

Redemption Rates and Other Features of 10 U.S. State Deposit Programs

State	Redemption Rates (a)										Estimated Percent of Deposit Beverage Sales Recycled Via Curbside Programs (b)	Amount of Deposit	Handling Fee	Beverages Covered	% of Beverage Units Sold Covered by Deposit (c)	Population with Curbside Access (d)	
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022							
Michigan	95%	94%	93%	92%	91%	89%	89%	73%	75%	76%	4%	10¢	None. No redemption centers.	- Beer & malt beverages - Carbonated soft drinks, sparkling water, kombucha - Wine coolers & distilled spirits coolers	55%	61%	
Maine	90%				84%			76%	75%	78%	4%	Wine & liquor ≥ 50mL: 15¢ All others: 5¢	6¢	- All beverages except dairy products and unprocessed cider.	92%	67%	
Oregon	71%	68%	64%	64%	73%	81%	86%	77%	81%	86%	3%	10¢	None; OBRC funds redemption centers in partnership with retailers.	- All beverages except wine, distilled liquor, dairy milk and plant-based milk, and infant formula.	88%	95%	
Vermont	76%							78%	78%	72%	5%	Liquor: 15¢ All others: 5¢	Brand-sorted containers: 4¢ Commingled brands: 3.5¢	- Beer & malt beverages - Carbonated soft drinks & sparkling water - Wine coolers - Liquor	46%	76%	
California	74%	71%	72%	72%	68%	66%	67%	62%	61%	61%	Redemption rate reflects direct CRV redemption. Curbside and dropoff programs collected 9.5% of CRV beverage containers sold in CY2022.	<24 ounces: 5¢ ≥ 24 ounces: 10¢	Handling Fee of \$0.01092 per container paid to handling fee sites only. Processing payments for glass, PET, and HDPE average \$0.01 per container to redemption centers, curbside programs and other programs. All RCs and programs also keep revenue from scrap sales.	- Beer & malt beverages - Carbonated soft drinks & sparkling water - All other non-alcoholic beverages - Wine coolers & distilled spirits coolers - Excluded: milk, wine, spirits - Wine and spirits to be added 1/1/2024	88%	91%	
Hawaii	74%	71%	67%	65%	62%	63%	63%	62%	63%	59%	Deposit containers collected at curbside (in Honolulu only) are included in reported statewide redemption rates; deducted here to show true refund redemption.	5¢	Variable fees, effective 10-01-2022: aluminum & bi-metal: 3.4¢ glass 9.2¢, plastic 4.4¢ RCs also keep revenue from scrap sales.	- Beer & malt beverages - Carbonated soft drinks & sparkling water - All other non-alcoholic beverages - Wine coolers & distilled spirits coolers - Excluded: milk, wine, spirits	88%	77%	
New York	62%	64%	65%	66%	65%	64%	64%	64%	70%	70%		5¢	3.5¢	- Beer & malt beverages - Carbonated soft drinks & sparkling water - Bottled water including flavored water - Wine coolers	78%	95%	
Iowa	78%			65%							2016 recycling rate was 71%. An estimated 6% of containers sold are recycled through curbside & dropoff programs.	5¢	Dealer agents 1¢ Redemption centers and dealers: 3¢	- Beer & malt beverages - Carbonated soft drinks & sparkling water - Wine coolers - Wine & Liquor	63%	76%	
Massachusetts	66%	66%	59%	56%	57%	52%	50%	43%	38%	38%		10%	5¢	Redemption centers: 3.25¢ Retailers: 2.25¢	- Beer & malt beverages - Carbonated soft drinks & sparkling water	40%	77%
Connecticut	57%	53%	51%	49%	52%	50%	50%	44%	46%	44%		10%	5¢ (increases to 10¢ on 1/1/24)	Beer: 2.5¢ Other beverages: 3.5¢ Liquor "nips" have 5¢ sales fee	- All beverages except wine, distilled liquor, spirit-based hard seltzers, dairy milk and plant-based milk, and infant formula.	85%	86%