

BLACKROCK CALIFORNIA MUNICIPAL INCOME TRUST

Form N-Q

December 21, 2012

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED

MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-10331

Name of Fund: BlackRock California Municipal Income Trust (BFZ)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock California

Municipal Income Trust, 55 East 52nd Street, New York, NY 10055

Registrant's telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 07/31/2013

Date of reporting period: 10/31/2012

Item 1 Schedule of Investments

Schedule of Investments October 31, 2012 (Unaudited)

BlackRock California Municipal Income Trust (BFZ)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
California 94.0%		
Corporate 0.1%		
City of Chula Vista California, Refunding RB, San Diego Gas & Electric,		
Series A, 5.88%, 2/15/34	\$ 680	\$ 802,216
County/City/Special District/School District 34.2%		
Butte-Glenn Community College District, GO, Election of 2002, Series C, 5.50%, 8/01/30	8,425	9,899,796
California State Public Works Board, RB, Various Capital Projects, Sub-Series I-1, 6.63%, 11/01/34	7,950	9,763,077
Cerritos Community College District, GO, Election of 2004, Series C, 5.25%, 8/01/31	3,000	3,462,210
City of San Jose California Hotel Tax, RB, Convention Center Expansion & Renovation Project: 6.13%, 5/01/31	500	600,670
6.50%, 5/01/36	1,210	1,455,170
6.50%, 5/01/42	2,225	2,672,225
County of Kern California, COP, Capital Improvements Projects, Series A (AGC), 6.00%, 8/01/35	2,000	2,343,240
County of Los Angeles California Public Works Financing Authority, Refunding RB, Multiple Capital Projects II, 5.00%, 8/01/42 (a)	4,640	5,137,733
Evergreen Elementary School District, GO, Election of 2006, Series B (AGC), 5.13%, 8/01/33	2,500	2,840,300
Grossmont Healthcare District, GO, Election of 2006, Series B: 6.00%, 7/15/34	2,235	2,747,173
6.13%, 7/15/40	2,000	2,460,540
Long Beach Unified School District California, GO, Refunding, Election of 2008, Series A, 5.75%, 8/01/33	4,135	4,913,910
Los Alamitos Unified School District California, GO, School Facilities Improvement District No. 1, 5.50%, 8/01/33	5,735	6,641,876
Los Angeles Municipal Improvement Corp., Refunding RB, Real Property, Series B (AGC), 5.50%, 4/01/30	4,975	5,692,793
Modesto Irrigation District, COP, Capital Improvements, Series A: 5.75%, 10/01/29	3,000	3,449,880
5.75%, 10/01/34	180	203,643
Norwalk-La Mirada Unified School District California, GO, CAB, Refunding, Election of 2002, Series E (AGC), 5.05%, 8/01/38 (b)	12,870	3,558,941
Oak Grove School District California, GO, Election of 2008, Series A, 5.50%, 8/01/33	6,000	7,017,960
	Par	
	(000)	Value
Municipal Bonds		
California (continued)		
County/City/Special District/School District		
(continued)		
Orange County Water District, COP, Refunding, 5.25%, 8/15/34	\$ 2,000	\$ 2,359,160
Pico Rivera Public Financing Authority, RB, 5.75%, 9/01/39	2,000	2,263,500
Pittsburg Unified School District, GO, Election of 2006, Series B (AGC), 5.50%, 8/01/34	2,000	2,282,580
Sacramento Area Flood Control Agency, Special Assessment Bonds, Consolidated Capital Assessment District, 5.25%, 10/01/32	3,000	3,455,340
San Diego Community College District California, GO, Election of 2002, 5.25%, 8/01/33	1,500	1,812,615
San Diego Regional Building Authority California, RB, County Operations Center & Annex, Series A, 5.38%, 2/01/36	6,500	7,337,980
San Jose Financing Authority, Refunding RB, Civic Center Project, Series B (AMBAC), 5.00%, 6/01/37	6,000	6,019,320
San Leandro Unified School District California, GO, Election of 2010, Series A, 5.75%, 8/01/41	3,060	3,653,824

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Santa Ana Unified School District, GO, Election of 2008, Series A:		
5.50%, 8/01/30	6,455	7,370,706
5.13%, 8/01/33	10,000	11,064,100
Santa Clara County Financing Authority, Refunding LRB, Series L, 5.25%, 5/15/36	21,000	23,394,420
Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC), 5.75%, 9/01/38	2,250	2,599,537
Torrance Unified School District California, GO, Election of 2008, Measure Z, 6.00%, 8/01/33	4,000	4,790,240
Tustin Unified School District, GO, Election of 2008, Series B, 5.25%, 8/01/31	3,445	4,106,406
West Contra Costa Unified School District, GO, Election of 2010, Series A (AGM), 5.25%, 8/01/32	4,760	5,590,620
Westminster Redevelopment Agency California, Tax Allocation Bonds, Subordinate, Commercial Redevelopment Project No. 1 (AGC), 6.25%, 11/01/39	7,750	9,420,667
William S. Hart Union High School District, GO, CAB, Refunding, Series B (AGM) (b):		
4.97%, 8/01/34	11,150	3,833,147

BLACKROCK CALIFORNIA MUNICIPAL INCOME TRUST

OCTOBER 31, 2012

1

Schedule of Investments (continued)

BlackRock California Municipal Income Trust (BFZ)

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
California (continued)		
County/City/Special District/School District		
(concluded)		
William S. Hart Union High School District, GO, CAB, Refunding, Series B (AGM) (b) (concluded): 5.02%, 8/01/35	\$ 9,800	\$ 3,171,084
		179,386,383
Education 5.2%		
California Educational Facilities Authority, Refunding RB, San Francisco University, 6.13%, 10/01/36	6,280	7,707,319
California Municipal Finance Authority, RB, Emerson College, 5.75%, 1/01/33	2,500	2,918,500
University of California, RB, Series O, 5.38%, 5/15/34	460	544,493
University of California, Refunding RB, Limited Project, Series G, 5.00%, 5/15/37	13,840	16,133,703
		27,304,015
Health 18.1%		
ABAG Finance Authority for Nonprofit Corps, Refunding RB, Sharp Healthcare: 6.38%, 8/01/34	3,055	3,309,634
6.25%, 8/01/39	3,775	4,473,828
Series A, 6.00%, 8/01/30	2,275	2,790,811
California Health Facilities Financing Authority, RB: Adventist Health System West, Series A, 5.75%, 9/01/39	6,655	7,675,677
Catholic Healthcare West, Series J, 5.63%, 7/01/32	7,000	7,659,330
Children's Hospital, Series A, 5.25%, 11/01/41	2,685	2,988,083
Sutter Health, Series A, 5.25%, 11/15/46	9,320	10,178,745
Sutter Health, Series B, 6.00%, 8/15/42	6,015	7,227,383
California Health Facilities Financing Authority, Refunding RB: Catholic Healthcare West, Series A, 6.00%, 7/01/29	1,000	1,192,330
Catholic Healthcare West, Series A, 6.00%, 7/01/34	4,400	5,215,364
Catholic Healthcare West, Series A, 6.00%, 7/01/39	3,050	3,607,082
Providence Health, 6.50%, 10/01/18 (c)	25	32,851
Providence Health, 6.50%, 10/01/38	4,090	4,867,959
	Par (000)	Value
Municipal Bonds		
California (continued)		
Health (concluded)		
California Statewide Communities Development Authority, RB, Series A: Health Facility Memorial Health Services, 5.50%, 4/01/13 (c)	\$ 7,000	\$ 7,154,420
Kaiser Permanente, 5.50%, 11/01/32	11,090	11,090,000
Kaiser Permanente, 5.00%, 4/01/42	6,000	6,645,480
California Statewide Communities Development Authority, Refunding RB, Catholic Healthcare West: Series B, 5.50%, 7/01/30	2,960	3,319,610
Series E, 5.50%, 7/01/31	4,965	5,522,123
		94,950,710
State 8.1%		

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California State Public Works Board, RB:		
Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34	9,000	10,831,770
Various Capital Projects, Sub-Series I-1, 6.38%, 11/01/34	5,025	6,081,556
State of California, GO, Various Purpose:		
6.00%, 3/01/33	5,080	6,298,997
6.50%, 4/01/33	5,985	7,525,300
6.00%, 4/01/38	9,860	11,848,663
		42,586,286

Transportation 10.0%

City of Los Angeles Department of Airports, Refunding RB:		
Los Angeles International Airport, Sub-Series C, 5.25%, 5/15/38	1,455	1,605,287
Series A, 5.00%, 5/15/34	6,000	6,730,320
City of San Jose California, Refunding ARB, California Airport, Series A-1, AMT:		
5.75%, 3/01/34	2,275	2,631,424
6.25%, 3/01/34	2,650	3,185,406
County of Orange California, ARB, Series B, 5.75%, 7/01/34	8,000	9,017,920
County of Sacramento California, ARB:		
PFC/Grant, Sub-Series D, 6.00%, 7/01/35	3,000	3,465,660
Senior Series B, 5.75%, 7/01/39	1,850	2,109,093
Los Angeles Harbor Department, RB, Series B, 5.25%, 8/01/34	5,530	6,454,008
San Francisco City & County Airports Commission, RB, Series E, 6.00%, 5/01/39	6,750	7,981,537

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OCTOBER 31, 2012

2

Schedule of Investments (continued)

BlackRock California Municipal Income Trust (BFZ)

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
California (continued)		
Transportation (concluded)		
San Joaquin County Transportation Authority, Refunding RB, Limited Tax, Measure K, Series A: 6.00%, 3/01/36	\$ 2,880	\$ 3,531,802
5.50%, 3/01/41	5,000	5,911,350
		52,623,807
Utilities 18.3%		
Anaheim Public Financing Authority, RB, Anaheim Electric System Distribution Facilities: 5.25%, 10/01/39	1,500	1,701,240
Series A, 5.38%, 10/01/36	7,690	9,064,434
California Infrastructure & Economic Development Bank, RB, California Independent System Operator, Series A, 6.25%, 2/01/39	5,500	6,019,200
Calleguas-Las Virgenes Public Financing Authority California, RB, Calleguas Municipal Water District Project, Series A (NPFGC), 5.13%, 7/01/32	4,000	4,355,320
City of Chula Vista California, Refunding RB, San Diego Gas & Electric: Series D, 5.88%, 1/01/34	2,500	2,949,325
Series E, 5.88%, 1/01/34	6,500	7,668,245
City of Los Angeles California Wastewater System, Refunding RB: Series A, 5.00%, 6/01/39	2,000	2,237,300
Sub-Series A, 5.00%, 6/01/32	4,000	4,606,240
City of Petaluma California Wastewater, Refunding RB, 6.00%, 5/01/36	5,625	6,892,312
City of San Francisco Public Utilities Commission, Refunding RB, Series A (NPFGC), 5.00%, 11/01/12 (c)	4,000	4,000,000
Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41	2,425	2,957,021
Los Angeles Department of Water & Power, RB: Power System, Sub-Series A-1, 5.25%, 7/01/38	9,000	10,496,430
Series A, 5.38%, 7/01/34	3,050	3,580,487
Series B, 5.00%, 7/01/43	5,000	5,788,050
Los Angeles Department of Water & Power, Refunding RB, Power System: Series A, 5.25%, 7/01/39	4,000	4,717,240
Sub-Series A-2, 5.00%, 7/01/30	2,200	2,260,852
San Diego County Water Authority, COP, Refunding, Series A (NPFGC), 5.00%, 5/01/32	1,850	1,869,795
San Diego Public Facilities Financing Authority, Refunding RB: Senior Series A, 5.25%, 5/15/34	9,520	10,947,619
	Par (000)	Value
California (concluded)		
Utilities (concluded)		
San Diego Public Facilities Financing Authority, Refunding RB (concluded): Series A, 5.25%, 8/01/38	\$	