

BLACKROCK CALIFORNIA MUNICIPAL INCOME TRUST

Form N-Q

June 25, 2014

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: 07/31/2014

Date of reporting period: 04/30/2014

Item 1 – Schedule of Investments

Schedule of Investments April 30, 2014 (Unaudited) **BlackRock California Municipal Income Trust (BFZ)**
(Percentages shown are based on Net Assets)

| Municipal Bonds | Par (000) | Value |
|------------------------------------------------------------------------------------------------------------|--------------|------------|
| California — 102.4% | | |
| Corporate — 0.7% | | |
| City of Chula Vista California, Refunding RB, San Diego Gas & Electric: | | |
| Series A, 5.88%, 2/15/34 | \$680 | \$780,008 |
| Series D, 5.88%, 1/01/34 | 2,500 | 2,867,675 |
| | | 3,647,683 |
| County/City/Special District/School District — 32.2% | | |
| Butte-Glenn Community College District, GO, Election of 2002, Series C, 5.50%, 8/01/30 | 8,425 | 9,497,924 |
| Centinela Valley Union High School District, GO, Refunding, Election of 2008, Series B, 5.75%, 8/01/33 | 1,250 | 1,464,125 |
| Cerritos Community College District, GO, Election of 2004, Series C, 5.25%, 8/01/31 | 3,000 | 3,428,400 |
| City of San Jose California Hotel Tax, RB, Convention Center Expansion & Renovation Project: | | |
| 6.13%, 5/01/31 | 500 | 579,880 |
| 6.50%, 5/01/36 | 1,210 | 1,417,334 |
| 6.50%, 5/01/42 | 2,225 | 2,600,268 |
| County of Kern California, COP, Capital Improvements Projects, Series A (AGC), 6.00%, 8/01/35 | 2,000 | 2,317,660 |
| County of Orange California Water District, COP, Refunding, 5.25%, 8/15/34 | 2,000 | 2,287,120 |
| County of San Joaquin California Transportation Authority, Refunding RB, Limited Tax, Measure K, Series A: | | |
| 6.00%, 3/01/36 | 2,880 | 3,481,027 |
| 5.50%, 3/01/41 | 5,265 | 5,866,158 |
| County of Santa Clara California Financing Authority, Refunding LRB, Series L, 5.25%, 5/15/36 | 20,000 | 22,202,200 |
| Evergreen Elementary School District, GO, Election of 2006, Series B (AGC), 5.13%, 8/01/33 | 2,500 | 2,835,025 |
| Grossmont Healthcare District, GO, Election of 2006, Series B: | | |
| 6.00%, 7/15/34 | 3,260 | 3,813,548 |
| 6.13%, 7/15/40 | 2,000 | 2,328,000 |
| Kern Community College District, GO, Safety Repair & Improvements, Series C, 5.25%, 11/01/32 | 125 | 143,316 |
| Municipal Bonds | | Value |

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| | Par (000) | |
|---------------------------------------------------------------------------------------------------------------------------|--------------|-------------|
| California (continued) | | |
| County/City/Special District/School District (continued) | | |
| Long Beach Unified School District California, GO, Refunding, Election of 2008, Series A, 5.75%, 8/01/33 | \$4,135 | \$4,840,431 |
| Los Alamitos Unified School District California, GO, School Facilities Improvement District No. 1, 5.50%, 8/01/33 | 6,300 | 7,211,862 |
| Los Angeles Municipal Improvement Corp., Refunding RB, Real Property, Series B (AGC), 5.50%, 4/01/30 | 5,065 | 5,800,185 |
| Modesto Irrigation District, COP, Capital Improvements, Series A: 5.75%, 10/01/29 | 3,000 | 3,354,270 |
| 5.75%, 10/01/34 | 180 | 198,837 |
| Oak Grove School District California, GO, Election of 2008, Series A, 5.50%, 8/01/33 | 6,000 | 6,920,880 |
| Pico Rivera Public Financing Authority, RB, 5.75%, 9/01/39 | 2,000 | 2,195,760 |
| Pittsburg Unified School District, GO, Election of 2006, Series B (AGM), 5.50%, 8/01/34 | 2,000 | 2,265,420 |
| Sacramento Area Flood Control Agency, Special Assessment Bonds, Consolidated Capital Assessment District, 5.25%, 10/01/32 | 4,865 | 5,590,080 |
| San Diego Community College District California, GO, Election of 2002, 5.25%, 8/01/33 | 1,500 | 1,723,800 |
| San Diego Regional Building Authority, RB, County Operations Center & Annex, Series A, 5.38%, 2/01/36 | 5,500 | 6,259,935 |
| San Jose California Financing Authority, Refunding LRB, Series A: Civic Center Project, 5.00%, 6/01/32 | 3,375 | 3,741,052 |
| Convention Center Expansion & Renovation Project, 5.00%, 6/01/39 | 5,000 | 5,421,200 |
| San Leandro California Unified School District, GO, Election of 2010, Series A, 5.75%, 8/01/41 | 3,060 | 3,426,741 |
| Santa Ana Unified School District, GO, Election of 2008, Series A: 5.50%, 8/01/30 | 6,455 | 7,390,717 |
| 5.13%, 8/01/33 | 10,000 | 11,231,900 |
| BLACKROCK CALIFORNIA MUNICIPAL INCOME TRUST APRIL 30, 2014 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) | | |
| Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC), 5.75%, 9/01/38 | \$2,250 | \$2,602,935 |
| Torrance Unified School District California, GO, Election of 2008, Measure Z, 6.00%, 8/01/33 | 4,000 | 4,731,640 |
| Tustin Unified School District, GO, Election of 2008, Series B, 5.25%, 8/01/31 | 3,445 | 3,877,347 |
| West Contra Costa California Unified School District, GO, Series A: Election of 2010 (AGM), 5.25%, 8/01/32 | 4,925 | 5,469,262 |
| Election of 2012, 5.50%, 8/01/39 | 2,500 | 2,797,725 |
| | | 161,313,964 |
| Education — 2.2% | | |
| California Educational Facilities Authority, Refunding RB, San Francisco University, 6.13%, 10/01/36 | 6,280 | 7,398,782 |
| California Municipal Finance Authority, RB, Emerson College, 5.75%, 1/01/33 | 2,500 | 2,818,000 |
| University of California, RB, Series O, 5.38%, 5/15/34 | 490 | 560,820 |
| | | 10,777,602 |
| Health — 18.1% | | |
| ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare: | | |
| 6.38%, 8/01/14 (a) | 3,095 | 3,143,468 |
| 6.25%, 8/01/39 | 4,960 | 5,652,366 |
| Series A, 6.00%, 8/01/30 | 2,300 | 2,765,750 |
| California Health Facilities Financing Authority, RB: | | |
| Adventist Health System West, Series A, 5.75%, 9/01/39 | 6,700 | 7,648,318 |
| Catholic Healthcare West, Series J, 5.63%, 7/01/32 | 9,750 | 9,998,430 |
| Children's Hospital, Series A, 5.25%, 11/01/41 | 9,165 | 9,790,970 |
| St. Joseph Health System, Series A, 5.75%, 7/01/39 | 325 | 374,127 |
| Sutter Health, Series A, 5.25%, 11/15/46 | 5,195 | 5,383,682 |
| Sutter Health, Series B, 6.00%, 8/15/42 | 6,015 | 7,125,249 |
| | | |
| Municipal Bonds | Par (000) | Value |
| California (continued) | | |
| Health (concluded) | | |
| California Health Facilities Financing Authority, Refunding RB: | | |
| Catholic Healthcare West, Series A, 6.00%, 7/01/29 | \$1,000 | \$1,147,780 |
| Catholic Healthcare West, Series A, 6.00%, 7/01/34 | 4,470 | 5,043,590 |
| Catholic Healthcare West, Series A, 6.00%, 7/01/39 | 5,550 | 6,164,607 |

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| | | |
|-----------------------------------------------------------------------------|--------|------------|
| Providence Health, 6.50%, 10/01/38 | 4,100 | 4,823,855 |
| California Statewide Communities Development Authority, RB: | | |
| John Muir Health, Series A, 5.13%, 7/01/39 | 1,500 | 1,599,660 |
| Kaiser Permanente, Series A, 5.00%, 4/01/42 | 3,000 | 3,189,270 |
| Kaiser Permanente, Series B, 5.25%, 3/01/45 | 2,000 | 2,044,440 |
| California Statewide Communities Development Authority, Refunding RB: | | |
| Catholic Healthcare West, Series B, 5.50%, 7/01/30 | 2,940 | 3,224,945 |
| Catholic Healthcare West, Series E, 5.50%, 7/01/31 | 5,065 | 5,549,366 |
| Trinity Health Credit Group Composite Issue, 5.00%, 12/01/41 | 4,000 | 4,227,200 |
| Washington Township Health Care District, GO, Series B, 5.50%, 8/01/38 | 1,625 | 1,875,591 |
| | | 90,772,664 |
| Internet Software & Services — 0.1% | | |
| City of Chula Vista, Series B, RB, 5.88%, 2/15/34 | 525 | 602,212 |
| State — 13.0% | | |
| California State Public Works Board, LRB: | | |
| Department of Corrections & Rehabilitation, Series A, 5.00%, 9/01/39 | 13,170 | 14,136,810 |
| Department of Corrections & Rehabilitation, Series F, 5.25%, 9/01/33 | 3,335 | 3,731,398 |
| Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34 | 9,000 | 10,666,890 |
| Various Capital Projects, Series I, 5.50%, 11/01/33 | 4,940 | 5,728,523 |

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Schedule of Investments (continued) **BlackRock California Municipal Income Trust (BFZ)**
(Percentages shown are based on Net Assets)

| Municipal Bonds | Par (000) | Value |
|-----------------------------------------------------------------------------------------------------------------------|--------------|-------------|
| California (continued) | | |
| State (concluded) | | |
| California State Public Works Board, LRB (concluded): | | |
| Various Capital Projects, Sub-Series I-1, 6.38%, 11/01/34 | \$5,025 | \$6,025,427 |
| California State Public Works Board, LRB, Series B, 5.00%, 10/01/39 | 3,965 | 4,258,053 |
| State of California, GO, Various Purposes: | | |
| 6.00%, 3/01/33 | 2,000 | 2,397,080 |
| 6.50%, 4/01/33 | 2,500 | 3,046,825 |
| 6.00%, 4/01/38 | 12,670 | 14,896,499 |
| | | 64,887,505 |
| Transportation — 10.7% | | |
| City & County of San Francisco California Airports Commission, ARB, Series E, 6.00%, 5/01/39 | 6,750 | 7,963,650 |
| City & County of San Francisco California Airports Commission, Refunding ARB, 2nd Series A, AMT, 5.25%, 5/01/33 | 1,440 | 1,592,165 |
| City of Los Angeles California Department of Airports, Refunding ARB, Los Angeles International Airport: | | |
| Series A, 5.00%, 5/15/34 | 6,650 | 7,365,872 |
| Series A, Senior, 5.00%, 5/15/40 | 3,750 | 4,041,863 |
| Sub-Series C, 5.25%, 5/15/38 | 1,950 | 2,154,321 |
| City of San Jose California, Refunding ARB, Series A-1, AMT: | | |
| 5.75%, 3/01/34 | 2,870 | 3,191,497 |
| 6.25%, 3/01/34 | 2,650 | 3,032,607 |
| County of Orange California, ARB, Series B, 5.75%, 7/01/34 | 8,000 | 9,069,760 |
| County of Sacramento California, ARB: | | |
| PFC/Grant, Sub-Series D, 6.00%, 7/01/35 | 3,000 | 3,445,950 |
| Senior Series B, 5.75%, 7/01/39 | 1,850 | 2,109,870 |
| Senior Series B, AMT (AGM), 5.25%, 7/01/33 | 3,015 | 3,186,704 |
| Los Angeles Harbor Department, RB, Series B, 5.25%, 8/01/34 | 5,580 | 6,367,896 |
| | | 53,522,155 |
| Municipal Bonds | | Value |

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Par
(000)

California (continued)

Utilities — 25.4%

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|
| Anaheim Public Financing Authority, RB, Electric System Distribution Facilities, Series A, 5.38%, 10/01/36 | \$7,690 | \$8,859,418 |
| California Infrastructure & Economic Development Bank, RB, California Independent System Operator, Series A, 6.25%, 2/01/15 (a) | 4,500 | 4,705,740 |
| Calleguas-Las Virgenes Public Financing Authority California, RB, Calleguas Municipal Water District Project, Series A (NPFGC), 5.13%, 7/01/32 | 4,000 | 4,302,520 |
| City of Chula Vista California, Refunding RB, San Diego Gas & Electric, Series D, 5.88%, 1/01/34 | 6,555 | 7,519,044 |
| City of Los Angeles California Wastewater System, Refunding RB, Series A, 5.00%, 6/01/39 | 2,000 | 2,174,720 |
| City of Napa California Water Revenue, RB (AMBAC), 5.00%, 5/01/35 | 3,000 | 3,123,720 |
| City of Petaluma California Wastewater, Refunding RB, 6.00%, 5/01/36 | 5,625 | 6,533,381 |
| City of San Francisco California Public Utilities Commission Water Revenue, RB, Series A: | | |
| 5.00%, 11/01/35 | 10,625 | 11,421,981 |
| 5.00%, 11/01/37 | 12,695 | 14,081,421 |
| Cucamonga Valley Water District, Refunding RB, Series A (AGM), 5.25%, 9/01/31 | 4,270 | 4,944,233 |
| Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41 | 2,425 | 2,931,946 |
| East Bay California Municipal Utility District Water System Revenue, Refunding RB, Series A, 5.00%, 6/01/36 | 6,615 | 7,422,758 |
| East Bay California Municipal Utility District Water System Revenue, RB, Series A (NPFGC), 5.00%, 6/01/35 | 3,000 | 3,122,190 |
| El Dorado Irrigation District / El Dorado County Water Agency, Refunding RB, Series A, 5.25%, 3/01/39 | 10,000 | 11,189,000 |

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Schedule of Investments (continued) **BlackRock California Municipal Income Trust (BFZ)**
(Percentages shown are based on Net Assets)

| Municipal Bonds | Par (000) | Value |
|------------------------------------------------------------------------------------------------------------|--------------|--------------------|
| California (concluded) | | |
| Utilities (concluded) | | |
| Los Angeles Department of Water & Power, RB: | | |
| Power System, Sub-Series A-1, 5.25%, 7/01/38 | \$9,000 | \$10,112,670 |
| Series A, 5.38%, 7/01/34 | 3,250 | 3,685,338 |
| Los Angeles Department of Water & Power, Refunding RB, Series A, 5.25%, 7/01/39 | 4,000 | 4,398,000 |
| Metropolitan Water District of Southern California, RB, Series A, 5.00%, 7/01/37 | 4,000 | 4,370,760 |
| San Diego Public Facilities Financing Authority Sewer, Refunding RB, Senior Series A, 5.25%, 5/15/34 | 11,020 | 12,547,592 |
| | | 127,446,432 |
| Total Municipal Bonds in California | | 512,970,217 |
| Multi-State — 1.6% | | |
| Housing — 1.6% | | |
| Centerline Equity Issuer Trust (b)(c): | | |
| Series A-4-1, 5.75%, 5/15/15 | 500 | 522,420 |
| Series A-4-2, 6.00%, 5/15/19 | 1,000 | 1,150,240 |
| Series B-2, 7.20%, 11/15/14 | 3,500 | 3,604,090 |
| Series B-3-1, 6.00%, 5/15/15 | 1,500 | 1,567,545 |
| Series B-3-2, 6.30%, 5/15/19 | 1,000 | 1,162,680 |
| Total Municipal Bonds in Multi-State | | 8,006,975 |
| Total Municipal Bonds — 104.0% | | 520,977,192 |
| Municipal Bonds Transferred to | | |
| Tender Option Bond (TOB) Trusts (d) | | |
| California — 51.7% | | |
| County/City/Special District/School District — 17.8% | | |
| Los Angeles Community College District California, GO: | | |
| Election of 2001, Series A (AGM), 5.00%, 8/01/32 | 8,000 | 8,867,120 |
| Election of 2003, Series F-1, 5.00%, 8/01/33 | 5,000 | 5,590,650 |
| Election of 2008, Series C, 5.25%, 8/01/39 (e) | 12,900 | 14,668,074 |

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| | | |
|--------------------------------------------------------------------------------------------------------------------|--------|------------|
| Los Angeles Community College District California, GO, Refunding, Election of 2008, Series A, 6.00%, 8/01/33 | 20,131 | 23,912,242 |
|--------------------------------------------------------------------------------------------------------------------|--------|------------|

Municipal Bonds Transferred to

| | Par (000) | Value |
|-------------------------------------|--------------|-------|
| Tender Option Bond (TOB) Trusts (d) | | |

California (continued)

County/City/Special District/School District (concluded)

| | | |
|----------------------------------------------------------------------------------------------------------------------|---------|-------------|
| Los Angeles Unified School District California, GO, Series I, 5.00%, 1/01/34 | \$5,000 | \$5,567,300 |
| San Bernardino Community College District California, GO, Election of 2002, Series C (AGM), 5.00%, 8/01/31 | 2,000 | 2,152,700 |
| San Diego Community College District California, GO, Election of 2002, 5.25%, 8/01/33 | 10,484 | 12,048,728 |
| San Jose Unified School District Santa Clara County California, GO, Election of 2002, Series D, 5.00%, 8/01/32 | 14,625 | 16,352,580 |
| | | 89,159,394 |

Education — 10.4%

| | | |
|-------------------------------------------------------------------------------------------------------------------------|--------|------------|
| California Educational Facilities Authority, RB, University of Southern California, Series B, 5.25%, 10/01/39 (e) | 10,395 | 11,785,227 |
| County of San Mateo California Community College District, GO, Election of 2005, Series B, 5.00%, 9/01/31 | 8,630 | 9,437,596 |
| Grossmont Union High School District, GO, Election of 2004, 5.00%, 8/01/33 | 13,095 | 13,917,479 |
| University of California, RB: Limited Project, Series D (AGM), 5.00%, 5/15/41 | 2,600 | 2,829,268 |
| Series O, 5.75%, 5/15/34 | 12,300 | 14,334,584 |
| | | 52,304,154 |

Utilities — 23.5%

| | | |
|------------------------------------------------------------------------------------------------------------------------|--------|------------|
| California State Department of Water Resources, Refunding RB, Central Valley Project, Series AE, 5.00%, 12/01/29 | 7,000 | 7,952,910 |
| County of Orange California Sanitation District, COP, Series B (AGM), 5.00%, 2/01/37 | 14,700 | 16,074,303 |
| County of Orange California Water District, COP, Refunding, 5.00%, 8/15/39 | 10,480 | 11,586,479 |
| County of San Diego California Water Authority, COP, Refunding, Series A (AGM), 5.00%, 5/01/33 | 14,290 | 15,890,909 |
| Eastern Municipal Water District, COP, Series H, 5.00%, 7/01/33 | 18,002 | 20,103,392 |

Schedule of Investments (continued) **BlackRock California Municipal Income Trust (BFZ)**
(Percentages shown are based on Net Assets)

| Municipal Bonds Transferred to | Par (000) | Value |
|------------------------------------------------------------------------------------------------------------|--------------|----------------|
| Tender Option Bond (TOB) Trusts (d) | | |
| California (concluded) | | |
| Utilities (concluded) | | |
| Los Angeles Department of Water & Power, RB, Power System: | | |
| Sub-Series A-1 (AMBAC), 5.00%, 7/01/37 | \$ 15,998 | \$ 17,692,904 |
| Sub-Series A-2 (AGM), 5.00%, 7/01/35 | 2,000 | 2,165,620 |
| Metropolitan Water District of Southern California, RB, Series A, 5.00%, 7/01/37 | 11,180 | 12,216,274 |
| San Diego Public Facilities Financing Authority Sewer, Refunding RB, Senior Series A, 5.25%, 5/15/39 | 12,457 | 13,993,963 |
| | | 117,676,754 |
| Total Municipal Bonds Transferred to | | 259,140,302 |
| Tender Option Bond (TOB) Trusts — 51.7% | | |
| Total Long-Term Investments (Cost — \$710,039,323) — 155.7% | | 780,117,494 |
| Short-Term Securities | Shares | Value |
| BIF California Municipal Money Fund, 0.00% (f)(g) | 203,836 | \$ 203,836 |
| Total Short-Term Securities (Cost — \$203,836) — 0.1% | | 203,836 |
| Total Investments (Cost — \$710,243,159*) — 155.8% | | 780,321,330 |
| Other Assets Less Liabilities — 2.6% | | 13,081,221 |
| Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable — (24.2%) | | (121,159,454) |
| VMTP Shares, at Liquidation Value — (34.2%) | | (171,300,000) |
| Net Assets Applicable to Common Shares — 100.0% | | \$ 500,943,097 |

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As of April 30, 2014, gross unrealized appreciation and depreciation based on cost for federal income tax purposes *were as follows:

| | |
|-------------------------------|---------------|
| Tax cost | \$589,760,354 |
| Gross unrealized appreciation | \$70,131,621 |
| Gross unrealized depreciation | (708,199) |
| Net unrealized appreciation | \$69,423,422 |

Notes to Schedule of Investments

- (a) U.S. government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par. Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933, as amended.
- (b) These securities may be resold in transactions exempt from registration to qualified institutional investors.

- Represents a beneficial interest in a trust. The collateral deposited into the trust is federally tax-exempt revenue bonds issued by various state or local governments, or their respective agencies or authorities. The security is subject to remarketing prior to its stated maturity.
- (c) Represent bonds transferred to a TOB. In exchange for which the Trust
- (d) acquired residual interest certificates. These bonds serve as collateral in a financing transaction.
- (e) All or a portion of security is subject to a recourse agreement, which may require the Trust to pay the liquidity provider in

the event there is a shortfall between the TOB trust certificates and proceeds received from the sale of the security contributed to the TOB trust. In the case of a shortfall, the aggregate maximum potential amount the Trust could ultimately be required to pay under the agreements, which expire from October 1, 2016 to August 1, 2018 is \$14,008,480. Investments in issuers considered to be an affiliate of the Trust during the period ended April 30, 2014, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

(f)

| Affiliate | Shares Held at July 31, 2013 | Net Activity | Shares Held at April 30, 2014 | Income |
|-------------------------------------------------|---------------------------------------|-----------------|-------------------------------------|--------|
| BIF California Municipal Money Fund | 1,269,184 | (1,065,348) | 203,836 | — |

(g) Represents the current yield as of report date.

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Schedule of Investments (continued) **BlackRock California Municipal Income Trust (BFZ)**

Portfolio Abbreviations

| | |
|-------|-----------------------------------------------------|
| AGC | Assured Guarantee Corp. |
| AGM | Assured Guaranty Municipal Corp. |
| AMBAC | American Municipal Bond Assurance Corp. |
| AMT | Alternative Minimum Tax (subject to) |
| ARB | Airport Revenue Bonds |
| COP | Certificates of Participation |
| GO | General Obligation Bonds |
| LRB | Lease Revenue Bonds |
| NPFGC | National Public Finance Guarantee Corp. |
| RB | Revenue Bonds |

•Financial futures contracts outstanding as of April 30, 2014 were as follows:

| Contracts Sold Issue | Exchange | Expiration | Notional Value | Unrealized Appreciation |
|----------------------|----------|------------|-------------------|----------------------------|
|----------------------|----------|------------|-------------------|----------------------------|

(450) 10-Year U.S. Treasury Note Chicago Board of Trade June 2014 \$55,989,844 \$71,530

For Trust compliance purposes, the Trust's sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Fair Value Measurements - Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial reporting purposes as follows:

- Level 1 — unadjusted price quotations in active markets/exchanges for identical assets or liabilities that the Trust has the ability to access

- Level 2 — other observable inputs (including, but not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

- Level 3 — unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Trust's own assumptions used in determining the fair value of investments and derivative financial instruments)

The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the fair value hierarchy classification is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Trust's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. For information about the Trust's policy regarding valuation of investments and derivative financial instruments, please refer to the Trust's most recent financial statements as contained in its semi-annual report.

Schedule of Investments (concluded) **BlackRock California Municipal Income Trust (BFZ)**

The following tables summarize the Trust's investments and derivative financial instruments categorized in the disclosure hierarchy as of April 30, 2014:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|------------|----------------|---------|---------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | — | \$ 780,117,494 | — | \$780,117,494 |
| Short-Term Securities | \$ 203,836 | — | — | 203,836 |
| Total | \$ 203,836 | \$ 780,117,494 | — | \$780,321,330 |

¹See above Schedule of Investments for values in each sector.

| | Level 1 | Level 2 | Level 3 | Total |
|-----------------------------------------------|-----------|---------|---------|----------|
| Derivative Financial Instruments ² | | | | |
| Assets: | | | | |
| Interest rate contracts | \$ 71,530 | — | — | \$71,530 |

Derivative financial instruments are financial futures contracts, which ²are valued at the unrealized appreciation/depreciation on the instrument.

The carrying amount for certain of the Trust's assets and/or liabilities approximates fair value for financial reporting purposes. As of April 30, 2014, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|----------------------------------------------|------------|------------------|------------|-----------------|
| Assets: | | | | |
| Cash pledged for financial futures contracts | \$ 594,000 | — | — | \$594,000 |
| Liabilities: | | | | |
| TOB trust certificates | — | \$ (121,137,554) | — | (121,137,554) |
| VMTP Shares | — | (171,300,000) | — | (171,300,000) |
| Total | \$ 594,000 | \$ (292,437,554) | — | \$(291,843,554) |

There were no transfers between levels during the period ended April 30, 2014.

BLACKROCK CALIFORNIA MUNICIPAL INCOME TRUST APRIL 30, 2014 7

Item 2 – Controls and Procedures

The registrant’s principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant’s disclosure controls and procedures (as defined in Rule 30a-3(c) under the

2(a) – Investment Company Act of 1940, as amended (the 1940 Act) are effective as of a date within 90 days of the filing of this report based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) under the Securities Exchange Act of 1934, as amended.

2(b) – There were no changes in the registrant’s internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act) that occurred during the registrant’s last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant’s internal control over financial reporting.

Item 3 – Exhibits

Certifications – Attached hereto

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BlackRock California Municipal Income Trust

By: /s/ John M. Perlowski

John M. Perlowski

Chief Executive Officer (principal executive officer) of
BlackRock California Municipal Income Trust

Date: June 23, 2014

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ John M. Perlowski

John M. Perlowski

Chief Executive Officer (principal executive officer) of
BlackRock California Municipal Income Trust

Date: June 23, 2014

By: /s/ Neal J. Andrews

Neal J. Andrews

Chief Financial Officer (principal financial officer) of

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BlackRock California Municipal Income Trust

Date: June 23, 2014