

EATON VANCE CALIFORNIA MUNICIPAL BOND FUND II  
Form N-Q  
August 27, 2010

**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  
June 30, 2010  
Date of Reporting Period

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**Item 1. Schedule of Investments**

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**Eaton Vance California Municipal Bond Fund II**

as of June 30, 2010

**PORTFOLIO OF INVESTMENTS (Unaudited)****Tax-Exempt Investments 177.7%****Principal  
Amount****(000 s  
omitted)****Electric Utilities****Security****1.6%****Value**

\$	675	Vernon, Electric System Revenue, 5.125%, 8/1/21	\$	709,904
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**\$ 709,904****General Obligations 4.3%**

\$	1,850	Palo Alto, (Election of 2008), 5.00%, 8/1/40	\$	1,966,698
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**\$ 1,966,698****Hospital 15.3%**

\$	1,330	California Health Facilities Financing Authority, (Catholic Healthcare West), 5.625%, 7/1/32	\$	1,365,205
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	1,445	California Health Facilities Financing Authority, (Cedars-Sinai Medical Center), 5.00%, 8/15/39		1,391,318
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	1,475	California Statewide Communities Development Authority, (Huntington Memorial Hospital), 5.00%, 7/1/35		1,404,274
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	500	California Statewide Communities Development Authority, (John Muir Health), 5.00%, 8/15/36		483,000
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	1,900	California Statewide Communities Development Authority, (Kaiser Permanente), 5.25%, 3/1/45		1,826,641
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	555	Washington Township Health Care District, 5.00%, 7/1/32		534,920
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**\$ 7,005,358****Insured-Electric Utilities 9.1%**

\$	1,475	Glendale Electric, (NCFG), 5.00%, 2/1/32	\$	1,488,098
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	1,500	Los Angeles Department of Water and Power, (AMBAC), (BHAC), 5.00%, 7/1/26 <sup>(1)</sup>		1,595,070
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	1,000	Sacramento Municipal Utility District, (AGM), 5.00%, 8/15/27		1,062,320
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**\$ 4,145,488****Insured-Escrowed/Prerefunded 8.5%**

\$	1,025	California Infrastructure & Economic Development Bank, (Bay Area Toll Bridges), (AMBAC), Prerefunded to 1/1/28, 5.00%, 7/1/36	\$	1,206,476
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	3,130	Clovis Unified School District, (FGIC), (NCFG), Escrowed to Maturity, 0.00%, 8/1/20		2,244,366
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395	Orange County Water District, Certificates of Participation, (NPMF), Escrowed to Maturity, 5.00%, 8/15/34	441,077
		<b>\$ 3,891,919</b>

**Insured-General Obligations 47.1%**

\$	740	Antelope Valley Community College District, (Election of 2004), (NPMF), 5.25%, 8/1/39	\$	759,773
	7,125	Arcadia Unified School District, (AGM), 0.00%, 8/1/38		1,119,551
	3,115	Arcadia Unified School District, (AGM), 0.00%, 8/1/40		427,409
	3,270	Arcadia Unified School District, (AGM), 0.00%, 8/1/41		419,149
	1,500	Carlsbad Unified School District, (Election of 2006), (NPMF), 5.25%, 8/1/32		1,594,665
	19,350	Chabot-Las Positas Community College District, (AMBAC), 0.00%, 8/1/43		2,261,821
	6,675	Coast Community College District, (Election of 2002), (AGM), 0.00%, 8/1/35		1,353,490
	1,080	El Camino Hospital District, (NPMF), 4.45%, 8/1/36		1,014,887
	2,350	Long Beach Unified School District, (Election of 1999), (AGM), 5.00%, 8/1/31		2,378,717
	2,075	Los Angeles Community College District, (Election of 2001), (AGM), (FGIC), 5.00%, 8/1/32		2,130,942
	1,000	Mount Diablo Unified School District, (AGM), 5.00%, 8/1/25		1,034,640
	1,250	Palm Springs Unified School District, (Election of 2008), (AGC), 5.00%, 8/1/33		1,299,925
	4,300	San Mateo County Community College District, (Election of 2001), (FGIC), (NPMF), 0.00%, 9/1/21		2,538,978
	1,460	Santa Clara Unified School District, (Election of 2004), (AGM), 4.375%, 7/1/30		1,424,799
	3,200	Union Elementary School District, (FGIC), (NPMF), 0.00%, 9/1/22		1,753,824
			<b>\$</b>	<b>21,512,570</b>

**Insured-Hospital 6.6%**

\$	1,250	California Statewide Communities Development Authority, (Kaiser Permanente), (BHAC), 5.00%, 3/1/41 <sup>(1)</sup>	\$	1,257,888
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<b>Principal Amount (000 s omitted)</b>	<b>Security</b>	<b>Value</b>
\$ 1,750	California Statewide Communities Development Authority, (Sutter Health), (AGM), 5.05%, 8/15/38 <sup>(1)</sup>	\$ 1,771,997
		<b>\$ 3,029,885</b>
<b>Insured-Lease Revenue/Certificates of Participation 9.6%</b>		
\$ 1,250	Puerto Rico Public Finance Corp., (AMBAC), Escrowed to Maturity, 5.50%, 8/1/27	\$ 1,502,063
1,750	San Diego County Water Authority, Certificates of Participation, (AGM), 5.00%, 5/1/38 <sup>(1)</sup>	1,804,810
1,075	San Jose Financing Authority, (Civic Center), (AMBAC), 5.00%, 6/1/32	1,079,633
		<b>\$ 4,386,506</b>
<b>Insured-Private Education 1.7%</b>		
\$ 785	California Educational Facilities Authority, (Pepperdine University), (AMBAC), 5.00%, 12/1/32	\$ 790,150
		<b>\$ 790,150</b>
<b>Insured-Public Education 13.3%</b>		
\$ 2,000	California State University, (AGM), (BHAC), 5.00%, 11/1/39 <sup>(1)</sup>	\$ 2,053,340
4,000	California State University, (AMBAC), 5.00%, 11/1/33	4,028,640
		<b>\$ 6,081,980</b>
<b>Insured-Special Assessment Revenue 15.6%</b>		
\$ 2,500	Cathedral City Public Financing Authority, (Housing Redevelopment), (NPF), 5.00%, 8/1/33	\$ 2,285,725
2,500	Cathedral City Public Financing Authority, (Tax Allocation Redevelopment), (NPF), 5.00%, 8/1/33	2,285,725
1,000	Irvine Public Facility and Infrastructure Authority, (AMBAC), 5.00%, 9/2/26	938,660
1,795	Los Osos Community Services District, (Wastewater Assessment District No. 1), (NPF), 5.00%, 9/2/33	1,592,201
		<b>\$ 7,102,311</b>
<b>Insured-Special Tax Revenue 13.5%</b>		
\$ 2,195	Hesperia Public Financing Authority, (Redevelopment and Housing Projects), (XLCA), 5.00%, 9/1/37	\$ 1,779,728
11,485	Puerto Rico Sales Tax Financing Corp., (AMBAC), 0.00%, 8/1/54	655,105
2,320	Puerto Rico Sales Tax Financing Corp., (NPF), 0.00%, 8/1/44	263,366
4,600	Puerto Rico Sales Tax Financing Corp., (NPF), 0.00%, 8/1/45	485,760
2,905	Puerto Rico Sales Tax Financing Corp., (NPF), 0.00%, 8/1/46	285,242

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375	Sacramento Area Flood Control Agency, (BHAC), 5.625%, 10/1/37	411,371
260	San Francisco Bay Area Rapid Transportation District, Sales Tax Revenue, (AMBAC), 5.00%, 7/1/31	261,422
985	San Francisco Bay Area Rapid Transportation District, Sales Tax Revenue, (AMBAC), 5.125%, 7/1/36	991,639
1,000	Santa Clara Valley Transportation Authority, Sales Tax Revenue, (AMBAC), 5.00%, 4/1/32	1,027,600
		<b>\$ 6,161,233</b>

**Insured-Transportation 2.1%**

\$ 3,520	San Joaquin Hills Transportation Corridor Agency, (NPF), 0.00%, 1/15/27	\$ 958,602
		<b>\$ 958,602</b>

**Insured-Water Revenue 18.5%**

\$ 1,235	Calleguas Las Virgines Public Financing Authority, (Municipal Water District), (BHAC), (FGIC), 4.75%, 7/1/37	\$ 1,247,202
2,500	Contra Costa Water District, (AGM), 5.00%, 10/1/32 <sup>(1)</sup>	2,569,513
100	East Bay Municipal Utility District, Water System Revenue, (AGM), (FGIC), 5.00%, 6/1/32	105,156
1,430	East Bay Municipal Utility District, Water System Revenue, (FGIC), (NPF), 5.00%, 6/1/32	1,503,731
1,500	Los Angeles Department of Water and Power, (NPF), 3.00%, 7/1/30	1,175,805
445	Riverside, Water Revenue, (AGM), 5.00%, 10/1/38	458,003
1,475	Santa Clara Valley Water District, (AGM), 3.75%, 6/1/28	1,369,080
		<b>\$ 8,428,490</b>

**Private Education 3.7%**

\$ 780	California Educational Facilities Authority, (Claremont McKenna College), 5.00%, 1/1/39	\$ 810,654
380	California Educational Facilities Authority, (Loyola Marymount University), 5.00%, 10/1/30	386,164

<b>Principal Amount (000 s omitted)</b>	<b>Security</b>	<b>Value</b>
\$ 500	California Educational Facilities Authority, (Stanford University), 5.125%, 1/1/31 <sup>(2)</sup>	\$ 501,165
		<b>\$ 1,697,983</b>
<b>Transportation 3.6%</b>		
\$ 540	Long Beach, Harbor Revenue, 5.00%, 5/15/27	\$ 577,757
1,060	Los Angeles Department of Airports, (Los Angeles International Airport), 5.00%, 5/15/35 <sup>(1)</sup>	1,080,638
		<b>\$ 1,658,395</b>
<b>Water and Sewer 3.6%</b>		
\$ 500	Metropolitan Water District of Southern California, (Waterworks Revenue Authorization), 5.00%, 1/1/34	\$ 530,005
1,050	Metropolitan Water District of Southern California, (Waterworks Revenue Authorization), 5.00%, 1/1/39	1,108,391
		<b>\$ 1,638,396</b>
<b>Total Tax-Exempt Investments 177.7%</b>		
<b>(identified cost \$85,100,934)</b>		<b>\$ 81,165,868</b>
<b>Auction Preferred Shares Plus Cumulative Unpaid Dividends (56.3)%</b>		<b>\$ (25,702,248)</b>
<b>Other Assets, Less Liabilities (21.4)%</b>		<b>\$ (9,780,372)</b>
<b>Net Assets Applicable to Common Shares 100.0%</b>		<b>\$ 45,683,248</b>

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 June 30, 2010, 81.9% 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 1.6% to 27.9% 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.



A summary of financial instruments outstanding at June 30, 2010 is as follows:

### Futures Contracts

Expiration Date	Contracts	Position	Aggregate Cost	Value	Net Unrealized Depreciation
9/10	18 U.S. 30-Year Treasury Bond	Short	\$ (2,250,564)	\$ (2,295,000)	\$ (44,436)

### Interest Rate Swaps

Counterparty	Notional Amount	Annual Fixed Rate Paid By Fund	Floating Rate Paid To Fund	Effective Date/ Termination Date	Net Unrealized Depreciation
JPMorgan Chase Co.	\$ 1,137,500	4.046%	3-month USD-LIBOR-BBA	September 17, 2010 / September 17, 2040	\$ (64,391)
Merrill Lynch Capital Services, Inc.	1,812,500	4.140	3-month USD-LIBOR-BBA	August 24, 2010 / August 24, 2040	(137,853)
					<b>\$ (202,244)</b>

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

At June 30, 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 may enter into interest rate swap contracts. The Fund may also purchase and sell U.S. Treasury futures contracts to hedge against changes in interest rates.

At June 30, 2010, the aggregate fair value of derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) in a liability position and whose primary underlying risk exposure is interest rate risk was \$246,680.

The cost and unrealized appreciation (depreciation) of investments of the Fund at June 30, 2010, as determined on a federal income tax basis, were as follows:

<b>Aggregate cost</b>	<b>\$ 74,524,025</b>
Gross unrealized appreciation	\$ 2,430,067
Gross unrealized depreciation	(6,158,224)

**Net unrealized depreciation**

**\$ (3,728,157)**

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)

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

At June 30, 2010, the inputs used in valuing the Fund's investments, which are carried at value, were as follows:

<b>Asset Description</b>	<b>Quoted Prices in Active Markets for Identical Assets  (Level 1)</b>	<b>Significant Other Observable Inputs  (Level 2)</b>	<b>Significant Unobservable Inputs  (Level 3)</b>	<b>Total</b>
Tax-Exempt Investments	\$	\$ 81,165,868	\$	\$ 81,165,868
<b>Total Investments</b>	<b>\$</b>	<b>\$ 81,165,868</b>	<b>\$</b>	<b>\$ 81,165,868</b>
<b>Liability Description</b>				
Futures Contracts	\$ (44,436)	\$	\$	\$ (44,436)
Interest Rate Swaps		(202,244)		(202,244)
<b>Total</b>	<b>\$ (44,436)</b>	<b>\$ (202,244)</b>	<b>\$</b>	<b>\$ (246,680)</b>

The Fund held no investments or other financial instruments as of September 30, 2009 whose fair value was determined using Level 3 inputs.

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.

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**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: August 25, 2010

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: August 25, 2010

By: /s/ Barbara E. Campbell

Barbara E. Campbell  
Treasurer

Date: August 25, 2010