

**DEPARTMENT OF RESOURCES RECYCLING AND RECOVERY**801 K STREET, MS 19-01, SACRAMENTO, CALIFORNIA 95814 • (916) 322-4027 • WWW.CALRECYCLE.CA.GOV**November 9, 2015****NOTICE****To:** All Interested Parties**Subject:** Biannual Report of Beverage Container Sales, Returns, Redemption, and Recycling Rates

Public Resources Code Section 14551 requires the Department of Resources Recycling and Recovery (CalRecycle) to report biannually on the redemption and recycling rates for each six-month period within 130 days of the end of that period. Enclosed, please find the Biannual Report of Redemption and Recycling Rates for the six-month period of January through June 2015.

The beverage container recycling rate for all materials during the January through June 2015 period is 86 percent. Material specific recycling rates are as follows: aluminum 97 percent, glass 76 percent, #1 PET 81 percent, #2 HDPE 78 percent, #3 PVC 59 percent, #4 LDPE 2 percent, #5 PP 6 percent, #6 PS 25 percent, #7 other 12 percent, and bimetal 24 percent.

The recycling rate is the number of CRV beverage containers redeemed divided by the number of CRV beverage containers sold. Sold container counts are derived from reports received by CalRecycle directly from distributors; whereas, recycled container counts are derived from the redemption weight, from shipping reports, multiplied by the container per pound rate.

If you have any questions about this report, please contact me at (916) 323-4248.

John Halligan
Acting Deputy Director
for Recycling

Enclosure



Biannual Report of Beverage Container Sales, Returns, Redemption & Recycling Rates

ALUMINUM	REDEMPTION	RECYCLING	SALES *	RECYCLED	REFILLABLE	POSTFILLED
Jan - June 2015	97	97	3,833,131,749	3,716,098,793	0	94,138,669
July - Dec 2014	93	93	4,474,633,933	4,157,165,609	0	131,399,522
Jan - June 2014	100	100	3,792,519,524	3,807,624,029	0	84,893,360
July - Dec 2013	94	94	4,572,541,991	4,312,450,344	0	80,671,385
Jan - June 2013	107	107	3,773,877,522	4,029,683,749	0	196,212,685
GLASS						
Jan - June 2015	89	76	1,541,216,339	1,167,520,067	720	267,827,090
July - Dec 2014	85	72	1,724,218,760	1,235,895,477	495	285,375,338
Jan - June 2014	97	82	1,423,887,672	1,165,039,597	36,025	272,169,765
July - Dec 2013	89	78	1,663,521,877	1,296,138,166	0	246,123,345
Jan - June 2013	107	94	1,378,455,784	1,298,376,254	456	234,795,131
#1 PET						
Jan - June 2015	81	81	4,811,632,011	3,907,533,647	0	168,310,959
July - Dec 2014	69	69	5,797,262,133	4,008,380,681	0	148,971,715
Jan - June 2014	72	72	4,429,974,469	3,186,740,167	0	135,284,137
July - Dec 2013	67	67	5,391,378,510	3,638,558,693	0	121,200,384
Jan - June 2013	82	82	4,072,129,282	3,328,640,754	0	119,590,020
#2 HDPE						
Jan - June 2015	327	78	121,146,646	95,017,034	0	306,381,243
July - Dec 2014	267	69	139,064,716	95,355,409	0	281,044,091
Jan - June 2014	280	71	133,073,810	94,907,746	0	282,009,182
July - Dec 2013	305	100	148,518,428	148,556,782	0	311,218,567
Jan - June 2013	309	116	143,200,116	166,506,177	0	284,318,541
#3 PVC						
Jan - June 2015	59	59	9,406	5,505	0	1
July - Dec 2014	18	17	16,047	2,750	0	197
Jan - June 2014	22	22	4,828	1,080	0	8
July - Dec 2013	9	9	39,234	3,687	0	45
Jan - June 2013	26	25	15,536	3,888	0	422
#4 LDPE						
Jan - June 2015	22	2	8,718,651	149,501	0	1,811,738
July - Dec 2014	4	2	10,765,345	174,075	0	288,201
Jan - June 2014	1	1	10,544,567	145,860	0	18,119
July - Dec 2013	2	1	15,962,304	204,060	0	145,746
Jan - June 2013	2	2	11,162,106	180,398	0	21,914
#5 PP						
Jan - June 2015	7	6	1,691,512	105,351	0	22,233
July - Dec 2014	10	8	1,054,141	86,295	0	19,506
Jan - June 2014	29	25	418,606	104,067	0	23,360
July - Dec 2013	12	11	481,390	53,031	0	8,343
Jan - June 2013	9	8	350,083	26,821	0	6,057
#6 PS						
Jan - June 2015	25	25	54,950,845	13,578,988	0	1,065,578
July - Dec 2014	18	18	57,309,538	10,321,761	0	597,643
Jan - June 2014	16	16	51,482,734	8,110,436	0	570,115
July - Dec 2013	18	18	53,686,684	9,797,275	0	452,573
Jan - June 2013	20	20	41,164,716	8,325,898	0	511,207
#7 OTHER						
Jan - June 2015	13	12	12,738,722	1,500,002	0	192,273
July - Dec 2014	3	3	51,050,791	1,573,935	0	159,188
Jan - June 2014	5	5	22,997,921	1,061,276	0	131,343
July - Dec 2013	6	5	31,888,478	1,659,014	0	181,279
Jan - June 2013	6	5	25,502,942	1,400,205	0	191,833
BIMETAL						
Jan - June 2015	26	24	15,241,899	3,634,861	0	524,824
July - Dec 2014	37	35	17,267,485	6,059,041	0	600,995
Jan - June 2014	17	16	16,096,149	2,517,078	0	356,205
July - Dec 2013	19	18	18,495,314	3,379,869	0	304,262
Jan - June 2013	20	18	14,386,709	2,581,843	0	440,783
ALL MATERIALS						
Jan - June 2015	89	86	10,400,477,780	8,905,143,749	720	840,274,608
July - Dec 2014	81	78	12,272,642,889	9,515,015,033	495	848,456,396
Jan - June 2014	87	84	9,881,000,280	8,266,251,336	36,025	775,455,594
July - Dec 2013	82	79	11,896,514,210	9,410,800,921	0	760,305,929
Jan - June 2013	98	93	9,460,244,796	8,835,725,987	456	836,088,593

CALCULATION OF REDEMPTION AND RECYCLING RATES

A = number of empty beverage containers returned
 B = refillables returned
 C = postfilled food or drink packaging containers returned
 D = number of beverage containers sold

Redemption Rate = $\frac{A + B + [C - (0.05 \times (A + B))]}{D}$ (The value in brackets [] is included only when greater than zero.)

Recycling Rate = $\frac{(A+B)}{D}$

CONTAINER PER POUND RATES (CRV / POSTFILLED)	ALUMINUM	GLASS	#1 PET	#2 HDPE	#3 PVC	#4 LDPE
Jan - June 2015 (RCs Only)	29.1 / 23.4	1.89 / 1.0	20.2 / 7.1	7.3 / 5.5	11.2 / NA	40.6 / NA
CONTAINER PER POUND RATES (GRV / POSTFILLED)	#5 PP	#6 PS	#7 OTHER	BIMETAL		
Jan - June 2015 (RCs Only)	8.8 / NA	113.8 / NA	3.1 / NA	7.0 / NA		

FOOTNOTE:
 * Because of the delay between the time a container is distributed for sale and the time it is returned for recycling, the Department has determined the average "Return Time" as two months. The sales shown reflect this two month lag period.
 * Beginning 2003, all recycling and redemption rates are presented as whole numbers