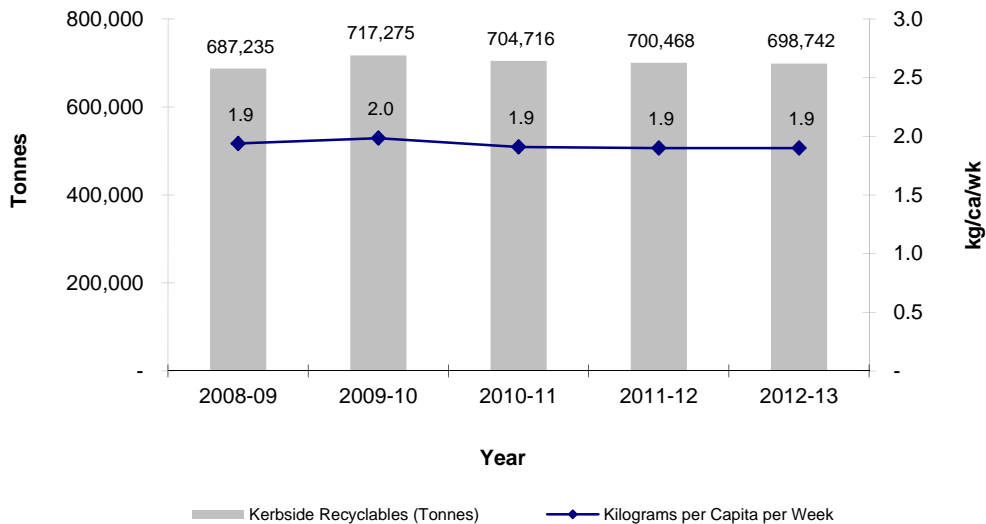
Figure 6 shows that the average weekly household collection varied in the past five years and the highest annual average of 5.5 kg and total collection of 717,275 tonnes were reported in 2009–10. The annual average weekly collection remained at 5.1 kg in 2012–13 and during that period, around 7,500 additional households received dry recycling service across NSW.

**Figure 6: Total and weekly average kerbside household recyclable materials collected in NSW**



In NSW, the average weekly per capita collection of recyclable materials was similar over the past five years at 1.9 kg (Figure 7). However, during that five year period the overall population with access to a recycling service increased by 5% and on an average generated 702,000 tonnes of recyclable materials.

**Figure 7: Total and weekly average kerbside per capita collected in NSW**



## Bin size and frequency

NSW councils used eight different recycling collection systems in 2012–13 (Table 7). To promote greater recovery and provide best practice solutions, the EPA suggests a minimum of 240L MGB capacity available for recycling per fortnight, and 104 councils used this bin system and frequency.

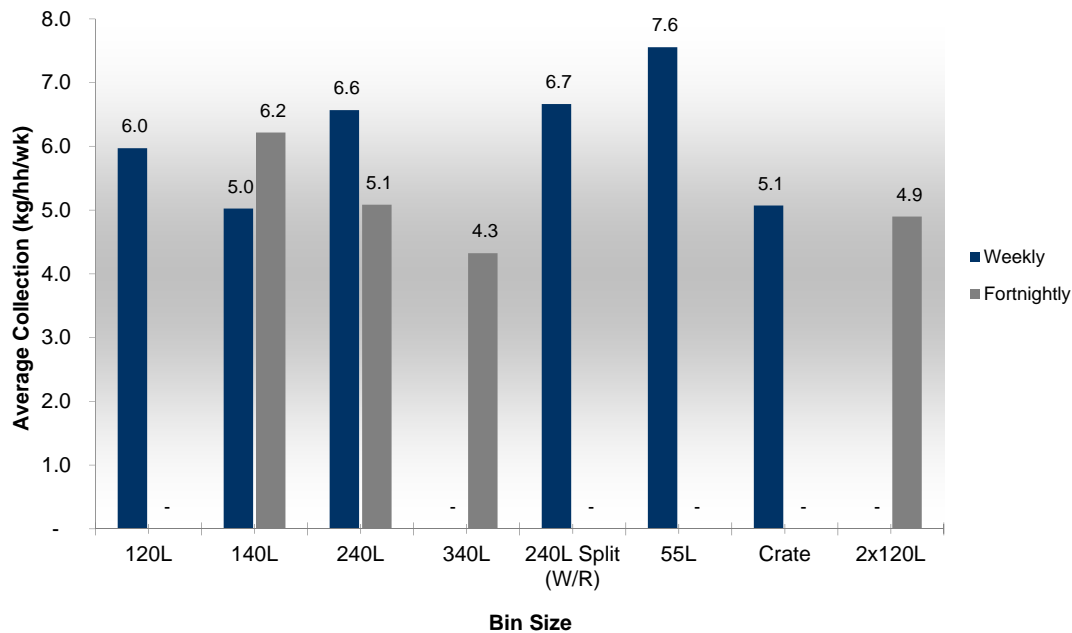
**Table 7: Average kerbside household recyclable materials collected by a collection system<sup>17</sup>**

Bin size	Frequency	SMA	ERA	RRA	Rest of the state	NSW	Average collection	
							kg/hh/yr	kg/hh/wk
120L	Weekly	1	–	-	1	2	310	6.0
140L	Weekly	-	-	1	-	1	261	5.0
240L	Weekly	5	-	-	2	7	342	6.6
240L Split (W/R)	Weekly	-	-	1	-	1	347	6.7
55L	Weekly	-	-	-	1	1	393	7.6
Crate	Weekly	1	-	-	4	5	264	5.1
120L	Fortnightly	-	-	-	-	-	-	-
140L	Fortnightly	1	-	-	1	2	323	6.2
240L	Fortnightly	26	13	18	47	104	264	5.1
240L Split (P/C)	Fortnightly	-	-	-	-	-	-	-
2x120L	Fortnightly	4	-	-	1	5	255	4.9
340L	Fortnightly	-	-	1	1	2	225	4.3
No service		-	-	-	22	22		

Figure 8 compares average weekly household recyclable materials collected by bin size and frequency. The 240L MGB bins collected fortnightly averaged 5.1 kg/hh/wk and were used by 80% of councils (104 councils) with a kerbside recycling service. The 55L MGB bins collected weekly showed the highest average collection at 7.6 kg/hh/wk, but only one council in the rest of the state used this system type.

<sup>17</sup> The average annual figure is based on predominant bin size and larger proportion of dwelling types.



**Figure 8: Average weekly kerbside household recyclable materials collected by collection system**

### Drop off facilities

In 2012–13, 71,483 tonnes of recyclable materials were collected from drop off facilities provided by councils across NSW and the contaminants disposed of to landfill were highest in the past five years at 4,875 tonnes (or 7%).

One hundred and eight NSW councils reported collecting recyclable materials in 2012–13. Councils in the rest of the state collected 30,820 tonnes, almost half the total recyclables collected, followed by RRA councils reporting 19,263 tonnes collected.

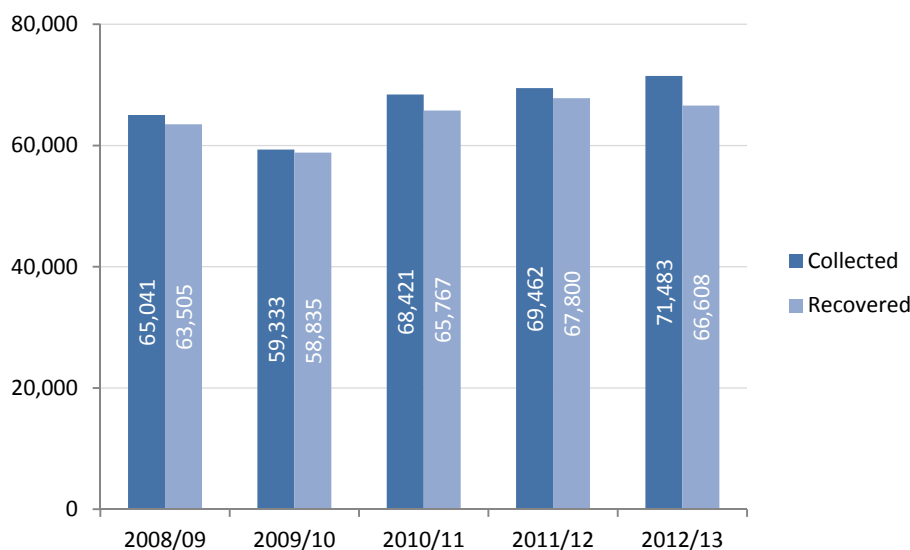
**Table 8: Total drop off recyclable materials collected, recovered and disposed of in NSW (in tonnes), 2012–13**

Region	No. of councils	Collected	Recovered	Disposed of	Recycling rate %
<b>NSW</b>	<b>108</b>	<b>71,483</b>	<b>66,608</b>	<b>4,875</b>	<b>93%</b>
<b>SMA</b>	15	3,062	2,862	200	93%
<b>ERA</b>	13	18,339	18,213	125	99%
<b>RRA</b>	20	19,263	18,576	687	96%
<b>Rest of the state</b>	60	30,820	26,957	3,862	87%

Note: Due to rounding totals may not add up.

The recycling rate for drop off services was 93%, down from 98% in the previous year. In the ERA, almost all the recyclables collected from the drop off service were recovered, while the councils in the rest of the state disposed of 79% or 3,862 tonnes of the total disposed amount. The total amount of drop off recyclable materials collected increased by 3% to 71,483 tonnes compared to the previous year and 10% compared to 2008–09.

**Figure 9: Total drop off recyclable materials collected and recovered in NSW, 2008–09 to 2012–13**



### Clean-up services

Councils reported collecting 11,708 tonnes of recyclable materials from clean-up services, mainly consisting of e-waste, mattresses, white goods and metals. Eighty-nine NSW councils provided clean-up services (combined waste and recycling service) to their residents.

Table 9 presents the total recyclable materials collected, recovered and disposed of from clean-up services across NSW in 2012–13. Except for the rest of the state, all areas had a slightly higher recovery rate than, or a similar recovery rate to, the 98% state average.

**Table 9: Total recyclable materials collected, recovered and disposed of from clean-up services in NSW, 2012–13**

Region	No. of councils	Collected	Recovered	Disposed of	Recycling rate %
<b>NSW</b>	<b>89</b>	<b>11,708</b>	<b>11,446</b>	<b>262</b>	<b>98%</b>
<b>SMA</b>	38	7,427	7,272	155	98%
<b>ERA</b>	11	1,973	1,960	13	99%
<b>RRA</b>	15	1,503	1,495	8	99%
<b>Rest of the state</b>	25	805	719	86	89%

Note: Due to rounding totals may not add up.

### Total domestic collection

In 2012–13, 781,933 tonnes of domestic recyclable materials were collected in NSW. Table 10 presents the breakdown of recyclable materials collected by each respective service and region. Kerbside collection accounted for 89% or 698,742 tonnes of all dry recyclable materials collected from households across NSW, followed by drop off facilities at 9% and clean-up services at 2%.

More than half the drop off amount was collected from the RRA and rest of the state while the councils in the SMA and ERA regions collected the most amounts from kerbside and clean-up services.

**Table 10: Total domestic recyclables collection in NSW, 2012–13**

Services	NSW	SMA	ERA	RRA	Rest of the state
<b>Kerbside service</b>	698,742	382,616	141,218	83,899	91,009
<b>Drop off facilities</b>	71,483	3,062	18,339	19,263	30,820
<b>Clean-up service</b>	11,708	7,427	1,973	1,503	805
<b>Total</b>	<b>781,933</b>	<b>393,105</b>	<b>161,530</b>	<b>104,665</b>	<b>122,634</b>

Note: Due to rounding totals may not add up.

The total amount of domestic kerbside recyclable materials collected fell by almost 5,000 tonnes in 2012–13 compared with the previous year. However, collection from drop off facilities continued to increase and there has been a slight increase in collection from clean-up services.

**Figure 10: Total domestic dry recyclable materials collected from services in NSW in 2012–13 (tonnes)**

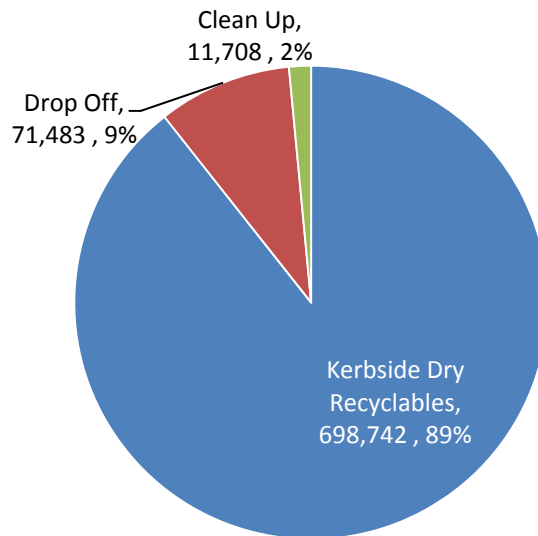
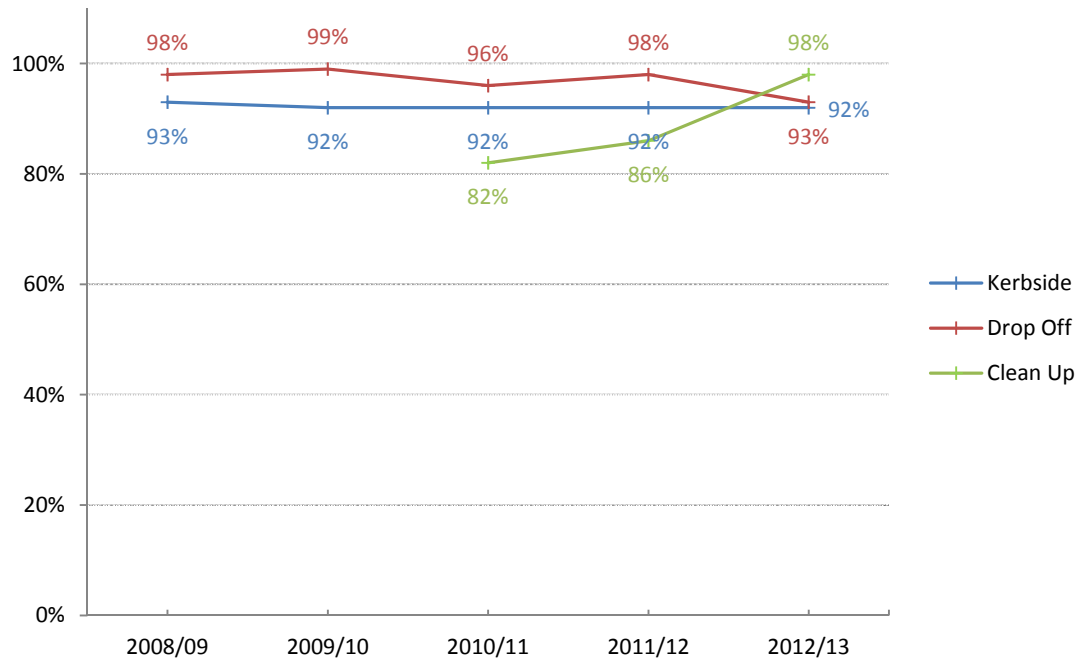


Figure 11 presents the recyclable recycling rate for kerbside, drop off and clean-up services. The recycling rate for the kerbside service has remained consistent over the past four years at 92%. The recovery from clean-up services increased to 98% in 2012–13, although recovery from drop off services dropped to 93%, the lowest in the past five years.

**Figure 11: Recycling rate for kerbside, drop off and clean-up services, NSW 2008–09 to 2012–13**



Note: Comparable datasets from clean-up services prior to 2010-11 were not available.

## 4. Organic waste collection

Like recyclable materials, organic waste (garden and food waste) is collected from kerbside, drop off and clean-up services offered by councils. Most councils only collect garden organics, although 17 councils co-collect food and garden organic waste from their kerbside services. Household garden organics mainly comprise bark, leaves, twigs and lawn clippings, while the food and garden organics co-collection service includes household food scraps. Only garden organic materials are dropped off at facilities and collected from clean-up services.

### Kerbside organic waste

In 2012–13, the total kerbside organics collection dropped by 8% to 466,984 tonnes compared with the previous year. All the regions except RRA across NSW reported a drop in organic waste collection. Councils in the RRA reported an increase of almost 2,000 tonnes (or 3%), while the councils in the SMA reported collecting almost 38,000 tonnes (or 12%) less than in the previous year. The annual organic waste collection has been steadily rising on an average of 50,000 tonnes annually since 2008–09.

In NSW, 17 councils co-collected 85,640 tonnes from food and garden organics (FOGO) collection services. Eight councils from the RRA, 7 from the rest of the state and 2 SMA councils provided the kerbside co-collection service to residents. Out of the total collected, 81,593 tonnes or 95% was recovered.

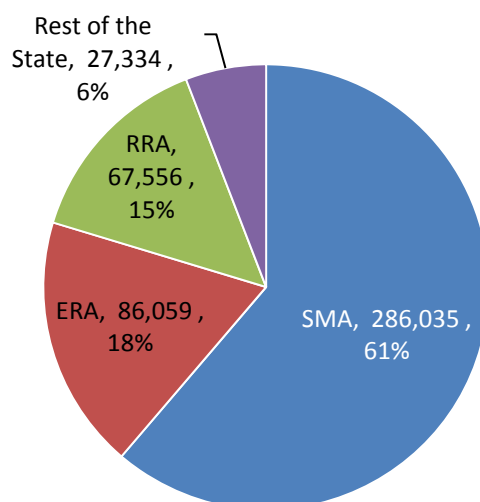
**Table 11: Kerbside organics collected from households, NSW, 2012–13**

	NSW	SMA	ERA	RRA	Rest of the state
<b>Garden organics</b>					
<b>No. of councils</b>	60	32	7	7	8
<b>Collected (tonnes)</b>	381,344	251,710	86,059	21,202	22,373
<b>Food and garden organics</b>					
<b>No. of councils</b>	17	2	–	8	7
<b>Collected (tonnes)</b>	85,640	34,325	–	46,354	4,961
<b>Total</b>					
<b>No. of councils</b>	71	34	7	15	15
<b>Collected (tonnes)</b>	<b>466,984</b>	<b>286,035</b>	<b>86,059</b>	<b>67,556</b>	<b>27,334</b>

Note: Due to rounding totals may not add up.

Councils in the SMA providing service to 67% of the households collected 61% or 286,035 tonnes of organic waste in 2012–13 (Figure 12). Two councils in the rest of the state and one each in ERA and RRA region extended the kerbside organics service to households in 2012–13. However, the total organic waste collected from these three regions dropped by around 3,000 tonnes compared with the previous year.

**Figure 12: Breakdown of total kerbside organics collected by regions (tonnes), NSW 2012–13**



An annual average of 275 kg of organic material was collected per household in 2012–13 from kerbside services, which equates to an average weekly collection of 5.3 kg per household or 1.7 kg per person.

**Table 12: Average reported quantity of kerbside organic waste collected by household and population**

Region	No. of councils reporting	Household <sup>18</sup>		Population <sup>19</sup>	
		Annual Kg/hh/yr	Weekly Kg/hh/wk	Annual Kg/ca/yr	Weekly Kg/ca/wk
<b>NSW</b>	<b>72 <sup>20</sup></b>	<b>275</b>	<b>5.3</b>	<b>87</b>	<b>1.7</b>
<b>SMA</b>	34	284	5.5	83	1.6
<b>ERA</b>	7	235	4.5	89	1.7
<b>RRA</b>	15	346	6.6	111	2.1
<b>Rest of the State</b>	15	210	4.0	174	3.3

The annual average collection per household dropped by 14% to 275 kg compared with the previous year. The average weekly collection from councils in the SMA and the RRA regions was higher than the state average at 5.5 kg/hh/wk and 6.6 kg/hh/wk respectively. The councils in the ERA region reported a drop in average weekly household collection of more than 1 kg compared with the previous year.

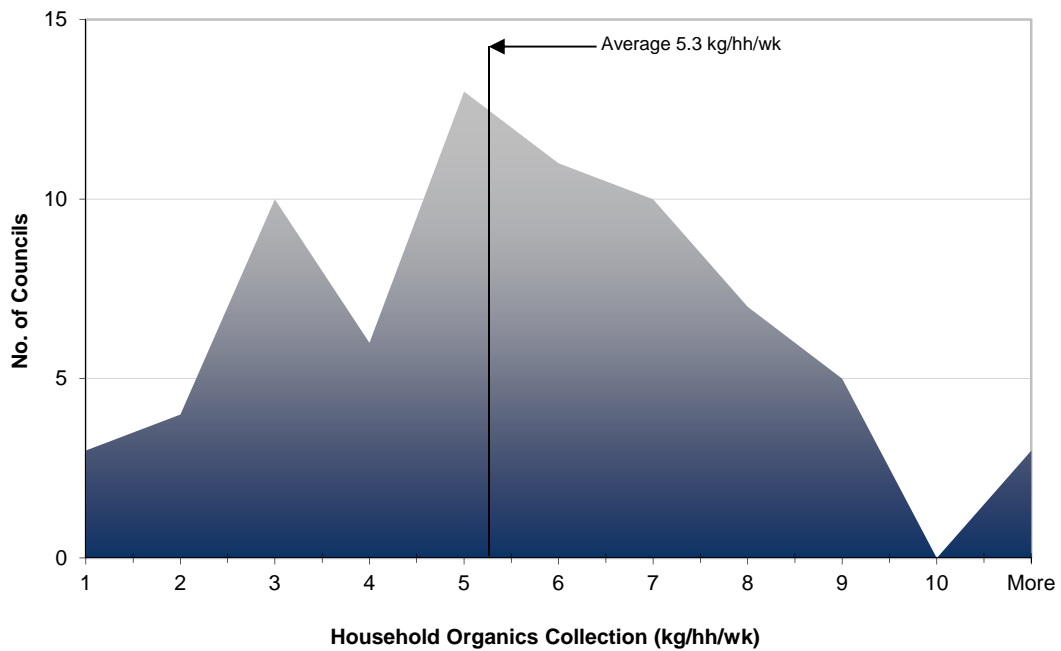
Of the 71 councils that reported on organics collection, 23 reported collecting less than 4 kg per household per week and 25 reported collecting more than 6 kg in 2012–13 (Figure 13).

<sup>18</sup> Based on number of serviced households in council areas which provided a service

<sup>19</sup> Based on total population in councils areas which provided a service

<sup>20</sup> One council in the rest of the state did not provide collected tonnages

**Figure 13: Average weekly kerbside organics collected per household in NSW, 2012–13**



The household kerbside organics collected, recovered and disposed of in NSW during 2012–13 are presented in Table 13. The overall recycling rate for organics continued to be slightly higher than the rate for recyclable materials at 97%.

The councils in the ERA region reported a higher overall recycling rate than the state average at 99%. However, the recycling rate for councils in the RRA and the rest of the state is lower than the state average at 96% and 90% respectively.

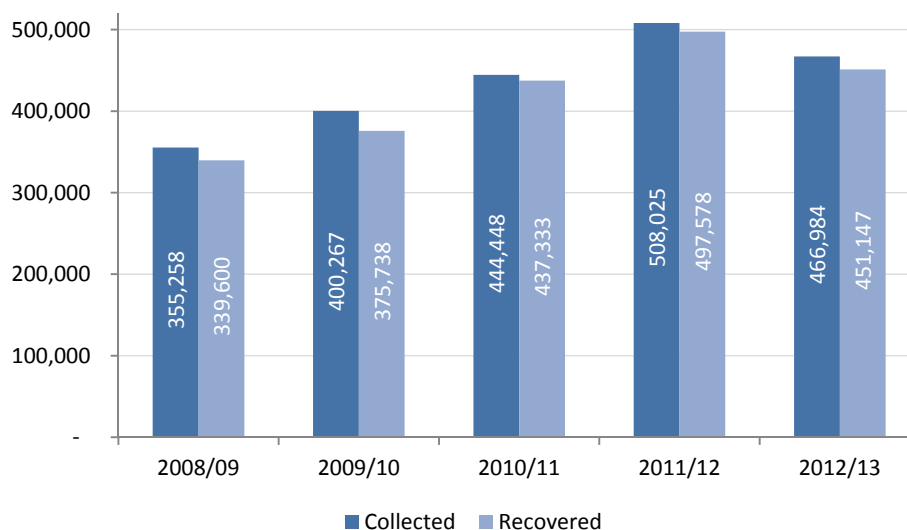
**Table 13: Total household kerbside organics collected, recovered and disposed of in NSW, 2012–13**

Region	No. of councils	Collected	Recovered	Disposed of	Recycling rate %
<b>NSW</b>	<b>71</b>	<b>466,984</b>	<b>451,147</b>	<b>15,837</b>	<b>97%</b>
<b>SMA</b>	34	286,035	276,344	9,691	97%
<b>ERA</b>	7	86,059	85,166	893	99%
<b>RRA</b>	15	67,556	65,001	2,555	96%
<b>Rest of the state</b>	15	27,334	24,636	2,699	90%

Note: Due to rounding totals may not add up.

The total amount of organics collected increased by 31% in 2012–13 compared with 2008–09, and 14 more councils reported collecting organic materials during that period. However, the reported collection in 2012–13 dropped by 8% or around 41,000 tonnes compared with the previous year. The recycling rate varied during the five-year period, but has started to level off since 2011–12 at 98%.

**Figure 14: Total collected and recovered kerbside organics in NSW (tonnes) 2008–09 to 2012–13**



Seventy-two of the 152 NSW councils provided a kerbside organics collection service in 2012–13, reaching 82% of households in the councils that provided a service and 60% of all households in NSW. Since 2008–09, 13 councils offered kerbside collection service, extending to around 240,000 households.

**Table 14: Percentage of households and the population with an organics collection service in NSW, 2012–13**

Region	No. of councils providing service	Households		
		Total <sup>21</sup>	Percentage (%) <sup>22</sup> (NSW/region with service)	Percentage (%) <sup>23</sup> (NSW/region)
NSW	72	1,701,965	82%	60%
SMA	34	1,008,462	80%	67%
ERA	7	366,694	98%	58%
RRA	15	195,402	74%	58%
Rest of the state	16	131,407	75%	30%

In 2012–13, 34 councils in the SMA region provided a kerbside organics collection service, followed by 16 from the rest of the state and 15 from the RRA. Only 7 councils in the ERA region provided kerbside organics services to their residents.

The average weekly collection dropped by almost 1 kg to 5.3 kg in 2012–13 compared with the previous year, although the weekly average was higher than the reported collection of 4.7 kg in 2008–09.

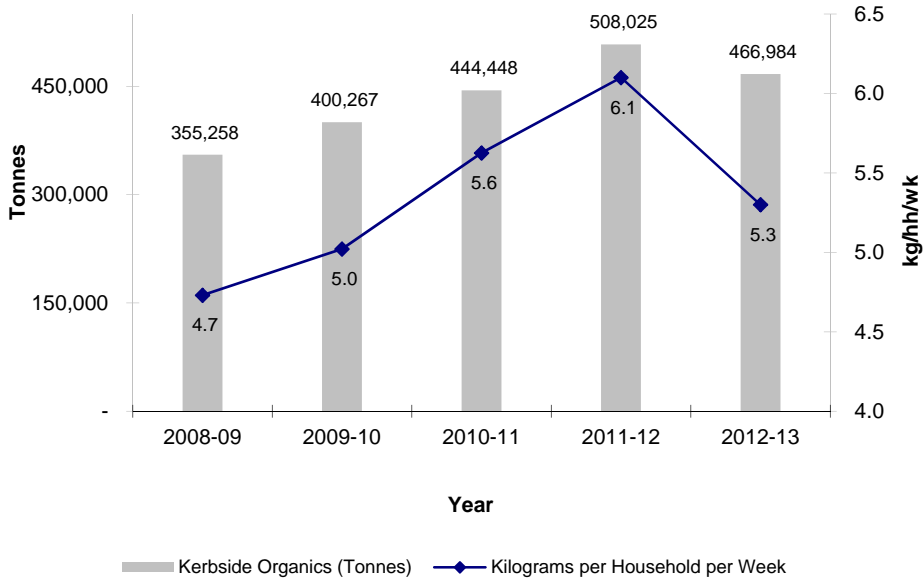
<sup>21</sup> Represents total households receiving kerbside organics collection service

<sup>22</sup> Percentage of households in NSW/Region with service

<sup>23</sup> Percentage of all households in NSW/Region

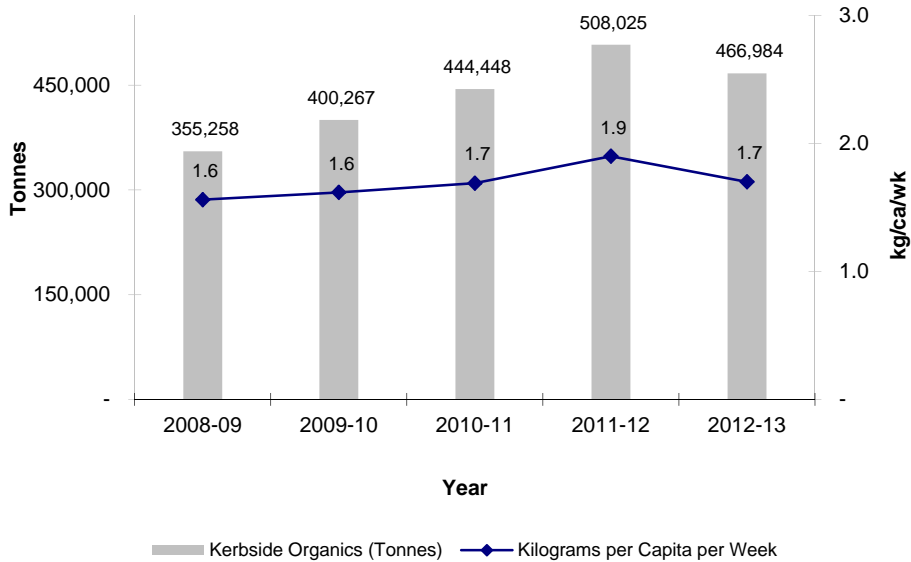


**Figure 15: Total and weekly average household kerbside organics collection in NSW**



In 2012–13, the average weekly kerbside organics collection per capita in NSW returned to the three-year average of 1.7 kg recorded between 2008 –11.

**Figure 16: Total and weekly average per capita kerbside organics collection in NSW**



### Bin size and frequency

In 2012–13, the 240L MGB was the most common kerbside collection bin system, used by 67 councils with varied collection frequency. Of those councils, 51 collected fortnightly, 10 weekly and 6 monthly. The 340L MGB bin system was used by only one council in the SMA fortnightly.

The other bin system type is the combination of tied and bundle bags and mixed MGBs. Three councils in the SMA used this system type in 2012–13, with weekly and monthly collection frequency (Table 15).

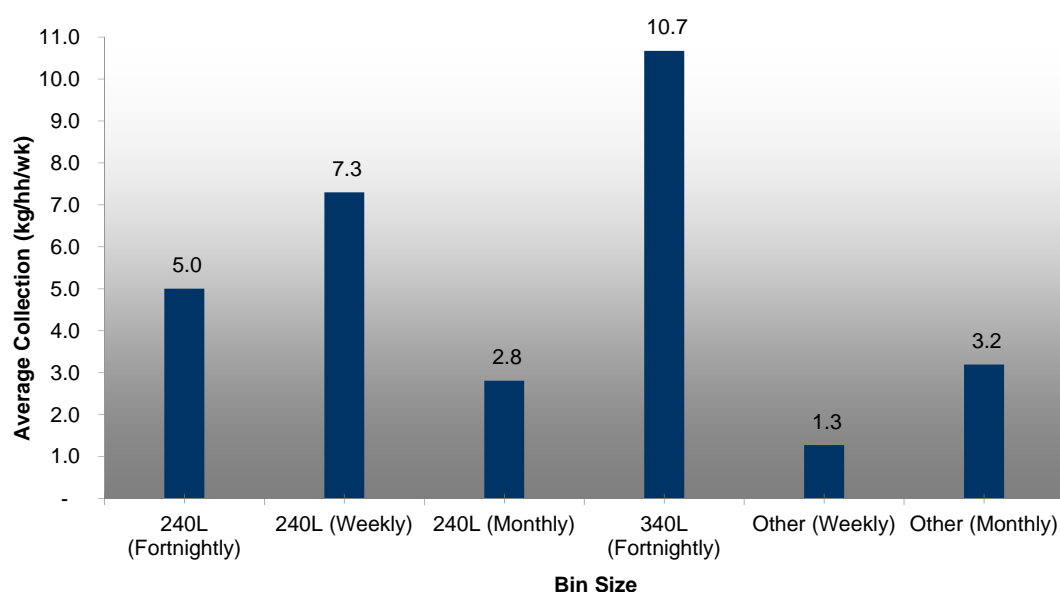
**Table 15: Average kerbside household organic waste collected by a collection system<sup>24</sup>**

Bin system	Frequency	SMA	ERA	RRA	Rest of the state	NSW	Average collection	
							kg/hh/yr	kg/hh/wk
240L	Fortnightly	22	7	9	13	51	260	5.0
240L	Weekly	4	–	6	–	10	379	7.3
240L	Monthly	4	–	–	2	6	146	2.8
340L	Fortnightly	1	–	–	–	1	555	10.7
Other	Weekly	2	–	–	–	2	66	1.3
Other	Monthly	1	–	–	–	1	166	3.2
No service		4	6	6	64	71	–	–
No data reported		–	–	–	1	1	–	–

\* Other - tied and bundled, bags, MGBs

Figure 17 compares the average weekly quantity of household organic materials collected by bin types and frequency. The 51 councils that used the 240L bin with fortnightly collection frequency were geographically spread across the regions. In 2012–13, 7 councils started using this system type compared with the previous year, averaging a weekly collection of 5 kg. The 240L bin system collected weekly, averaged a higher collection rate at 7.3 kg/hh/wk and was offered by ten councils. Only one council in the SMA offered a 340L bin type collected fortnightly, and had the highest weekly collection of 10.7 kg per household.

<sup>24</sup> The average annual figure is based on predominant bin size and larger proportion of dwelling types.

**Figure 17: Average weekly kerbside household organic materials collected by collection system**

### Drop off facilities

In 2012–13, 168,875 tonnes of organic material were collected at drop off facilities in NSW. Of this material, 91% or 154,369 tonnes were reported recovered. Ninety-two councils reported organics collection at drop off facilities in 2012–13, six more than in the previous year.

The councils in the rest of the state continued to collect most amounts of household organics from drop off facilities, followed by 46,654 tonnes (28%) collected from 13 ERA councils.

Councils in the SMA disposed of the least amount and the 48 councils from the rest of the state disposed of the most at 8,761 tonnes. The recovery rates for the SMA and RRA were higher than that of the state average at 100% and 97% respectively.

**Table 16: Total organics collected, recovered and disposed of from drop off facilities in NSW, 2012–13**

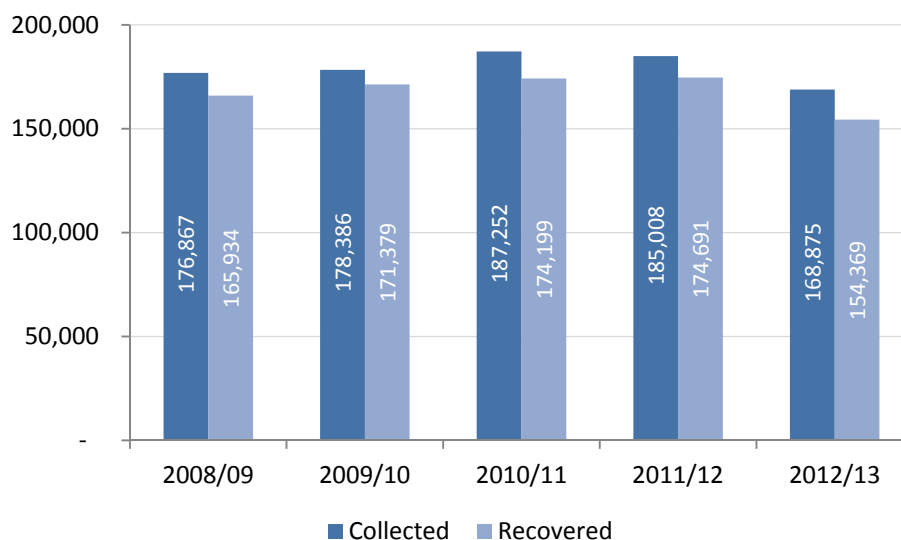
Region	No. of councils	Collected	Recovered	Disposed of	Recycling rate
<b>NSW</b>	<b>92</b>	<b>168,875</b>	<b>154,369</b>	<b>14,506</b>	<b>91%</b>
<b>SMA</b>	12	20,600	20,600	–	100%
<b>ERA</b>	13	46,654	42,049	4,605	90%
<b>RRA</b>	19	41,162	40,022	1,140	97%
<b>Rest of the state</b>	48	60,459	51,699	8,761	86%

Note: Due to rounding totals may not add up.

The amount of organic waste collected from drop off facilities and the recovery rate dropped to a five-year low in 2012–13 to 168,875 tonnes and 91% respectively. Although the reported amount collected from the SMA councils has steadily

increased during the five-year period, the amount collected from other regions fluctuated during that period. The number of councils reporting the amount of organic waste dropped off at facilities increased from 70 in 2008–09 to 92 in 2012–13.

**Figure 18: Total amount of organic materials collected and recovered from drop off organics services in NSW (tonnes), 2008–09 to 2012–13**



## Clean-up services

Of the 89 councils providing clean up services (combined waste and recycling services) to their residents, 31,557 tonnes of organic material was collected in 2012–13. The SMA councils reported collecting 46% or 14,431 tonnes of the total, followed by 6,866 tonnes collected from the RRA and the least amount collected from the ERA region.

All the regions except for the rest of the state reported recovering all household organic materials collected from clean-up services. The 25 councils in the rest of the state reported collecting 5,367 tonnes of organics, but almost the entire quantity was disposed of to landfill.

**Table 17: Total organic materials collected, recovered and disposed of from clean up services in NSW, 2012–13**

Region	No. of councils	Collected	Recovered	Disposed of	Recycling rate
<b>NSW</b>	<b>89</b>	<b>31,557</b>	<b>26,674</b>	<b>4,883</b>	<b>85%</b>
<b>SMA</b>	38	14,431	14,431	–	100%
<b>ERA</b>	11	4,892	4,892	–	100%
<b>RRA</b>	15	6,866	6,866	–	100%
<b>Rest of the state</b>	25	5,367	719	4,883	9%

## Total domestic collection

In 2012–13, 667,416 tonnes of organics were collected from kerbside, drop off and clean up services provided by councils in NSW. Kerbside collection accounted for 70% or 466,984 tonnes, followed by drop off facilities at 25%. The remaining 14,431 tonnes were collected from clean-up services.

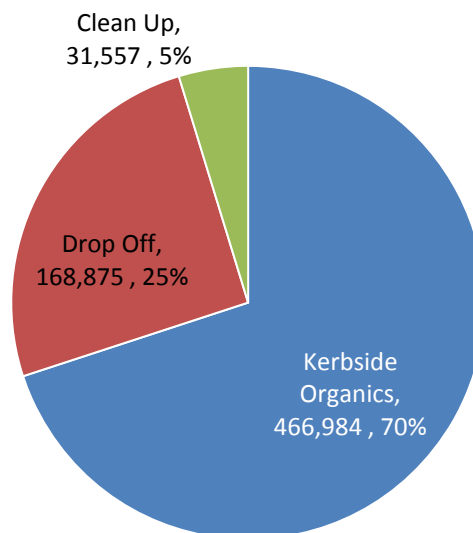
**Table 18: Total domestic organics collection in NSW, 2012–13**

Services	NSW	SMA	ERA	RRA	Rest of the state
<b>Kerbside services</b>	466,984	286,035	86,059	67,556	27,334
<b>Drop off facilities</b>	168,875	20,600	46,654	41,162	60,459
<b>Clean-up services</b>	31,557	14,431	4,892	6,866	5,367
<b>Total</b>	<b>667,416</b>	<b>321,066</b>	<b>137,605</b>	<b>115,584</b>	<b>93,160</b>

Note: Due to rounding totals may not add up.

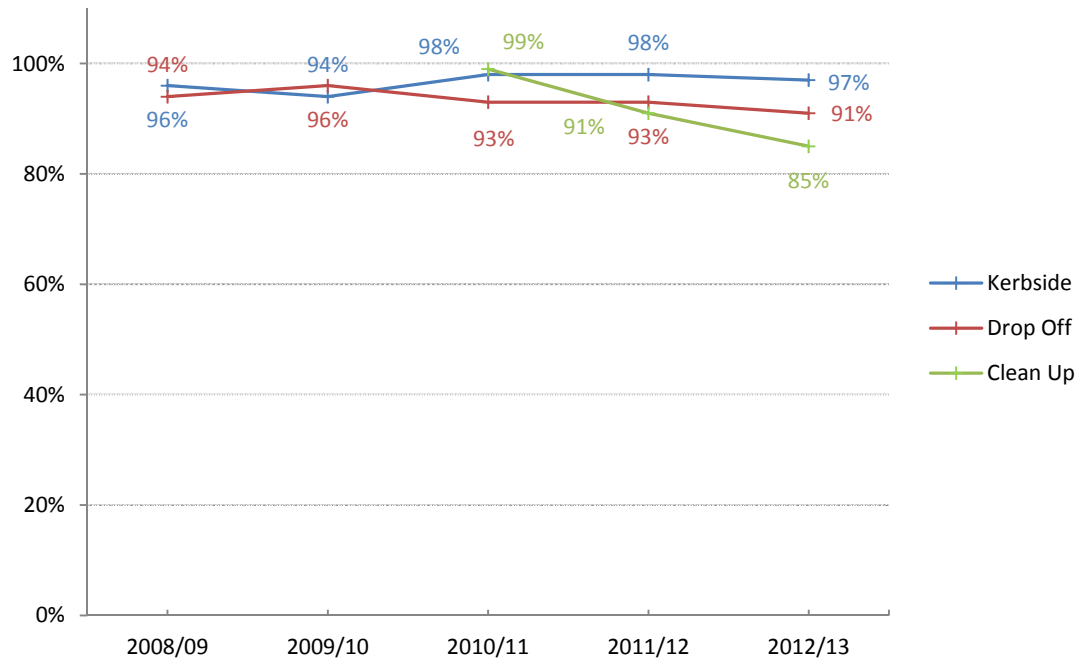
The total amount of domestic organic materials collected in NSW dropped by 8% or 59,470 tonnes compared with the previous year. There has been a drop in collection from all services across the state, and the most significant drop has been from kerbside collection amounting to 41,041 tonnes.

**Figure 19: Total domestic organic waste collected from services in NSW in 2012-13 (tonnes).**



The organics recycling rate from kerbside, drop off and clean up services is presented in Figure 20. There has not been a significant drop in recycling rates from kerbside and drop off services, but the clean-up recycling rate dropped to 85% in 2012–13 compared to 91% in 2011–12.

**Figure 20: Organics recycling rate for kerbside, drop off and clean-up services in NSW from 2008–09 to 2012–13.**



Note: Note: Comparable datasets from clean-up services prior to 2010-11 were not available.

## 5. Residual waste generation

Household waste generated in the course of a domestic activity is either treated in an alternative waste treatment (AWT) facility before it is disposed of, or directly disposed of to landfill after collection. It is typically collected from kerbside, drop off facilities and clean-up services provided by the councils.

### Kerbside waste generation

Kerbside residual waste generation reached 1,634,173 tonnes in 2012–13, an increase of less than a percentage compared to the previous year, and a drop of almost 31,000 tonnes compared to 2008–09. The average household generation per week showed a similar yield as the previous year at 11.7 kg, while the total number of serviced households increased by almost 1,700.

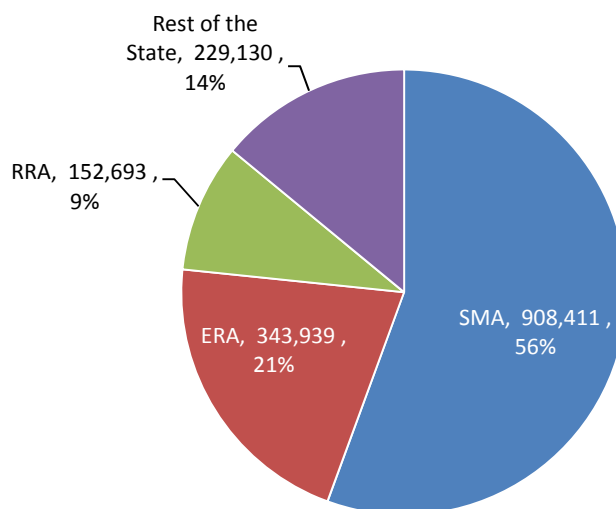
Table 19 shows the residual waste generation and number of councils providing the kerbside service in each region.

**Table 19: Kerbside residual waste generated from households, NSW 2012–13 (tonnes)**

	NSW	SMA	ERA	RRA	Rest of the state
<b>No. of councils</b>	151	38	13	21	79
<b>Collected (tonnes)</b>	1,634,173	908,411	343,939	152,693	229,130

The 38 councils in the SMA servicing 56% of total households with a kerbside service generated 908,411 tonnes or 56% of total residual waste across the state. The councils in the RRA providing a service to 298,197 households, the least number across NSW, generated 229,130 tonnes of residual waste. The 79 councils from the rest of the state provided a service to 355,042 households and generated the least amount at 152,693 tonnes.

**Figure 21: Breakdown of kerbside residual waste generated by regions (tonnes), NSW 2012–13**



Out of the 151 councils in NSW, 21 councils reported sending all or part of the kerbside residual waste generated to AWT facilities. In 2012–13, AWT<sup>25</sup> facilities recovered 236,212 tonnes of materials received.

An average of 611 kg of household residual waste was collected from 151 councils, averaging a weekly generation of 11.7 kg per household or 4.3 kg per person (Table 20). The average weekly household generation has almost levelled off since 2010–11 at 11.7 kg. Councils in the RRA continued to generate the least amount of residual waste compared to other regions at 512 kg. The serviced households in the rest of the state generated the most amount of residual waste at 645 kg.

**Table 20: Average reported quantity of kerbside residual waste generated by households and populations**

Region	No. of councils reporting	Household <sup>26</sup>		Population <sup>27</sup>	
		Annually Kg/hh/yr	Weekly Kg/hh/wk	Annually Kg/ca/yr	Weekly Kg/ca/wk
<b>NSW</b>	<b>151</b>	<b>611</b>	<b>11.7</b>	<b>224</b>	<b>4.3</b>
<b>SMA</b>	38	611	11.7	219	4.2
<b>ERA</b>	13	643	12.4	252	4.8
<b>RRA</b>	21	512	9.8	198	3.8
<b>Rest of the state</b>	79	645	12.4	231	4.4

Since 2008–09, the number of councils reporting average household kerbside residual waste generation of less than 15 kg per week gradually increased from 106 to 117 councils in 2012–13. Thirty-four councils on average generated more than 15 kg compared to 45 councils during the same period.

Figure 22 shows a shift in average residual waste generation, as more council reported generating less waste and were closer to the state average in 2012–13 compared to 2008–09.

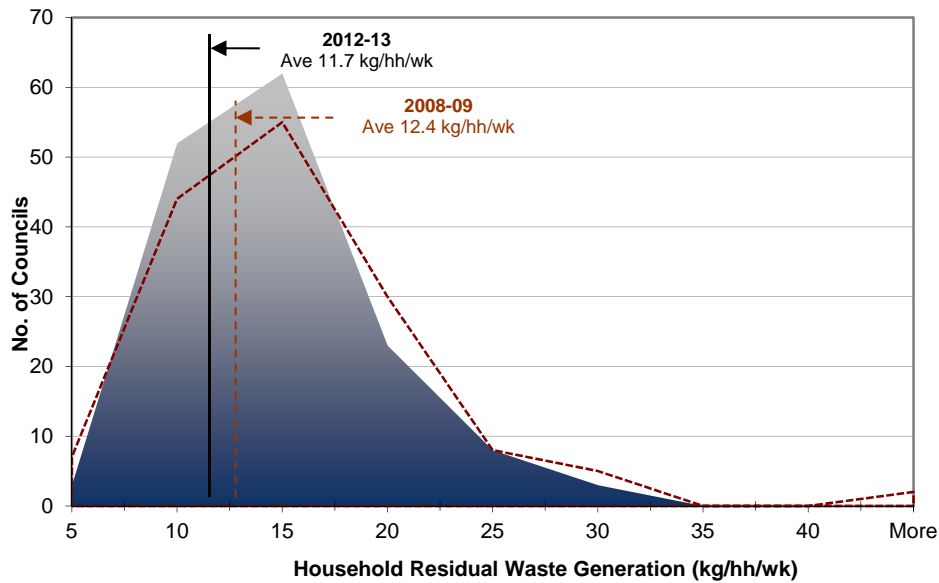
<sup>25</sup> Refer to Appendix 10 on AWT recovery and disposal

<sup>26</sup> Based on the number of serviced households in council areas providing a service

<sup>27</sup> Based on the total population in council areas providing a service



**Figure 22: Average reported kerbside residual waste generated per household in NSW**



In 2012–13, 151 councils provided a kerbside residual waste collection service, reaching 95% of households in council areas providing a service and 94% of all households in NSW. Access to kerbside collection service varied across NSW, with almost all households receiving service in the SMA, 96% in ERA, 89% in RRA and 80% of households in the rest of the state.

**Table 21: Percentage of households and populations with a residual waste service in NSW**

Region	No. of councils providing service	Household		
		Total <sup>28</sup>	Percentage (%) <sup>29</sup>	Percentage (%) <sup>30</sup> NSW/region
<b>NSW</b>	<b>151</b>	<b>2,674,672</b>	<b>95%</b>	<b>94%</b>
<b>SMA</b>	38	1,486,893	99%	99%
<b>ERA</b>	13	534,540	96%	96%
<b>RRA</b>	21	298,197	89%	89%
<b>Rest of the state</b>	79	355,042	80%	80%

Total kerbside household residual waste generation increased by around 3,600 tonnes to reach 1,634,173 tonnes in 2012–13 compared with the previous year.

Kerbside residual waste generation from the SMA, ERA and RRA regions dropped, although the rest of the state reported an increase of 8% or 17,499 tonnes in 2012–13. The SMA councils reported a drop of almost 12,000 tonnes and the ERA and the RRA reported a combined total drop of 2,197 tonnes compared with the previous

<sup>28</sup> Represents total households receiving kerbside residual waste service

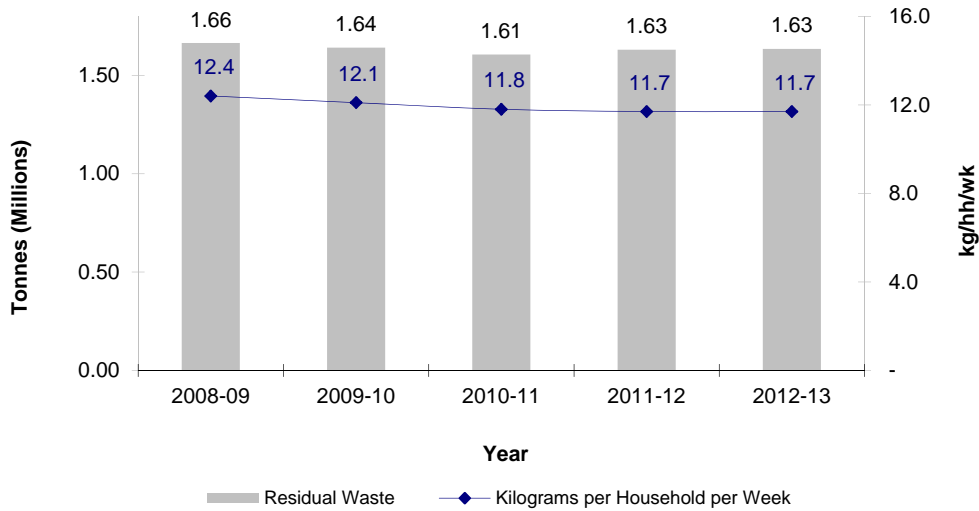
<sup>29</sup> Percentage of all households in NSW/region

<sup>30</sup> Percentage of all households in NSW/region

year. The number of households with access to kerbside waste services continued to increase and reached 2.7 million in 2012–13.

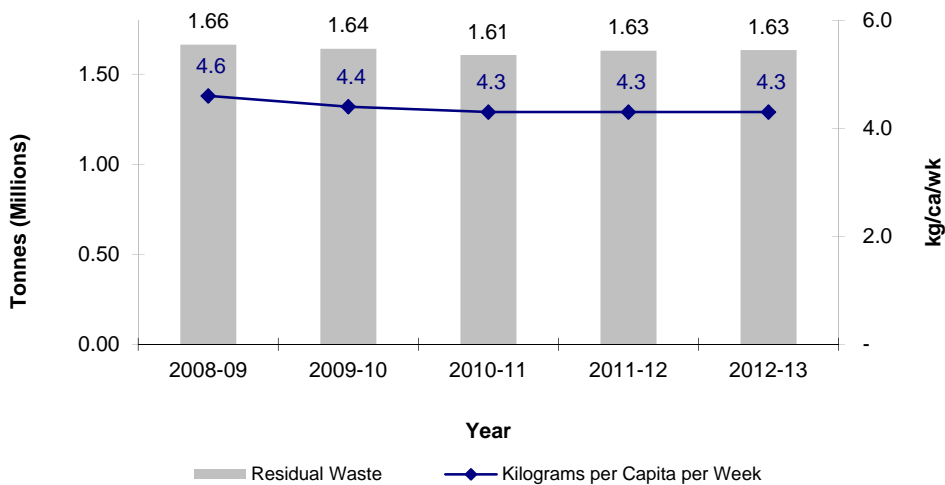
The average weekly kerbside household residual waste generation remained the same as in the previous year at 11.7 kg in 2012–13.

**Figure 23: Total and weekly average kerbside household residual waste generation in NSW**



The average weekly per capita generation gradually decreased until 2010–11, then levelled off at 4.3 kg.

**Figure 24: Total and weekly average per capita kerbside residual waste generation in NSW**



## Bin size and frequency

Five different kerbside residual waste collection systems were used by NSW councils (Table 22) in 2012–13. Seventy councils preferred the 240L bin size with weekly collection frequency and 48 councils in the rest of the state offered this system. The 120L and 140L bin size with weekly collection frequency was preferred by 66 councils across NSW. Out of 151 councils providing a kerbside residual waste collection service, only 9 councils preferred fortnightly collection frequency, mostly RRA councils.

**Table 22: Average kerbside household residual waste collected by a collection system<sup>31</sup>**

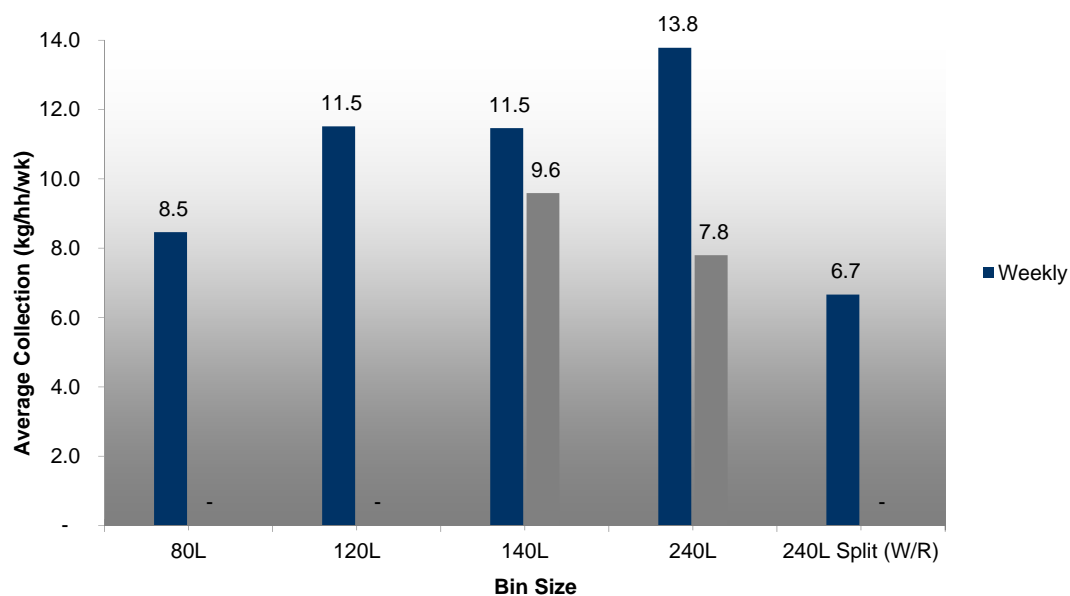
Bin size	Frequency	SMA	ERA	RRA	Rest of the state	NSW	Average collection	
							kg/hh/yr	kg/hh/wk
80L	Weekly	3	1	-	1	5	440	8.5
120L	Weekly	14	3	2	9	28	599	11.5
140L	Weekly	8	3	6	21	38	596	11.5
240L	Weekly	11	5	6	48	70	717	13.8
240L split (W/R)	Weekly	-	-	1	-	1	347	6.7
140L	Fortnightly	2	-	1	-	3	499	9.6
240L	Fortnightly	-	1	5	-	6	405	7.8
No service		-	-	-	1	1		

Note: W/R = Waste/recycling

Figure 25 compares average weekly kerbside household residual waste collected by bin size. The weekly 120L and 140L bins both averaged 11.5 kg collection per household and altogether 66 councils used these system types. The weekly 240L bin averaged 13.8 kg collected per household, and only this system type averaged higher collection than the state average of 11.7 kg/hh/wk. All other system types averaged weekly collections below the state average. The 240L split (W/R) collected weekly averaged the lowest weekly collection at 6.7 kg, but only one council from the RRA region used this system type.

<sup>31</sup> The average annual figure is based on the predominant bin size and larger proportion of dwelling types.

**Figure 25: Average weekly kerbside household waste collected by collection system**



### Drop off facilities

In 2012–13, 92 councils across the state reported receiving 226,375 tonnes of residual waste from drop off facilities, out of which 214,056 were disposed of to landfill.

The facilities in the rest of the state received the most amounts, 102,609 tonnes, followed by ERA and the RRA both receiving around 61,000 tonnes.

**Table 23: Total household residual waste generated from drop off services in NSW, 2012–13**

	NSW	SMA	ERA	RRA	Rest of the state
<b>No. of councils</b>	92	1	12	19	60
<b>Collected (tonnes)</b>	226,375	866	61,562	61,337	102,609

Note: Due to rounding totals may not add up.

### Clean-up services

Of the 89 councils that collected waste from clean-up services (combined waste and recycling services), 157,703 tonnes were disposed of to landfill in 2012–13.

The 38 councils from SMA reported disposing of 68% or 106,644 tonnes of the total, and the councils in the RRA disposed of the least amount at 9,007 tonnes.

**Table 24: Total household residual waste generated from clean-up services in NSW, 2012–13**

	NSW	SMA	ERA	RRA	Rest of the state
<b>No. of councils</b>	89	38	11	15	25
<b>Collected (tonnes)</b>	157,703	106,644	29,614	9,007	12,438

## 6. Alternative waste treatment (AWT)

Some local councils choose to send their residual waste to alternative waste treatment (AWT)<sup>32</sup> facilities.

AWT facilities use 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 landfilling to reduce greenhouse gas emissions
- reduce the mass of waste that goes to landfill, saving disposal costs.

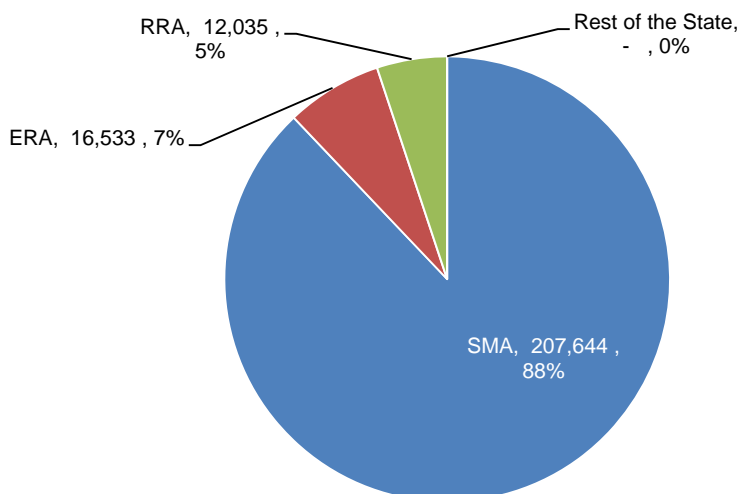
Typically, the ultimate residual wastes from the AWT process, and any processed material that cannot be beneficially reused, is disposed of to landfill.

In 2012–13, four councils from the SMA started sending part of their residual waste to an AWT facility. A total of 21 councils, 15 from the SMA, 4 from the RRA and 2 from the ERA sent all or part of their kerbside residual waste to an AWT facility.

In total these councils reported sending 437,141 tonnes of kerbside residual waste to an AWT facility, out of which 236,212 tonnes (or 54%) were reported recovered. The total amount sent to AWT facilities increased by 4% (or 15,567 tonnes) from the previous year, whilst the amount disposed of to landfill increased by only 752 tonnes. The amount recovered from these facilities increased by 7% (or 14,815 tonnes) during the same period.

Figure 26 presents the amount and percentage of waste recovered by AWT facilities from respective regions. Of the total amount recovered, 88% was from the SMA, 7% from the ERA, and 5% from the RRA.

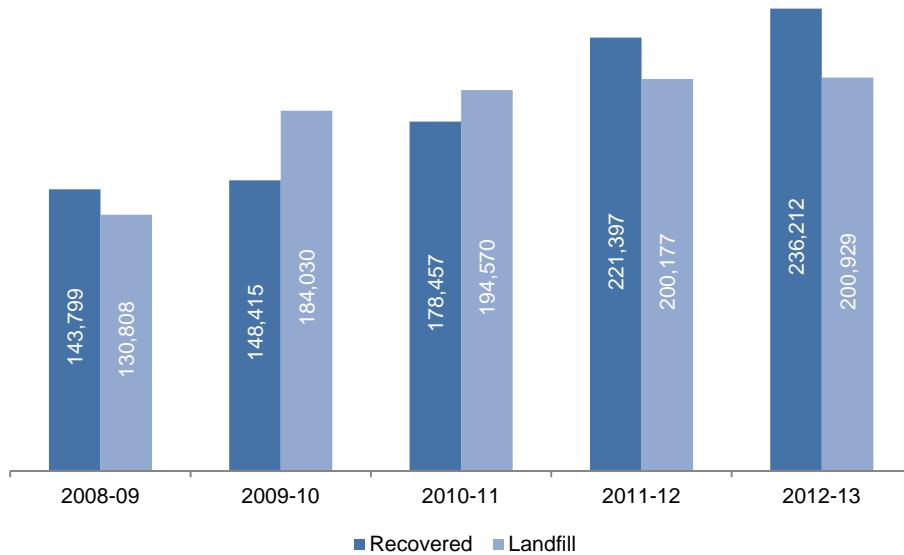
**Figure 26: Kerbside waste recovered in tonnes from AWT facilities by region**



<sup>32</sup> Refer to Appendix 10 for details of AWT figures

Compared to 2008–09, the total amount of waste processed through an AWT in 2012–13 has risen by 59% to 437,141 tonnes and material recovery has increased by 64% to 236,212 tonnes.

**Figure 27: Kerbside waste disposed of and recovered in tonnes from AWT in NSW, 2008–09 to 2012–13**



Note: The manner in which councils reported recovery by an AWT facility varied. Refer to Appendix 10.

## 7. Disposal to landfill

In addition to the residual waste collected from the kerbside services, contaminants from recyclable materials and organics collected from kerbside, drop off and clean-up services are disposed of to landfill.

In 2012–13, 1,857,635 tonnes of domestic waste were disposed of to landfill. The SMA councils disposed of 45% or 847,341 tonnes of domestic waste followed by 429,714 tonnes disposed of by ERA councils.

**Table 25: Total tonnes disposed of to landfill from each waste stream in NSW, 2012–13**

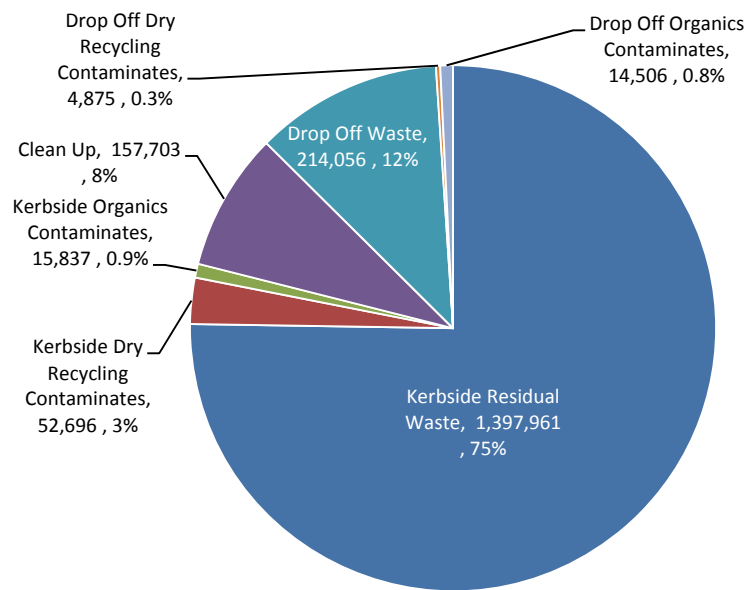
Region	Kerbside			Drop off			Clean up	Total
	Residual waste <sup>33</sup>	Recyc- lable mater- ials	Organics	Residual waste	Recyc- lable mater- ials	Organics		
<b>NSW</b>	<b>1,397,961</b>	<b>52,696</b>	<b>15,837</b>	<b>214,056</b>	<b>4,875</b>	<b>14,506</b>	<b>157,703</b>	<b>1,857,635</b>
<b>SMA</b>	700,767	29,173	9,691	866	200	–	106,644	847,341
<b>ERA</b>	327,406	8,531	893	58,540	125	4,605	29,614	429,714
<b>RRA</b>	140,658	5,529	2,555	55,420	687	1,140	9,007	214,996
<b>Rest of the state</b>	229,130	9,463	2,699	99,230	3,862	8,761	12,438	365,583

Note: Due to rounding totals may not add up.

Figure 28 presents the breakdown of domestic waste disposed of to landfill by councils across NSW. Around three-quarters is residual waste collected from kerbside services provided by 151 councils across NSW. Contaminates from kerbside dry recycling, organics collection and drop off facilities constitute 5% or 87,914 tonnes of the total amount disposed of.

<sup>33</sup> Excludes recovery from AWT facilities

**Figure 28: Total domestic waste disposed of to landfill in NSW, 2012–13**

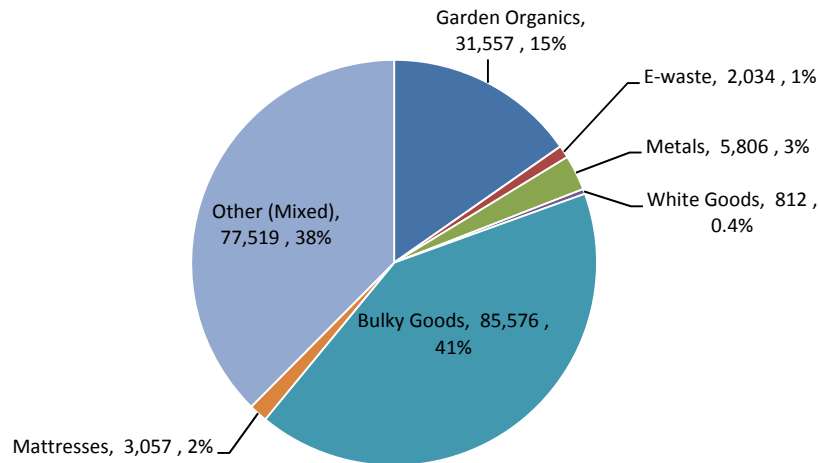




## 8. Kerbside clean-up services

In 2012–13, 206,360 tonnes of materials were collected from council kerbside clean-up services. Of the total collected, bulky goods and other (commingled) items made up most of the amount at 41% (85,576 tonnes) and 38% (77,519 tonnes) respectively, followed by garden organics at 15% (31,557 tonnes).

**Figure 29: Materials collected from kerbside clean-up services in NSW, 2012–13.**



Eighty-nine councils provided kerbside clean-up services and access to services varied across NSW. All 38 councils in the SMA, 11 councils (85%) in the ERA, 15 councils (71%) in the RRA and 25 councils (31%) in the rest of the state provided this service.

In 2012–13, out of the 206,360 tonnes collected from kerbside clean-up services, 48,656 tonnes were recycled and 157,703 tonnes went to landfill. The overall kerbside clean up recycling rate across NSW was similar to the previous year's rate at 24%.

**Table 26: Kerbside clean-up materials collected, recovered and disposed of in NSW, 2012–13**

Material category	Collected	Recovered	Disposed of	Recycling rate (%)
Garden organic waste	31,557	26,674	4,883	85%
E-waste	2,034	1,942	92	96%
Metals	5,806	5,765	41	99%
Mattresses	3,057	2,927	129	96%
White goods	812	812	-	100%
Bulky goods	85,576	5,559	80,016	6%
Other (commingled)	77,519	4,977	72,542	6%
<b>Total</b>	<b>206,360</b>	<b>48,656</b>	<b>157,703</b>	<b>24%</b>

Almost the entire amount or most e-waste, metals, white goods and mattresses collected from council clean-up services were recycled. Eighty-five percent or 26,674 tonnes of garden organic waste were recovered from clean-up services. However, most bulky goods and other commingled materials collected were disposed of to landfill.

**Table 27: Kerbside clean up materials collected, recovered and disposed of from regions, NSW 2012–13**

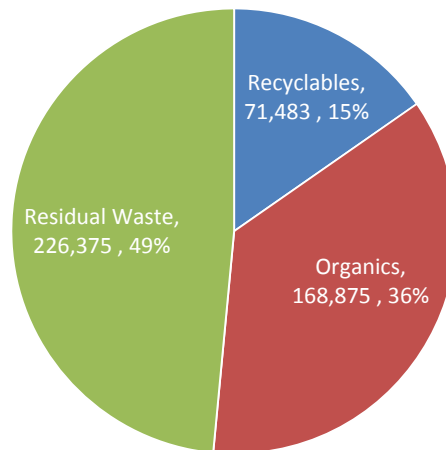
Region	No. of councils	Collected	Recovered	Disposed of	Recycling rate (%)
<b>NSW</b>	<b>83</b>	<b>206,360</b>	<b>48,656</b>	<b>157,703</b>	<b>24%</b>
<b>SMA</b>	38	137,588	30,944	106,644	22%
<b>ERA</b>	11	37,210	7,596	29,614	20%
<b>RRA</b>	15	17,764	8,757	9,007	49%
<b>Rest of the state</b>	25	13,797	1,359	12,438	10%

The 38 councils in the SMA region collected 67% or 137,588 tonnes of materials from kerbside clean up services. However, only 22% or 30,944 tonnes were reported recovered. The councils in the RRA region had the highest recycling rate at 49%, but all the other regions' recycling rates were below the state average.

## 9. Drop off facilities

In 2012–13, 466,733 tonnes of material were collected from 117<sup>34</sup> reporting councils. The service was accessible to 72% of all households and 70% of the entire population in NSW. Residual waste comprised 49% or 226,375 tonnes of the total amount collected, followed by organics at 36% or 168,875 tonnes, and recyclable materials at 15%.

**Figure 30: Drop off materials collected by waste stream, NSW 2012–13**



Access to service and quantity varied across NSW. All councils in the ERA and RRA regions continued to provide drop off services to their residents. The 66 reporting councils from the rest of the state collected the most recyclable materials and waste and the 17 SMA councils collected the least amount.

The overall recycling rate for drop off facilities across NSW was 51%. The SMA councils reported a higher rate at 96%, but the rest of the regions recycled around 50% (and below) of the collected amount.

**Table 28: Drop off materials collected, recovered and disposed of in NSW, 2012–13**

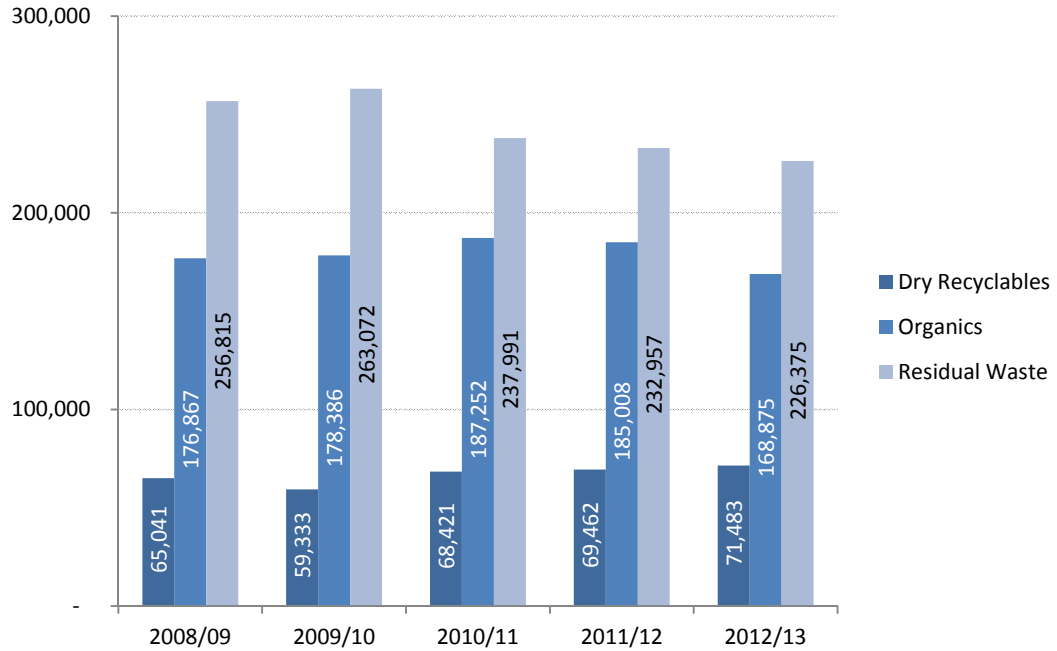
Region	No. of councils	Collected	Recovered	Disposed of	Recycling rate (%)
NSW	117	466,733	233,296	233,437	51%
SMA	17	24,528	23,461	1,066	96%
ERA	13	126,554	63,284	63,270	51%
RRA	21	121,762	64,515	57,247	53%
Rest of the state	66	193,889	82,036	111,853	47%

Figure 31 presents the collected tonnages from drop off facilities from all waste streams. In 2012–13, the amount of residual waste dropped off continued to slide to 226,375 tonnes, a drop of around 30,000 tonnes or 12% compared to 2008–09. The amount of dry recyclable materials dropped off continued to rise for the past three

<sup>34</sup> 124 councils provided service

years, reaching 71,483 tonnes in 2012–13, although the collection of organics dropped by around 16,000 tonnes compared with the previous year.

**Figure 31: Total drop off tonnages collected in NSW, 2008–09 to 2012–13.**



## Appendices

### Appendix 1: Domestic waste and recycling services 2012–13

ABS	Council name	Region	DLG group	Population ABS (April 2013)	Number of individual households	Data supplied	Residual waste service	Residual waste to AWT	Recycling service	Organics service	Clean up service	Drop off facility
60	Albury	N	4	49,645	21,695	Y	Y	N	Y	Y	N	Y
110	Armidale Dumaresq	N	4	25,379	9,848	Y	Y	N	Y	Y	N	Y
150	Ashfield	S	2	43,786	15,218	Y	Y	N	Y	Y	Y	N
200	Auburn	S	2	80,892	26,886	Y	Y	N	Y	Y	Y	N
250	Ballina	R	4	40,993	16,928	Y	Y	N	Y	Y	N	Y
300	Balranald	N	9	2,350	1,621	Y	Y	N	N	N	N	Y
350	Bankstown	S	3	193,085	63,116	Y	Y	N	Y	Y	Y	N
470	Bathurst	N	4	40,209	17,897	Y	Y	N	Y	N	N	Y
500	Hills Shire	S	7	180,094	62,231	Y	Y	N	Y	Y	Y	N
550	Bega Valley	N	4	33,112	16,752	Y	Y	N	Y	Y	N	Y
600	Bellingen	R	11	12,775	5,092	Y	Y	Y	Y	Y	Y	Y
650	Berrigan	N	10	8,318	4,120	Y	Y	N	Y	N	N	Y
750	Blacktown	S	3	317,575	102,195	Y	Y	Y	Y	N	Y	N
800	Bland	N	10	6,049	3,663	Y	Y	N	N	N	N	Y
850	Blayney	N	10	7,241	3,756	Y	Y	N	Y	N	Y	Y
900	Blue Mountains	R	7	78,489	34,468	Y	Y	N	Y	N	Y	Y
950	Bogan	N	9	3,036	1,948	Y	Y	N	Y	N	N	N
1000	Bombala	N	9	2,397	1,383	Y	Y	N	Y	N	N	Y
1050	Boorowa	N	9	2,514	646	Y	Y	N	Y	N	N	Y

ABS	Council name	Region	DLG group	Population ABS (April 2013)	Number of individual households	Data supplied	Residual waste service	Residual waste to AWT	Recycling service	Organics service	Clean up service	Drop off facility
1100	Botany Bay	S	2	42,467	14,272	Y	Y	N	Y	Y	Y	Y
1150	Bourke	N	9	3,058	1,007	Y	Y	N	N	N	Y	N
1200	Brewarrina	N	9	1,893	511	Y	Y	N	N	N	N	Y
1250	Broken Hill	N	4	19,067	9,976	Y	Y	N	N	Y	N	Y
1300	Burwood	S	2	34,781	11,282	Y	Y	N	Y	Y	Y	N
1350	Byron	R	4	31,059	13,943	Y	Y	N	Y	N	N	Y
1400	Cabonne	N	11	13,451	7,215	Y	Y	N	Y	N	Y	Y
1450	Camden	S	6	60,451	19,157	Y	Y	Y	Y	Y	Y	N
1500	Campbelltown	S	7	152,584	52,513	Y	Y	Y	Y	Y	Y	Y
1520	Canada Bay	S	2	81,997	33,634	Y	Y	Y	Y	Y	Y	N
1550	Canterbury	S	3	146,314	49,846	Y	Y	N	Y	Y	Y	N
1600	Carrathool	N	9	2,686	1,769	Y	Y	N	N	N	N	N
1700	Central Darling	N	9	2,133	1,992	Y	Y	N	N	N	N	Y
1720	Cessnock	E	4	53,270	24,786	Y	Y	N	Y	N	N	Y
1730	Clarence Valley	R	4	51,285	24,100	Y	Y	N	Y	Y	Y	Y
1750	Cobar	N	10	4,946	2,819	Y	Y	N	N	N	N	Y
1800	Coffs Harbour	R	4	70,916	32,187	Y	Y	Y	Y	Y	Y	Y
1860	Conargo	N	8	1,576	733	Y	N	N	N	N	N	Y
2000	Coolamon	N	9	4,264	2,380	Y	Y	N	Y	Y	N	N
2060	Cooma-Monaro	N	10	10,114	4,925	Y	Y	N	Y	Y	N	Y
2150	Coonamble	N	9	4,281	1,536	Y	Y	N	N	N	N	Y
2200	Cootamundra	N	10	7,571	3,239	Y	Y	N	Y	N	N	Y

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ABS	Council name	Region	DLG group	Population ABS (April 2013)	Number of individual households	Data supplied	Residual waste service	Residual waste to AWT	Recycling service	Organics service	Clean up service	Drop off facility
2310	Corowa	N	11	11,355	4,951	Y	Y	N	Y	N	N	Y
2350	Cowra	N	11	12,619	4,282	Y	Y	N	Y	N	N	Y
2500	Deniliquin	N	4	7,338	3,841	Y	Y	N	N	N	Y	Y
2600	Dubbo	N	4	40,822	15,896	Y	Y	N	Y	N	Y	Y
2700	Dungog	R	10	8,683	3,610	Y	Y	N	Y	N	Y	Y
2750	Eurobodalla	N	4	36,940	24,025	Y	Y	N	Y	Y	Y	Y
2850	Fairfield	S	3	198,381	56,176	Y	Y	Y	Y	N	Y	Y
2900	Forbes	N	10	9,523	4,175	Y	Y	N	Y	N	Y	Y
2950	Gilgandra	N	9	4,494	1,322	Y	Y	N	Y	N	N	Y
3020	Glen Innes Severn	N	6	8,931	3,990	Y	Y	N	Y	N	N	Y
3050	Gloucester	R	9	4,996	3,315	Y	Y	N	Y	Y	N	Y
3100	Gosford	E	7	168,807	65,514	Y	Y	N	Y	Y	Y	Y
3310	Goulburn Mulwarree	N	4	28,628	10,416	Y	Y	N	Y	Y	Y	Y
3350	Greater Taree	R	4	48,188	21,794	Y	Y	N	Y	Y	Y	Y
3370	Greater Hume	N	11	10,099	6,345	Y	Y	N	Y	N	N	N
3400	Great Lakes	R	4	35,777	21,310	Y	Y	N	Y	Y	Y	Y
3450	Griffith City	N	4	25,372	8,341	Y	Y	N	Y	N	N	Y
3500	Gundagai	N	9	3,752	1,144	Y	Y	N	Y	N	N	Y
3550	Gunnedah	N	11	12,588	4,466	Y	Y	N	Y	Y	N	Y
3650	Guyra	N	9	4,573	1,614	Y	Y	N	Y	N	N	Y
3660	Gwydir	N	10	5,080	2,502	Y	Y	N	Y	N	Y	Y
3700	Harden	N	9	3,695	1,682	Y	Y	N	Y	Y	N	Y

ABS	Council name	Region	DLG group	Population ABS (April 2013)	Number of individual households	Data supplied	Residual waste service	Residual waste to AWT	Recycling service	Organics service	Clean up service	Drop off facility
3750	Port Macquarie - Hastings	R	4	75,693	30,000	Y	Y	N	Y	Y	Y	Y
3800	Hawkesbury	E	6	64,440	23,720	Y	Y	N	Y	N	Y	Y
3850	Hay	N	9	3,013	1,560	Y	Y	N	N	N	N	Y
3950	Holroyd	S	3	105,772	36,351	Y	Y	Y	Y	N	Y	Y
4000	Hornsby	S	7	165,091	54,625	Y	Y	N	Y	Y	Y	Y
4100	Hunters Hill	S	2	14,115	5,012	Y	Y	Y	Y	Y	Y	N
4150	Hurstville	S	3	83,386	29,769	Y	Y	N	Y	Y	Y	Y
4200	Inverell	N	11	16,682	7,780	Y	Y	N	Y	N	N	Y
4250	Jerilderie	N	8	1,521	523	Y	Y	N	N	N	N	Y
4300	Junee	N	10	6,083	1,678	Y	Y	N	Y	N	Y	Y
4350	Kempsey	R	4	29,244	11,232	Y	Y	N	Y	Y	N	Y
4400	Kiama	E	4	20,843	9,337	Y	Y	N	Y	Y	Y	Y
4450	Kogarah	S	2	59,774	20,860	Y	Y	N	Y	Y	Y	N
4500	Ku-ring-gai	S	3	116,569	40,887	Y	Y	N	Y	Y	Y	N
4550	Kyogle	R	10	9,520	4,037	Y	Y	N	Y	N	N	Y
4600	Lachlan	N	10	6,789	2,685	Y	Y	N	N	Y	N	Y
4650	Lake Macquarie	E	5	197,338	75,787	Y	Y	N	Y	Y	Y	Y
4700	Lane Cove	S	2	33,673	12,832	Y	Y	N	Y	Y	Y	N
4750	Leeton	N	11	11,492	4,828	Y	Y	N	Y	N	Y	Y
4800	Leichhardt	S	2	56,288	24,628	Y	Y	N	Y	Y	Y	Y
4850	Lismore	R	4	44,396	18,467	Y	Y	N	Y	Y	Y	Y
4880	Lithgow	N	4	20,938	9,030	Y	Y	N	Y	N	Y	N



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ABS	Council name	Region	DLG group	Population ABS (April 2013)	Number of individual households	Data supplied	Residual waste service	Residual waste to AWT	Recycling service	Organics service	Clean up service	Drop off facility
4900	Liverpool	S	7	191,142	56,470	Y	Y	Y	Y	Y	Y	Y
4920	Liverpool Plains	N	10	7,788	2,887	Y	Y	N	Y	N	Y	Y
4950	Lockhart	N	9	3,064	1,282	Y	Y	N	Y	N	Y	Y
5050	Maitland	E	4	71,547	27,344	Y	Y	N	Y	N	N	Y
5150	Manly	S	2	43,059	18,650	Y	Y	N	Y	Y	Y	Y
5200	Marrickville	S	3	82,021	33,377	Y	Y	N	Y	Y	Y	Y
5270	Mid-Western	N	4	23,461	12,133	Y	Y	N	Y	N	N	Y
5300	Moree Plains	N	11	14,286	6,718	Y	Y	N	Y	N	Y	Y
5350	Mosman	S	2	29,716	13,051	Y	Y	N	Y	Y	Y	Y
5500	Murray	N	10	7,284	4,552	Y	Y	N	Y	N	N	Y
5550	Murrumbidgee	N	9	2,402	882	Y	Y	N	Y	N	N	N
5650	Muswellbrook	R	11	16,679	7,508	Y	Y	N	Y	Y	Y	Y
5700	Nambucca	R	11	19,362	8,521	Y	Y	Y	Y	Y	Y	Y
5750	Narrabri	N	11	13,564	5,443	Y	Y	N	Y	N	N	Y
5800	Narrandera	N	10	6,076	3,349	Y	Y	N	Y	N	N	Y
5850	Narromine	N	10	6,945	3,102	Y	Y	N	Y	N	Y	Y
5900	Newcastle	E	5	156,533	60,816	Y	Y	N	Y	Y	Y	Y
5950	North Sydney	S	2	67,977	33,099	Y	Y	Y	Y	Y	Y	N
6110	Oberon	N	10	5,209	1,152	Y	Y	N	N	N	N	Y
6150	Orange	N	4	40,149	16,574	Y	Y	N	Y	N	Y	Y
6180	Palerang	N	11	15,053	7,864	Y	Y	N	Y	N	N	Y
6200	Parkes	N	11	15,148	6,218	Y	Y	N	Y	N	Y	Y

ABS	Council name	Region	DLG group	Population ABS (April 2013)	Number of individual households	Data supplied	Residual waste service	Residual waste to AWT	Recycling service	Organics service	Clean up service	Drop off facility
6250	Parramatta	S	3	178,226	65,000	Y	Y	Y	Y	Y	Y	N
6350	Penrith	S	7	186,937	65,995	Y	Y	Y	Y	Y	Y	N
6370	Pittwater	S	2	60,974	22,836	Y	Y	N	Y	Y	Y	Y
6400	Port Stephens	E	4	67,746	29,994	Y	Y	Y	Y	N	Y	Y
6470	Queanbeyan	N	4	40,026	16,195	Y	Y	N	Y	Y	Y	Y
6550	Randwick	S	3	139,260	56,996	Y	Y	Y	Y	Y	Y	Y
6610	Richmond Valley	R	4	22,671	7,317	Y	Y	N	Y	Y	N	Y
6650	Rockdale	S	3	104,529	36,534	Y	Y	Y	Y	N	Y	Y
6700	Ryde	S	3	110,390	40,315	Y	Y	N	Y	Y	Y	N
6900	Shellharbour	E	4	66,597	26,682	Y	Y	N	Y	Y	Y	Y
6950	Shoalhaven	E	5	96,717	52,525	Y	Y	N	Y	N	Y	Y
7000	Singleton	R	4	23,705	9,516	Y	Y	N	Y	N	Y	Y
7050	Snowy River	N	10	7,894	4,453	Y	Y	N	Y	N	N	Y
7100	Strathfield	S	2	37,547	12,045	Y	Y	N	Y	Y	Y	N
7150	Sutherland	S	3	220,534	82,470	Y	Y	N	Y	Y	Y	Y
7210	Sydney	S	1	187,679	92,880	Y	Y	Y	Y	Y	Y	Y
7310	Tamworth Regional	N	4	59,016	22,783	Y	Y	N	Y	Y	Y	Y
7350	Temora	N	10	5,941	2,790	Y	Y	N	N	N	Y	Y
7400	Tenterfield	N	10	7,027	4,707	Y	Y	N	N	N	N	Y
7450	Tumbarumba	N	9	3,471	1,900	Y	Y	N	Y	N	N	Y
7510	Tumut	N	11	11,284	4,214	Y	Y	N	Y	N	N	Y
7550	Tweed	R	5	88,848	40,084	Y	Y	N	Y	Y	Y	Y

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ABS	Council name	Region	DLG group	Population ABS (April 2013)	Number of individual households	Data supplied	Residual waste service	Residual waste to AWT	Recycling service	Organics service	Clean up service	Drop off facility
7620	Upper Hunter	R	11	14,502	6,686	Y	Y	N	Y	N	Y	Y
7640	Upper Lachlan	N	10	7,499	2,700	Y	Y	N	Y	N	N	Y
7650	Uralla	N	10	6,297	2,542	Y	Y	N	Y	Y	Y	Y
7700	Urana Shire	N	8	1,174	660	Y	Y	N	N	N	Y	Y
7750	Wagga Wagga	N	4	61,441	23,517	Y	Y	N	Y	Y	N	Y
7800	Wakool	N	9	4,038	1,741	Y	Y	N	Y	N	N	Y
7850	Walcha	N	9	3,090	730	Y	Y	N	Y	Y	N	Y
7900	Walgett	N	10	6,858	3,638	Y	Y	N	N	N	N	Y
7950	Warren Shire	N	9	2,914	1,100	Y	Y	N	N	N	N	Y
8000	Warringah	S	3	149,378	52,303	Y	Y	N	Y	Y	Y	Y
8020	Warrumbungle	N	11	9,857	5,605	Y	Y	N	Y	N	N	Y
8050	Waverley	S	2	69,264	29,690	Y	Y	N	Y	Y	Y	N
8100	Weddin	N	9	3,703	2,441	Y	Y	N	Y	N	N	Y
8150	Wellington	N	10	8,919	3,810	Y	Y	N	N	N	Y	Y
8200	Wentworth	N	10	6,767	2,779	Y	Y	N	N	N	N	Y
8250	Willoughby	S	2	72,400	28,183	Y	Y	Y	Y	Y	Y	N
8350	Wingecarribee	E	4	46,308	22,501	Y	Y	Y	Y	N	Y	Y
8400	Wollondilly	R	6	45,093	14,802	Y	Y	Y	Y	Y	Y	Y
8450	Wollongong	E	5	202,062	76,934	Y	Y	N	Y	Y	Y	Y
8500	Woollahra	S	2	56,962	26,162	Y	Y	N	Y	Y	Y	N
8550	Wyong	E	7	155,342	60,007	Y	Y	N	Y	Y	Y	Y
8710	Yass	N	11	15,873	6,960	Y	Y	N	Y	N	Y	Y

ABS	Council name	Region	DLG group	Population ABS (April 2013)	Number of individual households	Data supplied	Residual waste service	Residual waste to AWT	Recycling service	Organics service	Clean up service	Drop off facility
8750	Young	N	11	12,590	6,632	Y	Y	N	Y	N	N	Y
	<b>Total</b>			<b>7,289,219</b>	<b>2,830,970</b>							
	<b>Total count</b>					<b>152</b>	<b>151</b>	<b>21</b>	<b>130</b>	<b>72</b>	<b>89</b>	<b>124</b>

Under 'Region', S = Sydney Metropolitan Area (SMA); E = Extended Regulated Area (ERA); R = Regional Regulated Area (RRA); N = Rest of the state.

## Appendix 2: Total generation, recovery rates and averages

### Total domestic generation and recycling rates

Stream	Collected	Recovered	Disposed of	Recycling rate (%)
<b>Recyclables</b>	<b>781,933</b>	<b>724,099</b>	<b>57,833</b>	<b>92.6%</b>
SMA	393,105	363,576	29,529	92.5%
ERA	161,530	152,861	8,669	94.6%
RRA	104,665	98,441	6,224	94.1%
Rest of the state	122,633	109,222	13,412	89.1%
<b>Organics</b>	<b>667,416</b>	<b>632,190</b>	<b>35,226</b>	<b>94.7%</b>
SMA	321,066	311,375	9,691	97.0%
ERA	137,605	132,107	5,498	96.0%
RRA	115,584	111,889	3,695	96.8%
Rest of the state	93,160	76,818	16,343	82.5%
<b>Residual waste</b>	<b>2,023,643</b>	<b>259,068</b>	<b>1,764,575</b>	<b>12.8%</b>
SMA	1,025,007	216,885	808,122	21.2%
ERA	435,846	20,299	415,547	4.7%
RRA	223,426	18,348	205,078	8.2%
Rest of the state	339,364	3,536	335,829	1.0%
<b>Total generation</b>	<b>3,472,992</b>	<b>1,615,357</b>	<b>1,857,635</b>	<b>46.5%</b>

SMA = Sydney Metropolitan Area; ERA = Extended Regulated Area; RRA = Regional Regulated Area

### Household and population figures

	NSW	SMA	ERA	RRA	Rest of the state
<b>Councils</b>	<b>152</b>	38	13	21	80
<b>Population</b>	<b>7,289,219</b>	4,155,070	1,367,550	772,874	993,725
<b>Household</b>	<b>2,830,970</b>	1,497,546	555,947	334,917	442,560
<b>Total domestic generation and averages</b>					
<b>Recyclables</b>					
Kerbside	698,742	382,616	141,218	83,899	91,009
Drop off	71,483	3,062	18,339	19,263	30,820
Clean up	11,708	7,427	1,973	1,503	805
<b>Total recyclables</b>	<b>781,933</b>	<b>393,105</b>	<b>161,530</b>	<b>104,665</b>	<b>127,893</b>
kg/capita/yr	107.3	94.6	118.1	135.4	123.4
kg/capita/wk	2.1	1.8	2.3	2.6	2.4
kg/ household/yr	276.2	262.5	290.5	312.5	277.1
kg/ household/wk	5.3	5.0	5.6	6.0	5.3
<b>Organics</b>					
Kerbside	466,984	286,035	86,059	67,556	27,334
Drop off	168,875	20,600	46,654	41,162	60,459
Clean up	31,557	14,431	4,892	6,866	5,367
<b>Total organics</b>	<b>667,416</b>	<b>321,066</b>	<b>137,605</b>	<b>115,584</b>	<b>93,160</b>

	NSW	SMA	ERA	RRA	Rest of the state
kg/capita/yr	91.6	77.3	100.6	149.6	93.7
kg/capita/wk	1.8	1.5	1.9	2.9	1.8
kg/household/yr	235.8	214.4	247.5	345.1	210.5
kg/household/wk	4.5	4.1	4.8	6.6	4.0
<b>Total recyclables collected</b>	<b>1,449,349</b>	<b>714,171</b>	<b>299,135</b>	<b>220,249</b>	<b>215,794</b>
kg/capita/yr	198.8	171.9	218.7	285.0	217.2
kg/capita/wk	3.8	3.3	4.2	5.5	4.2
kg/household/yr	512.0	476.9	538.1	657.6	487.6
kg/household/wk	9.8	9.2	10.3	12.6	9.4
<b>Residual waste</b>					
Kerbside	1,634,173	908,411	343,939	152,693	229,130
Drop off	226,375	866	61,562	61,337	102,609
Clean up	163,095	115,730	30,345	9,395	7,625
<b>Total residual waste</b>	<b>2,023,643</b>	<b>1,025,007</b>	<b>435,846</b>	<b>223,426</b>	<b>339,364</b>
kg/capita/yr	277.6	246.7	318.7	289.1	341.5
kg/capita/wk	5.3	4.7	6.1	5.6	6.6
kg/household/yr	714.8	684.5	784.0	667.1	766.8
kg/household/wk	13.7	13.2	15.1	12.8	14.7
<b>Total generation</b>	<b>3,472,992</b>	<b>1,739,179</b>	<b>734,981</b>	<b>443,674</b>	<b>555,158</b>
kg/capita/yr	476.5	418.6	537.4	574.1	558.7
kg/capita/wk	9.2	8.0	10.3	11.0	10.7
kg/household/yr	1,226.8	1,161.4	1,322.0	1,324.7	1,254.4
kg/household/wk	23.6	22.3	25.4	25.5	24.1

### Appendix 3: Total domestic generation and recycling rates 2012–13

See Excel file: Appendix 3.xlsx

### Appendix 4: Total domestic diversion rates 2012–13

ABS	Council name	Region	DLG group	Recyclables collected	Disposed of to landfill	Total generation	Diversion rate (%)
60	Albury	N	4	13,494	16,249	29,743	45.4%
110	Armidale Dumaresq	N	4	7,929	8,048	15,977	49.6%
150	Ashfield	S	2	5,916	10,759	16,675	35.5%
200	Auburn	S	2	11,884	21,538	33,422	35.6%
250	Ballina	R	4	14,311	9,144	23,455	61.0%
300	Balranald	N	9	470	548	1,018	46.2%
350	Bankstown	S	3	36,562	50,045	86,607	42.2%
470	Bathurst	N	4	7,721	24,044	31,765	24.3%
500	Baulkham	S	7	38,604	44,300	82,904	46.6%

ABS	Council name	Region	DLG group	Recyclables collected	Disposed of to landfill	Total generation	Diversion rate (%)
	Hills						
550	Bega Valley	N	4	10,469	14,195	24,664	42.4%
600	Bellingen	R	11	3,470	863	4,333	80.1%
650	Berrigan	N	10	2,040	1,864	3,904	52.2%
750	Blacktown	S	3	80,648	49,101	129,749	62.2%
800	Bland	N	10	445	1,555	2,000	22.3%
850	Blayney	N	10	1,957	5,621	7,578	25.8%
900	Blue Mountains	R	7	22,411	27,302	49,712	45.1%
950	Bogan	N	9	146	863	1,009	14.5%
1000	Bombala	N	9	386	1,549	1,935	20.0%
1050	Boorowa	N	9	146	594	740	19.7%
1100	Botany Bay	S	2	5,368	12,078	17,446	30.8%
1150	Bourke	N	9	131	500	631	20.8%
1200	Brewarrina	N	9	–	300	300	0.0%
1250	Broken Hill	N	4	5,038	11,748	16,786	30.0%
1300	Burwood	S	2	5,121	8,033	13,153	38.9%
1350	Byron	R	4	8,492	10,147	18,639	45.6%
1400	Cabonne	N	11	1,974	7,518	9,492	20.8%
1450	Camden	S	6	21,647	7,393	29,040	74.5%
1500	Campbelltown	S	7	46,945	21,860	68,805	68.2%
1520	Canada Bay	S	2	15,861	16,391	32,253	49.2%
1550	Canterbury	S	3	22,861	38,816	61,677	37.1%
1600	Carrathool	N	9	–	400	400	0.0%
1700	Central Darling	N	9	–	900	900	0.0%
1720	Cessnock	E	4	8,134	24,448	32,582	25.0%
1730	Clarence Valley	R	4	17,872	11,960	29,832	59.9%
1750	Cobar	N	10	72	1,477	1,549	4.6%
1800	Coffs Harbour	R	4	30,008	10,356	40,364	74.3%
1860	Conargo	N	8	183	946	1,129	16.2%
2000	Coolamon	N	9	361	716	1,078	33.5%
2060	Cooma-Monaro	N	10	1,742	3,777	5,519	31.6%
2150	Coonamble	N	9	700	3,700	4,400	15.9%
2200	Cootamundra	N	10	4,197	3,871	8,068	52.0%
2310	Corowa	N	11	2,135	9,661	11,796	18.1%
2350	Cowra	N	11	1,125	5,317	6,442	17.5%
2500	Deniliquin	N	4	1,003	3,768	4,771	21.0%
2600	Dubbo	N	4	3,761	13,379	17,140	21.9%
2700	Dungog	R	10	1,633	1,993	3,626	45.0%

ABS	Council name	Region	DLG group	Recyclables collected	Disposed of to landfill	Total generation	Diversion rate (%)
2750	Eurobodalla	N	4	14,436	10,890	25,325	57.0%
2850	Fairfield	S	3	46,607	39,334	85,941	54.2%
2900	Forbes	N	10	3,169	10,125	13,294	23.8%
2950	Gilgandra	N	9	333	659	992	33.6%
3020	Glen Innes Severn	N	6	2,516	2,400	4,916	51.2%
3050	Gloucester	R	9	2,273	4,214	6,487	35.0%
3100	Gosford	E	7	42,032	47,614	89,646	46.9%
3310	Goulburn Mulwarree	N	4	7,221	8,455	15,675	46.1%
3350	Greater Taree	R	4	12,755	14,071	26,826	47.5%
3370	Greater Hume	N	11	830	2,296	3,126	26.6%
3400	Great Lakes	R	4	15,285	12,967	28,252	54.1%
3450	Griffith City	N	4	2,062	8,654	10,716	19.2%
3500	Gundagai	N	9	390	738	1,128	34.6%
3550	Gunnedah	N	11	5,456	4,899	10,355	52.7%
3650	Guyra	N	9	464	573	1,037	44.8%
3660	Gwydir	N	10	1,036	1,369	2,405	43.1%
3700	Harden	N	9	886	931	1,817	48.8%
3750	Port Macquarie– Hastings	R	4	28,662	22,553	51,215	56.0%
3800	Hawkesbury	E	6	8,744	23,416	32,160	27.2%
3850	Hay	N	9	133	1,900	2,033	6.5%
3950	Holroyd	S	3	27,528	18,576	46,104	59.7%
4000	Hornsby	S	7	37,724	37,207	74,931	50.3%
4100	Hunters Hill	S	2	3,749	1,625	5,374	69.8%
4150	Hurstville	S	3	15,943	20,066	36,008	44.3%
4200	Inverell	N	11	3,150	3,650	6,800	46.3%
4250	Jerilderie	N	8	–	75	75	0.0%
4300	Junee	N	10	718	1,138	1,856	38.7%
4350	Kempsey	R	4	6,101	11,941	18,042	33.8%
4400	Kiama	E	4	6,725	4,282	11,007	61.1%
4450	Kogarah	S	2	10,372	14,683	25,055	41.4%
4500	Ku-ring-gai	S	3	34,270	25,291	59,561	57.5%
4550	Kyogle	R	10	1,590	1,745	3,334	47.7%
4600	Lachlan	N	10	500	2,500	3,000	16.7%
4650	Lake Macquarie	E	5	26,108	70,751	96,859	27.0%
4700	Lane Cove	S	2	7,831	6,675	14,506	54.0%
4750	Leeton	N	11	1,252	2,575	3,827	32.7%
4800	Leichhardt	S	2	8,782	12,684	21,466	40.9%



ABS	Council name	Region	DLG group	Recyclables collected	Disposed of to landfill	Total generation	Diversion rate (%)
4850	Lismore	R	4	14,872	8,670	23,541	63.2%
4880	Lithgow	N	4	668	7,284	7,952	8.4%
4900	Liverpool	S	7	54,064	23,821	77,885	69.4%
4920	Liverpool Plains	N	10	1,810	1,530	3,340	54.2%
4950	Lockhart	N	9	370	631	1,001	37.0%
5050	Maitland	E	4	11,968	38,765	50,732	23.6%
5150	Manly	S	2	9,707	8,631	18,338	52.9%
5200	Marrickville	S	3	13,197	18,537	31,734	41.6%
5270	Mid-Western	N	4	4,908	12,088	16,996	28.9%
5300	Moree Plains	N	11	4,721	5,062	9,783	48.3%
5350	Mosman	S	2	5,867	6,579	12,446	47.1%
5500	Murray	N	10	1,058	2,585	3,643	29.1%
5550	Murrumbidgee	N	9	178	848	1,026	17.3%
5650	Muswellbrook	R	11	5,825	6,055	11,879	49.0%
5700	Nambucca	R	11	7,128	4,085	11,213	63.6%
5750	Narrabri	N	11	1,481	10,726	12,207	12.1%
5800	Narrandera	N	10	630	2,151	2,781	22.7%
5850	Narromine	N	10	428	1,234	1,662	25.8%
5900	Newcastle	E	5	33,446	46,038	79,484	42.1%
5950	North Sydney	S	2	15,394	7,204	22,598	68.1%
6110	Oberon	N	10	41	504	545	7.4%
6150	Orange	N	4	11,819	16,098	27,918	42.3%
6180	Palerang	N	11	1,703	4,651	6,354	26.8%
6200	Parkes	N	11	5,829	13,309	19,138	30.5%
6250	Parramatta	S	3	26,238	40,484	66,722	39.3%
6350	Penrith	S	7	55,031	31,931	86,962	63.3%
6370	Pittwater	S	2	23,161	14,231	37,392	61.9%
6400	Port Stephens	E	4	22,425	18,408	40,834	54.9%
6470	Queanbeyan	N	4	7,804	8,704	16,508	47.3%
6550	Randwick	S	3	24,758	26,251	51,009	48.5%
6610	Richmond Valley	R	4	4,412	6,797	11,209	39.4%
6650	Rockdale	S	3	19,938	29,262	49,200	40.5%
6700	Ryde	S	3	20,629	25,425	46,054	44.8%
6900	Shellharbour	E	4	18,561	22,111	40,672	45.6%
6950	Shoalhaven	E	5	28,425	33,120	61,545	46.2%
7000	Singleton	R	4	3,581	9,974	13,555	26.4%
7050	Snowy River	N	10	2,882	1,734	4,616	62.4%
7100	Strathfield	S	2	5,389	8,277	13,666	39.4%
7150	Sutherland	S	3	54,781	51,615	106,395	51.5%

ABS	Council name	Region	DLG group	Recyclables collected	Disposed of to landfill	Total generation	Diversion rate (%)
7210	Sydney	S	1	39,783	22,915	62,697	63.5%
7310	Tamworth Regional	N	4	16,562	22,935	39,497	41.9%
7350	Temora	N	10	748	3,569	4,317	17.3%
7400	Tenterfield	N	10	1,200	4,486	5,686	21.1%
7450	Tumbarumba	N	9	348	1,321	1,669	20.9%
7510	Tumut	N	11	3,661	2,593	6,254	58.5%
7550	Tweed	R	5	15,147	23,851	38,998	38.8%
7620	Upper Hunter	R	11	3,694	15,436	19,130	19.3%
7640	Upper Lachlan	N	10	520	1,722	2,242	23.2%
7650	Uralla	N	10	2,657	2,899	5,556	47.8%
7700	Urana Shire	N	8	11	571	582	1.9%
7750	Wagga Wagga	N	4	22,550	13,080	35,630	63.3%
7800	Wakool	N	9	672	662	1,333	50.4%
7850	Walcha	N	9	481	698	1,179	40.8%
7900	Walgett	N	10	300	1,102	1,402	21.4%
7950	Warren Shire	N	9	5	618	623	0.8%
8000	Warringah	S	3	37,124	32,914	70,038	53.0%
8020	Warrumbungle	N	11	1,189	2,939	4,128	28.8%
8050	Waverley	S	2	10,877	16,283	27,160	40.0%
8100	Weddin	N	9	208	647	855	24.3%
8150	Wellington	N	10	517	3,680	4,197	12.3%
8200	Wentworth	N	10	10	3,003	3,014	0.3%
8250	Willoughby	S	2	19,493	12,848	32,341	60.3%
8350	Wingecarribee	E	4	16,925	4,902	21,827	77.5%
8400	Wollondilly	R	6	13,159	6,792	19,951	66.0%
8450	Wollongong	E	5	45,378	50,080	95,459	47.5%
8500	Woollahra	S	2	11,400	13,680	25,080	45.5%
8550	Wyong	E	7	47,540	48,801	96,341	49.3%
8710	Yass	N	11	2,825	4,146	6,971	40.5%
8750	Young	N	11	2,979	2,217	5,196	57.3%
<b>Total domestic diversion rate</b>							<b>47.6%</b>

Under 'Region', S = Sydney Metropolitan Area (SMA); E = Extended Regulated Area (ERA); R = Regional Regulated Area (RRA); N = Rest of the state

### Appendix 5: Total domestic recyclable generation 2012–13

ABS	Council name	Region	DLG group	Kerbside recycling bin			Drop off recycling			Clean-up recycling		
				Collected	Recovered	Disposed of	Collected	Recovered	Disposed of	Collected	Recovered	Disposed of
60	Albury	N	4	5,021	4,145	876	2,527	2,527	–	–	–	–
110	Armidale Dumaresq	N	4	3,645	3,493	152	464	463	1	–	–	–
150	Ashfield	S	2	3,803	3,499	304	–	–	–	62	62	–
200	Auburn	S	2	4,160	3,745	415	–	–	–	166	166	–
250	Ballina	R	4	4,525	4,337	188	1,155	1,155	–	–	–	–
300	Balranald	N	9	–	–	–	20	20	–	–	–	–
350	Bankstown	S	3	15,884	13,078	2,806	–	–	–	259	259	–
470	Bathurst	N	4	3,051	2,863	188	1,102	1,102	–	–	–	–
500	Baulkham Hills	S	7	16,840	15,746	1,094	–	–	–	804	804	–
550	Bega Valley	N	4	4,962	4,416	546	1,038	1,030	8	–	–	–
600	Bellingen	R	11	1,131	1,084	47	192	192	–	–	–	–
650	Berrigan	N	10	753	722	31	682	364	318	–	–	–
750	Blacktown	S	3	24,397	22,101	2,296	–	–	–	817	817	–
800	Bland	N	10	–	–	–	25	–	25	–	–	–
850	Blayney	N	10	499	478	21	753	753	–	–	–	–
900	Blue Mountains	R	7	8,514	8,140	375	1,508	1,494	14	42	42	–
950	Bogan	N	9	146	140	6	–	–	–	–	–	–
1000	Bombala	N	9	130	15	115	256	256	–	–	–	–
1050	Boorowa	N	9	34	33	1	66	58	8	–	–	–

ABS	Council name	Region	DLG group	Kerbside recycling bin			Drop off recycling			Clean-up recycling		
				Collected	Recovered	Disposed of	Collected	Recovered	Disposed of	Collected	Recovered	Disposed of
1100	Botany Bay	S	2	3,952	3,737	215	35	33	2	231	194	37
1150	Bourke	N	9	-	-	-	-	-	-	101	101	-
1200	Brewarrina	N	9	-	-	-	-	-	-	-	-	-
1250	Broken Hill	N	4	-	-	-	861	861	-	-	-	-
1300	Burwood	S	2	2,759	2,449	310	-	-	-	11	11	-
1350	Byron	R	4	4,306	4,126	179	1,060	1,060	-	-	-	-
1400	Cabonne	N	11	661	621	41	1,021	1,021	-	-	-	-
1450	Camden	S	6	7,386	7,165	222	-	-	-	143	143	-
1500	Campbelltown	S	7	14,607	13,744	863	10	10	-	200	200	-
1520	Canada Bay	S	2	8,029	7,788	241	-	-	-	367	367	-
1550	Canterbury	S	3	11,500	9,826	1,674	-	-	-	-	-	-
1600	Carrathool	N	9	-	-	-	-	-	-	-	-	-
1700	Central Darling	N	9	-	-	-	-	-	-	-	-	-
1720	Cessnock	E	4	4,803	4,716	87	1,640	1,518	122	-	-	-
1730	Clarence Valley	R	4	6,206	5,955	251	542	542	-	76	76	-
1750	Cobar	N	10	-	-	-	72	72	-	-	-	-
1800	Coffs Harbour	R	4	8,458	8,204	254	1,490	1,490	-	-	-	-
1860	Conargo	N	8	-	-	-	46	46	-	-	-	-
2000	Coolamon	N	9	286	275	12	-	-	-	-	-	-
2060	Cooma-Monaro	N	10	677	648	28	620	620	-	-	-	-
2150	Coonamble	N	9	-	-	-	-	-	-	-	-	-

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ABS	Council name	Region	DLG group	Kerbside recycling bin			Drop off recycling			Clean-up recycling		
				Collected	Recovered	Disposed of	Collected	Recovered	Disposed of	Collected	Recovered	Disposed of
2200	Cootamundra	N	10	1,619	1,200	419	47	37	9	–	–	–
2310	Corowa	N	11	1,313	1,119	194	222	222	–	–	–	–
2350	Cowra	N	11	872	778	94	234	230	4	–	–	–
2500	Deniliquin	N	4	–	–	–	263	161	101	–	–	–
2600	Dubbo	N	4	3,158	3,027	131	29	29	–	95	85	10
2700	Dungog	R	10	802	769	33	191	191	–	130	130	–
2750	Eurobodalla	N	4	4,600	2,175	2,425	2,343	2,343	–	247	247	–
2850	Fairfield	S	3	12,017	10,437	1,580	56	56	–	–	–	–
2900	Forbes	N	10	650	620	30	4	4	–	7	7	–
2950	Gilgandra	N	9	333	319	14	–	–	–	–	–	–
3020	Glen Innes Severn	N	6	590	560	30	986	986	–	–	–	–
3050	Gloucester	R	9	421	415	6	453	451	3	–	–	–
3100	Gosford	E	7	20,352	18,870	1,482	333	333	–	–	–	–
3310	Goulburn Mulwarree	N	4	5,021	4,812	209	368	368	–	–	–	–
3350	Greater Taree	R	4	5,156	4,719	437	1,202	1,168	33	480	472	8
3370	Greater Hume	N	11	830	684	146	–	–	–	–	–	–
3400	Great Lakes	R	4	5,326	5,152	175	1,900	1,900	–	401	401	–
3450	Griffith City	N	4	1,630	1,562	68	433	433	–	–	–	–
3500	Gundagai	N	9	104	100	4	136	136	–	–	–	–
3550	Gunnedah	N	11	1,421	1,376	45	270	250	20	–	–	–

ABS	Council name	Region	DLG group	Kerbside recycling bin			Drop off recycling			Clean-up recycling		
				Collected	Recovered	Disposed of	Collected	Recovered	Disposed of	Collected	Recovered	Disposed of
3650	Guyra	N	9	460	447	13	4	4	–	–	–	–
3660	Gwydir	N	10	580	551	29	176	176	–	11	11	0
3700	Harden	N	9	265	254	11	265	265	–	–	–	–
3750	Port Macquarie–Hastings	R	4	8,453	7,687	766	1,198	588	610	–	–	–
3800	Hawkesbury	E	6	6,173	5,642	531	1,060	1,060	–	–	–	–
3850	Hay	N	9	–	–	–	133	133	–	–	–	–
3950	Holroyd	S	3	7,606	6,726	880	–	–	–	84	84	–
4000	Hornsby	S	7	16,079	15,082	997	186	186	–	416	416	–
4100	Hunters Hill	S	2	1,329	1,323	6	–	–	–	19	19	–
4150	Hurstville	S	3	7,496	6,590	906	82	78	4	–	–	–
4200	Inverell	N	11	3,150	3,000	150	–	–	–	–	–	–
4250	Jerilderie	N	8	–	–	–	–	–	–	–	–	–
4300	Junee	N	10	454	377	77	41	41	–	–	–	–
4350	Kempsey	R	4	2,769	1,757	1,012	375	362	13	–	–	–
4400	Kiama	E	4	2,421	2,385	36	215	215	–	93	93	–
4450	Kogarah	S	2	5,596	5,056	540	–	–	–	65	65	–
4500	Ku-ring-gai	S	3	14,178	13,595	583	–	–	–	69	69	–
4550	Kyogle	R	10	692	663	29	298	298	–	–	–	–
4600	Lachlan	N	10	–	–	–	–	–	–	–	–	–
4650	Lake Macquarie	E	5	17,834	17,514	320	764	764	–	375	375	–

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ABS	Council name	Region	DLG group	Kerbside recycling bin			Drop off recycling			Clean-up recycling		
				Collected	Recovered	Disposed of	Collected	Recovered	Disposed of	Collected	Recovered	Disposed of
4700	Lane Cove	S	2	3,384	3,282	102	–	–	–	55	55	–
4750	Leeton	N	11	900	863	37	298	295	3	3	3	–
4800	Leichhardt	S	2	6,719	6,647	73	109	109	–	103	103	–
4850	Lismore	R	4	3,950	3,854	96	2,722	2,722	–	231	231	–
4880	Lithgow	N	4	668	640	28	–	–	–	–	–	–
4900	Liverpool	S	7	16,204	14,746	1,458	23	23	–	351	351	–
4920	Liverpool Plains	N	10	466	443	23	1,055	1,027	28	–	–	–
4950	Lockhart	N	9	190	182	8	69	69	0	15	12	3
5050	Maitland	E	4	6,378	6,265	113	707	707	–	–	–	–
5150	Manly	S	2	5,386	5,165	220	1,048	1,047	0	34	34	–
5200	Marrickville	S	3	8,470	7,852	618	426	420	7	425	398	28
5270	Mid-Western	N	4	1,271	1,144	127	937	937	–	–	–	–
5300	Moree Plains	N	11	1,527	959	567	565	565	–	–	–	–
5350	Mosman	S	2	3,235	3,114	121	112	112	–	117	117	–
5500	Murray	N	10	526	478	48	103	102	2	–	–	–
5550	Murrumbidgee	N	9	178	170	8	–	–	–	–	–	–
5650	Muswellbrook	R	11	2,454	2,031	423	1,124	1,124	–	82	82	–
5700	Nambucca	R	11	2,118	2,000	118	324	309	15	–	–	–
5750	Narrabri	N	11	1,481	1,419	62	–	–	–	–	–	–
5800	Narrandera	N	10	480	440	40	150	150	–	–	–	–
5850	Narromine	N	10	428	394	34	–	–	–	–	–	–

ABS	Council name	Region	DLG group	Kerbside recycling bin			Drop off recycling			Clean-up recycling		
				Collected	Recovered	Disposed of	Collected	Recovered	Disposed of	Collected	Recovered	Disposed of
5900	Newcastle	E	5	16,481	14,814	1,667	247	247	–	171	161	10
5950	North Sydney	S	2	7,066	6,790	276	–	–	–	41	41	0
6110	Oberon	N	10	–	–	–	41	41	–	–	–	–
6150	Orange	N	4	3,528	3,323	205	2,592	1,051	1,541	0	0	–
6180	Palerang	N	11	984	943	41	458	458	–	–	–	–
6200	Parkes	N	11	948	892	55	–	–	–	–	–	–
6250	Parramatta	S	3	13,143	12,045	1,098	–	–	–	30	30	–
6350	Penrith	S	7	19,844	18,674	1,170	–	–	–	81	81	–
6370	Pittwater	S	2	9,353	8,634	719	4	4	0	–	–	–
6400	Port Stephens	E	4	6,700	6,051	649	531	531	–	16	16	–
6470	Queanbeyan	N	4	3,521	3,183	338	152	152	–	112	112	–
6550	Randwick	S	3	12,159	11,236	923	234	234	–	83	83	–
6610	Richmond Valley	R	4	1,682	1,612	70	1,164	1,164	–	–	–	–
6650	Rockdale	S	3	8,450	7,511	939	–	–	–	–	–	–
6700	Ryde	S	3	9,901	9,406	495	–	–	–	77	77	–
6900	Shellharbour	E	4	6,452	6,016	436	1,455	1,455	–	8	8	–
6950	Shoalhaven	E	5	11,836	11,453	383	6,241	6,240	0	68	68	–
7000	Singleton	R	4	1,826	1,610	216	755	755	–	34	34	–
7050	Snowy River	N	10	587	563	24	1,315	1,187	128	–	–	–
7100	Strathfield	S	2	3,000	2,630	370	–	–	–	369	369	–
7150	Sutherland	S	3	25,922	24,572	1,350	380	196	184	538	538	–



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ABS	Council name	Region	DLG group	Kerbside recycling bin			Drop off recycling			Clean-up recycling		
				Collected	Recovered	Disposed of	Collected	Recovered	Disposed of	Collected	Recovered	Disposed of
7210	Sydney	S	1	15,201	13,701	1,500	72	69	3	545	545	–
7310	Tamworth Regional	N	4	5,086	4,867	219	1,318	1,318	–	154	93	61
7350	Temora	N	10	–	–	–	618	609	9	–	–	–
7400	Tenterfield	N	10	–	–	–	1,200	187	1,014	–	–	–
7450	Tumbarumba	N	9	348	305	43	–	–	–	–	–	–
7510	Tumut	N	11	1,036	993	43	225	225	–	–	–	–
7550	Tweed	R	5	10,297	9,869	428	–	–	–	–	–	–
7620	Upper Hunter	R	11	1,607	1,357	250	693	693	–	27	27	–
7640	Upper Lachlan	N	10	520	498	22	–	–	–	–	–	–
7650	Uralla	N	10	642	469	173	847	224	623	22	22	1
7700	Urana Shire	N	8	–	–	–	–	–	–	11	0	11
7750	Wagga Wagga	N	4	13,693	13,123	570	890	890	–	–	–	–
7800	Wakool	N	9	305	292	13	144	144	–	–	–	–
7850	Walcha	N	9	182	146	36	216	216	–	–	–	–
7900	Walgett	N	10	–	–	–	300	300	–	–	–	–
7950	Warren Shire	N	9	–	–	–	5	5	–	–	–	–
8000	Warringah	S	3	16,277	15,719	558	285	285	–	308	308	–
8020	Warrumbungle	N	11	1,175	1,126	49	15	15	–	–	–	–
8050	Waverley	S	2	6,548	6,104	444	–	–	–	136	136	–
8100	Weddin	N	9	183	174	9	25	24	1	–	–	–
8150	Wellington	N	10	–	–	–	431	421	10	26	26	–

ABS	Council name	Region	DLG group	Kerbside recycling bin			Drop off recycling			Clean-up recycling		
				Collected	Recovered	Disposed of	Collected	Recovered	Disposed of	Collected	Recovered	Disposed of
8200	Wentworth	N	10	–	–	–	10	–	10	–	–	–
8250	Willoughby	S	2	7,662	7,331	331	–	–	–	–	–	–
8350	Wingecarribee	E	4	4,973	4,724	249	1,584	1,581	3	23	19	3
8400	Wollondilly	R	6	3,206	3,030	176	918	918	–	–	–	–
8450	Wollongong	E	5	19,149	17,855	1,294	1,110	1,110	–	937	937	–
8500	Woollahra	S	2	7,075	6,594	481	–	–	–	420	330	90
8550	Wyong	E	7	17,666	16,381	1,285	2,452	2,452	–	283	283	–
8710	Yass	N	11	850	815	35	1,130	1,130	–	–	–	–
8750	Young	N	11	2,393	1,893	500	204	204	–	–	–	–
<b>Total NSW</b>				<b>698,742</b>	<b>646,045</b>	<b>52,696</b>	<b>71,483</b>	<b>66,608</b>	<b>4,875</b>	<b>11,708</b>	<b>11,446</b>	<b>262</b>
<b>SMA</b>				<b>382,616</b>	<b>353,442</b>	<b>29,173</b>	<b>3,062</b>	<b>2,862</b>	<b>200</b>	<b>7,427</b>	<b>7,272</b>	<b>155</b>
<b>ERA</b>				<b>141,218</b>	<b>132,687</b>	<b>8,531</b>	<b>18,339</b>	<b>18,213</b>	<b>125</b>	<b>1,973</b>	<b>1,960</b>	<b>13</b>
<b>RRA</b>				<b>83,899</b>	<b>78,371</b>	<b>5,529</b>	<b>19,263</b>	<b>18,576</b>	<b>687</b>	<b>1,503</b>	<b>1,495</b>	<b>8</b>
<b>Rest of the State</b>				<b>91,009</b>	<b>81,545</b>	<b>9,463</b>	<b>30,820</b>	<b>26,957</b>	<b>3,862</b>	<b>805</b>	<b>719</b>	<b>86</b>

Under 'Region', S = Sydney Metropolitan Area (SMA); E = Extended Regulated Area (ERA); R = Regional Regulated Area (RRA); N = Rest of the state

## Appendix 6: Total domestic organic waste generation, 2012–13

ABS	Council name	Region	DLG group	Kerbside organics bin			Drop off organics			Clean up organics		
				Collected	Recovered	Disposed of	Collected	Recovered	Disposed of	Collected	Recovered	Disposed of
60	Albury	N	4	3,355	3,151	204	2,591	2,591	–	–	–	–
110	Armidale Dumaresq	N	4	2,092	2,082	10	1,728	1,352	376	–	–	–
150	Ashfield	S	2	1,963	1,896	67	–	–	–	88	88	–
200	Auburn	S	2	3,400	3,218	182	–	–	–	3,515	3,515	–
250	Ballina	R	4	5,491	5,158	333	3,140	3,140	–	–	–	–
300	Balranald	N	9	–	–	–	450	450	–	–	–	–
350	Bankstown	S	3	19,849	19,266	583	–	–	–	570	570	–
470	Bathurst	N	4	–	–	–	3,567	3,567	–	–	–	–
500	Baulkham Hills	S	7	19,334	19,247	87	–	–	–	1,626	1,626	–
550	Bega Valley	N	4	1,595	1,498	97	2,874	2,874	–	–	–	–
600	Bellingen	R	11	1,500	1,409	91	–	–	–	–	–	–
650	Berrigan	N	10	–	–	–	605	605	–	–	–	–
750	Blacktown	S	3	–	–	–	–	–	–	–	–	–
800	Bland	N	10	–	–	–	420	–	420	–	–	–
850	Blayney	N	10	–	–	–	705	705	–	–	–	–
900	Blue Mountains	R	7	–	–	–	5,593	5,203	389	6,664	6,664	–
950	Bogan	N	9	–	–	–	–	–	–	–	–	–
1000	Bombala	N	9	–	–	–	–	–	–	–	–	–
1050	Boorowa	N	9	–	–	–	46	46	–	–	–	–
1100	Botany Bay	S	2	1,090	1,085	5	15	15	–	–	–	–
1150	Bourke	N	9	–	–	–	–	–	–	20	20	–
1200	Brewarrina	N	9	–	–	–	–	–	–	–	–	–
1250	Broken Hill	N	4	1,103	1,065	38	3,074	2,618	456	–	–	–

ABS	Council name	Region	DLG group	Kerbside organics bin			Drop off organics			Clean up organics		
				Collected	Recovered	Disposed of	Collected	Recovered	Disposed of	Collected	Recovered	Disposed of
1300	Burwood	S	2	2,351	2,332	19	-	-	-	-	-	-
1350	Byron	R	4	-	-	-	3,126	3,126	-	-	-	-
1400	Cabonne	N	11	-	-	-	288	288	-	4	4	-
1450	Camden	S	6	7,139	7,076	63	-	-	-	-	-	-
1500	Campbelltown	S	7	16,935	16,512	423	-	-	-	-	-	-
1520	Canada Bay	S	2	4,707	4,659	47	-	-	-	379	379	-
1550	Canterbury	S	3	11,007	10,952	55	-	-	-	-	-	-
1600	Carrathool	N	9	-	-	-	-	-	-	-	-	-
1700	Central Darling	N	9	-	-	-	-	-	-	-	-	-
1720	Cessnock	E	4	-	-	-	1,691	1,691	-	-	-	-
1730	Clarence Valley	R	4	7,487	7,426	61	3,561	3,561	-	-	-	-
1750	Cobar	N	10	-	-	-	-	-	-	-	-	-
1800	Coffs Harbour	R	4	11,468	11,116	352	2,786	2,786	-	-	-	-
1860	Conargo	N	8	-	-	-	137	-	137	-	-	-
2000	Coolamon	N	9	75	70	5	-	-	-	-	-	-
2060	Cooma-Monaro	N	10	38	36	2	408	408	-	-	-	-
2150	Coonamble	N	9	-	-	-	700	700	-	-	-	-
2200	Cootamundra	N	10	-	-	-	2,531	2,531	-	-	-	-
2310	Corowa	N	11	-	-	-	600	-	600	-	-	-
2350	Cowra	N	11	-	-	-	19	19	-	-	-	-
2500	Deniliquin	N	4	-	-	-	560	560	-	180	180	-
2600	Dubbo	N	4	-	-	-	269	269	-	207	207	-
2700	Dungog	R	10	-	-	-	400	400	-	100	100	-
2750	Eurobodalla	N	4	3,573	3,570	3	3,673	3,673	-	-	-	-
2850	Fairfield	S	3	-	-	-	976	976	-	393	393	-
2900	Forbes	N	10	-	-	-	2,500	2,000	500	8	8	-
2950	Gilgandra	N	9	-	-	-	-	-	-	-	-	-

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ABS	Council name	Region	DLG group	Kerbside organics bin			Drop off organics			Clean up organics		
				Collected	Recovered	Disposed of	Collected	Recovered	Disposed of	Collected	Recovered	Disposed of
3020	Glen Innes Severn	N	6	–	–	–	940	940	–	–	–	–
3050	Gloucester	R	9	332	312	20	1,067	1,067	–	–	–	–
3100	Gosford	E	7	19,031	18,961	70	427	427	–	1,494	1,494	–
3310	Goulburn–Mulwarree	N	4	1,526	1,433	93	306	306	–	–	–	–
3350	Greater Taree	R	4	4,493	4,220	273	1,395	1,395	–	–	–	–
3370	Greater Hume	N	11	–	–	–	–	–	–	–	–	–
3400	Great Lakes	R	4	4,801	4,509	292	2,858	2,858	–	–	–	–
3450	Griffith City	N	4	–	–	–	–	–	–	–	–	–
3500	Gundagai	N	9	–	–	–	150	150	–	–	–	–
3550	Gunnedah	N	11	2,054	530	1,524	1,712	1,712	–	–	–	–
3650	Guyra	N	9	–	–	–	–	–	–	–	–	–
3660	Gwydir	N	10	–	–	–	253	249	4	13	13	–
3700	Harden	N	9	202	190	12	154	154	–	–	–	–
3750	Port Macquarie–Hastings	R	4	10,746	10,697	49	8,165	7,428	737	–	–	–
3800	Hawkesbury	E	6	–	–	–	1,511	1,511	–	–	–	–
3850	Hay	N	9	–	–	–	–	–	–	–	–	–
3950	Holroyd	S	3	–	–	–	2,195	2,195	–	160	160	–
4000	Hornsby	S	7	19,238	18,208	1,030	165	165	–	–	–	–
4100	Hunters Hill	S	2	768	727	41	–	–	–	–	–	–
4150	Hurstville	S	3	7,243	7,206	37	–	–	–	–	–	–
4200	Inverell	N	11	–	–	–	–	–	–	–	–	–
4250	Jerilderie	N	8	–	–	–	–	–	–	–	–	–
4300	Junee	N	10	–	–	–	223	223	–	–	–	–
4350	Kempsey	R	4	1,960	1,951	9	997	997	–	–	–	–
4400	Kiama	E	4	2,613	2,454	159	1,383	1,383	–	–	–	–

ABS	Council name	Region	DLG group	Kerbside organics bin			Drop off organics			Clean up organics		
				Collected	Recovered	Disposed of	Collected	Recovered	Disposed of	Collected	Recovered	Disposed of
4450	Kogarah	S	2	4,711	4,679	32	-	-	-	-	-	-
4500	Ku-ring-gai	S	3	20,023	18,951	1,072	-	-	-	-	-	-
4550	Kyogle	R	10	-	-	-	600	600	-	-	-	-
4600	Lachlan	N	10	-	-	-	500	500	-	-	-	-
4650	Lake Macquarie	E	5	3,919	3,905	14	1,961	1,961	-	1,254	1,254	-
4700	Lane Cove	S	2	2,131	2,017	114	-	-	-	2,131	2,131	-
4750	Leeton	N	11	-	-	-	49	49	-	2	-	2
4800	Leichhardt	S	2	1,698	1,694	4	153	153	-	-	-	-
4850	Lismore	R	4	4,680	4,396	284	3,060	3,060	-	82	82	-
4880	Lithgow	N	4	-	-	-	-	-	-	-	-	-
4900	Liverpool	S	7	14,756	14,314	442	-	-	-	-	-	-
4920	Liverpool Plains	N	10	-	-	-	276	276	-	8	8	0
4950	Lockhart	N	9	-	-	-	96	96	-	-	-	-
5050	Maitland	E	4	-	-	-	4,883	278	4,605	-	-	-
5150	Manly	S	2	2,270	2,149	121	970	970	-	-	-	-
5200	Marrickville	S	3	3,876	3,692	184	-	-	-	-	-	-
5270	Mid-Western	N	4	-	-	-	2,700	2,700	-	-	-	-
5300	Moree Plains	N	11	-	-	-	2,626	2,626	-	-	-	-
5350	Mosman	S	2	1,201	1,198	3	1,202	1,202	-	-	-	-
5500	Murray	N	10	-	-	-	429	400	29	-	-	-
5550	Murrumbidgee	N	9	-	-	-	-	-	-	-	-	-
5650	Muswellbrook	R	11	1,429	1,215	214	736	736	-	-	-	-
5700	Nambucca	R	11	3,022	2,872	150	268	255	13	-	-	-
5750	Narrabri	N	11	-	-	-	-	-	-	-	-	-
5800	Narrandera	N	10	-	-	-	-	-	-	-	-	-
5850	Narromine	N	10	-	-	-	-	-	-	-	-	-

## NSW Local Government Waste and Resource Recovery Data Report 2012–13

ABS	Council name	Region	DLG group	Kerbside organics bin			Drop off organics			Clean up organics		
				Collected	Recovered	Disposed of	Collected	Recovered	Disposed of	Collected	Recovered	Disposed of
5900	Newcastle	E	5	12,812	12,401	411	3,411	3,411	–	–	–	–
5950	North Sydney	S	2	1,506	1,461	45	–	–	–	–	–	–
6110	Oberon	N	10	–	–	–	–	–	–	–	–	–
6150	Orange	N	4	–	–	–	5,667	5,667	–	32	32	–
6180	Palerang	N	11	–	–	–	261	261	–	–	–	–
6200	Parkes	N	11	–	–	–	–	–	–	4,881	–	4,881
6250	Parramatta	S	3	12,165	11,514	651	–	–	–	–	–	–
6350	Penrith	S	7	30,420	28,241	2,179	–	–	–	–	–	–
6370	Pittwater	S	2	3,052	2,889	163	7,700	7,700	–	3,052	3,052	–
6400	Port Stephens	E	4	–	–	–	3,095	3,095	–	178	178	–
6470	Queanbeyan	N	4	1,961	1,842	119	2,053	2,053	–	4	4	–
6550	Randwick	S	3	6,863	6,536	327	330	330	–	–	–	–
6610	Richmond Valley	R	4	1,392	1,307	85	173	173	–	–	–	–
6650	Rockdale	S	3	–	–	–	36	36	–	–	–	–
6700	Ryde	S	3	9,051	8,596	454	–	–	–	160	160	–
6900	Shellharbour	E	4	7,049	6,943	106	3,583	3,583	–	14	14	–
6950	Shoalhaven	E	5	–	–	–	10,239	10,239	–	34	34	–
7000	Singleton	R	4	–	–	–	947	947	–	20	20	–
7050	Snowy River	N	10	–	–	–	980	906	75	–	–	–
7100	Strathfield	S	2	2,000	1,893	107	–	–	–	20	20	–
7150	Sutherland	S	3	26,585	26,271	314	1,116	1,116	–	240	240	–
7210	Sydney	S	1	2,028	1,919	109	–	–	–	–	–	–
7310	Tamworth Regional	N	4	3,743	3,515	227	6,164	–	6,164	–	–	–
7350	Temora	N	10	–	–	–	100	100	–	–	–	–
7400	Tenterfield	N	10	–	–	–	–	–	–	–	–	–
7450	Tumbarumba	N	9	–	–	–	–	–	–	–	–	–

ABS	Council name	Region	DLG group	Kerbside organics bin			Drop off organics			Clean up organics		
				Collected	Recovered	Disposed of	Collected	Recovered	Disposed of	Collected	Recovered	Disposed of
7510	Tumut	N	11	-	-	-	2,400	2,400	-	-	-	-
7550	Tweed	R	5	4,850	4,555	295	-	-	-	-	-	-
7620	Upper Hunter	R	11	-	-	-	1,347	1,347	-	-	-	-
7640	Upper Lachlan	N	10	-	-	-	-	-	-	-	-	-
7650	Uralla	N	10	13	12	1	1,125	1,125	-	4	4	-
7700	Urana Shire	N	8	-	-	-	-	-	-	-	-	-
7750	Wagga Wagga	N	4	5,922	5,562	360	2,045	2,045	-	-	-	-
7800	Wakool	N	9	-	-	-	223	223	-	-	-	-
7850	Walcha	N	9	84	79	5	-	-	-	-	-	-
7900	Walgett	N	10	-	-	-	-	-	-	-	-	-
7950	Warren Shire	N	9	-	-	-	-	-	-	-	-	-
8000	Warringah	S	3	14,512	14,395	117	5,742	5,742	-	-	-	-
8020	Warrumbungle	N	11	-	-	-	-	-	-	-	-	-
8050	Waverley	S	2	2,097	2,012	84	-	-	-	2,097	2,097	-
8100	Weddin	N	9	-	-	-	-	-	-	-	-	-
8150	Wellington	N	10	-	-	-	55	55	-	4	4	-
8200	Wentworth	N	10	-	-	-	-	-	-	-	-	-
8250	Willoughby	S	2	6,161	6,014	147	-	-	-	-	-	-
8350	Wingecarribee	E	4	-	-	-	5,712	5,712	-	-	-	-
8400	Wollondilly	R	6	3,907	3,860	47	943	943	-	-	-	-
8450	Wollongong	E	5	21,375	21,358	17	2,797	2,797	-	-	-	-
8500	Woollahra	S	2	3,905	3,522	383	-	-	-	-	-	-
8550	Wyong	E	7	19,260	19,144	116	5,960	5,960	-	1,918	1,918	-
8710	Yass	N	11	-	-	-	845	845	-	-	-	-
8750	Young	N	11	-	-	-	382	382	-	-	-	-
<b>Total NSW</b>				<b>466,984</b>	<b>451,147</b>	<b>15,837</b>	<b>168,875</b>	<b>154,369</b>	<b>14,506</b>	<b>31,557</b>	<b>26,674</b>	<b>4,883</b>



## Appendix 7: Total domestic residual waste generation and disposal 2012–13

See Excel file: Appendix 7.xlsx

## Appendix 8: Weekly kerbside household and per capita generation 2012–13

ABS	Council name	Region	DLG group	Dry recycling			Organic waste			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	5,021	4.5	2.0	3,355	6.9	1.3	10,979	9.8	4.3
110	Armidale Dumaresq	N	4	3,645	7.7	2.8	2,092	4.4	1.6	4,556	9.7	3.5
150	Ashfield	S	2	3,803	4.8	1.7	1,963	8.1	0.9	9,221	11.7	4.0
200	Auburn	S	2	4,160	3.0	1.0	3,400	4.7	0.8	19,246	13.8	4.6
250	Ballina	R	4	4,525	5.1	2.1	5,491	7.4	2.6	7,080	8.0	3.3
300	Balranald	N	9	–	–	–	–	–	–	165	4.0	1.4
350	Bankstown	S	3	15,884	4.9	1.6	19,849	6.1	2.0	42,306	12.9	4.2
470	Bathurst	N	4	3,051	4.2	1.5	–	–	–	11,856	16.3	5.7
500	Baulkham Hills	S	7	16,840	5.5	1.8	19,334	6.3	2.1	38,872	12.7	4.2
550	Bega Valley	N	4	4,962	5.7	2.9	1,595	2.1	0.9	8,615	9.9	5.0
600	Bellingen	R	11	1,131	5.6	1.7	1,500	7.4	2.3	1,332	6.6	2.0
650	Berrigan	N	10	753	4.4	1.7	–	–	–	1,415	8.2	3.3
750	Blacktown	S	3	24,397	4.6	1.5	–	–	–	95,621	18.0	5.8
800	Bland	N	10	–	–	–	–	–	–	729	7.9	2.3
850	Blayney	N	10	499	3.9	1.3	–	–	–	1,500	11.7	4.0
900	Blue Mountains	R	7	8,514	5.0	2.1	–	–	–	22,906	13.5	5.6

ABS	Council name	Region	DLG group	Dry recycling			Organic waste			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
950	Bogan	N	9	146	3.2	0.9	–	–	–	857	16.4	5.4
1000	Bombala	N	9	130	3.1	1.0	–	–	–	1,034	23.4	8.3
1050	Boorowa	N	9	34	1.1	0.3	–	–	–	520	17.5	4.0
1100	Botany Bay	S	2	3,952	5.3	1.8	1,090	1.5	0.5	10,748	14.5	4.9
1150	Bourke	N	9	–	–	–	–	–	–	500	18.4	3.1
1200	Brewarrina	N	9	–	–	–	–	–	–	300	11.3	3.0
1250	Broken Hill	N	4	–	–	–	1,103	2.5	1.1	6,768	13.6	6.8
1300	Burwood	S	2	2,759	4.7	1.5	2,351	4.0	1.3	6,880	11.7	3.8
1350	Byron	R	4	4,306	6.4	2.7	–	–	–	7,038	10.5	4.4
1400	Cabonne	N	11	661	4.7	1.0	–	–	–	1,986	14.2	2.8
1450	Camden	S	6	7,386	7.4	2.4	7,139	8.6	2.3	12,799	12.9	4.1
1500	Campbelltown	S	7	14,607	5.5	1.9	16,935	6.4	2.1	31,035	11.7	3.9
1520	Canada Bay	S	2	8,029	4.6	1.9	4,707	2.7	1.1	16,481	9.4	3.9
1550	Canterbury	S	3	11,500	4.1	1.5	11,007	6.0	1.4	33,900	12.5	4.5
1600	Carrathool	N	9	–	–	–	–	–	–	400	7.2	2.9
1700	Central Darling	N	9	–	–	–	–	–	–	800	20.3	7.2
1720	Cessnock	E	4	4,803	4.7	1.8	–	–	–	16,761	16.2	6.1
1730	Clarence Valley	R	4	6,206	5.7	2.3	7,487	8.3	2.8	6,859	6.2	2.6
1750	Cobar	N	10	–	–	–	–	–	–	1,443	14.3	5.6
1800	Coffs Harbour	R	4	8,458	5.8	2.3	11,468	8.0	3.1	11,943	8.2	3.2
1860	Conargo	N	8	–	–	–	–	–	–	NS	–	–

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ABS	Council name	Region	DLG group	Dry recycling			Organic waste			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
2000	Coolamon	N	9	286	3.5	1.3	75	1.8	0.3	700	8.7	3.2
2060	Cooma-Monaro	N	10	677	4.3	1.3	38	7.4	0.1	1,706	10.9	3.2
2150	Coonamble	N	9		–	–	–	–	–	2,200	29.7	9.9
2200	Cootamundra	N	10	1,619	10.7	4.2	–	–	–	1,803	11.9	4.6
2310	Corowa	N	11	1,313	5.1	2.2	–	–	–	3,427	13.4	5.8
2350	Cowra	N	11	872	3.9	1.3	–	–	–	3,779	16.9	5.8
2500	Deniliquin	N	4	–	–	–	–	–	–	3,009	17.2	7.9
2600	Dubbo	N	4	3,158	3.9	1.5	–	–	–	11,008	13.7	5.2
2700	Dungog	R	10	802	4.8	1.8	–	–	–	1,200	7.2	2.7
2750	Eurobodalla	N	4	4,600	4.5	2.4	3,573	3.5	1.9	6,100	5.9	3.2
2850	Fairfield	S	3	12,017	4.1	1.2	–	–	–	63,513	21.8	6.2
2900	Forbes	N	10	650	3.8	1.3	–	–	–	3,387	19.9	6.8
2950	Gilgandra	N	9	333	6.6	1.4	–	–	–	645	12.8	2.8
3020	Glen Innes Severn	N	6	590	3.8	1.3	–	–	–	1,700	10.9	3.7
3050	Gloucester	R	9	421	3.9	1.6	332	5.1	1.3	1,262	11.7	4.9
3100	Gosford	E	7	20,352	6.0	2.3	19,031	5.7	2.2	37,395	11.0	4.3
3310	Goulburn Mulwarree	N	4	5,021	9.3	3.4	1,526	2.8	1.0	7,875	14.5	5.3
3350	Greater Taree	R	4	5,156	5.5	2.8	4,493	5.1	1.8	10,271	11.0	4.1
3370	Greater Hume	N	11	830	4.9	1.6	–	–	–	2,150	12.3	4.1
3400	Great Lakes	R	4	5,326	4.8	2.1	4,801	4.7	2.6	7,357	6.6	4.0

ABS	Council name	Region	DLG group	Dry recycling			Organic waste			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
3450	Griffith City	N	4	1,630	4.4	1.2	–	–	–	8,586	22.3	6.5
3500	Gundagai	N	9	104	2.4	0.5	–	–	–	624	14.1	3.2
3550	Gunnedah	N	11	1,421	6.8	2.2	2,054	12.2	3.1	2,330	11.2	3.6
3650	Guyra	N	9	460	7.6	1.9	–	–	–	560	9.2	2.4
3660	Gwydir	N	10	580	8.2	2.2	–	–	–	1,150	16.3	4.4
3700	Harden	N	9	265	5.6	1.4	202	4.3	1.1	450	9.6	2.3
3750	Port Macquarie–Hastings	R	4	8,453	5.6	2.2	10,746	7.2	2.7	12,238	8.2	3.1
3800	Hawkesbury	E	6	6,173	5.0	1.8	–	–	–	20,384	16.5	6.1
3850	Hay	N	9	–	–	–	–	–	–	1,700	25.1	10.9
3950	Holroyd	S	3	7,606	4.0	1.4	–	–	–	31,357	16.6	5.7
4000	Hornsby	S	7	16,079	5.7	1.9	19,238	7.2	2.2	31,354	11.1	3.7
4100	Hunters Hill	S	2	1,329	5.1	1.8	768	4.3	1.0	2,965	11.4	4.0
4150	Hurstville	S	3	7,496	4.8	1.7	7,243	6.9	1.7	17,998	11.6	4.2
4200	Inverell	N	11	3,150	11.3	3.6	–	–	–	3,500	12.5	4.0
4250	Jerilderie	N	8	–	–	–	–	–	–	60	3.3	0.8
4300	Junee	N	10	454	5.2	1.4	–	–	–	856	9.8	2.7
4350	Kempsey	R	4	2,769	5.5	1.8	1,960	5.0	1.3	5,966	11.8	3.9
4400	Kiama	E	4	2,421	5.5	2.2	2,613	5.9	2.4	3,875	8.8	3.6
4450	Kogarah	S	2	5,596	5.2	1.8	4,711	4.3	1.5	11,945	11.0	3.8
4500	Ku-ring-gai	S	3	14,178	6.7	2.4	20,023	10.7	3.3	21,047	9.9	3.5
4550	Kyogle	R	10	692	6.7	1.4	–	–	–	692	6.7	1.4

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ABS	Council name	Region	DLG group	Dry recycling			Organic waste			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
4600	Lachlan	N	10	–	–	–	–	–	–	2,500	20.9	7.1
4650	Lake Macquarie	E	5	17,834	4.5	1.8	3,919	1.0	0.4	60,014	15.3	5.8
4700	Lane Cove	S	2	3,384	5.1	2.0	2,131	3.2	1.2	5,700	8.5	3.3
4750	Leeton	N	11	900	4.9	1.5	–	–	–	2,130	11.6	3.6
4800	Leichhardt	S	2	6,719	5.2	2.3	1,698	1.1	0.6	10,747	8.4	3.7
4850	Lismore	R	4	3,950	5.2	1.7	4,680	8.1	2.0	5,866	7.7	2.5
4880	Lithgow	N	4	668	1.7	0.6	–	–	–	7,256	18.1	6.7
4900	Liverpool	S	7	16,204	5.5	1.7	14,756	5.4	1.5	41,329	14.1	4.2
4920	Liverpool Plains	N	10	466	3.3	1.2	–	–	–	1,374	9.6	3.4
4950	Lockhart	N	9	190	4.0	1.2	–	–	–	275	5.8	1.7
5050	Maitland	E	4	6,378	4.7	1.8	–	–	–	23,685	17.5	6.4
5150	Manly	S	2	5,386	5.6	2.4	2,270	3.2	1.0	7,375	7.6	3.3
5200	Marrickville	S	3	8,470	4.9	2.0	3,876	3.4	0.9	16,280	9.4	3.8
5270	Mid-Western	N	4	1,271	3.4	1.1	–	–	–	5,115	13.8	4.2
5300	Moree Plains	N	11	1,527	6.3	2.1	–	–	–	2,922	12.1	3.9
5350	Mosman	S	2	3,235	4.8	2.1	1,201	1.8	0.8	6,004	8.8	3.9
5500	Murray	N	10	526	4.1	1.4	–	–	–	2,506	19.4	6.6
5550	Murrumbidgee	N	9	178	3.9	1.5	–	–	–	840	18.3	6.7
5650	Muswellbrook	R	11	2,454	7.9	2.9	1,429	4.6	1.6	3,185	10.3	3.7
5700	Nambucca	R	11	2,118	5.4	2.1	3,022	7.7	3.0	2,872	7.3	2.9
5750	Narrabri	N	11	1,481	7.6	2.1	–	–	–	4,703	24.1	6.7

ABS	Council name	Region	DLG group	Dry recycling			Organic waste			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
5800	Narrandera	N	10	480	4.1	1.5	–	–	–	1,261	10.9	4.0
5850	Narromine	N	10	428	4.4	1.2	–	–	–	1,200	12.2	3.3
5900	Newcastle	E	5	16,481	5.2	2.0	12,812	4.1	1.6	38,285	12.1	4.7
5950	North Sydney	S	2	7,066	4.1	2.0	1,506	0.9	0.4	11,692	6.8	3.3
6110	Oberon	N	10	–	–	–	–	–	–	210	3.5	0.8
6150	Orange	N	4	3,528	4.6	1.7	–	–	–	11,944	15.5	5.7
6180	Palerang	N	11	984	6.7	1.3	–	–	–	1,122	9.3	1.4
6200	Parkes	N	11	948	3.5	1.2	–	–	–	3,500	12.9	4.4
6250	Parramatta	S	3	13,143	4.2	1.4	12,165	6.0	1.3	33,160	10.6	3.6
6350	Penrith	S	7	19,844	5.8	2.1	30,420	11.5	3.1	28,750	8.4	3.0
6370	Pittwater	S	2	9,353	8.1	3.0	3,052	2.6	1.0	11,288	9.8	3.6
6400	Port Stephens	E	4	6,700	4.3	1.9	-	-	-	25,440	16.3	7.2
6470	Queanbeyan	N	4	3,521	4.3	1.7	1,961	3.0	0.9	7,735	9.5	3.7
6550	Randwick	S	3	12,159	4.1	1.7	6,863	6.0	0.9	27,266	9.2	3.8
6610	Richmond Valley	R	4	1,682	4.4	1.4	1,392	3.7	1.2	4,155	10.9	3.5
6650	Rockdale	S	3	8,450	4.4	1.6	–	–	–	31,362	16.5	5.8
6700	Ryde	S	3	9,901	4.8	1.8	9,051	4.4	1.6	21,257	10.2	3.7
6900	Shellharbour	E	4	6,452	5.1	1.9	7,049	6.0	2.0	13,237	10.4	3.8
6950	Shoalhaven	E	5	11,836	4.9	2.4	–	–	–	23,253	9.7	4.6
7000	Singleton	R	4	1,826	4.3	1.5	–	–	–	6,241	14.5	5.1
7050	Snowy River	N	10	587	3.0	1.5	–	–	–	1,254	6.4	3.1

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ABS	Council name	Region	DLG group	Dry recycling			Organic waste			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
7100	Strathfield	S	2	3,000	4.8	1.6	2,000	4.9	1.0	7,200	11.5	3.7
7150	Sutherland	S	3	25,922	6.1	2.3	26,585	6.3	2.3	42,259	10.0	3.7
7210	Sydney	S	1	15,201	3.6	1.6	2,028	3.8	0.2	39,550	8.2	4.1
7310	Tamworth Regional	N	4	5,086	4.3	1.7	3,743	4.1	1.2	13,553	11.4	4.4
7350	Temora	N	10	–	–	–	–	–	–	2,000	15.2	6.5
7400	Tenterfield	N	10	–	–	–	–	–	–	1,600	14.6	4.4
7450	Tumbarumba	N	9	348	6.0	1.9	–	–	–	1,278	21.9	7.1
7510	Tumut	N	11	1,036	4.7	1.8	–	–	–	2,550	11.6	4.3
7550	Tweed	R	5	10,297	5.7	2.2	4,850	5.5	1.0	17,984	10.0	3.9
7620	Upper Hunter	R	11	1,607	6.5	2.2	–	–	–	6,916	27.1	9.2
7640	Upper Lachlan	N	10	520	5.3	1.4	–	–	–	1,700	17.2	4.4
7650	Uralla	N	10	642	6.6	2.0	13	2.2	0.0	748	7.7	2.3
7700	Urana Shire	N	8	–	–	–	–	–	–	400	11.7	6.6
7750	Wagga Wagga	N	4	13,693	11.5	4.3	5,922	5.1	1.9	10,530	8.8	3.3
7800	Wakool	N	9	305	4.3	1.4	–	–	–	548	7.6	2.6
7850	Walcha	N	9	182	4.8	1.1	84	2.2	0.5	348	9.2	2.2
7900	Walgett	N	10	–	–	–	–	–	–	522	7.2	1.5
7950	Warren Shire	N	9	–	–	–	–	–	–	218	10.0	1.4
8000	Warringah	S	3	16,277	6.0	2.1	14,512	5.3	1.9	27,377	10.1	3.5
8020	Warrumbungle	N	11	1,175	7.5	2.3	–	–	–	2,114	13.6	4.1
8050	Waverley	S	2	6,548	4.3	1.8	2,097	2.2	0.6	14,168	9.2	3.9

ABS	Council name	Region	DLG group	Dry recycling			Organic waste			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
8100	Weddin	N	9	183	3.1	0.9	–	–	–	602	10.2	3.1
8150	Wellington	N	10	–	–	–	–	–	–	3,320	23.3	7.2
8200	Wentworth	N	10	–	–	–	–	–	–	2,499	17.3	7.1
8250	Willoughby	S	2	7,662	5.2	2.1	6,161	4.2	1.6	16,817	11.5	4.5
8350	Wingecarribee	E	4	4,973	5.5	2.1	–	–	–	7,230	8.0	3.0
8400	Wollondilly	R	6	3,206	4.3	1.4	3,907	7.7	1.7	9,330	12.4	4.0
8450	Wollongong	E	5	19,149	4.7	1.8	21,375	5.2	2.0	40,681	9.9	3.9
8500	Woollahra	S	2	7,075	5.2	2.4	3,905	2.9	1.3	11,542	8.5	3.9
8550	Wyong	E	7	17,666	5.9	2.2	19,260	6.6	2.4	33,699	11.2	4.2
8710	Yass	N	11	850	4.6	1.1	–	–	–	1,508	8.2	1.8
8750	Young	N	11	2,393	13.9	3.7	–	–	–	1,517	8.8	2.3
<b>Total</b>				<b>698,742</b>			<b>466,984</b>			<b>1,634,173</b>		
<b>NSW average</b>					<b>5.1</b>	<b>1.9</b>		<b>5.3</b>	<b>1.7</b>		<b>11.7</b>	<b>4.3</b>
<b>SMA</b>				<b>382,616</b>	<b>5.0</b>	<b>1.8</b>	<b>323,775</b>	<b>5.5</b>	<b>1.6</b>	<b>908,411</b>	<b>11.7</b>	<b>4.2</b>
<b>ERA</b>				<b>141,218</b>	<b>5.1</b>	<b>2.0</b>	<b>90,236</b>	<b>4.5</b>	<b>1.7</b>	<b>343,939</b>	<b>12.4</b>	<b>4.8</b>
<b>RRA</b>				<b>83,899</b>	<b>5.4</b>	<b>2.1</b>	<b>65,844</b>	<b>6.6</b>	<b>2.1</b>	<b>152,693</b>	<b>9.8</b>	<b>3.8</b>
<b>Rest of the state</b>				<b>91,009</b>	<b>5.6</b>	<b>2.0</b>	<b>28,170</b>	<b>4.0</b>	<b>3.3</b>	<b>229,130</b>	<b>12.4</b>	<b>4.4</b>

Under 'Region', S = Sydney Metropolitan Area (SMA); E = Extended Regulated Area (ERA); R = Regional Regulated Area (RRA); N = Rest of the state



## Appendix 9: Predominant bin size and collection frequency 2012–13

ABS	Council name	Region	DLG group	Dry recycling		Organics		Residual waste	
				Predominant bin size	Frequency	Predominant bin size	Frequency	Predominant bin size	Frequency
60	Albury	N	4	240L	F'nightly	240L	F'nightly	140L	Weekly
110	Armidale Dumaresq	N	4	Crate	Weekly	240L	F'nightly	140L	Weekly
150	Ashfield	S	2	240L	F'nightly	240L	F'nightly	120L	Weekly
200	Auburn	S	2	240L	F'nightly	240L	F'nightly	120L	Weekly
250	Ballina	R	4	240L	F'nightly	240L	Weekly	240L	F'nightly
300	Balranald	N	9	No service	–	No service	–	240L	Weekly
350	Bankstown	S	3	240L	F'nightly	240L	F'nightly	120L	Weekly
470	Bathurst	N	4	240L	F'nightly	No service	–	240L	Weekly
500	Baulkham Hills	S	7	240L	F'nightly	240L	F'nightly	140L	F'nightly
550	Bega Valley	N	4	240L	F'nightly	240L	Monthly	140L	Weekly
600	Bellingen	R	11	240L	F'nightly	240L	Weekly	240L	F'nightly
650	Berrigan	N	10	240L	F'nightly	No service	–	120L	Weekly
750	Blacktown	S	3	240L	F'nightly	No service	–	240L	Weekly
800	Bland	N	10	No service	–	No service	–	240L	Weekly
850	Blayney	N	10	240L	F'nightly	No service	–	240L	Weekly
900	Blue Mountains	R	7	140L	Weekly	No service	–	240L	Weekly
950	Bogan	N	9	240L	F'nightly	No service	–	240L	Weekly
1000	Bombala	N	9	Crate	Weekly	No service	–	140L	Weekly
1050	Boorowa	N	9	240L	F'nightly	No service	–	140L	Weekly
1100	Botany Bay	S	2	Crate	Weekly	Other	Weekly	240L	Weekly
1150	Bourke	N	9	No service	–	No service	–	240L	Weekly
1200	Brewarrina	N	9	No service	–	No service	–	240L	Weekly
1250	Broken Hill	N	4	No service	–	240L	F'nightly	240L	Weekly
1300	Burwood	S	2	240L	F'nightly	240L	F'nightly	120L	Weekly

ABS	Council name	Region	DLG group	Dry recycling		Organics		Residual waste	
				Predominant bin size	Frequency	Predominant bin size	Frequency	Predominant bin size	Frequency
1350	Byron	R	4	240L	F'nightly	No service	–	140L	Weekly
1400	Cabonne	N	11	240L	F'nightly	No service	–	240L	Weekly
1450	Camden	S	6	240L	Weekly	240L	Weekly	120L	Weekly
1500	Campbelltown	S	7	240L	F'nightly	240L	F'nightly	140L	Weekly
1520	Canada Bay	S	2	240L	F'nightly	240L	F'nightly	120L	Weekly
1550	Canterbury	S	3	240L	F'nightly	240L	F'nightly	140L	Weekly
1600	Carrathool	N	9	No Service	–	No service	–	240L	Weekly
1700	Central Darling	N	9	No Service	–	No service	–	240L	Weekly
1720	Cessnock	E	4	240L	F'nightly	No service	–	240L	Weekly
1730	Clarence Valley	R	4	340L	F'nightly	240L	F'nightly	240L	F'nightly
1750	Cobar	N	10	No Service	–	No service	–	240L	Weekly
1800	Coffs Harbour	R	4	240L	F'nightly	240L	Weekly	240L	F'nightly
1860	Conargo	N	8	No Service	–	No service	–	No Service	–
2000	Coolamon	N	9	240L	F'nightly	240L	F'nightly	140L	Weekly
2060	Cooma-Monaro	N	10	140L	F'nightly	240L	F'nightly	240L	Weekly
2150	Coonamble	N	9	No Service	–	No service	–	240L	Weekly
2200	Cootamundra	N	10	240L	F'nightly	No service	–	140L	Weekly
2310	Corowa	N	11	240L	F'nightly	No service	–	240L	Weekly
2350	Cowra	N	11	240L	F'nightly	No service	–	240L	Weekly
2500	Deniliquin	N	4	No Service	–	No service	–	240L	Weekly
2600	Dubbo	N	4	240L	F'nightly	No service	–	240L	Weekly
2700	Dungog	R	10	240L	F'nightly	No service	–	240L	Weekly
2750	Eurobodalla	N	4	240L	F'nightly	240L	F'nightly	80L	Weekly
2850	Fairfield	S	3	240L	F'nightly	No service	–	240L	Weekly
2900	Forbes	N	10	240L	F'nightly	No service	–	240L	Weekly
2950	Gilgandra	N	9	240L	F'nightly	No service	–	240L	Weekly

ABS	Council name	Region	DLG group	Dry recycling		Organics		Residual waste	
				Predominant bin size	Frequency	Predominant bin size	Frequency	Predominant bin size	Frequency
3020	Glen Innes Severn	N	6	240L	F'nightly	No service	-	140L	Weekly
3050	Gloucester	R	9	240L	F'nightly	240L	F'nightly	240L	Weekly
3100	Gosford	E	7	240L	F'nightly	240L	F'nightly	120L	Weekly
3310	Goulburn Mulwarree	N	4	240L	F'nightly	240L	Monthly	140L	Weekly
3350	Greater Taree	R	4	240L	F'nightly	240L	F'nightly	140L	Weekly
3370	Greater Hume	N	11	240L	F'nightly	No service	-	240L	Weekly
3400	Great Lakes	R	4	240L	F'nightly	240L	F'nightly	140L	Weekly
3450	Griffith City	N	4	240L	F'nightly	No service	-	240L	Weekly
3500	Gundagai	N	9	240L	F'nightly	No service	-	120L	Weekly
3550	Gunnedah	N	11	120L	Weekly	240L	F'nightly	140L	Weekly
3650	Guyra	N	9	55L	Weekly	No service	-	140L	Weekly
3660	Gwydir	N	10	240L	F'nightly	No service	-	240L	Weekly
3700	Harden	N	9	240L	F'nightly	240L	F'nightly	140L	Weekly
3750	Port Macquarie - Hastings	R	4	240L	F'nightly	240L	Weekly	120L	Weekly
3800	Hawkesbury	E	6	240L	F'nightly	No service	-	240L	Weekly
3850	Hay	N	9	No service	-	No service	-	240L	Weekly
3950	Holroyd	S	3	240L	F'nightly	No service	-	240L	Weekly
4000	Hornsby	S	7	240L	F'nightly	240L	F'nightly	140L	Weekly
4100	Hunters Hill	S	2	120L	Weekly	240L	Monthly	120L	Weekly
4150	Hurstville	S	3	240L	F'nightly	240L	F'nightly	120L	Weekly
4200	Inverell	N	11	240L	F'nightly	No service	-	240L	Weekly
4250	Jerilderie	N	8	No service	-	No service	-	240L	Weekly
4300	Junee	N	10	240L	F'nightly	No service	-	120L	Weekly
4350	Kempsey	R	4	240L	F'nightly	240L	F'nightly	140L	Weekly

ABS	Council name	Region	DLG group	Dry recycling		Organics		Residual waste	
				Predominant bin size	Frequency	Predominant bin size	Frequency	Predominant bin size	Frequency
4400	Kiama	E	4	240L	F'nightly	240L	F'nightly	140L	Weekly
4450	Kogarah	S	2	240L	F'nightly	240L	F'nightly	120L	Weekly
4500	Ku-ring-gai	S	3	240L	F'nightly	340L	F'nightly	120L	Weekly
4550	Kyogle	R	10	240L Split (W/R)	Weekly	No Service	-	240L Split (W/R)	Weekly
4600	Lachlan	N	10	No Service	-	240L	F'nightly	240L	Weekly
4650	Lake Macquarie	E	5	240L	F'nightly	240L	F'nightly	240L	Weekly
4700	Lane Cove	S	2	2 x 120L	F'nightly	Other	Monthly	80L	Weekly
4750	Leeton	N	11	240L	F'nightly	No Service	-	240L	Weekly
4800	Leichhardt	S	2	2 x 120L	F'nightly	Other	Weekly	120L	Weekly
4850	Lismore	R	4	240L	F'nightly	240L	Weekly	140L	F'nightly
4880	Lithgow	N	4	Crate	Weekly	No Service	-	240L	Weekly
4900	Liverpool	S	7	240L	F'nightly	240L	F'nightly	140L	Weekly
4920	Liverpool Plains	N	10	240L	F'nightly	No Service	-	240L	Weekly
4950	Lockhart	N	9	240L	F'nightly	No Service	-	240L	Weekly
5050	Maitland	E	4	240L	F'nightly	No Service	-	240L	Weekly
5150	Manly	S	2	240L	F'nightly	240L	Monthly	240L	Weekly
5200	Marrickville	S	3	240L	F'nightly	240L	F'nightly	140L	Weekly
5270	Mid-Western	N	4	2 x 120L	F'nightly	No Service	-	240L	Weekly
5300	Moree Plains	N	11	240L	F'nightly	No Service	-	140L	Weekly
5350	Mosman	S	2	2 x 120L	F'nightly	240L	Monthly	120L	Weekly
5500	Murray	N	10	240L	F'nightly	No Service	-	140L	Weekly
5550	Murrumbidgee	N	9	240L	F'nightly	No Service	-	240L	Weekly
5650	Muswellbrook	R	11	240L	F'nightly	240L	F'nightly	140L	Weekly
5700	Nambucca	R	11	240L	F'nightly	240L	Weekly	240L	F'nightly
5750	Narrabri	N	11	240L	F'nightly	No Service	-	120L	Weekly
5800	Narrandera	N	10	240L	F'nightly	No Service	-	240L	Weekly

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ABS	Council name	Region	DLG group	Dry recycling		Organics		Residual waste	
				Predominant bin size	Frequency	Predominant bin size	Frequency	Predominant bin size	Frequency
5850	Narromine	N	10	240L	F'nightly	No service	–	240L	Weekly
5900	Newcastle	E	5	240L	F'nightly	240L	F'nightly	140L	Weekly
5950	North Sydney	S	2	240L	Weekly	240L	F'nightly	240L	Weekly
6110	Oberon	N	10	No service	–	No service	–	240L	Weekly
6150	Orange	N	4	240L	F'nightly	No service	–	240L	Weekly
6180	Palerang	N	11	240L	F'nightly	No service	–	140L	Weekly
6200	Parkes	N	11	240L	F'nightly	No service	–	240L	Weekly
6250	Parramatta	S	3	240L	F'nightly	240L	F'nightly	140L	Weekly
6350	Penrith	S	7	240L	F'nightly	240L	Weekly	140L	F'nightly
6370	Pittwater	S	2	140L	F'nightly	240L	Monthly	80L	Weekly
6400	Port Stephens	E	4	240L	F'nightly	No service	–	240L	Weekly
6470	Queanbeyan	N	4	240L	F'nightly	240L	F'nightly	140L	Weekly
6550	Randwick	S	3	240L	F'nightly	240L	F'nightly	240L	Weekly
6610	Richmond Valley	R	4	240L	F'nightly	240L	F'nightly	240L	Weekly
6650	Rockdale	S	3	240L	F'nightly	No service	–	240L	Weekly
6700	Ryde	S	3	240L	F'nightly	240L	F'nightly	140L	Weekly
6900	Shellharbour	E	4	240L	F'nightly	240L	F'nightly	240L	F'nightly
6950	Shoalhaven	E	5	240L	F'nightly	No service	–	120L	Weekly
7000	Singleton	R	4	240L	F'nightly	No service	–	240L	Weekly
7050	Snowy River	N	10	340L	F'nightly	No service	–	240L	Weekly
7100	Strathfield	S	2	240L	F'nightly	240L	F'nightly	120L	Weekly
7150	Sutherland	S	3	240L	F'nightly	240L	F'nightly	120L	Weekly
7210	Sydney	S	1	240L	Weekly	240L	F'nightly	240L	Weekly
7310	Tamworth Regional	N	4	240L	F'nightly	240L	F'nightly	240L	Weekly
7350	Temora	N	10	No service	–	No service	–	240L	Weekly
7400	Tenterfield	N	10	No service	–	No service	–	120L	Weekly

ABS	Council name	Region	DLG group	Dry recycling		Organics		Residual waste	
				Predominant bin size	Frequency	Predominant bin size	Frequency	Predominant bin size	Frequency
7450	Tumbarumba	N	9	240L	F'nightly	No service	–	140L	Weekly
7510	Tumut	N	11	240L	F'nightly	No service	–	120L	Weekly
7550	Tweed	R	5	240L	F'nightly	240L	F'nightly	140L	Weekly
7620	Upper Hunter	R	11	240L	F'nightly	No service	–	240L	Weekly
7640	Upper Lachlan	N	10	240L	F'nightly	No service	–	120L	Weekly
7650	Uralla	N	10	240L	Weekly	240L	F'nightly	140L	Weekly
7700	Urana Shire	N	8	No service	–	No service	–	240L	Weekly
7750	Wagga Wagga	N	4	240L	F'nightly	240L	F'nightly	120L	Weekly
7800	Wakool	N	9	240L	F'nightly	No service	–	120L	Weekly
7850	Walcha	N	9	240L	F'nightly	240L	F'nightly	140L	Weekly
7900	Walgett	N	10	No service	–	No service	–	240L	Weekly
7950	Warren Shire	N	9	No service	–	No service	–	240L	Weekly
8000	Warringham	S	3	2 x 120L	F'nightly	240L	F'nightly	80L	Weekly
8020	Warrumbungle	N	11	Crate	Weekly	No service	–	240L	Weekly
8050	Waverley	S	2	240L	F'nightly	240L	F'nightly	240L	Weekly
8100	Weddin	N	9	240L	F'nightly	No service	–	240L	Weekly
8150	Wellington	N	10	No service	–	No service	–	240L	Weekly
8200	Wentworth	N	10	No service	–	No service	–	240L	Weekly
8250	Willoughby	S	2	240L	Weekly	240L	Weekly	140L	Weekly
8350	Wingecarribee	E	4	240L	F'nightly	No service	–	80L	Weekly
8400	Wollondilly	R	6	240L	F'nightly	240L	F'nightly	120L	Weekly
8450	Wollongong	E	5	240L	F'nightly	240L	F'nightly	120L	Weekly
8500	Woollahra	S	2	240L	Weekly	240L	Weekly	240L	Weekly
8550	Wyong	E	7	240L	F'nightly	240L	F'nightly	140L	Weekly
8710	Yass	N	11	240L	F'nightly	No service	–	140L	Weekly
8750	Young	N	11	240L	Weekly	No service	–	140L	Weekly

## Appendix 10: Alternative waste treatment (AWT) 2012–13

ABS	Council name	Region	Sent	Recovered	Landfilled	Recovery %	Facility
600	Bellingen	R	1,332	647	685	48.6%	Biomass Solutions, Coffs Harbour
1800	Coffs Harbour	R	11,943	5,807	6,137	48.6%	Biomass Solutions, Coffs Harbour
5700	Nambucca	R	2,872	1,396	1,476	48.6%	Biomass Solutions, Coffs Harbour
750	Blacktown	S	95,621	55,224	40,397	57.8%	GRL Global Renewables, UR-3R, Eastern Creek
1520	City of Canada Bay Council	S	4,201	2,380	1,821	56.7%	GRL Global Renewables, UR-3R, Eastern Creek
2850	Fairfield	S	63,513	33,164	30,349	52.2%	GRL Global Renewables, UR-3R, Eastern Creek
3950	Holroyd	S	30,143	17,483	12,660	58.0%	GRL Global Renewables, UR-3R, Eastern Creek
4100	Hunters Hill	S	2,829	1,633	1,196	57.7%	GRL Global Renewables, UR-3R, Eastern Creek
5950	North Sydney	S	11,692	6,781	4,911	58.0%	GRL Global Renewables, UR-3R, Eastern Creek
6250	Parramatta City Council	S	1,500	900	600	60.0%	GRL Global Renewables, UR-3R, Eastern Creek
6650	Rockdale City Council	S	18,732	10,190	8,542	54.4%	GRL Global Renewables, UR-3R, Eastern Creek
8250	Willoughby	S	10,053	5,670	4,383	56.4%	GRL Global Renewables, UR-3R, Eastern Creek
6400	Port Stephens	E	25,440	11,906	13,534	46.8%	SITA Advanced Resource Recovery Technology, ARRT - Raymond Terrace
1450	Camden	S	12,799	6,979	5,820	54.5%	SITA Advanced Resource Recovery Technology, ARRT - Spring Farm / Jacks Gully
1500	Campbelltown	S	31,035	15,193	15,842	49.0%	SITA Advanced Resource Recovery Technology, ARRT - Spring Farm / Jacks Gully
8350	Wingecarribee	E	7,230	4,627	2,603	64.0%	SITA Advanced Resource Recovery Technology, ARRT - Spring Farm / Jacks Gully
8400	Wollondilly	R	9,330	4,185	5,145	44.9%	SITA Advanced Resource Recovery Technology, ARRT - Spring Farm / Jacks Gully
4900	Liverpool	S	41,329	22,730	18,599	55.0%	SITA SAWT, Kemps Creek
6350	Penrith	S	6,210	3,105	3,105	50.0%	SITA SAWT, Kemps Creek

ABS	Council name	Region	Sent	Recovered	Landfilled	Recovery %	Facility
6550	Randwick City Council	S	9,787	5,013	4,774	51.2%	SITA SAWT, Kemps Creek
7210	Sydney	S	39,550	21,199	18,351	53.6%	SITA SAWT, Kemps Creek
<b>Total</b>			<b>437,141</b>	<b>236,212</b>	<b>200,929</b>	<b>54.0%</b>	

Under 'Region', S = Sydney Metropolitan Area (SMA); E = Extended Regulated Area (ERA); R = Regional Regulated Area (RRA); N = Rest of the state

### Appendix 11: Domestic waste management charges 2012–13

ABS	Council name	Region	DLG group	Domestic waste management charge SUDs			Overall \$
				Residual waste \$	Dry recycling \$	Organics \$	
60	Albury	N	4	115	30	71	216
110	Armidale Dumaresq	N	4	–	–	–	265
150	Ashfield	S	2	323	–	77	323
200	Auburn	S	2	–	–	–	390
250	Ballina	R	4	–	–	–	392
300	Balranald	N	9	276	–	–	276
350	Bankstown	S	3	–	–	–	345
470	Bathurst	N	4	154	69	–	223
500	Baulkham Hills	S	7	355	–	–	355
550	Bega Valley	N	4	371	–	51	421
600	Bellingen	R	11	–	–	–	579
650	Berrigan	N	10	241	–	–	241



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ABS	Council name	Region	DLG group	Domestic waste management charge SUDs			Overall \$
				Residual waste \$	Dry recycling \$	Organics \$	
750	Blacktown	S	3	270	50	–	342
800	Bland	N	10	–	–	–	308
850	Blayney	N	10	300	–	–	300
900	Blue Mountains	R	7	–	–	–	342
950	Bogan	N	9	162	92	–	252
1000	Bombala	N	9	295	–	–	295
1050	Boorowa	N	9	142	47	–	189
1100	Botany Bay	S	2	390	–	–	390
1150	Bourke	N	9	250	–	–	250
1200	Brewarrina	N	9	–	–	–	213
1250	Broken Hill	N	4	260	–	–	260
1300	Burwood	S	2	–	–	–	357
1350	Byron	R	4	–	–	–	240
1400	Cabonne	N	11	–	–	–	295
1450	Camden	S	6	–	–	–	290
1500	Campbelltown	S	7	–	–	–	255
1520	Canada Bay	S	2	200	71	40	350
1550	Canterbury	S	3	–	–	–	338
1600	Carrathool	N	9	110	–	–	250
1700	Central Darling	N	9	429	–	–	429
1720	Cessnock	E	4	–	61	–	325

ABS	Council name	Region	DLG group	Domestic waste management charge SUDs			Overall \$
				Residual waste \$	Dry recycling \$	Organics \$	
1730	Clarence Valley	R	4	169	70	52	291
1750	Cobar	N	10	-	-	-	195
1800	Coffs Harbour	R	4	-	-	-	460
1860	Conargo	N	8	-	-	-	-
2000	Coolamon	N	9	170	82	52	304
2060	Cooma-Monaro	N	10	269	78	-	347
2150	Coonamble	N	9	280	-	-	280
2200	Cootamundra	N	10	284	-	-	284
2310	Corowa	N	11	-	-	-	230
2350	Cowra	N	11	404	91	-	495
2500	Deniliquin	N	4	290	-	-	290
2600	Dubbo	N	4	152	89	-	258
2700	Dungog	R	10	198	100	-	298
2750	Eurobodalla	N	4	-	-	-	259
2850	Fairfield	S	3	-	-	-	395
2900	Forbes	N	10	261	54	-	314
2950	Gilgandra	N	9	342	-	-	342
3020	Glen Innes Severn	N	6	183	92	-	275
3050	Gloucester	R	9	-	-	-	509
3100	Gosford	E	7	-	-	-	305
3310	Goulburn Mulwarree	N	4	-	24	-	245

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ABS	Council name	Region	DLG group	Domestic waste management charge SUDs			Overall \$
				Residual waste \$	Dry recycling \$	Organics \$	
3350	Greater Taree	R	4	280	145	178	359
3370	Greater Hume	N	11	150	75	–	215
3400	Great Lakes	R	4	–	–	–	328
3450	Griffith City	N	4	239	118	–	357
3500	Gundagai	N	9	110	150	–	260
3550	Gunnedah	N	11	138	112	65	315
3650	Guyra	N	9	215	–	–	215
3660	Gwydir	N	10	–	–	–	500
3700	Harden	N	9	–	–	–	336
3750	Port Macquarie - Hastings	R	4	–	–	–	413
3800	Hawkesbury	E	6	–	–	–	-
3850	Hay	N	9	216	–	–	216
3950	Holroyd	S	3	–	–	–	417
4000	Hornsby	S	7	227	33	68	361
4100	Hunters Hill	S	2	–	–	–	387
4150	Hurstville	S	3	–	–	–	320
4200	Inverell	N	11	268	–	–	320
4250	Jerilderie	N	8	180	–	–	180
4300	Junee	N	10	–	–	–	269
4350	Kempsey	R	4	–	–	–	378
4400	Kiama	E	4	–	–	–	413

ABS	Council name	Region	DLG group	Domestic waste management charge SUDs			Overall \$
				Residual waste \$	Dry recycling \$	Organics \$	
4500	Kogarah	S	2	-	-	-	391
4500	Ku-ring-gai	S	3	-	-	-	350
4550	Kyogle	R	10	439	439	-	439
4600	Lachlan	N	10	250	-	50	250
4650	Lake Macquarie	E	5	-	-	-	371
4700	Lane Cove	S	2	-	-	-	377
4750	Leeton	N	11	247	116	-	216
4800	Leichhardt	S	2	268	72	28	368
4850	Lismore	R	4	262	-	-	262
4880	Lithgow	N	4	-	-	-	387
4900	Liverpool	S	7	-	-	-	318
4920	Liverpool Plains	N	10	-	-	-	337
4950	Lockhart	N	9	210	105	-	315
5050	Maitland	E	4	287	64	-	351
5150	Manly	S	2	-	-	-	475
5200	Marrickville	S	3	428	-	-	428
5270	Mid-Western	N	4	-	-	-	158
5300	Moree Plains	N	11	-	-	-	291
5350	Mosman	S	2	-	-	-	297
5500	Murray	N	10	95	95	-	190
5550	Murrumbidgee	N	9	105	105	-	110

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ABS	Council name	Region	DLG group	Domestic waste management charge SUDs			Overall \$
				Residual waste \$	Dry recycling \$	Organics \$	
5650	Muswellbrook	R	11	-	-	-	290
5700	Nambucca	R	11	39	64	59	484
5750	Narrabri	N	11	-	-	-	357
5800	Narrandera	N	10	-	-	-	240
5850	Narromine	N	10	360	90	-	450
5900	Newcastle	E	5	-	-	-	314
5950	North Sydney	S	2	-	-	-	256
6110	Oberon	N	10	188	-	-	188
6150	Orange	N	4	182	57	80	319
6180	Palerang	N	11	-	-	-	305
6200	Parkes	N	11	-	-	-	290
6250	Parramatta	S	3	144	88	88	320
6350	Penrith	S	7	-	-	-	298
6370	Pittwater	S	2	-	-	-	470
6400	Port Stephens	E	4	224	112	-	336
6470	Queanbeyan	N	4	103	70	70	258
6550	Randwick	S	3	-	-	-	465
6610	Richmond Valley	R	4	355	-	-	355
6650	Rockdale	S	3	-	-	-	363
6700	Ryde	S	3	269	43	43	354
6900	Shellharbour	E	4	-	-	-	360

ABS	Council name	Region	DLG group	Domestic waste management charge SUDs			Overall \$
				Residual waste \$	Dry recycling \$	Organics \$	
6950	Shoalhaven	E	5	-	-	-	263
7000	Singleton	R	4	-	-	-	363
7050	Snowy River	N	10	240	96	-	336
7100	Strathfield	S	2	-	-	-	433
7150	Sutherland	S	3	146	61	44	292
7210	Sydney	S	1	341	-	-	341
7310	Tamworth Regional	N	4	-	-	-	257
7350	Temora	N	10	179	-	-	179
7400	Tenterfield	N	10	-	-	-	225
7450	Tumbarumba	N	9	333	110	-	443
7510	Tumut	N	11	290	-	-	290
7550	Tweed	R	5	145	62	54	260
7620	Upper Hunter	R	11	368	95	-	452
7640	Upper Lachlan	N	10	-	-	-	356
7650	Uralla	N	10	87	68	38	87
7700	Urana Shire	N	8	175	-	-	175
7750	Wagga Wagga	N	4	-	-	-	263
7800	Wakool	N	9	124	137	-	261
7850	Walcha	N	9	-	-	-	390
7900	Walgett	N	10	431	-	-	476
7950	Warren Shire	N	9	-	-	-	220

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ABS	Council name	Region	DLG group	Domestic waste management charge SUDs			Overall \$
				Residual waste \$	Dry recycling \$	Organics \$	
8000	Warringah	S	3	–	–	–	293
8020	Warrumbungle	N	11	400	–	–	400
8050	Waverley	S	2	–	–	–	408
8100	Weddin	N	9	158	79	–	237
8150	Wellington	N	10	–	–	–	334
8200	Wentworth	N	10	200	–	–	200
8250	Willoughby	S	2	–	–	–	438
8350	Wingecarribee	E	4	–	–	–	282
8400	Wollondilly	R	6	–	–	–	429
8450	Wollongong	E	5	370	–	–	370
8500	Woollahra	S	2	–	–	–	374
8550	Wyong	E	7	299	70	70	460
8710	Yass	N	11	–	–	–	291
8750	Young	N	11	240	62	–	302

Under 'Region', S = Sydney Metropolitan Area (SMA); E = Extended Regulated Area (ERA); R = Regional Regulated Area (RRA); N = Rest of the state