

EATON VANCE MICHIGAN MUNICIPAL BOND FUND  
Form N-Q  
February 28, 2013

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

**Form N-Q**

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED  
MANAGEMENT INVESTMENT COMPANIES**

**811-21224**

**Investment Company Act File Number**

**Eaton Vance Michigan Municipal Bond Fund**

(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, 2012

Date of Reporting Period

**Item 1. Schedule of Investments**

**Eaton Vance****Michigan Municipal Bond Fund**

December 31, 2012

**PORTFOLIO OF INVESTMENTS (Unaudited)****Tax-Exempt Investments 155.2%**

	Principal Amount (000 s omitted)	Value
<b>Security</b>		
<b>Education 1.1%</b>		
Michigan Higher Education Facilities Authority, (Hillsdale College), 5.00%, 3/1/35	\$ 250	\$ 253,335
		<b>\$ 253,335</b>
<b>Electric Utilities 3.3%</b>		
Michigan Public Power Agency, 5.00%, 1/1/43	\$ 700	\$ 748,377
		<b>\$ 748,377</b>
<b>Escrowed/Prerefunded 6.4%</b>		
Michigan Hospital Finance Authority, (Chelsea Community Hospital), Prerefunded to 5/15/15, 5.00%, 5/15/30	\$ 400	\$ 442,092
Michigan Hospital Finance Authority, (Oakwood Hospital System), Prerefunded to 4/1/13, 5.75%, 4/1/32	1,000	1,013,800
		<b>\$ 1,455,892</b>
<b>General Obligations 14.2%</b>		
Comstock Park Public Schools, 5.00%, 5/1/28	\$ 170	\$ 194,427
Comstock Park Public Schools, 5.125%, 5/1/31	205	234,867
Comstock Park Public Schools, 5.25%, 5/1/33	165	188,461
Howell Public Schools, 4.50%, 5/1/29	620	705,201
Livingston County, 4.00%, 6/1/28	230	253,405
Livingston County, 4.00%, 6/1/30	245	266,959
Northview Public Schools, 5.00%, 5/1/41	895	1,002,937
St. Clair County, (Convention Center), 3.75%, 4/1/42	375	367,661
		<b>\$ 3,213,918</b>
<b>Hospital 19.5%</b>		
Grand Traverse Hospital, 5.375%, 7/1/35	\$ 750	\$ 852,330
Kalamazoo Hospital Finance Authority, (Bronson Health Care Group), 5.25%, 5/15/33	500	554,390
Kent Hospital Finance Authority, (Spectrum Health System), 5.00%, 1/15/31	750	847,995
Michigan Finance Authority, (Oakwood Obligated Group), 5.00%, 11/1/32	500	555,545
Michigan Hospital Finance Authority, (McLaren Health Care), 5.00%, 6/1/35	750	831,630
Michigan Hospital Finance Authority, (Trinity Health Corp.), 5.00%, 12/1/48	700	771,778
		<b>\$ 4,413,668</b>
<b>Insured-Education 2.2%</b>		

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Ferris State University, (AGC), 5.125%, 10/1/33	\$	435	\$	493,168
				<b>\$ 493,168</b>

**Insured-Electric Utilities 4.6%**

Puerto Rico Electric Power Authority, (NPF), 5.25%, 7/1/26	\$	1,000	\$	1,040,800
				<b>\$ 1,040,800</b>

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Security	Principal Amount (000 s omitted)	Value
<b>Insured-Escrowed/Prerefunded 36.4%</b>		
Central Michigan University, (AMBAC), Prerefunded to 10/1/13, 5.05%, 10/1/32	\$ 750	\$ 776,865
Lansing Building Authority, (NPF), Prerefunded to 6/1/13, 5.00%, 6/1/29	1,500	1,529,985
Michigan Hospital Finance Authority, (St. John Health System), (AMBAC), Escrowed to Maturity, 5.00%, 5/15/28	1,150	1,154,335
Michigan House of Representatives, (AMBAC), Escrowed to Maturity, 0.00%, 8/15/22	1,750	1,405,670
Michigan House of Representatives, (AMBAC), Escrowed to Maturity, 0.00%, 8/15/23	2,615	2,015,407
Reed City Public Schools, (AGM), Prerefunded to 5/1/14, 5.00%, 5/1/29	1,300	1,381,744
		<b>\$ 8,264,006</b>
<b>Insured-General Obligations 22.3%</b>		
Grand Rapids and Kent County Joint Building Authority, (DeVos Place), (NPF), 0.00%, 12/1/27	\$ 1,960	\$ 1,196,717
Greenville Public Schools, (NPF), 5.00%, 5/1/25	375	380,467
Okemos Public School District, (NPF), 0.00%, 5/1/19	1,330	1,156,382
Pinconning Area Schools, (AGM), 5.00%, 5/1/33	1,000	1,104,290
Royal Oak, (AGC), 6.25%, 10/1/28	1,000	1,213,070
		<b>\$ 5,050,926</b>
<b>Insured-Hospital 2.2%</b>		
Michigan Hospital Finance Authority, (Mid-Michigan Obligation Group), (AMBAC), 5.00%, 4/15/32	\$ 500	\$ 500,555
		<b>\$ 500,555</b>
<b>Insured-Lease Revenue/Certificates of Participation 7.9%</b>		
Michigan Building Authority, (AGM), (FGIC), 0.00%, 10/15/29	\$ 1,000	\$ 458,410
Michigan Building Authority, (FGIC), (NPF), 0.00%, 10/15/30	3,100	1,338,239
		<b>\$ 1,796,649</b>
<b>Insured-Special Tax Revenue 1.6%</b>		
Puerto Rico Sales Tax Financing Corp., (AMBAC), 0.00%, 8/1/54	\$ 2,465	\$ 198,802
Puerto Rico Sales Tax Financing Corp., (NPF), 0.00%, 8/1/45	1,015	157,589
		<b>\$ 356,391</b>
<b>Insured-Utilities 6.8%</b>		
Lansing Board of Water and Light, (Water Supply, Steam and Electric Utility), (AGM), 5.00%, 7/1/25	\$ 1,000	\$ 1,021,070
Lansing Board of Water and Light, (Water Supply, Steam and Electric Utility), (AGM), 5.00%, 7/1/26	510	518,522
		<b>\$ 1,539,592</b>
<b>Insured-Water and Sewer 13.6%</b>		
Detroit Sewer Disposal System, (NPF), 4.50%, 7/1/35	\$ 500	\$ 502,405
Detroit Water Supply System, (FGIC), (NPF), 5.00%, 7/1/30	1,425	1,426,924
Grand Rapids Water Supply System, (AGC), 5.00%, 1/1/29	1,000	1,154,450
		<b>\$ 3,083,779</b>
<b>Lease Revenue/Certificates of Participation 0.6%</b>		

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Grand Rapids and Kent County Joint Building Authority, (DeVos Place), 0.00%, 12/1/28	\$	230	\$	134,171
			\$	<b>134,171</b>

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Security	Principal Amount (000 s omitted)	Value
<b>Special Tax Revenue 5.1%</b>		
Michigan Trunk Line Fund, 5.00%, 11/15/36	\$ 1,000	\$ 1,161,090
		<b>\$ 1,161,090</b>
<b>Transportation 2.5%</b>		
Wayne County Airport Authority, 5.00%, 12/1/31	\$ 500	\$ 572,060
		<b>\$ 572,060</b>
<b>Water and Sewer 4.9%</b>		
Grand Rapids, Sanitary Sewer System, 5.00%, 1/1/28	\$ 650	\$ 838,520
Port Huron, Water Supply System, 5.25%, 10/1/31	250	279,220
		<b>\$ 1,117,740</b>
<b>Total Tax-Exempt Investments 155.2%</b>		
<b>(identified cost \$32,023,140)</b>		<b>\$ 35,196,117</b>
<b>Auction Preferred Shares Plus Cumulative Unpaid Dividends (58.8)%</b>		<b>\$ (13,325,466)</b>
<b>Other Assets, Less Liabilities 3.6%</b>		<b>\$ 812,987</b>
<b>Net Assets Applicable to Common Shares 100.0%</b>		<b>\$ 22,683,638</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.
- FGIC - Financial Guaranty Insurance Company
- NPFG - National Public Finance Guaranty Corp.

The Fund invests primarily in debt securities issued by Michigan 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, 2012, 62.9% 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 8.1% to 24.8% of total investments.

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A summary of open financial instruments at December 31, 2012 is as follows:

### Futures Contracts

Expiration Month/Year	Contracts	Position	Aggregate Cost	Value	Net Unrealized Appreciation
3/13	3 U.S. 30-Year Treasury Bond	Short	\$ (449,971)	\$ (442,500)	\$ 7,471

At December 31, 2012, 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 objective. Because the Fund holds fixed-rate bonds, the value of these bonds may decrease if interest rates rise. The Fund purchases and sells U.S. Treasury futures contracts to hedge against changes in interest rates.

At December 31, 2012, the aggregate fair value of open 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 \$7,471.

The cost and unrealized appreciation (depreciation) of investments of the Fund at December 31, 2012, as determined on a federal income tax basis, were as follows:

<b>Aggregate cost</b>	<b>\$ 31,947,137</b>
Gross unrealized appreciation	\$ 3,391,825
Gross unrealized depreciation	(142,845)
<b>Net unrealized appreciation</b>	<b>\$ 3,248,980</b>

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, 2012, the hierarchy of inputs used in valuing the Fund's investments and open derivative instruments, which are carried at value, were as follows:

Asset Description	Level 1	Level 2	Level 3	Total
Tax-Exempt Investments	\$	\$ 35,196,117	\$	\$ 35,196,117



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<b>Total Investments</b>	\$	\$ 35,196,117	\$	\$ 35,196,117
Futures Contracts	\$ 7,471	\$	\$	\$ 7,471
<b>Total</b>	\$ 7,471	\$ 35,196,117	\$	\$ 35,203,588

The Fund held no investments or other financial instruments as of September 30, 2012 whose fair value was determined using Level 3 inputs. At December 31, 2012, there were no investments transferred between Level 1 and Level 2 during the fiscal year to date then ended.

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 Michigan Municipal Bond Fund

By: /s/ Cynthia J. Clemson  
Cynthia J. Clemson  
President

Date: February 22, 2013

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 22, 2013

By: /s/ Barbara E. Campbell  
Barbara E. Campbell  
Treasurer

Date: February 22, 2013