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CDL Containers & Plastic Shopping Bags in the Litter Stream

2018-19

Project 11568 | December 2019

Contents

Introduction, Background and Methodology	2
CDL Containers & Thin Plastic Shopping Bags Analysis – Proportion of Litter	4
• CDL Item Comparison	5
• Thin Plastic Shopping Bag Comparison	7
CDL Containers & Thin Plastic Shopping Bags Analysis – Per 1,000m ²	9
• CDL Items per 1,000m ² Comparison	10
• Thin Plastic Shopping Bags per 1,000m ² Comparison	12
Appendix : CDL Container & Thin Plastic Shopping Bag Tables	14

A lightbulb is shown on the right side of the image, glowing with a bright light. The background is a dark chalkboard with white chalk lines. A red vertical bar is on the left side of the image.

INTRODUCTION BACKGROUND & RESEARCH METHODOLOGY

INTRODUCTION, BACKGROUND AND METHODOLOGY

This document has been prepared to report on the percentage of beverage items covered under the South Australian Container Deposit Legislation (CDL) and the percentage of thin plastic shopping bags (less than 35 microns) counted in the KAB National Litter Index for 2008/09, 2009/10 and 2010/11, 2011/12, 2012/13, 2013/14, 2014/15, 2015/16, 2016/17, 2017/18 and 2018/19.

BACKGROUND

KESAB commenced regular litter monitoring in 1998 and in 2005 KAB, utilising the same litter count methodology used by KESAB and through the support of the Australian Government, recommenced its bi-annual litter count and the annual National Litter Index (NLI).

The NLI counts are conducted in November and May each year, across the Australian Capital Territory, New South Wales, the Northern Territory, Queensland, South Australia, Tasmania, Victoria and Western Australia. The November and May data is collated and used to report annually on the findings about litter in Australia.

In 1975 the South Australian Government introduced the Container Deposit Legislation (CDL) that imposed a deposit on a range of beverage containers. The deposit is included in the retail price and refunded when the container is returned to a collection point.

In January 2003, the CDL was extended to cover most beverages under 1 litre, such as juice cartons, fruit boxes, flavoured milk cartons, etc.

In September 2008 the deposit on drink containers covered by the CDL was increased from 5 cents to 10 cents.

In May 2009 the South Australian Government banned thin plastic shopping bags less than 35 microns.

METHODOLOGY

Items included in the South Australian Container Deposit Legislation (CDL) have been used for the purpose of comparing the percentage of these items in the litter stream among different states and territories. All data has been drawn from the 2008/09, 2009/10, 2010/11, 2011/12, 2012/13, 2013/14, 2014/15, 2015/16, 2016/17, 2017/18 and 2018/19 KAB National Litter Index recorded figures.

Similarly, only the data drawn from the 2008/09, 2009/10, 2010/11, 2011/12, 2012/13, 2013/14, 2014/15, 2015/16, 2016/17, 2017/18 and 2018/19 KAB National Litter Counts were used in calculating the percentage of thin plastic shopping bags in the litter stream among different states and territories.

**CDL
Containers &
Thin Plastic
Shopping Bags
Analysis –
Proportion of
Litter**



CDL Item Percentage Comparison

The number of beverage items covered under the South Australian Container Deposit Legislation (CDL) counted in the litter stream were compared to the overall number of items counted in the litter stream in NSW, NT, QLD, SA, VIC and WA to derive the percentage of CDL items in the litter stream for each state and territory for 2008/09, 2009/10, 2010/11, 2011/12, 2012/13, 2013/14, 2014/15, 2015/16, 2016/17, 2017/18 and 2018/19.

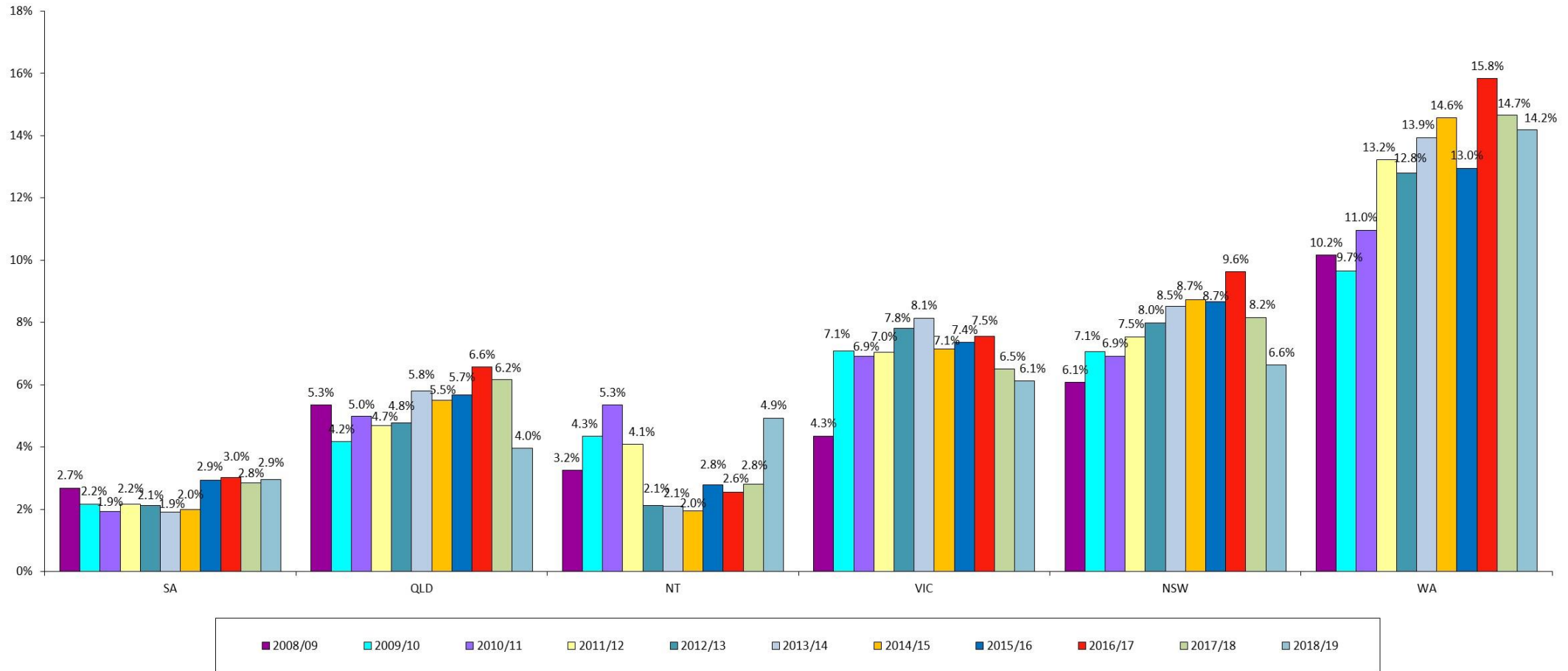
The percentage of CDL items in the litter stream for NSW, NT, QLD, SA, VIC and WA is represented in the table opposite.

State/ Territory	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
SA	2.7%	2.2%	1.9%	2.2%	2.1%	1.9%	2.0%	2.9%	3.0%	2.8%	2.9%
QLD	5.3%	4.2%	5.0%	4.7%	4.8%	5.8%	5.5%	5.7%	6.6%	6.2%	4.0%
NT	3.2%	4.3%	5.3%	4.1%	2.1%	2.1%	2.0%	2.8%	2.6%	2.8%	4.9%
VIC	4.3%	7.1%	6.9%	7.0%	7.8%	8.1%	7.1%	7.4%	7.5%	6.5%	6.1%
NSW	6.1%	7.1%	6.9%	7.5%	8.0%	8.5%	8.7%	8.7%	9.6%	8.2%	6.6%
WA	10.2%	9.7%	11.0%	13.2%	12.8%	13.9%	14.6%	13.0%	15.8%	14.7%	14.2%

Analysis of the results reveals that SA had the lowest percentage of CDL items in their litter stream in 2018/19 followed by QLD, NT, VIC, NSW and WA. The percentage of CDL litter items in the litter stream for states and territories over the last 10 years were:

- SA (2.9% in 2018/19, up from 2.8% in 2017/18, down from 3.0% in 2016/17, the same as 2.9% in 2015/16, up from 2.0% in 2014/15, 1.9% in 2013/14, 2.1% in 2012/13, 2.2% in 2011/12, 1.9% in 2010/11, 2.2% in 2009/10 and 2.7% in 2008/09)
- QLD (4.0% in 2018/19, down from 6.2% in 2017/18, 6.6% in 2016/17, 5.7% in 2015/16, 5.5% in 2014/15, 5.8% in 2013/14, 4.8% in 2012/13, 4.7% in 2011/12, 5.0% in 2010/11, 4.2% in 2009/10 and 5.3% in 2008/09)
- NT (4.9% in 2018/19, up from 2.8% in 2017/18, 2.6% in 2016/17, 2.8% in 2015/16, 2.0% in 2014/15, 2.1% in 2013/14 and 2012/13, 4.1% in 2011/12, down from 5.3% in 2010/11, up from 4.3% in 2009/10 and 3.2% in 2008/09)
- VIC (6.1% in 2018/19, down from 6.5% in 2017/18, 7.5% in 2016/17, 7.4% in 2015/16, 7.1% in 2014/15, 8.1% in 2013/14, 7.8% in 2012/13, 7.0% in 2011/12, 6.9% in 2010/11, 7.1% in 2009/10 and up from 4.3% in 2008/09)
- NSW (6.6% in 2018/19, down from 8.2% in 2017/18, 9.6% in 2016/17, 8.7% in 2015/16, 8.7% in 2014/15, 8.5% in 2013/14, 8.0% in 2012/13, 7.5% in 2011/12, 6.9% in 2010/11, 7.1% in 2009/10 and up from 6.1% in 2008/09)
- WA (14.2% in 2018/19, down from 14.7% in 2017/18, 15.8% in 2016/17, up from 13.0% in 2015/16, down from 14.6% in 2014/15, up from 13.9% in 2013/14, 12.8% in 2012/13, 13.2% in 2011/12, 11.0% in 2010/11, 9.7% in 2009/10 and 10.2% in 2008/09)

% CDL Beverage Containers in the Litter Stream



Thin Plastic Shopping Bag Percentage Comparison

The number of thin plastic shopping bags (less than 35 microns) which are banned in South Australia, that were counted in the litter stream were compared to the overall number of items counted in the litter stream in NSW, NT, QLD, SA, VIC and WA to derive the percentage of thin plastic shopping bags in the litter stream for each year from 2008/09, 2017/18 and 2018/19.

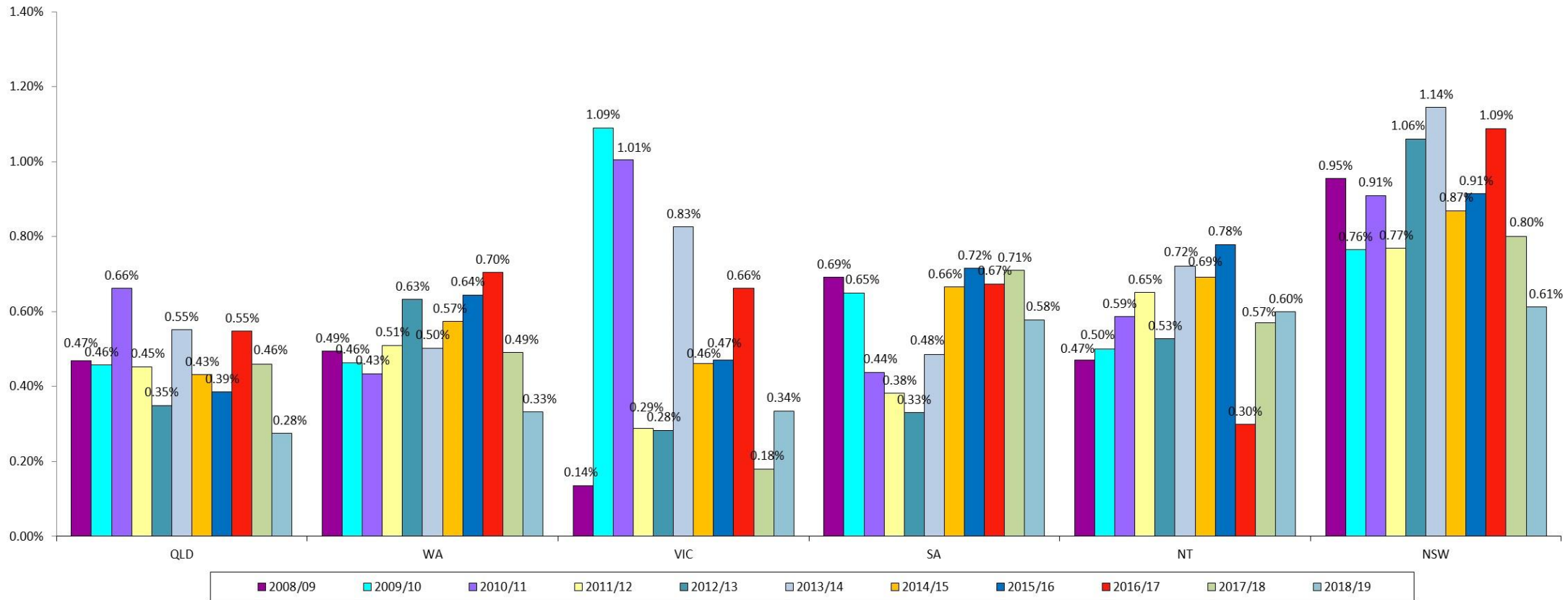
The percentage of thin plastic shopping bags in the litter stream for NSW, NT, QLD, SA, VIC and WA is represented in the table opposite.

State/ Territory	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
QLD	0.47%	0.46%	0.66%	0.45%	0.35%	0.55%	0.43%	0.39%	0.55%	0.46%	0.28%
WA	0.49%	0.46%	0.43%	0.51%	0.63%	0.50%	0.57%	0.64%	0.70%	0.49%	0.33%
VIC	0.14%	1.09%	1.01%	0.29%	0.28%	0.83%	0.46%	0.47%	0.66%	0.18%	0.34%
SA	0.69%	0.65%	0.44%	0.38%	0.33%	0.48%	0.66%	0.72%	0.67%	0.71%	0.58%
NT	0.47%	0.50%	0.59%	0.65%	0.53%	0.72%	0.69%	0.78%	0.30%	0.57%	0.60%
NSW	0.95%	0.76%	0.91%	0.77%	1.06%	1.14%	0.87%	0.91%	1.09%	0.80%	0.61%

Analysis of the results reveal QLD had the lowest percentage of thin plastic shopping bags in their litter stream in 2018/19 followed by WA, VIC, SA, NT, and NSW. The percentage of thin plastic shopping bags in the litter stream over the last 10 years were:

- QLD (0.28% in 2018/19, down from 0.46% in 2017/18, 0.55% in 2016/17, 0.39% in 2015/16, 0.43% in 2014/15, 0.55% in 2013/14, 0.35% in 2012/13, 0.45% in 2011/12, 0.66% in 2010/11, 0.46% in 2009/10 and 0.47% in 2008/09)
- WA (0.33% in 2018/19, down from 0.49% in 2017/18, 0.70% in 2016/17, 0.64% in 2015/16, 0.57% in 2014/15, 0.50% in 2013/14, 0.63% in 2012/13, 0.51% in 2011/12, 0.43% in 2010/11, 0.46% in 2009/10 and 0.49% in 2008/09)
- VIC (0.34% in 2018/19, up from 0.18% in 2017/18, down from 0.66% in 2016/17, 0.47% in 2015/16, 0.46% in 2014/15, 0.83% in 2013/14, 0.28% in 2012/13, 0.29% in 2011/12, 1.01% in 2010/11, 1.09% in 2009/10 and 0.14% in 2008/09)
- SA (0.58% in 2018/19, down from 0.71% in 2017/18, 0.67% in 2016/17, 0.72% in 2015/16, 0.66% in 2014/15, up from 0.48% in 2013/14, 0.33% in 2012/13, 0.38% in 2011/12, 0.44% in 2010/11, down from 0.65% in 2009/10 and 0.69% in 2008/09)
- NT (0.60% in 2018/19, up from 0.57% in 2017/18, 0.30% in 2016/17, down from 0.78% in 2015/16, 0.69% in 2014/15, 0.72% in 2013/14, up from 0.53% in 2012/13, down from 0.65% in 2011/12, up from 0.59% in 2010/11, 0.50% in 2009/10 and 0.47% in 2008/09)
- NSW (0.61% in 2018/19, down from 0.80% in 2017/18, 1.09% in 2016/17, 0.91% in 2015/16, 0.87% in 2014/15, 1.14% in 2013/14, 1.06% in 2012/13, 0.77% in 2011/12, 0.91% in 2010/11, 0.76% in 2009/10 and 0.95% in 2008/09)

% Thin Plastic Shopping Bags in the Litter Stream



**CDL
Containers &
Thin Plastic
Shopping Bags
Analysis –
Items Per
1,000m²**



CDL Items per 1,000m² Comparison

The number of beverage items covered under the South Australian Container Deposit Legislation (CDL) counted in the litter stream were compared to the overall number of items counted in the litter stream in NSW, NT, QLD, SA, VIC and WA to derive the number of CDL items per 1,000m² in the litter stream for each state and territory for 2008/09, 2009/10, 2010/11, 2011/12, 2012/13, 2013/14, 2014/15, 2015/16, 2016/17, 2017/18 and 2018/19.

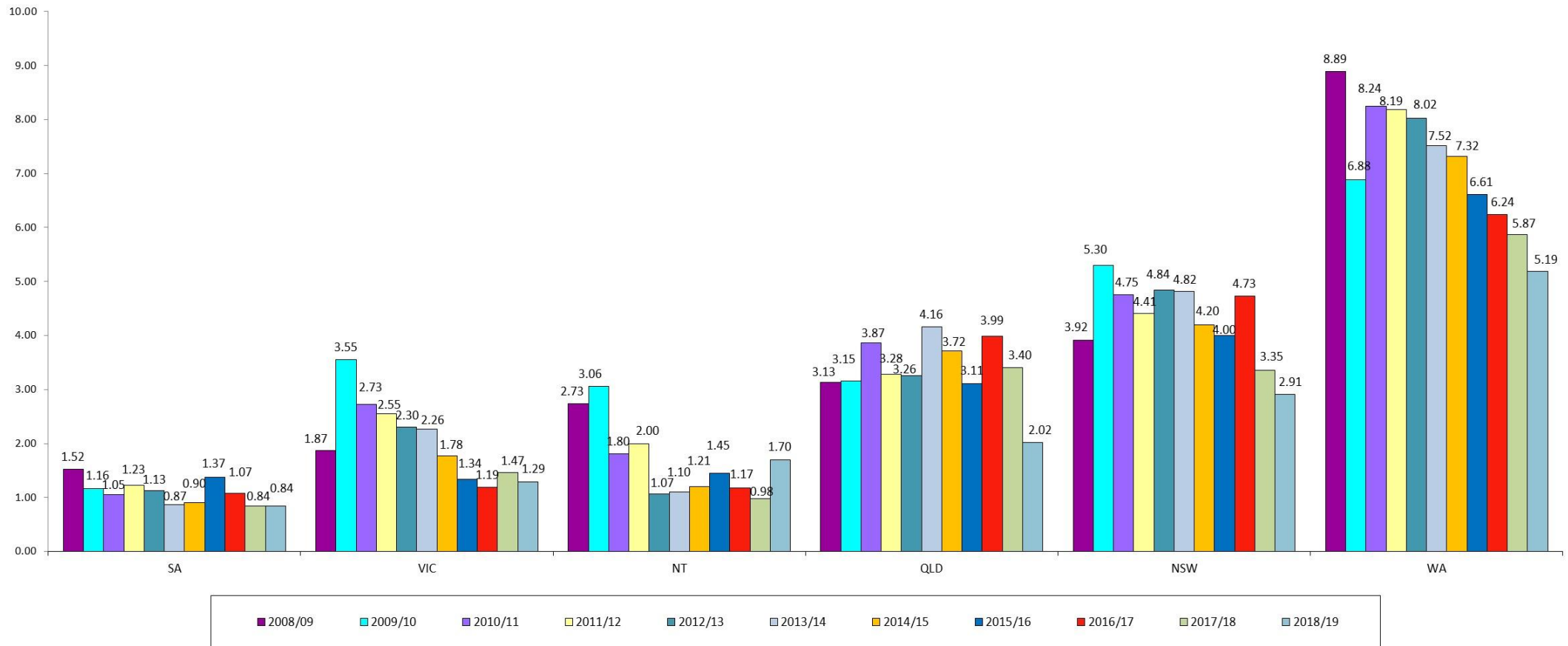
The percentage of CDL items in the litter stream for NSW, NT, QLD, SA, VIC and WA is represented in the table opposite.

State/Territory	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
SA	1.52	1.16	1.05	1.23	1.13	0.87	0.90	1.37	1.07	0.84	0.84
VIC	1.87	3.55	2.73	2.55	2.30	2.26	1.78	1.34	1.19	1.47	1.29
NT	2.73	3.06	1.80	2.00	1.07	1.10	1.21	1.45	1.17	0.98	1.70
QLD	3.13	3.15	3.87	3.28	3.26	4.16	3.72	3.11	3.99	3.40	2.02
NSW	3.92	5.30	4.75	4.41	4.84	4.82	4.20	4.00	4.73	3.35	2.91
WA	8.89	6.88	8.24	8.19	8.02	7.52	7.32	6.61	6.24	5.87	5.19

Analysis of the results reveals that the SA had the lowest number of CDL items per 1,000m² in their litter stream in 2018/19 followed by VIC, NT, QLD, NSW and WA. The number of CDL items per 1,000m² items in the litter stream for states and territories over the last 10 years were:

- SA (0.84 in 2018/19, the same as 0.84 in 2017/18, down from 1.07 in 2016/17, 1.37 in 2015/16, 0.90 in 2014/15, 0.87 in 2013/14, 1.13 in 2012/13, 1.23 in 2011/12, 1.05 in 2010/11, 1.16 in 2009/10 and 1.52 in 2008/09)
- VIC (1.29 in 2018/19, down from 1.47 in 2017/18, up from 1.19 in 2016/17, down from 1.34 in 2015/16, 1.78 in 2014/15, 2.26 in 2013/14, 2.30 in 2012/13, 2.55 in 2011/12, 2.73 in 2010/11, 3.55 in 2009/10 and 1.87 in 2008/09)
- NT (1.70 in 2018/19, up from 0.98 in 2017/18, 1.17 in 2016/17, 1.45 in 2015/16, 1.21 in 2014/15, 1.10 in 2013/14, 1.07 in 2012/13, down from 2.00 in 2011/12, 1.80 in 2010/11, 3.06 in 2009/10 and 2.73 in 2008/09)
- QLD (2.02 in 2018/19, down from 3.40 in 2017/18, 3.99 in 2016/17, 3.11 in 2015/16, 3.72 in 2014/15, 4.16 in 2013/14, 3.26 in 2012/13, 3.28 in 2011/12, 3.87 in 2010/11, 3.15 in 2009/10 and 3.13 in 2008/09)
- NSW (2.91 in 2018/19, down from 3.35 in 2017/18, 4.73 in 2016/17, 4.00 in 2015/16, 4.20 in 2014/15, 4.82 in 2013/14, 4.84 in 2012/13, 4.41 in 2011/12, 4.75 in 2010/11, 5.30 in 2009/10 and 3.92 in 2008/09)
- WA (5.19 in 2018/19, down from 5.87 in 2017/18, 6.24 in 2016/17, 6.61 in 2015/16, 7.32 in 2014/15, 7.52 in 2013/14, 8.02 in 2012/13, 8.19 in 2011/12, 8.24 in 2010/11, 6.88 in 2009/10 and 8.89 in 2008/09)

CDL Beverage Containers per 1,000m² in the Litter Stream



Thin Plastic Shopping Bag per 1,000m² Comparison

The number of thin plastic shopping bags (less than 35 microns) which are banned in South Australia, that were counted in the litter stream were compared to the overall number of items counted in the litter stream in NSW, NT, QLD, SA, VIC and WA to derive the percentage of thin plastic shopping bags in the litter stream for each year from 2008/09, 2017/18 and 2018/19.

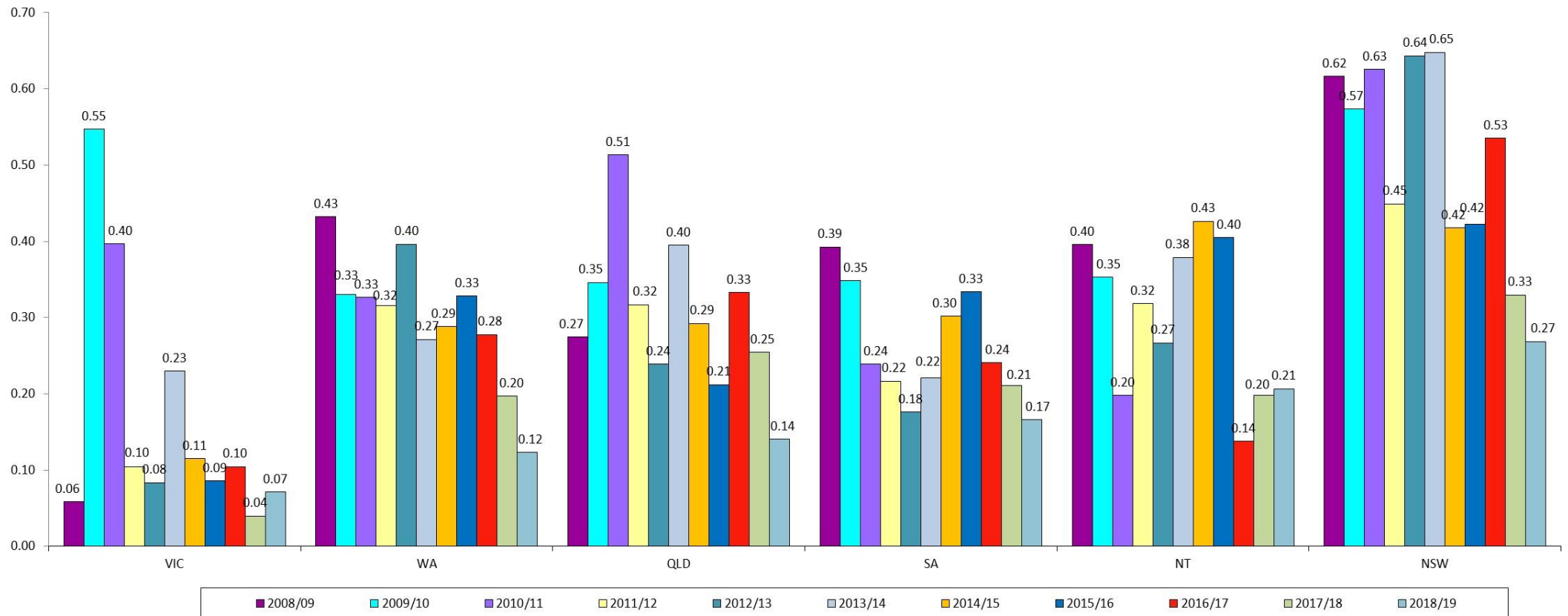
The number of thin plastic shopping bags per 1,000m² in the litter stream for NSW, NT, QLD, SA, VIC and WA is represented in the table opposite.

State/ Territory	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
VIC	0.06	0.55	0.40	0.10	0.08	0.23	0.11	0.09	0.10	0.04	0.07
WA	0.43	0.33	0.33	0.32	0.40	0.27	0.29	0.33	0.28	0.20	0.12
QLD	0.27	0.35	0.51	0.32	0.24	0.40	0.29	0.21	0.33	0.25	0.14
SA	0.39	0.35	0.24	0.22	0.18	0.22	0.30	0.33	0.24	0.21	0.17
NT	0.40	0.35	0.20	0.32	0.27	0.38	0.43	0.40	0.14	0.20	0.21
NSW	0.62	0.57	0.63	0.45	0.64	0.65	0.42	0.42	0.53	0.33	0.27

Analysis of the results reveal VIC had the lowest number of thin plastic shopping bags per 1,000m² in their litter stream in 2018/19 followed by WA, QLD, SA, NT and NSW. The number of thin plastic shopping bags per 1,000m² in the litter stream over the last 10 years were:

- VIC (0.07 in 2018/19, up from 0.04 in 2017/18, down from 0.10 in 2016/17, 0.09 in 2015/16, 0.11 in 2014/15, 0.23 in 2013/14, 0.08 in 2012/13, 0.10 in 2011/12, 0.40 in 2010/11, 0.55 in 2009/10 and up from 0.06 in 2008/09)
- WA (0.12 in 2018/19, down from 0.20 in 2017/18, 0.28 in 2016/17, 0.33 in 2015/16, 0.29 in 2014/15, 0.27 in 2013/14, 0.40 in 2012/13, 0.32 in 2011/12, 0.33 in 2010/11, 0.33 in 2009/10 and 0.43 in 2008/09)
- QLD (0.14 in 2018/19, down from 0.25 in 2017/18, 0.33 in 2016/17, 0.21 in 2015/16, 0.29 in 2014/15, 0.40 in 2013/14, 0.24 in 2012/13, 0.32 in 2011/12, 0.51 in 2010/11, 0.35 in 2009/10 and 0.27 in 2008/09)
- SA (0.17 in 2018/19, down from 0.21 in 2017/18, 0.24 in 2016/17, 0.33 in 2015/16, 0.30 in 2014/15, 0.22 in 2013/14, 0.18 in 2012/13, 0.22 in 2011/12, 0.24 in 2010/11, 0.35 in 2009/10 and 0.39 in 2008/09)
- NT (0.21 in 2018/19, up from 0.20 in 2017/18, 0.14 in 2016/17, down from 0.40 in 2015/16, 0.43 in 2014/15, 0.38 in 2013/14, 0.27 in 2012/13, 0.32 in 2011/12, 0.20 in 2010/11, 0.35 in 2009/10 and 0.40 in 2008/09)
- NSW (0.27 in 2018/19, down from 0.33 in 2017/18, 0.53 in 2016/17, 0.42 in 2015/16, 0.42 in 2014/15, 0.65 in 2013/14, 0.64 in 2012/13, 0.45 in 2011/12, 0.63 in 2010/11, 0.57 in 2009/10 and 0.62 in 2008/09)

Thin Plastic Shopping Bags per 1,000m² in the Litter Stream



APPENDIX 1:
CDL Container
& Thin Plastic
Shopping Bag
Tables



CLD Items – 2008/2009

2008/09 - % CDL in Litter Stream Average Nov 2008 & May 2009		NSW	NT	QLD	SA	VIC	WA
Glass	CDL	276	74	110	162	149	519
Glass	NON-CDL	13	4	5	5	5	11
Glass	TOTAL BEVERAGE	289	78	115	167	154	530
Glass	NON-BEVERAGE	209	350	62	310	220	163
TOTAL GLASS		498	427	176	477	374	693
Metal Cans	CDL	241	150	259	101	179	695
Metal Cans	NON-CDL	0	0	0	0	0	0
Metal Cans	TOTAL BEVERAGE	241	150	259	101	179	695
Metal Cans	NON-BEVERAGE	515	1585	616	1037	385	937
TOTAL METAL		756	1735	874	1137	564	1631
Miscellaneous	CDL	0	0	0	0	0	0
Miscellaneous	NON-CDL	0	0	0	0	0	0
Miscellaneous	TOTAL BEVERAGE	0	0	0	0	0	0
Miscellaneous	NON-BEVERAGE	409	290	408	843	298	810
TOTAL MISCELLANEOUS		409	290	408	843	298	810
Paper/paperboard	CDL	42	24	60	51	22	244
Paper/paperboard	NON-CDL	12	3	4	17	9	31
Paper/paperboard	TOTAL BEVERAGE	54	27	64	68	30	275
Paper/paperboard	NON-BEVERAGE	3285	1147	2742	3232	1216	3480
TOTAL PAPER/PAPERBOARD		3339	1174	2806	3300	1246	3754
Plastic	CDL	309	70	274	64	99	640
Plastic	NON-CDL	9	17	15	15	9	30
Plastic	TOTAL BEVERAGE	317	87	288	78	108	670
Plastic	NON-BEVERAGE	2144	1674	2475	3380	1693	3382
TOTAL PLASTIC		2461	1760	2763	3458	1801	4051
Cigarettes	NON-BEVERAGE	6834	4404	6090	4814	6038	9697
TOTAL CIGARETTES		6834	4404	6090	4814	6038	9697
TOTAL	CDL	868	318	701	377	449	2098
TOTAL	NON-CDL	33	23	24	37	22	71
TOTAL	BEVERAGE	900	341	725	413	470	2169
TOTAL	NON-BEVERAGE	13394	9448	12391	13615	9848	18466
GRAND TOTAL		14294	9789	13116	14028	10318	20635
% CDL		6.1%	3.2%	5.3%	2.7%	4.3%	10.2%

CLD Items – 2009/10

2009/10 - % CDL in Litter Stream Average Nov 2009 & May 2010		NSW	NT	QLD	SA	VIC	WA
Glass	CDL	218	113	104	103	294	389
Glass	NON-CDL	12	5	7	4	5	8
Glass	TOTAL BEVERAGE	230	117	111	107	299	397
Glass	NON-BEVERAGE	348	176	231	226	309	208
TOTAL GLASS		577	293	342	332	608	605
Metal Cans	CDL	437	139	289	98	290	594
Metal Cans	NON-CDL	0	0	0	0	0	0
Metal Cans	TOTAL BEVERAGE	437	139	289	98	290	594
Metal Cans	NON-BEVERAGE	640	642	951	823	557	757
TOTAL METAL		1077	781	1240	921	847	1351
Miscellaneous	CDL	0	0	0	0	0	0
Miscellaneous	NON-CDL	0	0	0	0	0	0
Miscellaneous	TOTAL BEVERAGE	0	0	0	0	0	0
Miscellaneous	NON-BEVERAGE	584	241	559	687	306	625
TOTAL MISCELLANEOUS		584	241	559	687	306	625
Paper/paperboard	CDL	60	31	44	39	84	220
Paper/paperboard	NON-CDL	12	2	6	8	11	19
Paper/paperboard	TOTAL BEVERAGE	72	32	50	47	95	239
Paper/paperboard	NON-BEVERAGE	3770	845	3011	3127	2193	3007
TOTAL PAPER/PAPERBOARD		3841	877	3061	3173	2287	3246
Plastic	CDL	459	74	271	48	183	422
Plastic	NON-CDL	17	5	18	9	30	11
Plastic	TOTAL BEVERAGE	476	79	288	57	213	433
Plastic	NON-BEVERAGE	2390	1554	2985	2855	1674	2798
TOTAL PLASTIC		2866	1632	3273	2912	1887	3230
Cigarettes	NON-BEVERAGE	7667	4365	8483	5217	6084	7756
TOTAL CIGARETTES		7667	4365	8483	5217	6084	7756
TOTAL	CDL	1174	356	707	288	851	1624
TOTAL	NON-CDL	41	11	31	20	46	37
TOTAL	BEVERAGE	1214	367	737	308	896	1661
TOTAL	NON-BEVERAGE	15397	7821	16219	12933	11122	15150
GRAND TOTAL		16611	8188	16956	13241	12018	16811
% CDL		7.1%	4.3%	4.2%	2.2%	7.1%	9.7%

CLD Items – 2010/11

2010/11 - % CDL in Litter Stream Average Nov 2010 & May 2011		NSW	NT	QLD	SA	VIC	WA
Glass	CDL	250	50	128	99	215	465
Glass	NON-CDL	12	0	2	7	5	13
Glass	TOTAL BEVERAGE	262	50	130	106	219	478
Glass	NON-BEVERAGE	158	228	110	186	408	468
TOTAL GLASS		419	278	240	292	627	946
Metal Cans	CDL	357	92	340	83	236	761
Metal Cans	NON-CDL	0	0	0	0	0	0
Metal Cans	TOTAL BEVERAGE	357	92	340	83	236	761
Metal Cans	NON-BEVERAGE	881	299	861	783	558	828
TOTAL METAL		1238	391	1200	866	794	1589
Miscellaneous	CDL	0	0	0	0	0	0
Miscellaneous	NON-CDL	0	0	0	0	0	0
Miscellaneous	TOTAL BEVERAGE	0	0	0	0	0	0
Miscellaneous	NON-BEVERAGE	440	115	500	611	331	603
TOTAL MISCELLANEOUS		440	115	500	611	331	603
Paper/paperboard	CDL	60	15	58	16	77	191
Paper/paperboard	NON-CDL	9	4	3	1	8	16
Paper/paperboard	TOTAL BEVERAGE	69	19	61	17	85	206
Paper/paperboard	NON-BEVERAGE	3202	485	2695	2936	1770	3479
TOTAL PAPER/PAPERBOARD		3270	504	2756	2953	1855	3685
Plastic	CDL	387	53	342	64	126	530
Plastic	NON-CDL	16	6	29	12	16	21
Plastic	TOTAL BEVERAGE	403	59	370	75	142	551
Plastic	NON-BEVERAGE	2124	830	3245	2922	1497	2783
TOTAL PLASTIC		2527	888	3615	2997	1639	3334
Cigarettes	NON-BEVERAGE	7330	1744	9073	5751	4202	7587
TOTAL CIGARETTES		7330	1744	9073	5751	4202	7587
TOTAL	CDL	1053	210	866	261	653	1946
TOTAL	NON-CDL	37	10	34	19	29	50
TOTAL	BEVERAGE	1089	220	900	280	682	1995
TOTAL	NON-BEVERAGE	14133	3701	16483	13188	8765	15748
GRAND TOTAL		15222	3920	17383	13467	9446	17743
% CDL		6.9%	5.3%	5.0%	1.9%	6.9%	11.0%

CLD Items – 2011/12

2011/12 - % CDL in Litter Stream Average Nov 2011 & May 2012		NSW	NT	QLD	SA	VIC	WA
Glass	CDL	170	40	91	86	196	427
Glass	NON-CDL	9	3	6	5	9	10
Glass	TOTAL BEVERAGE	179	43	97	91	205	436
Glass	NON-BEVERAGE	235	39	118	208	144	187
TOTAL GLASS		413	82	215	299	349	623
Metal Cans	CDL	395	96	297	122	194	768
Metal Cans	NON-CDL	0	0	0	0	0	0
Metal Cans	TOTAL BEVERAGE	395	96	297	122	194	768
Metal Cans	NON-BEVERAGE	814	432	750	835	378	743
TOTAL METAL		1209	528	1047	957	571	1511
Miscellaneous	CDL	0	0	0	0	0	0
Miscellaneous	NON-CDL	0	0	0	0	0	0
Miscellaneous	TOTAL BEVERAGE	0	0	0	0	0	0
Miscellaneous	NON-BEVERAGE	389	154	392	594	226	538
TOTAL MISCELLANEOUS		389	154	392	594	226	538
Paper/paperboard	CDL	50	28	46	15	47	158
Paper/paperboard	NON-CDL	10	3	7	4	13	29
Paper/paperboard	TOTAL BEVERAGE	59	31	53	19	60	187
Paper/paperboard	NON-BEVERAGE	2996	826	2939	2840	1295	2674
TOTAL PAPER/PAPERBOARD		3055	856	2991	2859	1355	2861
Plastic	CDL	363	70	303	81	174	580
Plastic	NON-CDL	13	4	16	9	15	12
Plastic	TOTAL BEVERAGE	376	73	319	90	188	592
Plastic	NON-BEVERAGE	2039	1082	3072	2937	1356	2341
TOTAL PLASTIC		2414	1155	3391	3026	1544	2932
Cigarettes	NON-BEVERAGE	5461	2911	7661	6294	4621	6148
TOTAL CIGARETTES		5461	2911	7661	6294	4621	6148
TOTAL	CDL	976	232	736	303	610	1932
TOTAL	NON-CDL	32	10	29	18	36	51
TOTAL	BEVERAGE	1008	242	765	321	646	1983
TOTAL	NON-BEVERAGE	11932	5443	14931	13707	8019	12629
GRAND TOTAL		12940	5684	15696	14028	8664	14612
% CDL		7.5%	4.1%	4.7%	2.2%	7.0%	13.2%

CLD Items – 2012/13

2012/13 - % CDL in Litter Stream Average Nov 2012 & May 2013		NSW	NT	QLD	SA	VIC	WA
Glass	CDL	185	36	74	73	192	416
Glass	NON-CDL	10	5	2	6	4	11
Glass	TOTAL BEVERAGE	195	41	75	78	196	426
Glass	NON-BEVERAGE	76	39	102	197	123	160
TOTAL GLASS		270	80	177	275	318	586
Metal Cans	CDL	401	54	302	102	189	754
Metal Cans	NON-CDL	0	0	0	0	0	0
Metal Cans	TOTAL BEVERAGE	401	54	302	102	189	754
Metal Cans	NON-BEVERAGE	735	488	845	714	327	706
TOTAL METAL		1135	542	1146	816	516	1459
Miscellaneous	CDL	0	0	0	0	0	0
Miscellaneous	NON-CDL	0	0	0	0	0	0
Miscellaneous	TOTAL BEVERAGE	0	0	0	0	0	0
Miscellaneous	NON-BEVERAGE	323	171	376	479	223	599
TOTAL MISCELLANEOUS		323	171	376	479	223	599
Paper/paperboard	CDL	69	11	34	18	39	147
Paper/paperboard	NON-CDL	12	4	1	3	14	15
Paper/paperboard	TOTAL BEVERAGE	81	14	35	20	52	162
Paper/paperboard	NON-BEVERAGE	3310	751	2794	2800	965	2381
TOTAL PAPER/PAPERBOARD		3390	765	2829	2820	1017	2542
Plastic	CDL	419	24	322	89	133	577
Plastic	NON-CDL	21	3	51	13	8	15
Plastic	TOTAL BEVERAGE	440	27	373	101	141	592
Plastic	NON-BEVERAGE	2379	898	3106	2843	1002	2627
TOTAL PLASTIC		2819	925	3479	2944	1143	3218
Cigarettes	NON-BEVERAGE	5496	3399	7311	5862	3851	6382
TOTAL CIGARETTES		5496	3399	7311	5862	3851	6382
TOTAL	CDL	1073	125	731	280	552	1893
TOTAL	NON-CDL	43	11	54	21	26	40
TOTAL	BEVERAGE	1116	136	784	301	577	1933
TOTAL	NON-BEVERAGE	12317	5745	14533	12895	6490	12854
GRAND TOTAL		13433	5880	15317	13195	7067	14786
% CDL		8.0%	2.1%	4.8%	2.1%	7.8%	12.8%

CLD Items – 2013/14

2013/14 - % CDL in Litter Stream Average Nov 2013 & May 2014		NSW	NT	QLD	SA	VIC	WA
Glass	CDL	198	45	131	75	164	339
Glass	NON-CDL	9	6	4	3	5	23
Glass	TOTAL BEVERAGE	207	51	135	78	169	361
Glass	NON-BEVERAGE	102	42	79	154	124	140
TOTAL GLASS		309	92	214	231	292	501
Metal Cans	CDL	434	46	406	68	176	735
Metal Cans	NON-CDL	0	0	0	0	0	0
Metal Cans	TOTAL BEVERAGE	434	46	406	68	176	735
Metal Cans	NON-BEVERAGE	976	483	945	628	312	642
TOTAL METAL		1410	529	1351	696	488	1377
Miscellaneous	CDL	0	0	0	0	0	0
Miscellaneous	NON-CDL	0	0	0	0	0	0
Miscellaneous	TOTAL BEVERAGE	0	0	0	0	0	0
Miscellaneous	NON-BEVERAGE	354	168	432	538	218	572
TOTAL MISCELLANEOUS		354	168	432	538	218	572
Paper/paperboard	CDL	95	9	38	13	47	110
Paper/paperboard	NON-CDL	27	4	1	3	19	9
Paper/paperboard	TOTAL BEVERAGE	122	12	39	15	66	119
Paper/paperboard	NON-BEVERAGE	3194	743	2947	2925	1051	2606
TOTAL PAPER/PAPERBOARD		3315	755	2985	2940	1117	2725
Plastic	CDL	342	30	357	60	156	592
Plastic	NON-CDL	18	6	16	11	17	15
Plastic	TOTAL BEVERAGE	359	35	373	71	173	606
Plastic	NON-BEVERAGE	2450	1158	3368	2678	1135	2382
TOTAL PLASTIC		2809	1193	3740	2748	1308	2988
Cigarettes	NON-BEVERAGE	4348	3362	7320	4089	3243	4571
TOTAL CIGARETTES		4348	3362	7320	4089	3243	4571
TOTAL	CDL	1068	128	932	215	542	1775
TOTAL	NON-CDL	53	15	21	16	41	46
TOTAL	BEVERAGE	1121	143	952	231	582	1821
TOTAL	NON-BEVERAGE	11423	5954	15089	11011	6082	10911
GRAND TOTAL		12544	6097	16041	11242	6664	12732
% CDL		8.5%	2.1%	5.8%	1.9%	8.1%	13.9%

CLD Items – 2014/15

2014/15 - % CDL in Litter Stream Average Nov 2014 & May 2015		NSW	NT	QLD	SA	VIC	WA
Glass	CDL	158	34	103	101	98	314
Glass	NON-CDL	23	1	8	4	6	19
Glass	TOTAL BEVERAGE	181	35	110	105	104	333
Glass	NON-BEVERAGE	86	48	82	99	118	143
TOTAL GLASS		267	83	192	203	222	476
Metal Cans	CDL	400	64	396	57	170	735
Metal Cans	NON-CDL	0	0	0	0	0	0
Metal Cans	TOTAL BEVERAGE	400	64	396	57	170	735
Metal Cans	NON-BEVERAGE	1006	458	1058	576	275	616
TOTAL METAL		1406	521	1454	633	444	1351
Miscellaneous	CDL	0	0	0	0	0	0
Miscellaneous	NON-CDL	0	0	0	0	0	0
Miscellaneous	TOTAL BEVERAGE	0	0	0	0	0	0
Miscellaneous	NON-BEVERAGE	311	182	435	446	181	487
TOTAL MISCELLANEOUS		311	182	435	446	181	487
Paper/paperboard	CDL	56	10	31	21	41	119
Paper/paperboard	NON-CDL	21	5	3	3	8	7
Paper/paperboard	TOTAL BEVERAGE	77	14	34	23	49	126
Paper/paperboard	NON-BEVERAGE	2886	1029	2684	3034	1016	2158
TOTAL PAPER/PAPERBOARD		2963	1043	2718	3057	1064	2284
Plastic	CDL	317	33	304	45	118	559
Plastic	NON-CDL	34	16	31	5	20	44
Plastic	TOTAL BEVERAGE	351	49	335	50	137	603
Plastic	NON-BEVERAGE	2055	1307	3769	2729	988	2239
TOTAL PLASTIC		2405	1356	4104	2779	1125	2842
Cigarettes	NON-BEVERAGE	3296	3975	6276	4088	2924	4416
TOTAL CIGARETTES		3296	3975	6276	4088	2924	4416
TOTAL	CDL	931	140	834	223	426	1727
TOTAL	NON-CDL	78	21	41	12	33	70
TOTAL	BEVERAGE	1009	161	874	235	459	1797
TOTAL	NON-BEVERAGE	9639	6998	14303	10970	5500	10058
GRAND TOTAL		10648	7159	15177	11205	5959	11854
% CDL		8.7%	2.0%	5.5%	2.0%	7.1%	14.6%

CLD Items – 2015/16

2015/16 - % CDL in Litter Stream Average Nov 2015 & May 2016		NSW	NT	QLD	SA	VIC	WA
Glass	CDL	161	46	81	62	77	314
Glass	NON-CDL	11	6	8	2	2	18
Glass	TOTAL BEVERAGE	172	52	89	64	79	332
Glass	NON-BEVERAGE	56	64	77	89	73	111
TOTAL GLASS		228	116	166	153	151	443
Metal Cans	CDL	358	75	314	127	121	614
Metal Cans	NON-CDL	0	0	0	0	0	0
Metal Cans	TOTAL BEVERAGE	358	75	314	127	121	614
Metal Cans	NON-BEVERAGE	862	406	767	528	264	671
TOTAL METAL		1220	481	1081	655	384	1285
Miscellaneous	CDL	0	0	0	0	0	0
Miscellaneous	NON-CDL	0	0	0	0	0	0
Miscellaneous	TOTAL BEVERAGE	0	0	0	0	0	0
Miscellaneous	NON-BEVERAGE	264	213	389	405	160	596
TOTAL MISCELLANEOUS		264	213	389	405	160	596
Paper/paperboard	CDL	60	16	28	15	29	123
Paper/paperboard	NON-CDL	21	8	3	3	5	15
Paper/paperboard	TOTAL BEVERAGE	81	24	31	17	33	138
Paper/paperboard	NON-BEVERAGE	2637	948	2315	2638	829	2425
TOTAL PAPER/PAPERBOARD		2718	972	2345	2655	862	2563
Plastic	CDL	308	32	275	136	95	508
Plastic	NON-CDL	32	11	19	15	6	25
Plastic	TOTAL BEVERAGE	340	43	294	150	101	533
Plastic	NON-BEVERAGE	2089	1393	2769	2670	702	2490
TOTAL PLASTIC		2428	1436	3063	2820	803	3023
Cigarettes	NON-BEVERAGE	3372	2821	5281	4846	2006	4126
TOTAL CIGARETTES		3372	2821	5281	4846	2006	4126
TOTAL	CDL	887	169	698	339	321	1559
TOTAL	NON-CDL	64	24	29	19	12	57
TOTAL	BEVERAGE	951	193	727	358	333	1616
TOTAL	NON-BEVERAGE	9277	5844	11597	11174	4033	10419
GRAND TOTAL		10228	6037	12324	11532	4366	12035
% CDL		8.7%	2.8%	5.7%	2.9%	7.4%	13.0%

CLD Items – 2016/17

2016/17 - % CDL in Litter Stream Average Nov 2016 & May 2017		NSW	NT	QLD	SA	VIC	WA
Glass	CDL	218	40	127	91	49	278
Glass	NON-CDL	16	16	13	3	6	15
Glass	TOTAL BEVERAGE	234	56	140	94	55	293
Glass	NON-BEVERAGE	51	29	79	90	41	106
TOTAL GLASS		285	84	218	184	96	398
Metal Cans	CDL	395	55	375	85	127	632
Metal Cans	NON-CDL	0	0	0	0	0	0
Metal Cans	TOTAL BEVERAGE	395	55	375	85	127	632
Metal Cans	NON-BEVERAGE	814	548	864	414	183	494
TOTAL METAL		1208	603	1239	499	310	1126
Miscellaneous	CDL	0	0	0	0	0	0
Miscellaneous	NON-CDL	0	0	0	0	0	0
Miscellaneous	TOTAL BEVERAGE	0	0	0	0	0	0
Miscellaneous	NON-BEVERAGE	283	159	394	352	87	463
TOTAL MISCELLANEOUS		283	159	394	352	87	463
Paper/paperboard	CDL	65	13	30	15	18	102
Paper/paperboard	NON-CDL	22	5	7	5	0	16
Paper/paperboard	TOTAL BEVERAGE	87	17	36	20	18	118
Paper/paperboard	NON-BEVERAGE	2813	905	2803	2411	739	1908
TOTAL PAPER/PAPERBOARD		2900	922	2839	2431	757	2025
Plastic	CDL	370	30	362	76	91	462
Plastic	NON-CDL	22	23	20	3	2	9
Plastic	TOTAL BEVERAGE	392	52	382	79	93	470
Plastic	NON-BEVERAGE	1974	1290	3508	2299	569	2144
TOTAL PLASTIC		2365	1342	3890	2378	662	2614
Cigarettes	NON-BEVERAGE	3849	2238	5041	2990	1867	2678
TOTAL CIGARETTES		3849	2238	5041	2990	1867	2678
TOTAL	CDL	1048	137	894	266	285	1473
TOTAL	NON-CDL	60	43	39	11	8	40
TOTAL	BEVERAGE	1107	180	932	276	293	1512
TOTAL	NON-BEVERAGE	9782	5167	12688	8556	3485	7792
GRAND TOTAL		10889	5346	13620	8832	3777	9304
% CDL		9.6%	2.6%	6.6%	3.0%	7.5%	15.8%

CLD Items – 2017/18

2017/18 - % CDL in Litter Stream Average Nov 2017 & May 2018		NSW	NT	QLD	SA	VIC	WA
Glass	CDL	130	9	60	73	59	246
Glass	NON-CDL	17	2	9	3	0	18
Glass	TOTAL BEVERAGE	147	11	68	76	59	263
Glass	NON-BEVERAGE	46	13	74	69	37	120
TOTAL GLASS		193	24	142	144	96	383
Metal Cans	CDL	274	45	360	59	165	572
Metal Cans	NON-CDL	0	0	0	0	0	0
Metal Cans	TOTAL BEVERAGE	274	45	360	59	165	572
Metal Cans	NON-BEVERAGE	506	247	844	380	218	478
TOTAL METAL		779	292	1203	439	383	1050
Miscellaneous	CDL	0	0	0	0	0	0
Miscellaneous	NON-CDL	0	0	0	0	0	0
Miscellaneous	TOTAL BEVERAGE	0	0	0	0	0	0
Miscellaneous	NON-BEVERAGE	184	102	370	327	108	460
TOTAL MISCELLANEOUS		184	102	370	327	108	460
Paper/paperboard	CDL	54	12	22	13	23	63
Paper/paperboard	NON-CDL	17	3	1	2	1	10
Paper/paperboard	TOTAL BEVERAGE	71	15	23	15	24	73
Paper/paperboard	NON-BEVERAGE	2333	672	2669	1925	849	1696
TOTAL PAPER/PAPERBOARD		2404	687	2692	1940	873	1769
Plastic	CDL	285	48	322	64	105	505
Plastic	NON-CDL	30	14	13	6	1	12
Plastic	TOTAL BEVERAGE	315	62	334	70	105	517
Plastic	NON-BEVERAGE	1671	780	3398	1853	716	1975
TOTAL PLASTIC		1986	842	3732	1923	821	2491
Cigarettes	NON-BEVERAGE	3553	2118	4222	2532	3117	3285
TOTAL CIGARETTES		3553	2118	4222	2532	3117	3285
TOTAL	CDL	743	114	763	208	351	1384
TOTAL	NON-CDL	64	19	22	11	2	40
TOTAL	BEVERAGE	806	133	785	219	353	1424
TOTAL	NON-BEVERAGE	8292	3932	11575	7085	5043	8013
GRAND TOTAL		9098	4065	12359	7304	5396	9436
% CDL		8.2%	2.8%	6.2%	2.8%	6.5%	14.7%

CLD Items – 2018/19

2018/19 - % CDL in Litter Stream Average Nov 2018 & May 2019		NSW	NT	QLD	SA	VIC	WA
Glass	CDL	66	85	51	55	49	229
Glass	NON-CDL	9	10	5	5	4	12
Glass	TOTAL BEVERAGE	74	95	56	60	53	240
Glass	NON-BEVERAGE	69	43	81	140	30	97
TOTAL GLASS		143	138	137	200	83	337
Metal Cans	CDL	267	69	215	64	144	533
Metal Cans	NON-CDL	0	0	0	0	0	0
Metal Cans	TOTAL BEVERAGE	267	69	215	64	144	533
Metal Cans	NON-BEVERAGE	655	396	904	374	200	485
TOTAL METAL		921	465	1119	437	344	1018
Miscellaneous	CDL	0	0	0	0	0	0
Miscellaneous	NON-CDL	0	0	0	0	0	0
Miscellaneous	TOTAL BEVERAGE	0	0	0	0	0	0
Miscellaneous	NON-BEVERAGE	272	127	389	242	114	470
TOTAL MISCELLANEOUS		272	127	389	242	114	470
Paper/paperboard	CDL	46	12	23	20	14	49
Paper/paperboard	NON-CDL	13	3	1	3	1	9
Paper/paperboard	TOTAL BEVERAGE	59	14	23	23	15	58
Paper/paperboard	NON-BEVERAGE	2605	665	2474	1767	996	1619
TOTAL PAPER/PAPERBOARD		2664	679	2497	1790	1010	1676
Plastic	CDL	266	32	164	69	104	414
Plastic	NON-CDL	20	24	9	11	1	10
Plastic	TOTAL BEVERAGE	286	56	173	80	105	424
Plastic	NON-BEVERAGE	2161	803	3564	1923	729	1970
TOTAL PLASTIC		2447	859	3737	2003	834	2393
Cigarettes	NON-BEVERAGE	3272	1740	3556	2368	2689	2731
TOTAL CIGARETTES		3272	1740	3556	2368	2689	2731
TOTAL	CDL	644	198	452	208	310	1224
TOTAL	NON-CDL	42	36	15	19	5	30
TOTAL	BEVERAGE	686	233	467	226	315	1254
TOTAL	NON-BEVERAGE	9032	3774	10966	6812	4757	7371
GRAND TOTAL		9717	4007	11432	7038	5072	8625
% CDL		6.6%	4.9%	4.0%	2.9%	6.1%	14.2%

Thin Plastic Shopping Bags 2008/09, 2009/10, 2010/11

2008/09	NSW	NT	QLD	SA	VIC	WA
thin plastic shopping bags	137	46	62	97	14	102
total items	14294	9789	13116	14028	10318	20635
% litter	0.95%	0.47%	0.47%	0.69%	0.14%	0.49%

2009/10	NSW	NT	QLD	SA	VIC	WA
thin plastic shopping bags	127	41	78	86	131	78
total items	16611	8188	16956	13241	12018	16811
% litter	0.76%	0.50%	0.46%	0.65%	1.09%	0.46%

2010/11	NSW	NT	QLD	SA	VIC	WA
thin plastic shopping bags	139	23	115	59	95	77
total items	15222	3920	17383	13467	9446	17743
% litter	0.91%	0.59%	0.66%	0.44%	1.01%	0.43%

Thin Plastic Shopping Bags 2011/12, 2012/13, 2013/14

2011/12	NSW	NT	QLD	SA	VIC	WA
thin plastic shopping bags	100	37	71	54	25	75
total items	12940	5684	15696	14028	8664	14612
% litter	0.77%	0.65%	0.45%	0.38%	0.29%	0.51%

2012/13	NSW	NT	QLD	SA	VIC	WA
thin plastic shopping bags	143	31	54	44	20	94
total items	13433	5880	15317	13195	7067	14786
% litter	1.06%	0.53%	0.35%	0.33%	0.28%	0.63%

2013/14	NSW	NT	QLD	SA	VIC	WA
thin plastic shopping bags	144	44	89	55	55	64
total items	12544	6097	16041	11242	6664	12732
% litter	1.14%	0.72%	0.55%	0.48%	0.83%	0.50%

Thin Plastic Shopping Bags 2014/15, 2015/16, 2016/17

2014/15	NSW	NT	QLD	SA	VIC	WA
thin plastic shopping bags	93	50	66	75	28	68
total items	10648	7159	15177	11205	5959	11854
% litter	0.87%	0.69%	0.43%	0.66%	0.46%	0.57%

2015/16	NSW	NT	QLD	SA	VIC	WA
thin plastic shopping bags	94	47	48	83	21	78
total items	10228	6037	12324	11532	4366	12035
% litter	0.91%	0.78%	0.39%	0.72%	0.47%	0.64%

2016/17	NSW	NT	QLD	SA	VIC	WA
thin plastic shopping bags	119	16	75	60	25	66
total items	10889	5346	13620	8832	3777	9304
% litter	1.09%	0.30%	0.55%	0.67%	0.66%	0.70%

Thin Plastic Shopping Bags 2017/18, 2018/19

2017/18	NSW	NT	QLD	SA	VIC	WA
thin plastic shopping bags	73	23	57	52	10	47
total items	9118	4068	12363	7375	5398	9550
% litter	0.80%	0.57%	0.46%	0.71%	0.18%	0.49%

2018/19	NSW	NT	QLD	SA	VIC	WA
thin plastic shopping bags	60	24	32	41	17	29
total items	9731	4007	11439	7094	5074	8741
% litter	0.61%	0.60%	0.28%	0.58%	0.34%	0.33%

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