EATON VANCE MICHIGAN MUNICIPAL INCOME TRUST Form N-Q April 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 811-09153

Investment Company Act File Number Eaton Vance Michigan Municipal Income Trust

(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)
November 30
Date of Fiscal Year End
February 28, 2011
Date of Reporting Period

Item 1. Schedule of Investments

Eaton Vance Michigan Municipal Income Trust February 28, 2011

PORTFOLIO OF INVESTMENTS (Unaudited)

Tax-Exempt Investments 162.4%

Princip Amoun				
(000 s				
omitted		Security		Value
Educat		4%	Ф	525 140
\$	525	Grand Valley State University, 5.625%, 12/1/29	\$	535,148
	525	Grand Valley State University, 5.75%, 12/1/34		530,581
	200	Michigan Higher Education Facilities Authority, (Hillsdale College),		176 910
	1 000	5.00%, 3/1/35 Michigan State University, 5.00%, 2/15/40		176,810 990,160
	1,000 460	Michigan State University, 5.00%, 2/15/44 Michigan State University, 5.00%, 2/15/44		450,887
	400	Michigan State University, 5.00%, 2/15/44		430,007
			\$	2,683,586
Electri	c Utilitie	s 0.2%		
\$	60	Michigan Strategic Fund, (Detroit Edison Pollution Control), 5.45%, 9/1/29	\$	60,040
			\$	60,040
			Ψ	00,040
Escrow	ved/Prer	efunded 17.1%		
\$	560	Macomb County Hospital Finance Authority, (Mount Clemens General Hospital),		
		Prerefunded to 11/15/13, 5.875%, 11/15/34	\$	635,734
	1,250	Michigan Higher Education Facilities Authority, (Creative Studies), Prerefunded		
		to 6/1/12, 5.90%, 12/1/27		1,331,575
	750	Michigan Hospital Finance Authority, (Sparrow Obligation Group), Prerefunded		
		to 11/15/11, 5.625%, 11/15/36		785,078
	600	Puerto Rico Electric Power Authority, Prerefunded to 7/1/12, 5.25%, 7/1/31		644,484
	1,000	White Cloud Public Schools, Prerefunded to 5/1/11, 5.125%, 5/1/31		1,008,430
			\$	4,405,301
~				
	al Obliga			
\$		Ann Arbor School District, 4.50%, 5/1/24	\$	345,699
		Charter County of Wayne, 6.75%, 11/1/39		498,995
	500	East Grand Rapids Public School District, 5.00%, 5/1/25		502,710
	1,500	Kent County, 5.00%, 1/1/25		1,565,625
	750	Manistee Area Public Schools, 5.00%, 5/1/24		753,825
	1,000	Michigan, 5.00%, 11/1/20		1,089,150
	270	Michigan, 5.50%, 11/1/25		285,252

			\$	5,041,256
Hospital	27.0	%		
\$	185	Gaylord Hospital Finance Authority, (Otsego Memorial Hospital Association), 6.20%, 1/1/25	\$	159,626
	125	Gaylord Hospital Finance Authority, (Otsego Memorial Hospital Association), 6.50%, 1/1/37		100,300
	275	Kent Hospital Finance Authority, (Spectrum Health), 5.50% to 1/15/15 (Put Date), 1/15/47		306,834
	455	Mecosta County, (Michigan General Hospital), 6.00%, 5/15/18		430,002
	750	Michigan Hospital Finance Authority, (Henry Ford Health System),		
		5.00%, 11/15/38		624,608
	1,000	Michigan Hospital Finance Authority, (Henry Ford Health System),		
		5.25%, 11/15/46		840,120
	1,080	Michigan Hospital Finance Authority, (McLaren Healthcare), 5.00%, 8/1/35		984,906
	750	Michigan Hospital Finance Authority, (Memorial Healthcare Center),		
		5.875%, 11/15/21		750,885
	500	Michigan Hospital Finance Authority, (Mid Michigan Obligation Group),		
		6.125%, 6/1/39		504,940
	1,000 425	Michigan Hospital Finance Authority, (Trinity Health Corp.), 5.00%, 12/1/27 Monroe County Hospital Finance Authority, (Mercy Memorial Hospital Corp.),		986,530
		5.375%, 6/1/26		363,668
	1,000	Saginaw Hospital Finance Authority, (Covenant Medical Center, Inc.), 5.00%, 7/1/30		895,860
			\$	6,948,279
Housing	3.5%			
\$	1,000	Michigan Housing Development Authority, (Williams Pavilion), (AMT),		
Ψ	1,000	4.90%, 4/20/48	\$	894,560
			\$	894,560
			Ψ	0, 1,000
Industri	al Deve	lopment Revenue 6.5%		
\$	750	Detroit Local Development Finance Authority, (Chrysler Corp.), 5.375%, 5/1/21	\$	399,825
		1		

Principal				
Amount (000 s				
omitted)		Security		Value
\$	800	Dickinson County Economic Development Corp., (International Paper Co.),		
		5.75%, 6/1/16	\$	810,824
	550	Puerto Rico Port Authority, (American Airlines, Inc.), (AMT), 6.25%, 6/1/26		453,761
			\$	1,664,410
Insured-I	Educa	tion 6.1%		
\$	570	Ferris State University, (AGC), 5.125%, 10/1/33	\$	572,103
	500	Ferris State University, (AGC), 5.25%, 10/1/38		501,060
	500	Wayne State University, (AGM), 5.00%, 11/15/35		488,520
			\$	1,561,683
Insured-H	Electri	c Utilities 9.5%		
\$ 1	1,000	Michigan Strategic Fund, (Detroit Edison Co.), (NPFG), (AMT), 5.55%, 9/1/29	\$	993,710
	400	Michigan Strategic Fund, (Detroit Edison Co.), (XLCA), 5.25%, 12/15/32		377,948
	220	Puerto Rico Electric Power Authority, (FGIC), (NPFG), 5.25%, 7/1/30		207,609
	500	Puerto Rico Electric Power Authority, (FGIC), (NPFG), 5.25%, 7/1/34		449,715
	435	Puerto Rico Electric Power Authority, (NPFG), 5.25%, 7/1/29		414,777
			\$	2,443,759
Insured-I	Escrov	ved/Prerefunded 3.9%	\$	2,443,759
	E scrov 1,000	wed/Prerefunded 3.9% Detroit Sewage Disposal System, (FGIC), Prerefunded to 7/1/11, 5.125%, 7/1/31	\$ \$	2,443,759 1,016,440
				, ,
\$ 1	1,000	Detroit Sewage Disposal System, (FGIC), Prerefunded to 7/1/11, 5.125%, 7/1/31	\$	1,016,440
\$ Insured-0	1,000	Detroit Sewage Disposal System, (FGIC), Prerefunded to 7/1/11, 5.125%, 7/1/31 al Obligations 15.4%	\$	1,016,440 1,016,440
\$ Insured-C	1,000 Genera	Detroit Sewage Disposal System, (FGIC), Prerefunded to 7/1/11, 5.125%, 7/1/31 al Obligations 15.4% Battle Creek School District, (AGM), 5.00%, 5/1/37	\$ \$	1,016,440 1,016,440 1,072,734
\$ Insured-C	1,000 Genera 1,105	Detroit Sewage Disposal System, (FGIC), Prerefunded to 7/1/11, 5.125%, 7/1/31 al Obligations 15.4%	\$ \$	1,016,440 1,016,440
\$ Insured-C	1,000 Genera 1,105 650	Detroit Sewage Disposal System, (FGIC), Prerefunded to 7/1/11, 5.125%, 7/1/31 al Obligations 15.4% Battle Creek School District, (AGM), 5.00%, 5/1/37 Byron Center Public Schools, (AGM), 3.75%, 5/1/26	\$ \$	1,016,440 1,016,440 1,072,734 562,829
\$ Insured-C	Genera 1,105 650 290	Detroit Sewage Disposal System, (FGIC), Prerefunded to 7/1/11, 5.125%, 7/1/31 al Obligations 15.4% Battle Creek School District, (AGM), 5.00%, 5/1/37 Byron Center Public Schools, (AGM), 3.75%, 5/1/26 Byron Center Public Schools, (AGM), 4.00%, 5/1/28	\$ \$	1,016,440 1,016,440 1,072,734 562,829 251,398
\$ Insured-C	General, 1,105 650 290 300	Detroit Sewage Disposal System, (FGIC), Prerefunded to 7/1/11, 5.125%, 7/1/31 al Obligations 15.4% Battle Creek School District, (AGM), 5.00%, 5/1/37 Byron Center Public Schools, (AGM), 3.75%, 5/1/26 Byron Center Public Schools, (AGM), 4.00%, 5/1/28 Detroit School District, (AGM), 5.25%, 5/1/32	\$ \$	1,016,440 1,016,440 1,072,734 562,829 251,398 285,690
\$ Insured-C	General, 1,000 General, 1,105 650 290 300 650	Detroit Sewage Disposal System, (FGIC), Prerefunded to 7/1/11, 5.125%, 7/1/31 al Obligations 15.4% Battle Creek School District, (AGM), 5.00%, 5/1/37 Byron Center Public Schools, (AGM), 3.75%, 5/1/26 Byron Center Public Schools, (AGM), 4.00%, 5/1/28 Detroit School District, (AGM), 5.25%, 5/1/32 Detroit School District, (FGIC), 4.75%, 5/1/28	\$ \$	1,016,440 1,016,440 1,072,734 562,829 251,398 285,690 599,963
\$ 1	General, 105 650 290 300 650 1,250	Detroit Sewage Disposal System, (FGIC), Prerefunded to 7/1/11, 5.125%, 7/1/31 al Obligations 15.4% Battle Creek School District, (AGM), 5.00%, 5/1/37 Byron Center Public Schools, (AGM), 3.75%, 5/1/26 Byron Center Public Schools, (AGM), 4.00%, 5/1/28 Detroit School District, (AGM), 5.25%, 5/1/32 Detroit School District, (FGIC), 4.75%, 5/1/28 Van Dyke Public Schools, (AGM), 5.00%, 5/1/38	\$ \$	1,016,440 1,016,440 1,072,734 562,829 251,398 285,690 599,963 1,198,837
\$ Insured-C	General, 105 650 290 300 650 1,250	Detroit Sewage Disposal System, (FGIC), Prerefunded to 7/1/11, 5.125%, 7/1/31 al Obligations 15.4% Battle Creek School District, (AGM), 5.00%, 5/1/37 Byron Center Public Schools, (AGM), 3.75%, 5/1/26 Byron Center Public Schools, (AGM), 4.00%, 5/1/28 Detroit School District, (AGM), 5.25%, 5/1/32 Detroit School District, (FGIC), 4.75%, 5/1/28 Van Dyke Public Schools, (AGM), 5.00%, 5/1/38	\$ \$	1,016,440 1,016,440 1,072,734 562,829 251,398 285,690 599,963 1,198,837
Insured-C	General, 1,000 General, 1,105 650 290 300 650 1,250 Hospit	Detroit Sewage Disposal System, (FGIC), Prerefunded to 7/1/11, 5.125%, 7/1/31 al Obligations 15.4% Battle Creek School District, (AGM), 5.00%, 5/1/37 Byron Center Public Schools, (AGM), 3.75%, 5/1/26 Byron Center Public Schools, (AGM), 4.00%, 5/1/28 Detroit School District, (AGM), 5.25%, 5/1/32 Detroit School District, (FGIC), 4.75%, 5/1/28 Van Dyke Public Schools, (AGM), 5.00%, 5/1/38	\$ \$	1,016,440 1,016,440 1,072,734 562,829 251,398 285,690 599,963 1,198,837
Insured-C	General, 1,000 General, 1,105 650 290 300 650 1,250 Hospit	Detroit Sewage Disposal System, (FGIC), Prerefunded to 7/1/11, 5.125%, 7/1/31 al Obligations 15.4% Battle Creek School District, (AGM), 5.00%, 5/1/37 Byron Center Public Schools, (AGM), 3.75%, 5/1/26 Byron Center Public Schools, (AGM), 4.00%, 5/1/28 Detroit School District, (AGM), 5.25%, 5/1/32 Detroit School District, (FGIC), 4.75%, 5/1/28 Van Dyke Public Schools, (AGM), 5.00%, 5/1/38 al 3.3% Royal Oak Hospital Finance Authority, (William Beaumont Hospital), (NPFG),	\$ \$ \$	1,016,440 1,016,440 1,072,734 562,829 251,398 285,690 599,963 1,198,837 3,971,451

Insured-Lease Revenue/Certificates of Participation 6.0%

	1,000 4,300	Michigan Building Authority, (AGM), (FGIC), 0.00%, 10/15/29 Michigan Building Authority, (FGIC), (NPFG), 0.00%, 10/15/30	\$ 314,860 1,232,208
			\$ 1,547,068
Insured-S	Special	Tax Revenue 3.3%	
\$	5,160	Puerto Rico Sales Tax Financing Corp., (AMBAC), 0.00%, 8/1/54	\$ 258,980
4	2,030	Puerto Rico Sales Tax Financing Corp., (NPFG), 0.00%, 8/1/44	216,459
4	2,430	Puerto Rico Sales Tax Financing Corp., (NPFG), 0.00%, 8/1/45	239,379
	1,470	Puerto Rico Sales Tax Financing Corp., (NPFG), 0.00%, 8/1/46	134,138
			\$ 848,956
Insured-S	Studen	t Loan 3.4%	
\$	1,000	Michigan Higher Education Student Loan Authority, (AMBAC), (AMT), 5.00%, 3/1/31	\$ 875,950
			\$ 875,950
Insured-	Гransp	portation 3.5%	
	1,000	Wayne County Airport Authority, (AGC), (AMT), 5.375%, 12/1/32	\$ 909,620
			\$ 909,620
Insured-	Water :	and Sewer 11.6%	
\$	560	Detroit Sewage Disposal System, (AGC), (FGIC), 5.00%, 7/1/36	\$ 494,771
	1,650	Detroit Water Supply System, (FGIC), (NPFG), 5.00%, 7/1/30	1,497,606
-	1,000	Grand Rapids Water Supply System, (AGC), 5.10%, 1/1/39	1,002,810
			\$ 2,995,187
		2	

Principal	
Amount	

(000 s				
omitted)		Security		Value
		Certificates of Participation 1.0%		
\$	250	Puerto Rico, (Guaynabo Municipal Government Center Lease), 5.625%, 7/1/22	\$	250,205
			\$	250,205
Other Re	evenue	1.3%		
\$	500	Michigan Tobacco Settlement Finance Authority, 6.00%, 6/1/48	\$	341,425
			\$	341,425
Special T	ov Do	venue 1.3%		
Special T	115		\$	112 402
\$		Guam, Limited Obligation Bonds, 5.625%, 12/1/29	Ф	113,482
	125	Guam, Limited Obligation Bonds, 5.75%, 12/1/34		122,139
	110	Virgin Islands Public Finance Authority, 6.75%, 10/1/37		111,175
			\$	346,796
Water an	ıd Sew	er 8.5%		
\$	790	Grand Rapids, (Sanitary Sewer System), 5.00%, 1/1/28	\$	809,442
т	600	Michigan Municipal Bond Authority, (Clean Water Revenue), 5.00%, 10/1/29	_	621,372
	500	Michigan Municipal Bond Authority, (Clean Water Revenue), 5.00%, 10/1/30		515,545
	250	Michigan Municipal Bond Authority, (Clean Water Revenue), 5.25%, 10/1/11 ⁽¹⁾		257,287
			\$	2,203,646
		npt Investments 162.4% \$44,710,959)	\$	41,855,920
Auction 1	Preferi	red Shares Plus Cumulative Unpaid Dividends (67.9)%	\$	(17,500,950)
Other As	sets, L	ess Liabilities 5.5%	\$	1,424,794
Net Asset	ts App	licable to Common Shares 100.0%	\$	25,779,764

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

- Assured Guaranty Corp. **AGC**

AGM - Assured Guaranty Municipal Corp.

AMBAC - AMBAC Financial Group, Inc.

AMT - Interest earned from these securities may be considered a tax preference item for purposes of the

Federal Alternative Minimum Tax.

FGIC - Financial Guaranty Insurance Company

NPFG - National Public Finance Guaranty Corp.

XLCA - XL Capital Assurance, Inc.

The Trust 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 February 28, 2011, 40.7% 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 0.9% to 14.9% of total investments.

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

A summary of open financial instruments at February 28, 2011 is as follows:

Futures Contracts

							Net
Expiration			A	ggregate		Uni	realized
Date	Contracts	Position		Cost	Value	Dep	reciation
6/11	1 U.S. 10-Year Treasury Note	Short	\$	(118,832)	\$ (119,046)	\$	(214)
6/11	6 U.S. 30-Year Treasury Bond	Short		(719,370)	(722,063)		(2,693)
						\$	(2,907)

Interest Rate Swaps

	Notional	Annual Fixed Rate Paid By	Floating Rate	Effective Date/	Net Unrealized		
Counterparty	Amount	Trust	Paid To Trust 3-month USD-	Termination Date May 18, 2011/	Dep	reciation	
Bank of America	\$ 400,000	4.524%	LIBOR-BBA	May 20, 2041	\$	(13,646)	

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

At February 28, 2011, the Trust had sufficient cash and/or securities to cover commitments under these contracts.

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

At February 28, 2011, 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 \$16,553.

The cost and unrealized appreciation (depreciation) of investments of the Trust at February 28, 2011, as determined on a federal income tax basis, were as follows:

Net unrealized depreciation	\$ (2,828,336)
Gross unrealized appreciation Gross unrealized depreciation	\$ 619,033 (3,447,369)
Aggregate cost	\$ 44,684,256

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 February 28, 2011, the hierarchy of inputs used in valuing the Trust s investments, which are carried at value, were as follows:

		Level					
Asset Description	Level 1	Level 2	3	Total			

Total	\$ (2,907)	\$ (13,646)	\$ \$	(16,553)
Futures Contracts Interest Rate Swaps	\$ (2,907)	\$ (13,646)	\$ \$	(2,907) (13,646)
Liability Description				
Total Investments	\$	\$ 41,855,920	\$ \$	41,855,920
Tax-Exempt Investments	\$	\$ 41,855,920	\$ \$	41,855,920

The Trust held no investments or other financial instruments as of November 30, 2010 whose fair value was determined using Level 3 inputs. At February 28, 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 additional information on the Trust s policy regarding the valuation of investments and other significant accounting policies, please refer to the Trust 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 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 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 Income Trust

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

Date: April 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: April 25, 2011

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

Date: April 25, 2011