

PROCESSING FEE MEASUREMENTS

2016 Recycling Center Cost per Ton*

Aluminum	\$550.91
Glass	\$99.97
#1 PET	\$439.41
#2 HDPE	\$537.52
#3 PVC	\$845.55
#4 LDPE	\$1,206.25
#5 PP	\$1,082.16
#6 PS	\$670.31
#7 OTHER	\$734.43
Bimetal	\$677.40

* 2016 costs with reasonable rate of return plus Cost of Living Adjustment as published in 2016 Processing Fees Notice dated 12/15/2015.

2015 Annualized Scrap Values per Ton*

Aluminum	\$1,216.77
Glass	-\$1.10
#1 PET	\$273.45
#2 HDPE	\$354.51
#3 PVC	\$0.31
#4 LDPE	\$26.61
#5 PP	\$17.78
#6 PS	\$107.55
#7 Other	\$28.20
Bimetal	\$53.37

* For period 10/2014–09/2015 as published in 2016 Processing Fees Notice dated 12/15/2015.

2016 Processing Payments to RC, CS, CP/DP, SP per Ton*

Glass	\$101.07
#1 PET	\$165.96
#2 HDPE	\$183.01
#3 PVC	\$845.24
#4 LDPE	\$1,179.64
#5 PP	\$1,064.38
#6 PS	\$562.76
#7 Other	\$706.23
Bimetal	\$624.03

* Rates effective 1/1/2016, as published in 2016 Processing Fees Notice dated 12/15/2015. No Processing Payment for Aluminum.

2016 Processing Fee Paid by Manufacturers per Container Sold*

Glass	\$0.00232
#1 PET	\$0.00024
#2 HDPE	\$0.00140
#3 PVC	\$0.00755
#4 LDPE	\$0.00924
#5 PP	\$0.05765
#6 PS	\$0.00166
#7 Other	\$0.07173
Bimetal	\$0.03027

* Rates effective 1/1/2016, as published in 2016 Processing Fees Notice dated 12/15/2015. No Processing Fee for Aluminum.

Total 2015 Processing Payments Paid to RC, CS, CP/DP, SP (Millions)

Glass	\$60.579
#1 PET	\$29.372
#2 HDPE	\$3.405
#3 PVC	\$0
#4 LDPE	\$0.005
#5 PP	\$0.015
#6 PS	\$0.091
#7 Other	\$0.436
Bimetal	\$0.277
Total Processing Payments	\$94.181

Total 2015 Processing Fees Paid by Manufacturers (Millions)

Glass	\$6.626
#1 PET	\$1.695
#2 HDPE	\$0.568
#3 PVC	\$0
#4 LDPE	\$0.217
#5 PP	\$0.189
#6 PS	\$0.365
#7 Other	\$2.151
Bimetal	\$1.357
Total Processing Fees	\$13.169

DRRR 201601565

2016 CONTAINERS PER POUND

(Recycling Centers Only)*

Material	# of Containers	Refund Value
Aluminum	28.8	\$1.57
Glass	1.9	\$0.104
#1 PET	21.3	\$1.21
#2 HDPE	7.2	\$0.58
#3 PVC	11.2	\$0.56
#4 LDPE	41.5	\$2.08
#5 PP	6.0	\$0.54
#6 PS	110.4	\$5.52
#7 Other	3.2	\$0.32
Bimetal	6.7	\$0.34

* Rates effective 1/1/2016, as published in 2016 Refund Value per Segregated Pound, Refund Value per Commingled Pound, and Containers per Segregated Pound Rates Notice published 12/1/2015.

CONTAINERS CURRENTLY INCLUDED IN THE BEVERAGE CONTAINER RECYCLING PROGRAM

- Beer and other malt beverages
- Wine coolers and distilled spirit coolers
- Carbonated water, including soda and carbonated mineral water
- Carbonated soft drinks
- Non-carbonated water
- Non-carbonated soft drinks and “sport” drinks
- Non-carbonated fruit drinks that contain any percentage of fruit juice (excluding 100% fruit juice in 46 oz. or larger containers)
- Coffee and tea drinks
- Carbonated fruit drinks
- Vegetable juices in beverage containers of 16 oz. or smaller

California Environmental Protection Agency



Information accurate as of May 2016. Values shown may change over time. Due to rounding, figures may not add to 100%.

California's Beverage Container Recycling and Litter Reduction Program

FACT SHEET



In 2015, Californians recycled an average of 51,032,560 beverage containers each day, which equates to more than 18.6 billion CRV beverage containers for the year.

This saved the equivalent of 5.1 million barrels of oil and reduced the equivalent of 1.7 million metric tons of carbon dioxide in greenhouse gas emissions, which equates to eliminating the energy consumption of more than 261,000 households for one year.*

*Based on Waste Reduction Model (WARM) developed by U.S. EPA

California Environmental Protection Agency
Department of Resources Recycling and Recovery
Division of Recycling

Updated May 2016

SALES AND RETURNS

Calendar Year 2015 (Millions of Containers)

Material	Sales	Returns
Aluminum	8,297.75	7,623.51
Glass	3,280.05	2,389.15
#1 PET	10,960.18	8,385.96
#2 HDPE	257.51	190.08
#3 PVC	0.02	0.01
#4 LDPE	19.62	0.31
#5 PP	3.25	0.19
#6 PS	120.28	27.79
#7 Other	38.76	3.21
Bimetal	33.80	6.67
All Materials	23,011.24	18,626.88

RECYCLING RATES

Calendar Years

Material	2013	2014	2015
Aluminum	100%	96%	92%
Glass	85%	76%	73%
#1 PET	74%	70%	77%
#2 HDPE	108%	70%	74%
#3 PVC	14%	18%	49%
#4 LDPE	1%	2%	2%
#5 PP	10%	13%	6%
#6 PS	19%	17%	23%
#7 Other	5%	4%	8%
Bimetal	18%	26%	20%
All Materials	85%	80%	81%

PLASTIC RESIN CODE DESCRIPTION



Polyethylene terephthalate



Polypropylene



High-density polyethylene



Polystyrene



Polyvinyl chloride/vinyl



Other plastics, includes multilayer



Low-density polyethylene

PROGRAM HISTORY

AB 2020 (Margolin), authorizing legislation, signed 9/28/86

- Distributor labeling requirements and redemption payments began 9/1/87
- Dealer signage requirements and consumer redemptions began 10/1/87

More than 75 bills enacted since 1987, including:

- SB 1221 (Hart), 1989: Two-for-a-nickel
- AB 87 (Sher), 1992: Processing fees, handling fees
- SB 1178 (O'Connell, Sher), 1995: Processing fees, handling fees
- SB 332 (Sher), 1999: New containers, program expenditures
- SB 1906 (Sher), 2000: Enforcement authority
- SB 528 (Sher), 2001: Enforcement authority
- AB 28 (Jackson), 2003: CRV, processing fees, processing payments, expenditures
- AB 3056 (Nat'l Res Comm.), 2006: CRV, processing fees, processing payments, expenditures
- SB 63 (Strickland), 2009: Merged the Integrated Waste Management Board and the Division of Recycling into the new Department of Resources Recycling and Recovery (CalRecycle)
- AB 7 (8X) (Budget Comm.), 2010: Fiscal solvency
- AB 1933 (Gordon), 2012: Enforcement authority, handling fees
- SB 96 (Budget Comm.), 2013: Certification, enforcement
- SB 861 (Budget Comm.), 2014: Enforcement; Community Conservation Corps
- AB 1846 (Gordon), 2014: Enforcement

LOCAL COMMUNITY CONSERVATION CORPS

GRANTS – Fiscal Year 2015-16

Total Funding Provided (Millions)	\$6.4
Number of Applicants for Grants	13

FUNDS PAID TO CITIES AND COUNTIES

Fiscal Year 2015-16

Total Funds Awarded (Millions)	\$10.5
Total Funds Available (Millions)	\$10.5
Eligible Cities and Counties	539
Number of Recipients	539

BEVERAGE CONTAINER RECYCLING

GRANTS – Fiscal Year 2015-16

Total Funds Awarded (Millions)	\$1.5
Number of Recipients	8

CALIFORNIA BEVERAGE CONTAINER RECYCLING FUND ACTIVITY

Fiscal Year 2015-16 Estimated

Estimated Revenues	(Millions)
CRV In (from Distributors)	\$1,252.3
Interest	\$0.1
Estimated Expenditures	
CRV Out (to Processors)	\$1,091.2
Processing Fee Offset (to Processors)	\$83.7
DOR Administration	\$47.4
Handling Fees (to CZ RCs)	\$52.5
Curbside/Neighborhood Drop-Off Supplemental Payments	\$15.0
Cities and Counties Payments	\$10.5
Public Education	\$0
Quality Incentive Payment Program (for single-stream glass cleaning/color sorting)	\$10.0
Market Development Payments (for plastics)	\$10.0
Community Conservation Corps Grants	\$6.4
Nonprofit Competitive Grants	\$1.5
State Operations	\$0.1

PROGRAM PARTICIPANTS

Beverage Manufacturers and Distributors (12/2015)

Beverage Manufacturers	1,744
Distributors	1,865

PROGRAM PARTICIPANTS

Certified or Registered (4/2016)

Processors	201
Buyback Centers (RC)	1,829
Curbside Programs	602
Collection/Drop-Off (CP/DP)	208
Community Service (SP)	197

CONVENIENCE ZONE RECYCLERS

Calendar Year 2015

Number of Handling Fee Sites	1,074
Average Handling Fee Paid/Month/Site	\$4,142

PARTICIPANT SHARES

Calendar Year 2015

	CRV Out (%)	AL (%)	GL (%)	P1 (%)	P2 (%)
Traditional RCs	54	60	43	52	37
Supermarket-Sited Handling Fee RCs	26	26	20	28	20
Supermarket-Sited Non-Handling Fee RCs	8	9	6	8	7
Curbside Programs	9	4	25	9	29
CP/DP/SP	3	1	6	3	7

ENFORCEMENTS AND INSPECTIONS

Calendar Year 2015

Compliance Audits Completed	112
Audit Findings (Millions)	\$6.565
Processor Load Inspections	6,826
Claims Denied or Reduced	100
Recycler Inspections Conducted	4,185
Notices of Noncompliance Issued	1,053
Notices of Violation Issued	611
Investigations Completed	75
Placed on Prepayment Controls	37
Probationary Reviews Completed	850
Dealer Inspections Conducted	128
Notices of Noncompliance Issued	31
Notices of Violation Issued	23