

EATON VANCE CALIFORNIA MUNICIPAL BOND FUND II
Form N-Q
February 28, 2011

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
Form N-Q
QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES
811-21217
Investment Company Act File Number
Eaton Vance California Municipal Bond Fund II
(Exact Name of Registrant as Specified in Charter)
Two International Place, Boston, Massachusetts 02110
(Address of Principal Executive Offices)
Maureen A. Gemma
Two International Place, Boston, Massachusetts 02110
(Name and Address of Agent for Services)
(617) 482-8260
(Registrant's Telephone Number, Including Area Code)
September 30
Date of Fiscal Year End
December 31, 2010
Date of Reporting Period

Item 1. Schedule of Investments

Eaton Vance California Municipal Bond Fund II

as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited)**Tax-Exempt Investments 182.5%****Principal
Amount****(000 s
omitted)**

| | Security | Value |
|----------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------|
| Electric Utilities 6.5% | | |
| \$ 1,060 | Puerto Rico Electric Power Authority, 5.25%, 7/1/40 | \$ 989,404 |
| 1,000 | Southern California Public Power Authority, (Tieton Hydropower), 5.00%, 7/1/30 | 998,150 |
| 675 | Vernon, Electric System Revenue, 5.125%, 8/1/21 | 686,597 |
| | | \$ 2,674,151 |
| General Obligations 7.6% | | |
| \$ 1,300 | California, 5.50%, 11/1/35 | \$ 1,266,408 |
| 1,850 | Palo Alto, (Election of 2008), 5.00%, 8/1/40 | 1,863,228 |
| | | \$ 3,129,636 |
| Hospital 18.6% | | |
| \$ 1,330 | California Health Facilities Financing Authority, (Catholic Healthcare West), 5.625%, 7/1/32 | \$ 1,334,442 |
| 1,445 | California Health Facilities Financing Authority, (Cedars-Sinai Medical Center), 5.00%, 8/15/39 | 1,312,407 |
| 620 | California Statewide Communities Development Authority, (Cottage Health System), 5.00%, 11/1/40 | 555,607 |
| 1,330 | California Statewide Communities Development Authority, (Huntington Memorial Hospital), 5.00%, 7/1/35 | 1,160,412 |
| 500 | California Statewide Communities Development Authority, (John Muir Health), 5.00%, 8/15/36 | 443,295 |
| 1,900 | California Statewide Communities Development Authority, (Kaiser Permanente), 5.25%, 3/1/45 | 1,737,360 |
| 555 | Washington Township Health Care District, 5.00%, 7/1/32 | 476,484 |
| 750 | Washington Township Health Care District, 5.25%, 7/1/29 | 685,312 |
| | | \$ 7,705,319 |
| Insured-Electric Utilities 9.6% | | |
| \$ 1,475 | Glendale Electric, (NPFPG), 5.00%, 2/1/32 | \$ 1,424,599 |
| 1,500 | Los Angeles Department of Water and Power, (AMBAC), (BHAC), 5.00%, 7/1/26 ⁽¹⁾ | 1,545,705 |
| 1,000 | Sacramento Municipal Utility District, (AGM), 5.00%, 8/15/27 | 1,002,770 |

\$ 3,973,074

Insured-Escrowed/Prerefunded 9.1%

| | | | | |
|----|-------|-------------------------------------------------------------------------------------------------------------------------------|----|-----------|
| \$ | 1,025 | California Infrastructure & Economic Development Bank, (Bay Area Toll Bridges), (AMBAC), Prerefunded to 1/1/28, 5.00%, 7/1/36 | \$ | 1,120,653 |
| | 3,130 | Clovis Unified School District, (FGIC), (NPPFG), Escrowed to Maturity, 0.00%, 8/1/20 | | 2,223,114 |
| | 395 | Orange County Water District, Certificates of Participation, (NPPFG), Escrowed to Maturity, 5.00%, 8/15/34 | | 412,585 |
| | | | \$ | 3,756,352 |

Insured-General Obligations 45.4%

| | | | | |
|----|--------|-------------------------------------------------------------------------------------------------|----|------------|
| \$ | 740 | Antelope Valley Community College District, (Election of 2004), (NPPFG), 5.25%, 8/1/39 | \$ | 729,721 |
| | 7,125 | Arcadia Unified School District, (AGM), 0.00%, 8/1/38 | | 1,039,965 |
| | 3,115 | Arcadia Unified School District, (AGM), 0.00%, 8/1/40 | | 397,692 |
| | 3,270 | Arcadia Unified School District, (AGM), 0.00%, 8/1/41 | | 389,784 |
| | 1,500 | Carlsbad Unified School District, (Election of 2006), (NPPFG), 5.25%, 8/1/32 | | 1,530,015 |
| | 19,350 | Chabot-Las Positas Community College District, (AMBAC), 0.00%, 8/1/43 | | 1,998,081 |
| | 6,675 | Coast Community College District, (Election of 2002), (AGM), 0.00%, 8/1/35 | | 1,252,631 |
| | 865 | El Camino Hospital District, (NPPFG), 4.45%, 8/1/36 | | 752,368 |
| | 975 | Long Beach Unified School District, (Election of 1999), (AGM), 5.00%, 8/1/31 | | 952,897 |
| | 2,075 | Los Angeles Community College District, (Election of 2001), (AGM), (FGIC), 5.00%, 8/1/32 | | 2,025,408 |
| | 1,000 | Mount Diablo Unified School District, (AGM), 5.00%, 8/1/25 | | 1,004,530 |
| | 1,250 | Palm Springs Unified School District, (Election of 2008), (AGC), 5.00%, 8/1/33 | | 1,247,425 |
| | 4,300 | San Mateo County Community College District, (Election of 2001), (FGIC), (NPPFG), 0.00%, 9/1/21 | | 2,505,868 |
| | 1,390 | Santa Clara Unified School District, (Election of 2004), (AGM), 4.375%, 7/1/30 | | 1,268,333 |
| | 3,200 | Union Elementary School District, (FGIC), (NPPFG), 0.00%, 9/1/22 | | 1,671,072 |
| | | | \$ | 18,765,790 |

| Principal Amount (000 s omitted) | Security | Value |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------|
| Insured-Hospital 6.8% | | |
| \$ 1,250 | California Statewide Communities Development Authority, (Kaiser Permanente), (BHAC), 5.00%, 3/1/41 ⁽¹⁾ | \$ 1,169,700 |
| 1,750 | California Statewide Communities Development Authority, (Sutter Health), (AGM), 5.05%, 8/15/38 ⁽¹⁾ | 1,656,498 |
| | | \$ 2,826,198 |
| Insured-Lease Revenue/Certificates of Participation 10.1% | | |
| \$ 1,250 | Puerto Rico Public Finance Corp., (AMBAC), Escrowed to Maturity, 5.50%, 8/1/27 | \$ 1,456,562 |
| 1,750 | San Diego County Water Authority, Certificates of Participation, (AGM), 5.00%, 5/1/38 ⁽¹⁾ | 1,705,340 |
| 1,075 | San Jose Financing Authority, (Civic Center), (AMBAC), 5.00%, 6/1/32 | 1,014,252 |
| | | \$ 4,176,154 |
| Insured-Private Education 1.0% | | |
| \$ 420 | California Educational Facilities Authority, (Pepperdine University), (AMBAC), 5.00%, 12/1/32 | \$ 406,140 |
| | | \$ 406,140 |
| Insured-Public Education 11.3% | | |
| \$ 2,000 | California State University, (AGM), (BHAC), 5.00%, 11/1/39 ⁽¹⁾ | \$ 1,934,640 |
| 2,860 | California State University, (AMBAC), 5.00%, 11/1/33 | 2,725,122 |
| | | \$ 4,659,762 |
| Insured-Sewer Revenue 2.0% | | |
| \$ 1,000 | Clovis Public Financing Authority, Wastewater Revenue, (AMBAC), 4.50%, 8/1/38 | \$ 826,880 |
| | | \$ 826,880 |
| Insured-Special Assessment Revenue 6.7% | | |
| \$ 2,000 | Cathedral City Public Financing Authority, (Housing Redevelopment), (NPF), 5.00%, 8/1/33 | \$ 1,730,980 |
| 1,250 | Los Osos Community Services District, (Wastewater Assessment District No. 1), (NPF), 5.00%, 9/2/33 | 1,046,588 |
| | | \$ 2,777,568 |
| Insured-Special Tax Revenue 9.0% | | |

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| | | | | |
|----|--------|--------------------------------------------------------------------------------------------------|----|------------------|
| \$ | 1,535 | Hesperia Public Financing Authority, (Redevelopment and Housing Projects), (XLCA), 5.00%, 9/1/37 | \$ | 1,138,387 |
| | 11,485 | Puerto Rico Sales Tax Financing Corp., (AMBAC), 0.00%, 8/1/54 | | 598,713 |
| | 2,320 | Puerto Rico Sales Tax Financing Corp., (NPFPG), 0.00%, 8/1/44 | | 258,680 |
| | 4,600 | Puerto Rico Sales Tax Financing Corp., (NPFPG), 0.00%, 8/1/45 | | 474,582 |
| | 2,905 | Puerto Rico Sales Tax Financing Corp., (NPFPG), 0.00%, 8/1/46 | | 278,037 |
| | 1,000 | Santa Clara Valley Transportation Authority, Sales Tax Revenue, (AMBAC), 5.00%, 4/1/32 | | 980,050 |
| | | | \$ | 3,728,449 |

Insured-Transportation 2.2%

| | | | | |
|----|-------|---------------------------------------------------------------------------|----|----------------|
| \$ | 3,520 | San Joaquin Hills Transportation Corridor Agency, (NPFPG), 0.00%, 1/15/27 | \$ | 926,922 |
| | | | \$ | 926,922 |

Insured-Water Revenue 13.4%

| | | | | |
|----|-------|--------------------------------------------------------------------------------------------------------------|----|------------------|
| \$ | 1,235 | Calleguas Las Virgines Public Financing Authority, (Municipal Water District), (BHAC), (FGIC), 4.75%, 7/1/37 | \$ | 1,168,273 |
| | 100 | East Bay Municipal Utility District, Water System Revenue, (AGM), (FGIC), 5.00%, 6/1/32 | | 101,310 |
| | 1,445 | East Bay Municipal Utility District, Water System Revenue, (FGIC), (NPFPG), 5.00%, 6/1/32 | | 1,463,930 |
| | 1,500 | Los Angeles Department of Water and Power, (NPFPG), 3.00%, 7/1/30 | | 1,093,380 |
| | 445 | Riverside, Water Revenue, (AGM), 5.00%, 10/1/38 | | 436,776 |
| | 1,475 | Santa Clara Valley Water District, (AGM), 3.75%, 6/1/28 | | 1,260,063 |
| | | | \$ | 5,523,732 |

| Principal Amount (000 s omitted) | Security | Value |
|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------|
| Private Education 12.7% | | |
| \$ 780 | California Educational Facilities Authority, (Claremont McKenna College), 5.00%, 1/1/39 | \$ 777,083 |
| 380 | California Educational Facilities Authority, (Loyola Marymount University), 5.00%, 10/1/30 | 369,288 |
| 890 | California Educational Facilities Authority, (Santa Clara University), 5.00%, 2/1/29 | 888,389 |
| 1,155 | California Educational Facilities Authority, (Santa Clara University), 5.00%, 2/1/40 | 1,134,960 |
| 500 | California Educational Facilities Authority, (Stanford University), 5.125%, 1/1/31 ⁽²⁾ | 500,035 |
| 750 | California Educational Facilities Authority, (Stanford University), 5.25%, 4/1/40 | 810,765 |
| 735 | California Educational Facilities Authority, (University of Southern California), 5.25%, 10/1/38 | 749,700 |
| | | \$ 5,230,220 |
| Public Education 2.5% | | |
| \$ 1,000 | University of California, 5.25%, 5/15/39 | \$ 1,013,800 |
| | | \$ 1,013,800 |
| Transportation 5.5% | | |
| \$ 540 | Long Beach, Harbor Revenue, 5.00%, 5/15/27 | \$ 549,882 |
| 1,060 | Los Angeles Department of Airports, (Los Angeles International Airport), 5.00%, 5/15/35 ⁽¹⁾⁽³⁾ | 1,026,567 |
| 780 | San Francisco City & County Airport Commission, (San Francisco International Airport), 5.00%, 5/1/40 | 718,162 |
| | | \$ 2,294,611 |
| Water and Sewer 2.5% | | |
| \$ 1,050 | Metropolitan Water District of Southern California, (Waterworks Revenue Authorization), 5.00%, 1/1/39 | \$ 1,053,780 |
| | | \$ 1,053,780 |
| Total Tax-Exempt Investments 182.5% (identified cost \$83,578,951) | | \$ 75,448,538 |
| Auction Preferred Shares Plus Cumulative Unpaid Dividends (62.2)% | | \$ (25,701,245) |

Other Assets, Less Liabilities (20.3)% **\$ (8,401,873)**

Net Assets Applicable to Common Shares 100.0% **\$ 41,345,420**

The percentage shown for each investment category in the Portfolio of Investments is based on net assets applicable to common shares.

- AGC - Assured Guaranty Corp.
- AGM - Assured Guaranty Municipal Corp.
- AMBAC - AMBAC Financial Group, Inc.
- BHAC - Berkshire Hathaway Assurance Corp.
- FGIC - Financial Guaranty Insurance Company
- NPFG - National Public Finance Guaranty Corp.
- XLCA - XL Capital Assurance, Inc.

The Fund invests primarily in debt securities issued by California municipalities. The ability of the issuers of the debt securities to meet their obligations may be affected by economic developments in a specific industry or municipality. In order to reduce the risk associated with such economic developments, at December 31, 2010, 69.4% of total investments are backed by bond insurance of various financial institutions and financial guaranty assurance agencies. The aggregate percentage insured by an individual financial institution ranged from 1.5% to 24.5% of total investments.

- (1) Security represents the underlying municipal bond of an inverse floater.
- (2) Security (or a portion thereof) has been pledged to cover margin requirements on open financial futures contracts.
- (3) Security (or a portion thereof) has been pledged as collateral for inverse floating-rate security transactions. The aggregate value of such collateral is \$231,568.

A summary of open financial instruments at December 31, 2010 is as follows:

Futures Contracts

| Expiration Date | Contracts | Position | Aggregate Cost | Value | Net Unrealized Appreciation |
|-----------------|-------------------------------|----------|----------------|----------------|-----------------------------|
| 3/11 | 18 U.S. 30-Year Treasury Bond | Short | \$ (2,277,781) | \$ (2,198,250) | \$ 79,531 |

Interest Rate Swaps

| Counterparty | Notional Amount | Annual Fixed Rate Paid By Fund | Floating Rate Paid To Fund | Effective Date/ Termination Date | Net Unrealized Appreciation |
|-----------------|-----------------|--------------------------------|----------------------------|-----------------------------------------|-----------------------------|
| Bank of America | \$ 1,812,500 | 4.092% | 3-month USD-LIBOR-BBA | February 24, 2011/ February 24, 2041 | \$ 16,247 |

The effective date represents the date on which the Fund and the counterparty to the interest rate swap contract begin interest payment accruals.

At December 31, 2010, the Fund had sufficient cash and/or securities to cover commitments under these contracts.

The Fund is subject to interest rate risk in the normal course of pursuing its investment objectives. Because the Fund holds fixed rate bonds, the value of these bonds may decrease if interest rates rise. To hedge against this risk, the Fund enters into interest rate swap contracts. The Fund also purchases and sells U.S. Treasury futures contracts to hedge against changes in interest rates.

At December 31, 2010, the aggregate fair value of derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) in an asset position and whose primary underlying risk exposure is interest rate risk was \$95,778.

The cost and unrealized appreciation (depreciation) of investments of the Fund at December 31, 2010, as determined on a federal income tax basis, were as follows:

| | |
|------------------------------------|-----------------------|
| Aggregate cost | \$ 74,658,889 |
| Gross unrealized appreciation | \$ 800,655 |
| Gross unrealized depreciation | (8,716,006) |
| Net unrealized depreciation | \$ (7,915,351) |

Under generally accepted accounting principles for fair value measurements, a three-tier hierarchy to prioritize the assumptions, referred to as inputs, is used in valuation techniques to measure fair value. The three-tier hierarchy of inputs is summarized in the three broad levels listed below.

Level 1 quoted prices in active markets for identical investments

Level 2 other significant observable inputs (including quoted prices for similar investments, interest rates, prepayment speeds, credit risk, etc.)

Level 3 significant unobservable inputs (including a fund's own assumptions in determining the fair value of investments)

In cases where the inputs used to measure fair value fall in different levels of the fair value hierarchy, the level disclosed is determined based on the lowest level input that is significant to the fair value measurement in its entirety. The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

At December 31, 2010, the hierarchy of inputs used in valuing the Fund's investments, which are carried at value, were as follows:

| Asset Description | Quoted Prices in Active Markets for Identical Assets (Level 1) | Significant Other Observable Inputs (Level 2) | Significant Unobservable Inputs (Level 3) | Total |
|--------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------|
| Tax-Exempt Investments | \$ | \$ 75,448,538 | \$ | \$ 75,448,538 |
| Total Investments | \$ | \$ 75,448,538 | \$ | \$ 75,448,538 |
| Futures Contracts | \$ 79,531 | \$ | \$ | \$ 79,531 |
| Interest Rate Swaps | | 16,247 | | 16,247 |
| Total | \$ 79,531 | \$ 75,464,785 | \$ | \$ 75,544,316 |

The Fund held no investments or other financial instruments as of September 30, 2010 whose fair value was determined using Level 3 inputs. At December 31, 2010, the value of investments transferred between Level 1 and Level 2, if any, during the fiscal year to date then ended was not significant.

For information on the Fund's policy regarding the valuation of investments and other significant accounting policies, please refer to the Fund's most recent financial statements included in its semiannual or annual report to shareholders.

Item 2. Controls and Procedures

(a) It is the conclusion of the registrant's principal executive officer and principal financial officer that the effectiveness of the registrant's current disclosure controls and procedures (such disclosure controls and procedures having been evaluated within 90 days of the date of this filing) provide reasonable assurance that the information required to be disclosed by the registrant on this Form N-Q has been recorded, processed, summarized and reported within the time period specified in the Commission's rules and forms and that the information required to be disclosed by the registrant on this Form N-Q has been accumulated and communicated to the registrant's principal executive officer and principal financial officer in order to allow timely decisions regarding required disclosure.

(b) There have been no changes in the registrant's internal controls over financial reporting during the fiscal quarter for which the report is being filed that have materially affected, or are reasonably likely to materially affect the registrant's internal control over financial reporting.

Signatures

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.

Eaton Vance California Municipal Bond Fund
II

By: /s/ Cynthia J. Clemson

Cynthia J. Clemson
President

Date: February 23, 2011

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/ Cynthia J. Clemson

Cynthia J. Clemson
President

Date: February 23, 2011

By: /s/ Barbara E. Campbell

Barbara E. Campbell
Treasurer

Date: February 23, 2011