

PROCESSING FEE MEASUREMENTS

2017 Recycling Center Cost per Ton*

Aluminum	\$524.07
Glass	\$95.10
#1 PET	\$418.01
#2 HDPE	\$511.33
#3 PVC	\$804.36
#4 LDPE	\$1,147.48
#5 PP	\$1,029.44
#6 PS	\$637.65
#7 OTHER	\$698.65
Bimetal	\$644.39

* 2016 costs with reasonable financial return plus Cost of Living Adjustment as published in 2017 Processing Fees Notice dated 12/15/2016.

2016 Annualized Scrap Values per Ton*

Aluminum	\$1,202.89
Glass	-\$4.55
#1 PET	\$192.90
#2 HDPE	\$223.96
#3 PVC	\$98.72
#4 LDPE	\$0.11
#5 PP	\$22.33
#6 PS	\$5.49
#7 Other	\$3.74
Bimetal	\$21.33

* For period 10/2015–09/2016 as published in 2017 Processing Fees Notice dated 12/15/2016.

2017 Processing Payments to RC, CS, CP/DP, SP per Ton*

Glass	\$99.65
#1 PET	\$225.11
#2 HDPE	\$287.37
#3 PVC	\$705.64
#4 LDPE	\$1,147.37
#5 PP	\$1,007.11
#6 PS	\$632.16
#7 Other	\$694.91
Bimetal	\$623.06

* Rates effective 1/1/2017, as published in 2017 Processing Fees Notice dated 12/15/2016. No Processing Payment for Aluminum.

2017 Processing Fee Paid by Manufacturers per Container Sold*

Glass	\$0.00219
#1 PET	\$0.00035
#2 HDPE	\$0.00243
#3 PVC	\$0.00630
#4 LDPE	\$0.00910
#5 PP	\$0.04610
#6 PS	\$0.00180
#7 Other	\$0.07058
Bimetal	\$0.03022

* Rates effective 1/1/2017, as published in 2017 Processing Fees Notice dated 12/15/2016. No Processing Fee for Aluminum.

Total 2016 Processing Payments Paid to RC, CS, CP/DP, SP (Millions)

Glass	\$61.454
#1 PET	\$42.979
#2 HDPE	\$2.684
#3 PVC	\$0
#4 LDPE	\$0.004
#5 PP	\$0.018
#6 PS	\$0.073
#7 Other	\$0.374
Bimetal	\$0.232
Total Processing Payments	\$107.819

Total 2016 Processing Fees Paid by Manufacturers (Millions)

Glass	\$7.900
#1 PET	\$3.777
#2 HDPE	\$0.415
#3 PVC	\$0
#4 LDPE	\$0.174
#5 PP	\$0.197
#6 PS	\$0.293
#7 Other	\$1.791
Bimetal	\$1.359
Total Processing Fees	\$15.908

2017 CONTAINERS PER POUND

(Recycling Centers Only)*

Material	# of Containers	Refund Value
Aluminum	28.4	\$1.570
Glass	1.95	\$0.103
#1 PET	21.3	\$1.200
#2 HDPE	6.5	\$0.550
#3 PVC	11.2	\$0.560
#4 LDPE	41.0	\$2.050
#5 PP	7.1	\$0.540
#6 PS	114.2	\$5.710
#7 Other	3.2	\$0.310
Bimetal	6.7	\$0.340

* Rates effective 1/1/2017, as published in 2017 Recycling Program Rates published 12/1/2016.

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 June 2017. 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 2016, Californians recycled an average of 50,314,126 beverage containers each day, which equates to more than 18.4 billion CRV beverage containers for the year.

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

Updated June 2017

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SALES AND RETURNS

Calendar Year 2016 (Millions of Containers)

Material	Sales	Returns
Aluminum	8,068.56	7,302.35
Glass	3,222.29	2,305.74
#1 PET	11,321.20	8,613.50
#2 HDPE	243.04	157.08
#3 PVC	0.06	0.01
#4 LDPE	14.44	0.30
#5 PP	2.91	0.19
#6 PS	120.07	28.50
#7 Other	44.11	3.37
Bimetal	46.68	4.93
All Materials	23,083.35	18,415.97

RECYCLING RATES

Calendar Years

Material	2014	2015	2016
Aluminum	96%	92%	91%
Glass	76%	73%	72%
#1 PET	70%	77%	76%
#2 HDPE	70%	74%	65%
#3 PVC	18%	49%	13%
#4 LDPE	2%	2%	2%
#5 PP	13%	6%	7%
#6 PS	17%	23%	24%
#7 Other	4%	7%	8%
Bimetal	26%	20%	11%
All Materials	80%	81%	80%

PLASTIC RESIN CODE DESCRIPTION



Polyethylene terephthalate



High-density polyethylene



Polyvinyl chloride/vinyl



Low-density polyethylene



Polypropylene



Polystyrene



Other plastics, includes multilayer

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

Over 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), 2000: New containers, program expenditures
- SB 1906 (Sher), 2000: Enforcement authority
- SB 528 (Sher), 2001: Enforcement authority
- AB 28 (Jackson), 2004: 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
- AB 1005 (Gordon), 2016: Extended the plastic market development program, until 1/1/2018
- AB 2530 (Gordon), 2016: Established plastic content reporting requirements

FUNDS PAID TO CITIES AND COUNTIES

Fiscal Year 2016-17

Total Funds Awarded (Millions)	\$9.6
Total Funds Available (Millions)	\$10.5
Eligible Cities and Counties	539
Number of Recipients	450

LOCAL COMMUNITY CONSERVATION CORPS

GRANTS – Fiscal Year 2016-17

Total Funding Provided (Millions)	\$6.8
Number of Applicants for Grants	13

BEVERAGE CONTAINER RECYCLING

GRANTS – Fiscal Year 2016-17

Total Funds Awarded (Millions)	\$1.47
Number of Recipients	10

CALIFORNIA BEVERAGE CONTAINER

RECYCLING FUND ACTIVITY

Fiscal Year 2016-17 Estimated

Estimated Revenues	(Millions)
CRV In (minus 1.5% admin fee from Distributors)	\$1,274.2
Interest	\$0.4
Estimated Expenditures	
CRV Out (plus 2.5% admin fee to Processors)	\$1,056.7
Processing Fee Offset	\$104.8
DOR Administration	\$51.1
Handling Fees (to CZ RCs)	\$46.7
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	\$6.8
Nonprofit Competitive Grants	\$1.5
State Operations	\$0.1

PROGRAM PARTICIPANTS

Certified or Registered (6/2017)

Processors	183
Buyback Centers (RC)	1,684
Curbside Programs	611
Collection/Drop-Off (CP/DP)	203
Community Service (SP)	196

PROGRAM PARTICIPANTS

Beverage Manufacturers and Distributors (6/2017)

Beverage Manufacturers	1,884
Distributors	2,018

CONVENIENCE ZONE RECYCLERS

Calendar Year 2016

Number of Handling Fee Sites	1,082
Average Handling Fee Paid/Month/Site	\$5,135

PARTICIPANT SHARES

Calendar Year 2016

	CRV Out (%)	AL (%)	GL (%)	P1 (%)	P2 (%)
Traditional RCs	54	59	43	52	39
Supermarket-Sited Handling Fee RCs	27	27	19	28	22
Supermarket-Sited Non-Handling Fee RCs	7	8	6	7	8
Curbside Programs	9	4	27	9	22
CP/DP/SP	3	2	5	4	9

ENFORCEMENT ACTIONS AND INSPECTIONS

Calendar Year 2016

Compliance Audits Completed	68
Audit Findings (Millions)	\$17.643
Processor Load Inspections	5,143
Claims Denied or Reduced	102
Recycler Inspections Conducted	3,430
Notices of Noncompliance Issued	803
Notices of Violation Issued	577
Investigations Completed	74
Recyclers placed on Prepayment Controls	27
Probationary Reviews Completed	245
Dealer Inspections Conducted	510
Notices of Noncompliance Issued	202
Notices of Violation Issued	68