

BLACKROCK CALIFORNIA MUNICIPAL INCOME TRUST

Form N-Q

December 23, 2009

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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: Anne F. Ackerley, Chief Executive Officer, BlackRock California Municipal Income Trust, 55 East 52<sup>nd</sup> Street, New York, NY 10055.

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

Date of fiscal year end: 07/31/2010

Date of reporting period: 10/31/2009

Item 1 Schedule of Investments

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**BlackRock California Municipal Income Trust (BFZ)**

Schedule of Investments October 31, 2009 (Unaudited)

(Percentages shown are based on Net Assets)

Municipal Bonds		Par (000)	Value
<b>California - 104.3%</b>			
<b>Corporate - 3.4%</b>			
	California Pollution Control Financing Authority, RB, Waste Management Inc. Project, Series C, AMT, 6.75%, 12/01/27	\$ 2,475	\$ 2,546,527
	City of Chula Vista California, RB, San Diego Gas, Series A, 5.88%, 2/15/34	680	733,441
	Los Angeles Regional Airports Improvement Corp., California, RB, Series C, AMT, 7.50%, 12/01/24	4,110	3,914,117
			7,194,085
<b>County/City/Special District/School District - 32.5%</b>			
	Butte-Glenn Community College District, GO, Election of 2002, Series C, 5.50%, 8/01/30	4,425	4,742,007
	California State Department of Water Resources, Refunding RB, Water System, Series AF, 5.00%, 12/01/29	2,500	2,636,150
	City & County of San Francisco, California, COP, Multiple Capital Improvement Projects, Series A, 5.00%, 4/01/29	2,000	2,001,400
	Elk Grove Unified School District, California, Special Tax, CAB, Community Facilities No. 1 (AMBAC), 5.60%, 12/01/29 (a)	7,485	2,265,186
	Elk Grove Unified School District, California, Special Tax, CAB, Community Facilities No. 1 (AMBAC), 5.60%, 12/01/30 (a)	7,485	2,112,566
	Elk Grove Unified School District, California, Special Tax, CAB, Community Facilities No. 1 (AMBAC), 5.60%, 12/01/31 (a)	7,485	1,972,597
	Live Oak Unified School District, GO, CAB, Election of 2004, Series B (Syncora), 5.59%, 8/01/18 (a)(b)	985	291,865
	Live Oak Unified School District, GO, CAB, Election of 2004, Series B (Syncora), 5.60%, 8/01/18 (a)(b)	1,030	288,328
	Live Oak Unified School District, GO, CAB, Election of 2004, Series B (Syncora), 5.61%, 8/01/18 (a)(b)	1,080	285,541
	Live Oak Unified School District, GO, CAB, Election of 2004, Series B (Syncora), 5.62%, 8/01/18 (a)(b)	1,125	280,890
	Live Oak Unified School District, GO, CAB, Election of 2004, Series B (Syncora), 5.63%, 8/01/18 (a)(b)	1,175	276,983
	Live Oak Unified School District, GO, CAB, Election of 2004, Series B (Syncora), 5.64%, 8/01/18 (a)(b)	1,230	273,700
	Live Oak Unified School District, GO, CAB, Election of 2004, Series B (Syncora), 5.65%, 8/01/18 (a)(b)	1,285	269,863
	Live Oak Unified School District, GO, CAB, Election of 2004, Series B (Syncora), 5.66%, 8/01/18 (a)(b)	1,340	265,548
	Live Oak Unified School District, GO, CAB, Election of 2004, Series B (Syncora), 5.67%, 8/01/18 (a)(b)	1,400	261,730
<b>Portfolio Abbreviations</b>			

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To simplify the listings of portfolio holdings in the Schedule of Investments, the names and descriptions of many of the securities have been abbreviated according to the following list.

<b>AGC</b>	Assured Guaranty Corp.
<b>AMBAC</b>	American Municipal Bond Assurance Corp.
<b>AMT</b>	Alternative Minimum Tax (subject to)
<b>CAB</b>	Capital Appreciation Bonds
<b>COP</b>	Certificates of Participation
<b>FGIC</b>	Financial Guaranty Insurance Co.
<b>FSA</b>	Financial Security Assurance Inc.
<b>GO</b>	General Obligation Bonds
<b>MBIA</b>	Municipal Bond Investors Assurance (National Public Finance Guaranty Corp.)
<b>RB</b>	Revenue Bonds
<b>TAN</b>	Tax Anticipation Notes

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Live Oak Unified School District, GO, CAB, Election of 2004, Series B (Syncora), 5.68%, 8/01/18 (a)(b)	\$ 1,465	\$ 258,338
Long Beach Unified School District, California, GO, Election of 2008, Series A, 5.75%, 8/01/33	2,135	2,338,337
Los Angeles County Metropolitan Transportation Authority, Refunding RB, Proposition C, 2nd Senior Series E, 5.00%, 7/01/27	2,775	2,902,595
Los Angeles Municipal Improvement Corp., RB, Real Property, Series B (AGC), 5.50%, 4/01/30	2,570	2,708,909
Modesto Irrigation District, COP, Series B, 5.50%, 7/01/35	3,300	3,476,385
Oak Grove School District, California, GO, Election of 2008, Series A, 5.50%, 8/01/33	4,000	4,250,960
Orange County Water District, COP, Refunding, 5.25%, 8/15/34	2,000	2,090,180
Peralta Community College District, California, GO, 2006 Election, Series C, 5.00%, 8/01/39	7,500	7,574,400
Pittsburg Redevelopment Agency, TAN, Refunding, Subordinate, Los Medanos Community Project, Series A, 6.50%, 9/01/28	2,500	2,700,100
San Diego Community College District, California, GO, Election of 2002, 5.25%, 8/01/33	1,000	1,049,740
San Diego Regional Building Authority, California, RB, County Operations Center & Annex, Series A, 5.38%, 2/01/36	2,900	2,988,189
San Jose Unified School District, Santa Clara County California, GO, Election of 2002, Series D, 5.00%, 8/01/32	2,875	2,961,078
Santa Ana Unified School District, GO, Election of 2008, Series A, 5.13%, 8/01/33	8,000	7,907,280
Santa Cruz County Redevelopment Agency, California, TAN, Live Oak, Soquel Community Improvement, Series A, 7.00%, 9/01/36	1,200	1,273,404
Torrance Unified School District, California, GO, Election of 2008, Measure Z, 6.00%, 8/01/33	2,500	2,797,400
Westminster Redevelopment Agency, California, TAN, Subordinate, Commercial Redevelopment Project No. 1 (AGC), 6.25%, 11/01/39	2,350	2,679,752
		68,181,401
<b>Education - 3.1%</b>		
California Infrastructure & Economic Development Bank, RB, J David Gladstone Institute Project, 5.25%, 10/01/34	6,000	5,627,640
University of California, RB, Series L, 5.00%, 5/15/38	795	807,959
		6,435,599
<b>Health - 13.9%</b>		
ABAG Finance Authority for Nonprofit Corp., RB, California Sharp Healthcare, 6.38%, 8/01/34	1,000	1,049,250
ABAG Finance Authority for Nonprofit Corp., RB, California Sharp Healthcare, 6.25%, 8/01/39	3,000	3,224,040
California Health Facilities Financing Authority, RB, Catholic Healthcare West, Series A, 6.00%, 7/01/34	3,000	3,152,400
California Health Facilities Financing Authority, RB, Catholic Healthcare West, Series E, 5.63%, 7/01/25 (c)	3,000	3,095,460

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California Infrastructure & Economic Development Bank, RB, Kaiser Hospital Assistance I, LLC, Series A, 5.55%, 8/01/31	13,500	13,566,690
California Statewide Communities Development Authority, RB, Catholic Healthcare West, Series B, 5.50%, 7/01/30	3,000	3,050,400

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	California Statewide Communities Development Authority, RB, Catholic Healthcare West, Series E, 5.50%, 7/01/31	\$ 2,000	\$ 2,019,760
			29,158,000
<b>Housing - 0.5%</b>	California Housing Finance Agency, RB, Series J, AMT, 5.75%, 8/01/47	1,005	974,659
<b>State - 9.7%</b>	California State Public Works Board, RB, Department Development Services, Porterville, Series C, 6.00%, 4/01/26	1,165	1,201,266
	California State Public Works Board, RB, Department Development Services, Porterville, Series C, 6.00%, 4/01/27	1,355	1,390,189
	California State Public Works Board, RB, Department Education, Riverside Campus Project, Series B, 6.00%, 4/01/27	1,675	1,718,500
	California State Public Works Board, RB, Department Education, Riverside Campus Project, Series B, 6.50%, 4/01/34	5,000	5,455,650
	State of California, GO, Various Purpose, 6.50%, 4/01/33	9,700	10,720,537
			20,486,142
<b>Transportation - 12.1%</b>	County of Orange California, RB, Series B, 5.75%, 7/01/34	3,000	3,227,640
	County of Sacramento California, RB, Senior, Series B, 5.75%, 7/01/39	1,350	1,445,418
	Foothill Eastern Transportation Corridor Agency, California, Refunding RB, 5.75%, 1/15/40	7,000	6,387,360
	Foothill Eastern Transportation Corridor Agency, California, Refunding RB, CAB, 5.88%, 7/15/26 (d)	5,000	4,950,550
	Foothill Eastern Transportation Corridor Agency, California, Refunding RB, CAB, 6.18%, 1/15/35 (a)	10,000	1,760,800
	Port of Oakland, RB, Series K, AMT (MBIA), 5.75%, 11/01/29	3,970	3,973,692
	Port of Oakland, RB, Series L, AMT (MBIA), 5.38%, 11/01/27	3,710	3,640,808
			25,386,268
<b>Utilities - 29.1%</b>	California Infrastructure & Economic Development Bank, RB, California Independent System Operator, Series A, 6.25%, 2/01/39	2,500	2,654,300
	Calleguas-Las Virgenes Public Financing Authority, California, RB, Calleguas Municipal Water District Project, Series A (MBIA), 5.13%, 7/01/32	5,475	5,631,804
	City of Chula Vista California, Refunding RB, San Diego Gas, Series E, 5.88%, 1/01/34	4,375	4,718,831
	City of Richmond California, RB, CAB (FGIC), 5.77%, 8/01/31 (a)(e)	1,905	687,591
	Los Angeles Department of Water & Power, RB, Power System, Sub-Series A-1, 5.25%, 7/01/38	3,500	3,681,370
	Los Angeles Department of Water & Power, RB, Power System, Sub-Series A-1 (AMBAC), 5.00%, 7/01/37	10,000	10,171,300

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Los Angeles Department of Water & Power, RB, System, Series A, 5.38%, 7/01/34	1,400	1,480,332
Los Angeles Department of Water & Power, RB, System, Series A, 5.38%, 7/01/38	1,800	1,903,284
Metropolitan Water District of Southern California, Refunding RB, Series C, 5.00%, 7/01/35	3,500	3,641,330
Orange County Sanitation District, COP, Series B (FSA), 5.00%, 2/01/37	10,000	10,188,000

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		Par (000)	Value
<b>Municipal Bonds</b>			
	San Diego County Water Authority, COP, Series 2008 A, COP (FSA), 5.00%, 5/01/33	\$ 10,040	\$ 10,060,682
	San Diego Public Facilities Financing Authority, RB, Senior, Series A, 5.25%, 5/15/34	4,000	4,065,960
	San Diego Public Facilities Financing Authority, RB, Senior, Series A, 5.25%, 5/15/39	2,250	2,286,405
			<u>61,171,189</u>
	<b>Total Municipal Bonds in California</b>		218,987,343
<b>Multi-State - 6.1%</b>			
<b>Housing - 6.1%</b>			
	Charter Mac Equity Issuer Trust, 6.80%, 11/30/50 (f)(g)	4,000	4,124,120
	MuniMae TE Bond Subsidiary LLC, 6.30%, 6/30/49 (f)(g)	7,000	6,492,360
	MuniMae TE Bond Subsidiary LLC, 6.80%, 6/30/50 (f)(g)	3,000	2,099,940
	<b>Total Municipal Bonds in Multi-State</b>		<u>12,716,420</u>
	<b>Total Municipal Bonds - 110.4%</b>		<u>231,703,763</u>
<b>Municipal Bonds Transferred to Tender Option Bond Trusts (h)</b>			
<b>California - 45.1%</b>			
<b>Corporate - 14.6%</b>			
	Mount San Antonio Community College District, California, GO, Election 2001, Series C (FSA), 5.00%, 9/01/31	10,770	11,051,312
	San Diego Community College District, California, GO, Election of 2006 (FSA), 5.00%, 8/01/32	9,000	9,225,990
	Santa Clara County Financing Authority, Refunding RB, Lease, Series L, 5.25%, 5/15/36	10,000	10,462,029
			<u>30,739,331</u>
<b>County/City/Special District/School District - 15.1%</b>			
	Los Angeles Community College District, California, GO, 2008 Election, Series A, 6.00%, 8/01/33	9,596	10,842,974
	Los Angeles Unified School District, California, GO, Series I, 5.00%, 1/01/34	5,000	5,057,000
	San Diego Community College District, California, GO, Election of 2002, 5.25%, 8/01/33	4,487	4,710,605
	San Diego Community College District, California, GO, Election of 2002 (FSA), 5.00%, 5/01/25	10,615	11,059,664



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			31,670,243
<b>Education - 11.4%</b>	California Educational Facilities Authority, RB, Stanford University, Series Q, 5.25%, 12/01/32	10,000	10,374,787
	California Educational Facilities Authority, RB, University of Southern California, Series A, 5.25%, 10/01/39	6,900	7,271,289
	University of California, RB, Series O, 5.75%, 5/15/34	5,595	6,187,454
			23,833,530
<b>Utilities - 4.0%</b>	Eastern Municipal Water District, California, Water and Sewer, COP, Series H, 5.00%, 7/01/33	8,356	8,467,300
	<b>Total Municipal Bonds Transferred to Tender Option Bond Trusts - 45.1%</b>		94,710,404
	<b>Total Long-Term Investments (Cost - \$321,126,164) - 155.5%</b>		326,414,167

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