

BLACKROCK CALIFORNIA MUNICIPAL INCOME TRUST

Form N-Q

June 25, 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: 07/31/2012

Date of reporting period: 04/30/2012

Item 1 – Schedule of Investments

Schedule of Investments April 30, 2012 (Unaudited)

BlackRock California Municipal Income Trust (BFZ)
(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
California 93.9%		
Corporate 0.2%		
City of Chula Vista California, Refunding RB, San Diego Gas & Electric, Series A, 5.88%, 2/15/34	\$ 680	\$ 784,244
County/City/Special District/School District 37.1%		
Butte-Glenn Community College District, GO, Election of 2002, Series C, 5.50%, 8/01/30	8,425	9,758,509
California State Public Works Board, RB, Various Capital Projects, Various Capital Projects, Sub-Series I-1, 6.63%, 11/01/34	8,000	9,492,080
Cerritos Community College District, GO, Election of 2004, Series C, 5.25%, 8/01/31	3,000	3,390,960
City of Los Angeles, RB, Series A, 5.00%, 6/01/39	2,000	2,181,540
City of San Jose California, RB, Convention Center Expansion & Renovation Project: 6.13%, 5/01/31	500	558,035
6.50%, 5/01/36	1,210	1,375,044
6.50%, 5/01/42	2,225	2,515,719
County of Kern California, COP, Capital Improvements Projects, Series A (AGC), 6.00%, 8/01/35	2,000	2,304,760
Desert Community College District, GO, CAB, Election of 2004, Series C (AGM), 5.90%, 8/01/46 (a)	4,230	614,957
Evergreen Elementary School District, GO, Election of 2006, Series B (AGC), 5.13%, 8/01/33	2,500	2,775,000
Grossmont Healthcare District, GO, Election of 2006, Series B: 6.00%, 7/15/34	2,275	2,711,368
6.13%, 7/15/40	2,000	2,375,780
Grossmont Union High School District, GO, CAB, Election of 2004, 5.46%, 8/01/32 (a)	9,015	3,162,372
Long Beach Unified School District California, GO, Refunding, Election of 2008, Series A, 5.75%, 8/01/33	4,135	4,815,373
Los Alamitos Unified School District California, GO, School Facilities Improvement District No. 1, 5.50%, 8/01/33	5,735	6,515,132
Los Angeles Municipal Improvement Corp., Refunding RB, Real Property, Series B (AGC), 5.50%, 4/01/30	4,975	5,581,602
Modesto Irrigation District, COP, Capital Improvements, Series A: 5.75%, 10/01/29	3,000	3,382,080
5.75%, 10/01/34	180	199,787

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Municipal Bonds	Par (000)	Value
California (continued)		
County/City/Special District/School District (continued)		
Norwalk-La Mirada Unified School District California, GO, CAB, Election of 2002, Series E (AGC), 5.54%, 8/01/38 (a)	\$ 7,500	\$ 1,772,925
Oak Grove School District California, GO, Election of 2008, Series A, 5.50%, 8/01/33	6,000	6,869,880
Orange County Water District, COP, Refunding, 5.25%, 8/15/34	2,000	2,278,620
Pico Rivera Public Financing Authority, RB, 5.75%, 9/01/39	2,000	2,205,800
Pittsburg Unified School District, GO, Election 2006, Series B (AGC), 5.50%, 8/01/34	2,000	2,241,860
Sacramento Area Flood Control Agency, Consolidated Capital Assessment District: 5.25%, 10/01/32	3,000	3,350,430
5.00%, 10/01/37	7,000	7,569,660
San Bernardino Community College District, GO, Election Of 2008, Series B, 6.34%, 8/01/44 (a)	5,000	888,200
San Diego Community College District California, GO, Election of 2002, 5.25%, 8/01/33	1,500	1,721,610
San Diego Regional Building Authority California, RB, County Operations Center & Annex, Series A, 5.38%, 2/01/36	6,500	7,206,355
San Jose Financing Authority, Refunding RB, Civic Center Project, Series B (AMBAC), 5.00%, 6/01/37	6,000	6,018,420
San Leandro Unified School District California, GO, Election of 2010, Series A, 5.75%, 8/01/41	3,060	3,524,202
San Marcos Unified School District, GO, CAB, 2010 Election, Series B, 5.68%, 8/01/47 (a)(b)	4,800	683,520
Santa Ana Unified School District, GO, Election of 2008, Series A: 5.50%, 8/01/30	6,455	7,162,533
5.13%, 8/01/33	10,000	10,869,800
Santa Clara County Financing Authority, Refunding LRB, Series L, 5.25%, 5/15/36	21,000	23,045,190
Santa Cruz County Redevelopment Agency California, Tax Allocation Bonds, Live Oak/Soquel Community Improvement, Series A: 6.63%, 9/01/29	1,000	1,161,260
7.00%, 9/01/36	1,460	1,728,859
Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC), 5.75%, 9/01/38	2,250	2,542,320

Schedule of Investments (continued)

BlackRock California Municipal Income Trust (BFZ)
(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
California (continued)		
County/City/Special District/School District (concluded)		
Torrance Unified School District California, GO, Election of 2008, Measure Z, 6.00%, 8/01/33	\$ 4,000	\$ 4,696,960
Tustin Unified School District, GO, Election of 2008, Series B, 5.25%, 8/01/31	3,445	3,991,618
West Contra Costa Unified School District, GO, Election of 2010, Series A (AGM), 5.25%, 8/01/32	4,725	5,393,540
Westminster Redevelopment Agency California, Tax Allocation Bonds, Subordinate, Commercial Redevelopment Project No. 1 (AGC), 6.25%, 11/01/39	7,750	9,211,495
William S. Hart Union High School District, GO, CAB, Series B (AGM) (a): 6.29%, 8/01/34	11,150	3,436,318
6.33%, 8/01/35	9,800	2,858,170
		186,139,643
Education 2.2%		
California Educational Facilities Authority, Refunding RB, San Francisco University, 6.13%, 10/01/36	6,280	7,515,967
California Municipal Finance Authority, RB, Emerson College, 5.75%, 1/01/33	2,500	2,805,175
University of California, RB, Series O, 5.38%, 5/15/34	460	520,149
		10,841,291
Health 18.7%		
ABAG Finance Authority for Nonprofit Corps, Refunding RB, Sharp Healthcare: 6.38%, 8/01/34	3,055	3,241,416
6.25%, 8/01/39	3,760	4,357,013
Series A, 6.00%, 8/01/30	2,275	2,723,084
California Health Facilities Financing Authority, RB: Adventist Health System West, Series A, 5.75%, 9/01/39	6,555	7,304,171
Catholic Healthcare West, Series J, 5.63%, 7/01/32	7,000	7,655,620
Children's Hospital, Series A, 5.25%, 11/01/41	5,000	5,452,900
Providence Health, 6.50%, 10/01/18 (c)	25	33,154
	9,550	10,024,157

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Sutter Health, Series A, 5.25%,

11/15/46

Sutter Health, Series B,

6.00%, 8/15/42

6,015

7,050,963

	Par (000)	Value
Municipal Bonds		
California (continued)		
Health (concluded)		
California Health Facilities Financing Authority, Refunding RB:		
Catholic Healthcare West, Series A, 6.00%, 7/01/29	\$ 1,000	\$ 1,168,990
Catholic Healthcare West, Series A, 6.00%, 7/01/34	4,400	5,097,928
Catholic Healthcare West, Series A, 6.00%, 7/01/39	2,750	3,173,033
Providence Health, 6.50%, 10/01/38	4,090	4,805,259
California Statewide Communities Development Authority, RB, Series A:		
Health Facility Memorial Health Services, 5.50%, 10/01/33 (c)	7,000	7,335,300
Kaiser Permanente, 5.50%, 11/01/32	11,090	11,275,757
Kaiser Permanente, 5.00%, 4/01/42	5,000	5,334,150
California Statewide Communities Development Authority, Refunding RB:		
Catholic Healthcare West, Series B, 5.50%, 7/01/30	2,980	3,265,365
Catholic Healthcare West, Series E, 5.50%, 7/01/31	4,255	4,662,459
		93,960,719
State 7.8%		
California State Public Works Board, RB:		
Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34	9,000	10,489,860
Various Capital Projects, Sub-Series I-1, 6.38%, 11/01/34	5,025	5,868,195
State of California, GO, Various Purpose:		
6.00%, 3/01/33	5,055	6,013,479
6.50%, 4/01/33	5,985	7,293,321
6.00%, 4/01/38	8,390	9,674,425
		39,339,280
Transportation 9.7%		
City of Los Angeles Department of Airports, RB, Series A:		
5.00%, 5/15/34	6,000	6,522,180
5.25%, 5/15/39	2,775	3,057,523
City of Los Angeles Department of Airports, Refunding RB, Los Angeles International Airport Sub-Series C,		
5.25%, 5/15/38	1,355	1,466,991
City of San Jose California, ARB, California Airport, Series A-1, AMT,		
5.75%, 3/01/34	2,265	2,511,206
City of San Jose California, RB, California Airport, Series A-1, AMT,		
6.25%, 3/01/34	2,650	3,034,753

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County of Orange California, RB, Series
B, 5.75%, 7/01/34

8,000

8,932,160

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APRIL 30, 2012

2

Schedule of Investments (continued)

BlackRock California Municipal Income Trust (BFZ)
(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
California (continued)		
Transportation (concluded)		
County of Sacramento California, RB, Airport System: PFC/Grant, Sub-Series D, 6.00%, 7/01/35	\$ 3,000	\$ 3,386,130
Senior Series B, 5.75%, 7/01/39	1,850	2,040,217
Los Angeles Harbor Department, RB, Series B, 5.25%, 8/01/34	5,530	6,220,199
San Francisco City & County Airports Commission, RB, Series E, 6.00%, 5/01/39	6,750	7,799,085
San Joaquin County Transportation Authority, RB, Limited Tax, Measure K, Series A, 6.00%, 3/01/36	2,880	3,454,531
		48,424,975
Utilities 18.2%		
Anaheim Public Financing Authority, RB: Anaheim Electric System Distribution, 5.25%, 10/01/39	1,500	1,661,010
Electric System Distribution Facilities, Series A, 5.38%, 10/01/36	7,690	8,792,592
California Infrastructure & Economic Development Bank, RB, California Independent System Operator, Series A, 6.25%, 2/01/39	5,500	6,065,180
Calleguas-Las Virgines Public Financing Authority California, RB, Calleguas Municipal Water District Project, Series A (NPFGC), 5.13%, 7/01/32	4,000	4,322,480
City of Chula Vista California, San Diego Gas & Electric, Refunding RB: Series D, 5.88%, 1/01/34	2,500	2,883,250
Series E, 5.88%, 1/01/34	6,500	7,496,450
City of Los Angeles California, Refunding RB, Sub-Series A, 5.00%, 6/01/32	4,000	4,497,160
City of Petaluma California, Refunding RB, 6.00%, 5/01/36	5,625	6,731,775
Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41	2,425	2,884,562
Los Angeles Department of Water & Power, RB: Power System, Sub-Series A-1, 5.25%, 7/01/38	9,000	10,242,360
Series A, 5.38%, 7/01/34	3,050	3,449,336
Los Angeles Department of Water & Power, Refunding RB:	2,200	2,284,436

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Power System, Sub-Series A-2, 5.00%, 7/01/30		
Series A, 5.25%, 7/01/39	4,000	4,538,560
Orange County Sanitation District, Refunding RB, Series A, 4.00%, 2/01/33	5,000	5,341,300

	Par (000)	Value
Municipal Bonds		
California (concluded)		
Utilities (concluded)		
San Diego County Water Authority, COP, Unrefunded, Series A (NPFGC), 5.00%, 5/01/32	\$ 1,850	\$ 1,870,961
San Diego Public Facilities Financing Authority, Refunding RB: Senior Series A, 5.25%, 5/15/34	9,520	10,754,363
Series A, 5.25%, 8/01/38	3,255	3,593,390
San Francisco City & County Public Utilities Commission, RB, Series A (NPFGC), 5.00%, 11/01/32	4,000	4,060,880
		91,470,045
Total Municipal Bonds in California		470,960,197

Multi-State 1.7%

Housing 1.7%

Centerline Equity Issuer Trust (d)(e):		
7.20%, 11/15/14	3,500	3,872,365
5.75%, 5/15/15	500	541,280
6.00%, 5/15/15	1,500	1,633,500
6.00%, 5/15/19	1,000	1,148,590
6.30%, 5/15/19		