

November 5, 2021

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. This notice conveys the Biannual Report of Redemption and Recycling Rates for the six-month period of January through June 2021.

The beverage container recycling rate for all materials during the January through June 2021 period is 72 percent. Material specific recycling rates are as follows: Aluminum, 76 percent; glass, 68 percent; #1 PET, 71 percent; #2 HDPE, 56 percent; #3 PVC, 0 percent; #4 LDPE, 4 percent; #5 PP, 18 percent; #6 PS, 19 percent; #7 Other, 8 percent; and Bimetal, 9 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.

Please note that the recycling and redemption rates in the Biannual Report are calculated based on a two-month lag on containers sold to account for the time between when a beverage is sold and when it is returned. On the other hand, the Quarterly Report on the Status of the Beverage Container Recycling Fund does not include this two-month lag. The Quarterly Report presents the recycling rate based on a month-to-month calculation, meaning that beverage containers sold in one month are compared to containers returned that same month. This difference is the primary factor in any difference between the sales and returns numbers in the Biannual Report compared to the numbers in the Quarterly Report.

The Beverage Container Recycling Program Monthly Volume Report that we recently released, starting in September 2020, are adjusted monthly volumes based on incoming claims.

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

Sincerely,

Amy Cameron,
Assistant Director
for Recycling

Enclosure

January - June 2021 Biannual Rates History

Page 1 of 4

Aluminum Containers	Redemption %	Recycling %	Sales*	Recycled	Refillable	Postfilled
Jan - June 2021	76	76	4,747,422,143	3,611,965,680	0	32,059,185
July - Dec 2020	70	70	5,609,850,329	3,926,433,443	0	38,499,587
Jan - June 2020	77	77	4,296,891,754	3,304,687,585	0	73,304,608
July - Dec 2019	77	77	4,784,701,600	3,696,943,197	0	93,143,463
Jan - June 2019	86	86	3,917,610,618	3,370,758,496	0	121,186,228
Glass Containers	Redemption %	Recycling %	Sales*	Recycled	Refillable	Postfilled
Jan - June 2021	81	68	1,386,361,901	940,061,640	37,958	233,248,013
July - Dec 2020	66	55	1,773,321,054	969,479,216	23,123	247,830,281
Jan - June 2020	80	66	1,363,172,585	894,994,026	227	235,976,462
July - Dec 2019	75	63	1,659,215,014	1,046,733,797	185	242,001,078
Jan - June 2019	85	71	1,426,247,821	1,017,564,421	714	247,626,146
#1 PET Containers	Redemption %	Recycling %	Sales*	Recycled	Refillable	Postfilled
Jan - June 2021	71	71	6,050,235,452	4,302,449,490	0	152,301,056
July - Dec 2020	68	68	6,973,043,441	4,761,611,353	0	154,633,331
Jan - June 2020	69	69	5,829,181,708	4,000,156,720	0	158,022,800
July - Dec 2019	69	69	6,927,290,096	4,767,846,360	0	151,412,086
Jan - June 2019	81	81	5,441,919,663	4,405,117,765	0	138,508,116
#2 HDPE Containers	Redemption %	Recycling %	Sales*	Recycled	Refillable	Postfilled
Jan - June 2021	286	56	88,728,743	50,045,975	0	206,058,515
July - Dec 2020	249	50	100,319,291	50,353,269	0	202,025,510
Jan - June 2020	300	59	87,567,468	51,451,171	0	213,688,296
July - Dec 2019	304	62	93,822,834	58,637,263	0	229,790,472
Jan - June 2019	372	73	83,136,685	61,015,178	0	251,247,245

January - June 2021 Biannual Rates History

#3 PVC Containers	Redemption %	Recycling %	Sales*	Recycled	Refillable	Postfilled
Jan - June 2021	0	0	240,178	824	0	51
July - Dec 2020	0	0	339,979	398	0	13
Jan - June 2020	1	1	96,331	934	0	29
July - Dec 2019	1	1	109,074	892	0	28
Jan - June 2019	1	1	100,968	1,033	0	7
#4 LDPE Containers	Redemption %	Recycling %	Sales*	Recycled	Refillable	Postfilled
Jan - June 2021	5	4	2,466,481	92,801	0	27,749
July - Dec 2020	3	3	3,910,804	121,442	0	12,140
Jan - June 2020	3	3	4,129,861	123,383	0	15,610
July - Dec 2019	5	5	3,541,935	162,761	0	18,654
Jan - June 2019	5	4	3,438,861	153,805	0	17,726
#5 PP Containers	Redemption %	Recycling %	Sales*	Recycled	Refillable	Postfilled
Jan - June 2021	21	18	2,784,466	508,884	0	96,060
July - Dec 2020	19	17	2,953,858	510,213	0	88,305
Jan - June 2020	15	13	2,406,645	317,787	0	68,105
July - Dec 2019	26	24	1,519,049	360,042	0	54,935
Jan - June 2019	17	16	1,977,167	317,899	0	42,816
#6 PS Containers	Redemption %	Recycling %	Sales*	Recycled	Refillable	Postfilled
Jan - June 2021	20	19	97,606,694	18,753,174	0	1,900,844
July - Dec 2020	20	20	93,105,487	18,810,551	0	798,826
Jan - June 2020	18	18	84,923,427	15,643,395	0	545,428
July - Dec 2019	22	21	85,354,691	17,912,213	0	1,546,324
Jan - June 2019	24	24	65,832,412	16,029,834	0	878,044
#7 Other Containers	Redemption %	Recycling %	Sales*	Recycled	Refillable	Postfilled
Jan - June 2021	9	8	15,896,088	1,315,719	0	222,634
July - Dec 2020	12	11	13,677,763	1,448,507	0	203,266
Jan - June 2020	11	10	11,809,551	1,195,595	0	156,608
July - Dec 2019	12	11	12,757,169	1,385,485	0	199,115
Jan - June 2019	7	6	19,783,887	1,243,665	0	199,774

January - June 2021 Biannual Rates History

Page 3 of 4

Bimetal Containers	Redemption %	Recycling %	Sales*	Recycled	Refillable	Postfilled
Jan - June 2021	12	9	24,825,996	2,320,378	0	659,720
July - Dec 2020	14	10	24,318,095	2,324,486	0	1,205,325
Jan - June 2020	19	12	17,938,364	2,120,101	0	1,479,144
July - Dec 2019	12	12	22,266,266	2,583,716	0	192,991
Jan - June 2019	15	15	17,194,331	2,588,717	0	177,371
All Materials Containers	Redemption %	Recycling %	Sales*	Recycled	Refillable	Postfilled
Jan - June 2021	73	72	12,416,568,142	8,927,514,565	37,958	626,573,827
July - Dec 2020	68	67	14,594,840,101	9,731,092,878	23,123	645,296,584
Jan - June 2020	73	71	11,698,117,694	8,270,690,697	227	683,257,090
July - Dec 2019	72	71	13,590,577,728	9,592,565,726	185	718,359,146
Jan - June 2019	84	81	10,977,242,413	8,874,790,813	714	759,883,473

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 = $(A + B + [C - (0.05 \times (A + B))]) / D \times 100$ (The value in brackets [] is included only when greater than zero.)

Recycling Rate = $(A+B) / D \times 100$

Container per Pound Rates (CRV / Postfilled)	Aluminum	Glass	#1 PET	#2 HDPE	#3 PVC
Jan - June 2021 (RCs Only)	29.7 / 31.2	1.97 / 0.91	22.6 / 6.9	6.8 / 5.0	9.7 / NA
Container per Pound Rates (CRV / Postfilled)	#4 LDPE	#5 PP	#6 PS	#7 Other	Bimetal
Jan - June 2021 (RCs Only)	39.5 / NA	11.0 / NA	110.0 / NA	3.1 / NA	8.0 / NA

January - June 2021 Biannual Rates History

Page 4 of 4

Footnotes:

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