



DEPARTMENT OF CONSERVATION

DIRECTOR'S OFFICE

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November 7, 2008

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 Conservation 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 first six-month period January through June of the 2008 calendar year.

The beverage container recycling rate for All Materials during the January through June 2008 period is 76 percent. Material specific recycling rates are as follows: aluminum 85 percent, glass 79 percent, #1 PET 63 percent, #2 HDPE 90 percent, #3 PVC 19 percent, #4 LDPE 0 percent, #5 PP 0 percent, #6 PS 1 percent, #7 Other 4 percent, and bimal 14 percent.

During the six-month period of January through June 2008, Californians recycled over 7.5 billion beverage containers; an increase of nearly 600 million beverage containers from the same time period in 2007. California continues to lead the nation in total quantity of bottles and cans recycled.

If you have any questions about this report, please contact Stephen Bantillo, Assistant Director for Recycling, at (916) 323-3836.

Bridgett Luther
Director

Enclosures

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

Table 1
November 7, 2008



RATES		CONTAINERS				
ALUMINUM	Redemption	Recycling	Sales*	Recycled	Refillable	Postfilled**
JAN - JUNE 2008	85	85	4,440,258,896	3,792,049,576	0	23,564,422
JUL - DEC 2007	76	76	5,240,128,361	3,981,779,453	0	47,948,223
JAN - JUNE 2007	83	83	4,372,921,863	3,635,100,274	0	40,542,232
JULY - DEC 2006	68	68	5,525,215,149	3,777,328,261	0	10,495,163
GLASS						
JAN - JUNE 2008	89	79	1,532,000,707	1,216,199,546	2,706	204,532,907
JUL - DEC 2007	70	63	1,897,307,418	1,198,847,956	9,227	196,675,261
JAN - JUNE 2007	80	71	1,591,800,628	1,131,926,658	411	192,504,408
JULY - DEC 2006	60	53	2,053,100,341	1,095,847,275	2,221	192,335,944
#1 PET						
JAN - JUNE 2008	63	63	3,829,299,907	2,426,175,275	0	76,315,551
JUL - DEC 2007	52	52	4,697,037,496	2,435,928,304	0	69,437,988
JAN - JUNE 2007	58	58	3,621,666,123	2,090,895,610	0	68,252,287
JULY - DEC 2006	44	44	4,527,973,516	2,011,374,219	0	75,727,130
#2 HDPE						
JAN - JUNE 2008	219	90	159,143,511	143,700,173	0	212,329,068
JUL - DEC 2007	164	66	204,297,648	133,901,618	0	206,866,476
JAN - JUNE 2007	182	70	176,304,205	122,809,250	0	204,900,700
JULY - DEC 2006	163	58	192,335,511	111,670,607	0	207,764,916
#3 PVC						
JAN - JUNE 2008	19	19	213,096	41,203	0	1,399
JUL - DEC 2007	16	16	407,518	66,920	0	0
JAN - JUNE 2007	12	12	345,108	41,072	0	6
JULY - DEC 2006	27	27	167,121	44,385	0	16
#4 LDPE						
JAN - JUNE 2008	0	0	3,321,591	5,424	0	2,797
JUL - DEC 2007	0	0	4,064,080	7,325	0	1,014
JAN - JUNE 2007	0	0	2,824,766	3,453	0	4,529
JULY - DEC 2006	0	0	3,861,606	4,455	0	10,853
#5 PP						
JAN - JUNE 2008	0	0	1,038,327	2,339	0	133
JUL - DEC 2007	6	6	795,591	43,817	0	563
JAN - JUNE 2007	2	2	1,414,584	33,246	0	8
JULY - DEC 2006	5	5	1,464,209	72,049	0	3,398

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RATES		CONTAINERS				
#6 PS	Redemption	Recycling	Sales*	Recycled	Refillable	Postfilled**
JAN - JUNE 2008	1	1	23,747,227	234,238	0	11,314
JUL - DEC 2007	1	1	20,699,983	208,514	0	14,183
JAN - JUNE 2007	1	1	13,296,615	178,769	0	25,949
JULY - DEC 2006	1	1	19,406,377	144,053	0	7,120
#7 OTHER						
JAN - JUNE 2008	5	4	19,803,001	879,624	0	90,163
JUL - DEC 2007	7	7	21,192,141	1,391,466	0	139,759
JAN - JUNE 2007	7	6	19,174,385	1,187,876	0	127,078
JULY - DEC 2006	6	6	22,312,516	1,245,306	0	109,503
BIMETAL						
JAN - JUNE 2008	15	14	16,187,928	2,276,770	0	206,279
JUL - DEC 2007	10	10	21,958,834	2,162,250	0	241,084
JAN - JUNE 2007	10	9	16,983,907	1,537,071	0	160,008
JULY - DEC 2006	8	8	22,031,494	1,749,970	0	162,935
ALL MATERIALS						
JAN - JUNE 2008	77	76	10,025,014,191	7,581,564,167	2,706	517,054,034
JUL - DEC 2007	65	64	12,107,889,070	7,754,337,623	9,227	521,324,551
JAN - JUNE 2007	73	71	9,816,732,184	6,983,713,280	411	506,517,205
JULY - DEC 2006	58	57	12,367,867,840	6,999,480,580	2,221	486,616,976

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 2008	29.3/33.53	1.92/0.92	14.2/6.01	6.0/4.83	9.8/NA	36.9/NA
CONTAINER PER POUND RATES (GRV/POSTFILLED)	#5 PP	#6 PS	#7 OTHER	BIMETAL		
JAN - JUNE 2008	3.0/NA	55.9/NA	5.3/NA	6.2/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.

** If the Redemption Weight reported was higher than the Received Weight reported, then the Redemption Weight was used as Received Weight resulting in zero (0) Postfilled Containers.