



DEPARTMENT OF RESOURCES RECYCLING AND RECOVERY

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November 7, 2011

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 2011.

The beverage container recycling rate for all materials during the January through June 2011 period is 86 percent. Material specific recycling rates are as follows: aluminum 100 percent, glass 89 percent, #1 PET 70 percent, #2 HDPE 106 percent, #3 PVC 6 percent, #4 LDPE 1 percent, #5 PP 3 percent, #6 PS 9 percent, #7 other 6 percent, and bimetal 16 percent.

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

A handwritten signature in blue ink, appearing to read "Jason Marshall", is written over a horizontal line.

Jason Marshall
Deputy Director
for Recycling

Enclosure



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

Table 1
November 7, 2011

RATES			CONTAINERS			
ALUMINUM	Redemption	Recycling	Sales*	Recycled	Refillable	Postfilled
Jan - June 2011	100	100	4,023,599,419	4,021,390,132	0	65,254,890
July - Dec 2010	92	92	4,690,972,850	4,335,150,421	0	78,255,150
Jan - June 2010	95	95	4,139,530,221	3,927,101,177	0	105,028,761
July - Dec 2009	91	91	4,868,254,684	4,412,768,853	0	101,199,661
Jan - June 2009	91	91	4,332,122,180	3,941,500,646	0	44,303,845
GLASS						
Jan - June 2011	102	89	1,331,450,543	1,189,058,771	317	229,732,398
July - Dec 2010	90	81	1,560,018,180	1,256,831,829	318	211,907,776
Jan - June 2010	101	90	1,365,423,094	1,225,430,897	300	208,325,167
July - Dec 2009	85	77	1,667,765,942	1,276,277,514	805	211,175,108
Jan - June 2009	96	85	1,463,364,328	1,243,043,696	892	229,286,263
#1 PET						
Jan - June 2011	70	70	3,851,118,491	2,694,013,273	0	93,142,993
July - Dec 2010	63	63	4,499,646,536	2,856,964,781	0	92,837,810
Jan - June 2010	74	74	3,548,291,149	2,622,342,927	0	83,418,271
July - Dec 2009	69	69	4,522,439,326	3,136,311,034	0	82,339,591
Jan - June 2009	78	78	3,658,715,637	2,869,448,621	0	76,065,937
#2 HDPE						
Jan - June 2011	276	106	151,102,513	159,934,193	0	264,353,127
July - Dec 2010	228	86	170,100,621	146,622,140	0	247,960,206
Jan - June 2010	242	98	158,374,808	155,656,115	0	235,718,790
July - Dec 2009	225	102	176,283,701	180,495,866	0	225,952,036
Jan - June 2009	254	116	157,489,406	182,964,511	0	226,682,828
#3 PVC						
Jan - June 2011	6	6	96,582	5,626	0	211
July - Dec 2010	0	0	154,034	433	0	17
Jan - June 2010	0	0	586,051	517	0	6
July - Dec 2009	0	0	582,064	846	0	0
Jan - June 2009	0	0	404,713	1,000	0	0
#4 LDPE						
Jan - June 2011	1	1	7,934,605	89,373	0	6,725
July - Dec 2010	1	1	10,571,451	94,225	0	5,841
Jan - June 2010	1	1	7,161,478	40,716	0	3,499
July - Dec 2009	0	0	5,599,955	11,654	0	1,699
Jan - June 2009	2	2	4,793,388	73,492	0	4,006
#5 PP						
Jan - June 2011	3	3	654,309	17,438	0	3,535
July - Dec 2010	5	5	347,076	15,714	0	1,624
Jan - June 2010	3	2	348,882	8,678	0	1,266
July - Dec 2009	1	1	855,145	8,855	0	3,272
Jan - June 2009	1	1	498,361	3,580	0	28



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RATES			CONTAINERS			
#6 PS	Redemption	Recycling	Sales*	Recycled	Refillable	Postfilled
Jan - June 2011	9	9	31,488,163	2,948,575	0	118,603
July - Dec 2010	7	7	32,775,033	2,267,490	0	190,656
Jan - June 2010	8	8	28,555,782	2,397,305	0	118,902
July - Dec 2009	2	2	32,560,740	718,512	0	120,354
Jan - June 2009	3	2	30,085,789	591,006	0	309,378
#7 OTHER						
Jan - June 2011	8	6	20,594,075	1,270,863	0	337,555
July - Dec 2010	10	9	15,815,205	1,426,915	0	202,429
Jan - June 2010	13	12	11,666,084	1,437,347	0	175,872
July - Dec 2009	6	5	26,384,690	1,437,591	0	202,963
Jan - June 2009	14	13	11,561,036	1,560,508	0	180,656
BIMETAL						
Jan - June 2011	16	16	12,201,771	1,902,219	0	135,141
July - Dec 2010	11	11	12,824,642	1,376,413	0	118,218
Jan - June 2010	16	14	10,560,920	1,517,585	0	208,134
July - Dec 2009	7	7	26,579,935	1,790,673	0	119,930
Jan - June 2009	16	16	12,153,553	1,903,652	0	181,154
ALL MATERIALS						
Jan - June 2011	88	86	9,430,240,471	8,070,630,463	317	653,085,178
July - Dec 2010	80	78	10,993,225,628	8,600,750,361	318	631,479,727
Jan - June 2010	88	86	9,270,498,469	7,935,933,264	300	632,998,668
July - Dec 2009	81	80	11,327,306,182	9,009,821,398	805	621,114,614
Jan - June 2009	87	85	9,671,188,391	8,241,090,712	892	577,014,095

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

$$\text{Redemption Rate} = \frac{A + B + [C - (0.05 \times (A + B))]}{D}$$

$$\text{Recycling Rate} = \frac{(A+B)}{D} \quad \text{(The value in brackets [] is included only when greater than zero.)}$$

CONTAINER PER POUND RATES (GRV/POSTFILLED)	ALUMINUM	GLASS	#1 PET	#2 HDPE	#3 PVC	#4 LDPE
Jan - June 2011	29.1 / 29.21	1.86 / 0.95	14.5 / 6.18	6.5 / 5.04	26.7 / NA	39.7 / NA
PER POUND RATES (GRV/POSTFILLED)	#5 PP	#6 PS	#7 OTHER	BIMETAL		
Jan - June 2011	3.2 / NA	83.7 / NA	4.6 / NA	5.0 / 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.