

BLACKROCK CALIFORNIA MUNICIPAL INCOME TRUST

Form N-Q

December 23, 2008

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: Donald C. Burke, Chief Executive Officer, BlackRock California Municipal Income Trust, 800 Scudders Mill Road, Plainsboro, NJ, 08536. Mailing address: P.O. Box 9011, Princeton, NJ, 08543-9011

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

Date of fiscal year end: 07/31/2009

Date of reporting period: 08/01/2008 10/31/2008

BlackRock California Municipal Income Trust
Schedule of Investments October 31, 2008 (Unaudited) (Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|----------------------|--------------|
| California - 124.9% | | |
| Municipal Bonds | | |
| Bay Area Toll Authority, California, Toll Bridge Revenue Refunding Bonds | | |
| (San Francisco Bay Area), Series F1, 5%, 4/01/34 | \$ 2,500 | \$ 2,265,825 |
| California County Tobacco Securitization Agency, Tobacco Revenue Bonds (Stanislaus County Tobacco Funding Corporation), Series A, 5.875%, 6/01/43 | 5,000 | 3,581,800 |
| California Educational Facilities Authority Revenue Bonds (Stanford University), Series Q, 5.25%, 12/01/32 | 2,000 | 1,986,380 |
| California HFA, Home Mortgage Revenue Bonds, VRDN, AMT, Series P, 8.50%, 2/01/27 (a)(b)(c) | 15,000 | 15,000,000 |
| California Health Facilities Financing Authority Revenue Bonds (Sutter Health), Series A, 5.25%, 11/15/46 | 5,000 | 4,100,650 |
| California Infrastructure and Economic Development Bank Revenue Bonds (J. David Gladstone Institute Project), 5.25%, 10/01/34 | 15,250 | 13,251,640 |
| California Infrastructure and Economic Development Bank Revenue Bonds (Kaiser Hospital Assistance I-LLC), Series A, 5.55%, 8/01/31 | 13,500 | 11,721,240 |
| California Pollution Control Financing Authority, Solid Waste Disposal Revenue Bonds (Waste Management, Inc. Project), AMT, Series C, 5.125%, 11/01/23 | 2,290 | 1,634,717 |
| California State University, Systemwide Revenue Bonds, Series A, 5%, 11/01/39 (d) | 2,400 | 2,117,400 |
| California State, Various Purpose, GO, 5.50%, 11/01/33 | 10,000 | 9,632,100 |
| California Statewide Communities Development Authority Revenue Bonds (Catholic Healthcare West), Series B, 5.50%, 7/01/30 | 3,000 | 2,685,570 |
| California Statewide Communities Development Authority Revenue Bonds (Catholic Healthcare West), Series E, 5.50%, 7/01/31 | 2,000 | 1,772,940 |
| California Statewide Communities Development Authority Revenue Bonds (Daughters of Charity National Health System), Series A, 5.25%, 7/01/30 | 4,000 | 2,888,720 |
| California Statewide Communities Development Authority Revenue Bonds (Sutter Health), Series B, 5.625%, 8/15/42 | 10,000 | 8,894,500 |
| Calleguas-Las Virgenes, California, Public Financing Authority Revenue Bonds (Calleguas Municipal Water District Project), Series A, 5.125%, 7/01/32 (c)(e) | 5,475 | 4,962,869 |

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| | | |
|--|-------|-----------|
| Chino Basin, California, Desalter Authority, Revenue Refunding Bonds, Series A, 5%, 6/01/35 (f) | 5,275 | 4,739,166 |
| Chula Vista, California, IDR (San Diego Gas and Electric Company), AMT, Series B, 5%, 12/01/27 | 5,065 | 3,975,569 |
| Chula Vista, California, IDR (San Diego Gas and Electric Company), AMT, Series D, 5%, 12/01/27 | 4,395 | 3,449,679 |
| Eastern Municipal Water District, California, Water and Sewer, COP, Series H, 5%, 7/01/33 | 5,355 | 4,726,055 |

Portfolio Abbreviations

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 list below.

| | | | |
|------------|--------------------------------------|-------------|--------------------------------------|
| AMT | Alternative Minimum Tax (subject to) | IDR | Industrial Development Revenue Bonds |
| COP | Certificates of Participation | M/F | Multi-Family |
| GO | General Obligation Bonds | VRDN | Variable Rate Demand Notes |
| HFA | Housing Finance Agency | | |

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| Municipal Bonds | Par (000) | Value |
|--|----------------------|--------------|
| Elk Grove, California, Unified School District, Special Tax Bonds (Community Facilities District Number 1), 5.60%, 12/01/29 (g)(h) | \$ 7,485 | \$1,754,709 |
| Elk Grove, California, Unified School District, Special Tax Bonds (Community Facilities District Number 1), 5.599%, 12/01/30 (g)(h) | 7,485 | 1,631,056 |
| Elk Grove, California, Unified School District, Special Tax Bonds (Community Facilities District Number 1), 5.601%, 12/01/31 (g)(h) | 7,485 | 1,512,195 |
| Foothill/Eastern Corridor Agency, California, Toll Road Revenue Refunding Bonds, 5.374%, 7/15/26 (i) | 5,000 | 4,436,000 |
| Foothill/Eastern Corridor Agency, California, Toll Road Revenue Refunding Bonds, 6.10%, 1/15/33 (g) | 5,000 | 695,100 |
| Foothill/Eastern Corridor Agency, California, Toll Road Revenue Refunding Bonds, 6.106%, 1/15/34 (g) | 5,000 | 640,700 |
| Foothill/Eastern Corridor Agency, California, Toll Road Revenue Refunding Bonds, 6.199%, 1/15/35 (g) | 13,445 | 1,576,023 |
| Foothill/Eastern Corridor Agency, California, Toll Road Revenue Refunding Bonds, 6.101%, 1/15/38 (g) | 1,000 | 90,180 |
| Foothill/Eastern Corridor Agency, California, Toll Road Revenue Refunding Bonds, 5.75%, 1/15/40 | 10,030 | 7,805,847 |
| Golden State Tobacco Securitization Corporation of California, Tobacco Settlement Revenue Bonds, Series A-1, 6.625%, 6/01/13 (j) | 2,000 | 2,246,260 |
| Huntington Beach, California, Union High School District, GO (Election of 2004), 5.02%, 8/01/33 (c)(e)(g) | 5,000 | 1,020,000 |
| Irvine, California, Mobile Home Park Revenue Bonds (Meadows Mobile Home Park), Series A, 5.70%, 3/01/28 | 4,965 | 3,948,863 |
| Kaweah Delta Health Care District, California, Revenue Refunding Bonds, 6%, 8/01/12 (j) | 7,700 | 8,645,868 |
| Lathrop, California, Financing Authority Revenue Bonds (Water Supply Project), 5.90%, 6/01/27 | 2,855 | 2,378,301 |
| Lathrop, California, Financing Authority Revenue Bonds (Water Supply Project), 6%, 6/01/35 | 5,140 | 4,028,218 |
| Live Oak Unified School District, California, GO (Election of 2004), Series B, 5.589%, 8/01/18 (g)(j)(k) | 985 | 244,792 |
| Live Oak Unified School District, California, GO (Election of 2004), Series B, 5.598%, 8/01/18 (g)(j)(k) | 1,030 | 241,823 |
| Live Oak Unified School District, California, GO (Election of 2004), Series B, 5.61%, 8/01/18 (g)(j)(k) | 1,080 | 239,490 |
| Live Oak Unified School District, California, GO (Election of 2004), Series B, 5.62%, 8/01/18 (g)(j)(k) | 1,125 | 235,586 |
| Live Oak Unified School District, California, GO (Election of 2004), Series B, 5.631%, 8/01/18 (g)(j)(k) | 1,175 | 232,321 |
| Live Oak Unified School District, California, GO (Election of 2004), Series B, 5.641%, 8/01/18 (g)(j)(k) | 1,230 | 229,567 |
| Live Oak Unified School District, California, GO (Election of 2004), Series B, 5.651%, 8/01/18 (g)(j)(k) | 1,285 | 226,340 |
| Live Oak Unified School District, California, GO (Election of 2004), Series B, 5.661%, 8/01/18 (g)(j)(k) | 1,340 | 222,721 |
| Live Oak Unified School District, California, GO (Election of 2004), | | |

Series B, 5.669%, 8/01/18 (g)(j)(k)

1,400

219,520

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| Municipal Bonds | Par (000) | Value |
|---|----------------------|--------------|
| Live Oak Unified School District, California, GO (Election of 2004), Series B, 5.68%, 8/01/18 (g)(j)(k) | \$ 1,465 | \$ 216,673 |
| Los Angeles, California, Municipal Improvement Corporation, Lease Revenue Refunding Bonds, Series B, 5%, 9/01/38 | 4,000 | 3,492,120 |
| Los Angeles, California, Regional Airports Improvement Corporation, Lease Revenue Bonds (American Airlines, Inc.), AMT, Series C, 7.50%, 12/01/24 | 4,110 | 2,975,023 |
| Los Angeles County, California, Metropolitan Transportation Authority, Sales Tax Revenue Refunding Bonds, Proposition C, VRDN, Second Senior Series A, 8%, 7/01/20 (a)(b)(c) | 4,000 | 4,000,000 |
| Modesto, California, Irrigation District, COP, Series B, 5.50%, 7/01/35 | 3,300 | 3,024,285 |
| Port of Oakland, California, Revenue Refunding Bonds, Intermediate Lien, AMT, Series A, 5%, 11/01/27 (c) | 5,850 | 4,594,707 |
| Rancho Cucamonga, California, Community Facilities District, Special Tax Bonds, Series A, 6.50%, 9/01/33 | 4,000 | 3,322,960 |
| Rancho Cucamonga, California, Redevelopment Agency, Tax Allocation Bonds (Rancho Redevelopment Project), 5.125%, 9/01/30 (c) | 15,500 | 13,808,175 |
| Redding, California, Electric System, COP, Series A, 5%, 6/01/30 (d) | 2,780 | 2,562,632 |
| Richmond, California, Wastewater Revenue Bonds, 5.619%, 8/01/31 (e)(g)(l) | 1,905 | 489,833 |
| San Diego County, California, Water Authority, Water Revenue Refunding Bonds, COP, Series A, 5%, 5/01/33 (d) | 6,040 | 5,500,266 |
| San Francisco, California, City and County Airport Commission, International Airport Revenue Refunding Bonds, AMT, 2nd Series, 6.75%, 5/01/19 | 3,775 | 3,822,754 |
| San Francisco, California, City and County Redevelopment Agency, Community Facilities District Number 1, Special Tax Bonds (Mission Bay South Public Improvements Project), 6.25%, 8/01/33 | 7,500 | 6,190,500 |
| San Francisco, California, City and County Redevelopment Agency, Community Facilities District Number 1, Special Tax Bonds (Mission Bay South Public Improvements Project), Series B, 6.125%, 8/01/31 | 1,775 | 1,448,347 |
| San Jose, California, M/F Housing Revenue Bonds (Lenzen Affordable Housing Project), AMT, Series B, 5.45%, 2/20/43 (m)(n) | 2,880 | 2,253,427 |
| San Jose, California, M/F Housing Revenue Bonds (Villages Parkway Senior Apartments Housing Project), AMT, Series D, 5.50%, 4/01/34 (o) | 3,595 | 2,914,970 |
| San Mateo County, California, Joint Powers Financing Authority, Lease Revenue Refunding Bonds (Youth Services Campus), Series A, 5%, 7/15/33 | 1,575 | 1,402,963 |
| Santa Ana, California, Unified School District (Election of 2008), GO, Series A, 5.125%, 8/01/33 | 8,000 | 7,226,480 |
| Santa Clara County, California, Housing Authority, M/F Housing Revenue Bonds (John Burns Gardens Apartments Project), AMT, Series A, 5.85%, 8/01/31 | 1,715 | 1,488,431 |
| Santa Clara County, California, Housing Authority, M/F Housing Revenue Bonds (Rivertown Apartments Project), AMT, Series A, 6%, 8/01/41 | 1,235 | 1,057,469 |
| Stockton, California, Unified School District, GO (Election of 2005), 5%, 8/01/31 (d) | 2,500 | 2,305,150 |
| Val Verde, California, Unified School District Financing Authority, Special Tax Refunding Bonds, Junior Lien, 6.25%, 10/01/28 | 2,245 | 1,887,933 |

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(Percentages shown are based on Net Assets)

| | | Par (000) | Value |
|---|--|--------------|-----------|
| Municipal Bonds | | | |
| Multi-State - 11.9% | Charter Mac Equity Issuer Trust, 6.30%, 6/30/49 (p)(q) | \$ 7,000 | \$ 7,13 |
| | Charter Mac Equity Issuer Trust, 6.80%, 11/30/50 (p)(q) | 4,000 | 4,21 |
| | MuniMae TE Bond Subsidiary LLC, 6.30%, 6/30/49 (p)(q) | 7,000 | 7,01 |
| | MuniMae TE Bond Subsidiary LLC, 6.80%, 6/30/50 (p)(q) | 3,000 | 2,99 |
| | | | 21,36 |
| Puerto Rico - 5.8% | Puerto Rico Public Finance Corporation, Commonwealth Appropriation Revenue Bonds, Series E, 5.70%, 2/01/10 (j) | 10,000 | 10,39 |
| | Total Municipal Bonds - 142.6% | | 255,62 |
| Municipal Bonds Transferred to Tender Option Bond Trusts (r) | | | |
| California - 23.8% | California Educational Facilities Authority Revenue Bonds (Stanford University), Series Q, 5.25%, 12/01/32 | 10,000 | 9,93 |
| | Mount San Antonio Community College District, California, GO (Election of 2001), Series C, 5%, 9/01/31 (d) | 10,770 | 9,99 |
| | Palomar Pomerado Health Care District, California, GO (Election of 2004), Series A, 5.125%, 8/01/37 (c) | 5,550 | 5,17 |
| | San Diego, California, Community College District, GO (Election of 2006), 5%, 8/01/32 (d) | 9,000 | 8,28 |
| | Santa Clara County, California, Financing Authority, Lease Revenue Refunding Bonds, Series L, 5.25%, 5/15/36 | 10,000 | 9,24 |
| | Total Municipal Bonds Transferred to Tender Option Bond Trusts - 23.8% | | 42,62 |
| | Total Long-Term Investments (Cost - \$332,088,781) - 166.4% | | 298,25 |
| Short-Term Securities | | | |
| | CMA California Municipal Money Fund, 1.02% (s)(t) | 11,700,951 | 11,70 |
| | Total Short-Term Securities (Cost - \$11,700,951) - 6.5% | | 11,70 |
| | Total Investments (Cost - \$343,789,712*) - 172.9% | | 309,95 |
| | Liabilities in Excess of Other Assets - (0.1)% | | (16 |
| | Liability for Trust Certificates, Including Interest Expense and Fees Payable - (16.5)% | | (29,55 |
| | Preferred Shares, at Redemption Value - (56.3)% | | (100,96 |
| | Net Assets Applicable to Common Shares - 100.0% | | \$ 179,27 |

* The cost and unrealized appreciation (depreciation) of investments as of October 31, 2008, as computed for federal income tax purposes, were as follows:

| | |
|-------------------------------|-----------------|
| Aggregate cost | \$ 314,821,307 |
| Gross unrealized appreciation | \$ 1,811,623 |
| Gross unrealized depreciation | (35,959,783) |
| Net unrealized depreciation | \$ (34,148,160) |

- (a) Security may have a maturity of more than one year at the time of issuance, but has variable rate and demand features that qualify it as a short-term security.
- (b) Variable rate security. Rate shown is as of report date. Maturity shown is the final maturity date.
- (c) MBIA Insured.
- (d) FSA Insured.
- (e) FGIC Insured.

- (f) Assured Guaranty Insured.
- (g) Represents a zero-coupon bond. Rate shown reflects the effective yield at the time of purchase.
- (h) AMBAC Insured.

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- (i) Represents a step bond. Rate shown reflects the effective yield at the time of purchase.
- (j) 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.
- (k) XL Capital Insured.
- (l) Security is collateralized by Municipal or U.S. Treasury Obligations.
- (m) GNMA Collateralized.
- (n) FHA Insured.
- (o) FNMA Collateralized.
- (p) Security exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration to qualified institutional investors.
- (q) Security 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, and is subject to mandatory redemption at maturity.
- (r) Securities represent bonds transferred to a tender option bond trust in exchange for which the Trust acquired residual interest certificates. These securities serve as collateral in a financing transaction.
- (s) Represents the current yield as of report date.
- (t) Investments in companies considered to be an affiliate of the Trust, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, were as follows:

| Affiliate | Income | Net Activity |
|-------------------------------------|---------------|---------------------|
| CMA California Municipal Money Fund | \$ 48,104 | (5,755,185) |

Effective August 1, 2008, the Trust adopted Financial Accounting Standards Board Statement of Financial Accounting Standards No. 157, "Fair Value Measurements" ("FAS 157"). FAS 157 clarifies the definition of fair value, establishes a framework for measuring fair values and requires additional disclosures about the use of fair value measurements. Various inputs are used in determining the fair value of investments, which are as follows:

Level 1 - price quotations in active markets/exchanges for identical securities

Level 2 - other observable inputs (including, but not limited to: quoted prices for 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 circumstance, to the extent observable inputs are not available (including the Trust's own assumption used in determining the fair value of investments)

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities. For information about the Trust's policy regarding valuation of investments and other significant accounting policies, please refer to the Trust's most recent financial statements as contained in its annual report.

The following table summarizes the inputs used as of October 31, 2008 in determining the fair valuation of the Trust's investments:

| Valuation Inputs | Investments in Securities |
|-------------------------|----------------------------------|
|-------------------------|----------------------------------|

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| | | |
|--------------|----|-------------|
| Level 1 | \$ | 11,700,951 |
| Level 2 | | 298,257,192 |
| Level 3 | | - |
| Total | \$ | 309,958,143 |

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Item 2 Controls and Procedures

- 2(a) 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 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/ Donald C. Burke
Donald C. Burke
Chief Executive Officer of
BlackRock California Municipal Income Trust

Date: December 19, 2008

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act 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/ Donald C. Burke
Donald C. Burke
Chief Executive Officer (principal executive officer) of
BlackRock California Municipal Income Trust

Date: December 19, 2008

By: /s/ Neal J. Andrews
Neal J. Andrews
Chief Financial Officer (principal financial officer) of
BlackRock California Municipal Income Trust

Date: December 19, 2008
