EATON VANCE MICHIGAN MUNICIPAL BOND FUND Form N-Q August 26, 2011

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Form N-Q QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANIES

Investment Company Act File Number Eaton Vance Michigan Municipal Bond Fund

811-21224

(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, 2011
Date of Reporting Period

Item 1. Schedule of Investments

Eaton Vance Michigan Municipal Bond Fund June 30, 2011

PORTFOLIO OF INVESTMENTS (Unaudited)

Tax-Exempt Investments 158.3%

| Princi Amou (000 s | nt | | | |
|--------------------------|------------|---|----|----------------------|
| omitte | | Security s 3.0% | | Value |
| \$ | 620 | Michigan Strategic Fund, (Detroit Edison Pollution Control), 5.45%, 9/1/29 | \$ | 620,434 |
| | | | \$ | 620,434 |
| Escro | wed/Prer | efunded 9.8% | | |
| \$ | 400 | Michigan Hospital Finance Authority, (Chelsea Community Hospital), Prerefunded to 5/15/15, 5.00%, 5/15/30 | \$ | 460,412 |
| | 1,500 | Michigan Hospital Finance Authority, (Sparrow Obligation Group), Prerefunded | Þ | 400,412 |
| | | to 11/15/11, 5.625%, 11/15/36 | | 1,544,895 |
| | | | \$ | 2,005,307 |
| Gener | al Obliga | tions 2.7% | | |
| \$ | 170 | Comstock Park Public Schools, 5.00%, 5/1/28 | \$ | 172,296 |
| | 205 | Comstock Park Public Schools, 5.125%, 5/1/31 | | 206,720 |
| | 165 | Comstock Park Public Schools, 5.25%, 5/1/33 | | 167,330 |
| | | | \$ | 546,346 |
| Hospi | tal 8.0% | ó | | |
| \$ | 1,000 | Michigan Hospital Finance Authority, (Oakwood Hospital System), | Φ | 1 000 700 |
| | 640 | 5.75%, 4/1/32 Michigan Hospital Finance Authority, (Trinity Health), 5.375%, 12/1/30 | \$ | 1,002,700 642,611 |
| | | | \$ | 1,645,311 |
| Insure | ed-Electri | c Utilities 7.4% | | |
| \$ | 500 | Michigan Strategic Fund, (Detroit Edison Co.), (XLCA), 5.25%, 12/15/32 | \$ | 497,060 |
| | 1,000 | Puerto Rico Electric Power Authority, (NPFG), 5.25%, 7/1/26 | | 1,016,640 |
| | | | \$ | 1,513,700 |
| Insure | ed-Escrov | ved/Prerefunded 41.5% | | |
| \$ | 750 | Detroit School District, (School Bond Loan Fund), (AGM), Prerefunded to 5/1/12, 5.125%, 5/1/31 | \$ | 780,120 |
| | | JI 11 12, J. 12J 10, JI 11 J 1 | Ψ | 700,120 |

| | 1,500 1,150 | Lansing Building Authority, (NPFG), Prerefunded to 6/1/13, 5.00%, 6/1/29 Michigan Hagnital Finance Authority (St. John Health System) (AMPAC) | 1,632,165 |
|---------|----------------|--|-----------------|
| | 1,130 | Michigan Hospital Finance Authority, (St. John Health System), (AMBAC), Escrowed to Maturity, 5.00%, 5/15/28 | 1,154,013 |
| | 1,750 | Michigan House of Representatives, (AMBAC), Escrowed to Maturity, | , - , |
| | | 0.00%, 8/15/22 | 1,148,350 |
| | 2,615 | Michigan House of Representatives, (AMBAC), Escrowed to Maturity, 0.00%, 8/15/23 | 1,620,280 |
| | 1,300 | Reed City Public Schools, (AGM), Prerefunded to 5/1/14, 5.00%, 5/1/29 | 1,020,280 |
| | 705 | Ypsilanti Community Utilities Authority, (Sanitary Sewer System No. 3), | 1,130,017 |
| | | (FGIC), Prerefunded to 5/1/12, 5.00%, 5/1/32 | 732,883 |
| | | | \$ 8,526,658 |
| Insured | l-Genera | d Obligations 21.3% | |
| \$ | 1,960 | Grand Rapids and Kent County Joint Building Authority, (DeVos Place), | |
| | | (NPFG), 0.00%, 12/1/27 ⁽¹⁾ | \$ 882,392 |
| | 375 | Greenville Public Schools, (NPFG), 5.00%, 5/1/25 | 379,249 |
| | 1,330 | Okemos Public School District, (NPFG), 0.00%, 5/1/19 | 970,727 |
| | 1,000 | Pinconning Area Schools, (AGM), 5.00%, 5/1/33 | 1,012,800 |
| | 1,000 | Royal Oak, (AGC), 6.25%, 10/1/28 | 1,125,950 |
| | | | \$ 4,371,118 |
| Insured | l-Hospita | al 6.8% | |
| \$ | 500 | Michigan Hospital Finance Authority, (Mid-Michigan Obligation Group), | |
| | | (AMBAC), 5.00%, 4/15/32 | \$ 478,765 |
| | 975 | Royal Oak Hospital Finance Authority, (William Beaumont Hospital), (NPFG), 5.25%, 11/15/35 | 926,133 |
| | | 5.25 %, 11/15/55 | 720,133 |
| | | | \$ 1,404,898 |
| | | | |
| | | 1 | |

| Principal Amount (000 s | | |
|--|----|------------------------|
| omitted) Security | | Value |
| Insured-Lease Revenue/Certificates of Participation 6.3% \$ 1,000 Michigan Building Authority, (AGM), (FGIC), 0.00%, 10/15/29 | \$ | 337,330 |
| 3,100 Michigan Building Authority, (FGIC), (NPFG), 0.00%, 10/15/30 | Ψ | 953,126 |
| | \$ | 1,290,456 |
| Insured-Public Education 15.4% | | |
| \$ 750 Central Michigan University, (AMBAC), 5.05%, 10/1/32 | \$ | 752,235 |
| 435 Ferris State University, (AGC), 5.125%, 10/1/33 | | 445,009 |
| 750 Lake Superior State University, (AMBAC), 5.125%, 11/15/26 1,200 Wayne University, (NPFG), 5.00%, 11/15/37 | | 750,465 1,208,064 |
| 1,200 ag 10 0 111. 01020, (2.12.2.0), 0.100 /0, 12/12/20/ | | 1,200,00 |
| | \$ | 3,155,773 |
| Insured-Sewer Revenue 2.1% | | |
| \$ 500 Detroit Sewer Disposal System, (NPFG), 4.50%, 7/1/35 | \$ | 433,210 |
| | ø | 422 210 |
| | \$ | 433,210 |
| Insured-Special Tax Revenue 9.0% | | |
| \$ 6,100 Puerto Rico Sales Tax Financing Corp., (AMBAC), 0.00%, 8/1/54 | \$ | 330,803 |
| 1,670 Puerto Rico Sales Tax Financing Corp., (NPFG), 0.00%, 8/1/45 | | 178,005 |
| 1,115 Puerto Rico Sales Tax Financing Corp., (NPFG), 0.00%, 8/1/46 | | 110,653 |
| 1,000 Wayne Charter County, (Airport Hotel-Detroit Metropolitan Airport), (NPFG), 5.00%, 12/1/30 | | 924,450 |
| Ypsilanti Community Utilities Authority, (Sanitary Sewer System No. 3), (FGIC), (NPFG), 5.00%, 5/1/32 | | 295,543 |
| | \$ | 1,839,454 |
| Insured-Utilities 7.5% | | |
| \$ 1,000 Lansing Board of Water and Light, (Water Supply, Steam and Electric Utility), | | |
| (AGM), 5.00%, 7/1/25 | \$ | 1,016,170 |
| Lansing Board of Water and Light, (Water Supply, Steam and Electric Utility), (AGM), 5.00%, 7/1/26 | | 517,512 |
| (AGM), 5.00 %, 1/1120 | | 317,312 |
| | \$ | 1,533,682 |
| Insured-Water Revenue 11.8% | | |
| \$ 1,425 Detroit Water Supply System, (FGIC), (NPFG), 5.00%, 7/1/30 1,000 Grand Rapids Water Supply System, (AGC), 5.00%, 1/1/29 | \$ | 1,374,185 1,054,650 |
| | \$ | 2,428,835 |

| Private E | ducati | on 1.1% | |
|-----------|---------|--|--------------------|
| \$ | 250 | Michigan Higher Education Facilities Authority, (Hillsdale College), 5.00%, 3/1/35 | \$ 235,120 |
| | | | \$ 235,120 |
| Water an | d Sew | er 3.4% | |
| \$ | 650 | Grand Rapids, (Sanitary Sewer System), 5.00%, 1/1/28 | \$ 707,805 |
| | | | \$ 707,805 |
| Water Ro | evenue | 1.2% | |
| \$ | 250 | Port Huron Water Supply System, 5.25%, 10/1/31 | \$ 245,848 |
| | | | \$ 245,848 |
| | | npt Investments 158.3% \$32,128,717) | \$ 32,503,955 |
| Auction 1 | Preferi | red Shares Plus Cumulative Unpaid Dividends (64.9)% | \$ (13,325,112) |
| Other As | sets, L | ess Liabilities 6.6% | \$ 1,359,588 |
| Net Asset | s App | licable to Common Shares 100.0% | \$ 20,538,431 |
| | | 2 | |

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.

XLCA - XL Capital Assurance, Inc.

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 June 30, 2011, 81.5% 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 34.7% of total investments.

Security (or a portion thereof) has been pledged to cover margin requirements on open financial futures contracts.

A summary of open financial instruments at June 30, 2011 is as follows:

Futures Contracts

| | | | | | | N | let |
|------------|------------------------------|----------|----|-----------|-----------------|-------|----------|
| Expiration | | | A | ggregate | | Unre | ealized |
| Date | Contracts | Position | | Cost | Value | Appro | eciation |
| 9/11 | 7 U.S. 30-Year Treasury Bond | Short | \$ | (867,878) | \$ (861,219) | \$ | 6,659 |

Interest Rate Swaps

| | | | | | | Net |
|--------------------|------------|-----------------|---------------------|--------------------|------------|------------|
| | | Annual Fixed | Floating | Effective Date/ | Unrealized | |
| | Notional | Rate Paid By | Rate | Termination | App | reciation |
| Counterparty | Amount | Fund | Paid To Fund | Date | (Dep | reciation) |
| | | | 3-month | August 12, 2011/ | | |
| Bank of America | \$ 675,000 | 4.165% | USD-LIBOR-BBA | August 12, 2041 | \$ | (7,535) |
| | | | 3-month | September 9, 2011/ | | |
| JPMorgan Chase Co. | 450,000 | 4.088 | USD-LIBOR-BBA | September 9, 2041 | | 2,402 |

\$ (5,133)

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, 2011, 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 June 30, 2011, the aggregate fair value of derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) in an asset position and in a liability position and whose primary underlying risk exposure is interest rate risk was \$9,061 and \$7,535, respectively.

The cost and unrealized appreciation (depreciation) of investments of the Fund at June 30, 2011, as determined on a federal income tax basis, were as follows:

| Net unrealized appreciation | \$ 429,005 |
|---|--------------------------------|
| Gross unrealized appreciation Gross unrealized depreciation | \$ 1,475,450 (1,046,445) |
| Aggregate cost | \$ 32,074,950 |

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)

3

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 June 30, 2011, the hierarchy of inputs used in valuing the Fund s investments, which are carried at value, were as follows:

| Asset Description | Level 1 | Level 2 | Level 3 | Total | |
|--|----------|---------------|---------|-------------------|--|
| Tax-Exempt Investments | \$ | \$ 32,503,955 | \$ | \$ 32,503,955 | |
| Total Investments | \$ | \$ 32,503,955 | \$ | \$ 32,503,955 | |
| Futures Contracts Interest Rate Swaps | \$ 6,659 | \$ 2,402 | \$ | \$ 6,659 2,402 | |
| Total | \$ 6,659 | \$ 32,506,357 | \$ | \$ 32,513,016 | |
| L'al-194a Danasia d'an | | | | | |
| Liability Description | | | | | |
| Interest Rate Swaps | \$ | \$ (7,535) | \$ | \$ (7,535) | |
| Total | \$ | \$ (7,535) | \$ | \$ (7,535) | |

The Fund held no investments or other financial instruments as of September 30, 2010 whose fair value was determined using Level 3 inputs. At June 30, 2011, 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 Michigan Municipal Bond Fund

By: /s/ Cynthia J. Clemson

Cynthia J. Clemson

President

Date: August 25, 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: August 25, 2011

By: /s/ Barbara E. Campbell

Barbara E. Campbell

Treasurer

Date: August 25, 2011