EATON VANCE MUNICIPAL INCOME TRUST Form N-CSRS July 27, 2016

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED

MANAGEMENT INVESTMENT COMPANIES

Investment Company Act File Number: 811-09141

Eaton Vance 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)

November 30

Date of Fiscal Year End

May 31, 2016

Date of Reporting Period

Item 1. Reports to Stockholders

Municipal Income Trust (EVN)

Semiannual Report

May 31, 2016

Commodity Futures Trading Commission Registration. Effective December 31, 2012, the Commodity Futures Trading Commission (CFTC) adopted certain regulatory changes that subject registered investment companies and advisers to regulation by the CFTC if a fund invests more than a prescribed level of its assets in certain CFTC-regulated instruments (including futures, certain options and swap agreements) or markets itself as providing investment exposure to such instruments. The Fund has claimed an exclusion from the definition of the term—commodity pool operator—under the Commodity Exchange Act. Accordingly, neither the Fund nor the adviser with respect to the operation of the Fund is subject to CFTC regulation. Because of its management of other strategies, the Fund s adviser is registered with the CFTC as a commodity pool operator and a commodity trading advisor.

Fund shares are not insured by the FDIC and are not deposits or other obligations of, or guaranteed by, any depository institution. Shares are subject to investment risks, including possible loss of principal invested.

Semiannual Report May 31, 2016

Eaton Vance

Municipal Income Trust

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Municipal Income Trust

May 31, 2016

Performance^{1,2}

Portfolio Manager Cynthia J. Clemson

% Average Annual Total Returns	Inception Date	Six Months	One Year	Five Years	Ten Y	Years
Fund at NAV	01/29/1999	10.57%	16.34%	13.99%		6.83%
Fund at Market Price		10.13	15.74	11.28		6.88
Barclays Long (22+) Year Municipal Bond Index		5.35%	8.60%	7.51%		5.49%
% Premium/Discount to NAV ³						
" I Tellium/Discount to IVA V						+2.43%
						T2.43 /0
Distributions ⁴						
Total Distributions per share for the period					\$	0.408
Distribution Rate at NAV					Ψ	5.37
Taxable-Equivalent Distribution Rate at NAV						9.49
Distribution Rate at Market Price						5.24
Taxable-Equivalent Distribution Rate at Market Price						9.26
% Total Leverage ⁵						
Auction Preferred Shares (APS)						2.62%
Institutional MuniFund Preferred (iMTP) Shares						12.05
Residual Interest Bond (RIB) Financing						26.47
Fund Profile						

Credit Quality (% of total investments)^{6,7}

See Endnotes and Additional Disclosures in this report.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value (NAV) or market price (as applicable) with all distributions reinvested and include management fees and other expenses. Fund performance at market price will differ from its results at NAV due to factors such as changing perceptions about the Fund, market conditions, fluctuations in supply and demand for Fund shares, or changes in Fund distributions. Investment return and principal value will fluctuate so that shares, when sold, may be worth more or less than their original cost. Performance less than or equal to one year is cumulative. Performance is for the stated time period only; due to market volatility, current Fund performance may be lower or higher than the quoted return. For performance as of the most recent month-end, please refer to eatonvance.com.

Eaton Vance

Municipal Income Trust

May 31, 2016

Endnotes and Additional Disclosures

- ¹ Barclays Long (22+) Year Municipal Bond Index is an unmanaged index of municipal bonds traded in the U.S. with maturities of 22 years or more. Unless otherwise stated, index returns do not reflect the effect of any applicable sales charges, commissions, expenses, taxes or leverage, as applicable. It is not possible to invest directly in an index.
- ² Performance results reflect the effects of leverage. Performance since inception for an index, if presented, is the performance since the Fund s or oldest share class inception, as applicable. Included in the average annual total return at NAV is the impact of the tender and repurchase of a portion of the Fund s APS at 94.5% of its APS per share liquidation preference. Had this transaction not occurred, the total return at NAV would be lower.
- ³ The shares of the Fund often trade at a discount or premium from their net asset value. The discount or premium of the Fund may vary over time and may be higher or lower than what is quoted in this report. For up-to-date premium/discount information, please refer to http://eatonvance.com/closedend.
- ⁴ The Distribution Rate is based on the Fund s last regular distribution per share in the period (annualized) divided by the Fund s NAV or market price at the end of the period. The Fund s distributions may be comprised of amounts characterized for federal income tax purposes as tax-exempt income, qualified and non-qualified ordinary dividends, capital gains and nondividend distributions, also known as return of capital. For additional information about nondividend distributions, please refer to Eaton Vance Closed-End Fund Distribution Notices (19a) posted on our website, eatonvance.com. The Fund will determine the federal income tax character of distributions paid to a shareholder after the end of the calendar year. This is reported on the IRS form 1099-DIV and provided to the shareholder shortly after each year- end. For information about the tax character of distributions made in prior calendar years, please refer to Performance-Tax Character of Distributions on the Fund s webpage available at eatonvance. com. The Fund s distributions are determined by the investment adviser based on its current assessment of the Fund s long-term return potential. Fund distributions may be affected by numerous factors including changes in Fund performance, the cost of financing for leverage, portfolio holdings, realized and projected returns, and other factors. As portfolio and market conditions change, the rate of distributions paid by the Fund could change. Taxable-equivalent performance is based on the highest combined federal and state income tax rates, as applicable. Lower tax rates would result in lower tax-equivalent performance. Actual tax rate(s) will vary depending on your income, exemptions and deductions. Rates do not include local taxes.
- Fund employs RIB financing and/or APS and iMTP Shares leverage. The leverage created by RIB investments, APS and iMTP Shares provides an opportunity for increased income but, at the same time, creates special risks (including the likelihood of greater price volatility). The cost of leverage rises and falls with changes in short- term interest rates. See Floating Rate Notes Issued in Conjunction with Securities Held in the notes to the financial statements for more information about RIB financing. RIB leverage represents the amount of Floating Rate Notes outstanding at period end as a percentage of Fund net assets applicable to common shares plus APS, iMTP Shares and Floating Rate Notes. APS leverage represents the liquidation value of the Fund s iMTP Shares outstanding at period end as a percentage of Fund net assets applicable to common shares plus APS, iMTP Shares and Floating Rate Notes. The Fund may be required to maintain prescribed asset coverage for its leverage and may be required to reduce its leverage at an inopportune time.
- 6 Ratings are based on Moody s, S&P or Fitch, as applicable. If securities are rated differently by the ratings agencies, the higher rating is applied. Ratings, which are subject to change, apply to the creditworthiness of the issuers of the underlying securities and not to the Fund or its shares. Credit ratings measure the quality of a bond based on the issuer s creditworthiness, with ratings ranging from AAA, being the highest, to D, being the lowest based on S&P s measures. Ratings of BBB or higher by S&P or Fitch (Baa or higher by Moody s) are considered to be investment- grade quality. Credit ratings are based largely on the ratings agency s analysis at the time of rating. The rating assigned to any particular security is not necessarily a reflection of the issuer s current financial condition and does not necessarily reflect its assessment of the volatility of a security s market value or of the liquidity of an investment in the security. Holdings designated as Not Rated are not rated by the national ratings agencies stated above.

⁷ The chart includes the municipal bonds held by a trust that issues residual interest bonds, consistent with the Portfolio of Investments.

Fund profile subject to change due to active management.

Municipal Income Trust

May 31, 2016

Portfolio of Investments (Unaudited)

Tax-Exempt Municipal Securities 163.8%

Security	(000	Principal Amount s omitted)		Value
Cogeneration 0.0%) Northampton County Industrial Development Authority, PA, (Northampton Generating), 5.00%, 12/31/23 ⁽²⁾	\$	252	\$	111,874
			\$	111,874
Education 7.9% Massachusetts Development Finance Agency, (Boston University), 6.00%, 5/15/59 Massachusetts Health and Educational Facilities Authority, (Harvard University), 5.00%, 10/1/38 ⁽³⁾ New York Dormitory Authority, (Cornell University), 5.00%, 7/1/39 ⁽³⁾ New York Dormitory Authority, (The New School), 5.75%, 7/1/50	\$	5,580 2,490 10,500 4,000	1	7,381,391 2,634,047 1,753,385 4,584,440
			\$ 20	6,353,263
Electric Utilities 4.3% Apache County Industrial Development Authority, AZ, (Tucson Electric Power Co.), 4.50%, 3/1/30 Hawaii Department of Budget and Finance, (Hawaiian Electric Co.), 6.50%, 7/1/39 Indiana Financing Authority, (Duke Energy Indiana, Inc.), 6.00%, 8/1/39 South Carolina Public Service Authority, 5.50%, 12/1/54	\$	1,685 2,540 1,000 7,000		1,876,332 2,891,028 1,107,170 8,291,150 4,165,680
Escrowed / Prerefunded 1.1% Onondaga Civic Development Corp., NY, (St. Joseph s Hospital Health Center), Prerefunded to 7/1/22, 5.00%, 7/1/42 St. Paul, Housing and Redevelopment Authority, MN, (HealthPartners Obligated Group), Prerefunded to 11/15/16, 5.25%, 5/15/36	\$	1,675 1,500		2,031,457 1,532,265 3,563,722
General Obligations 14.0% Frisco, Independent School District, TX, (PSF Guaranteed), 5.00%, 8/15/37 ⁽³⁾ Illinois, 5.00%, 5/1/33 Klein, Independent School District, TX, (PSF Guaranteed), 5.00%, 2/1/36 ⁽³⁾ Leander, Independent School District, TX, (PSF Guaranteed), 0.00%, 8/15/39 New York, 5.00%, 2/15/34 ⁽³⁾ Security	\$	9,000 5,000 3,250 17,900 2,500		0,463,850 5,417,400 3,740,685 7,156,599 2,914,625 Value

	Principal Amount s omitted)	
General Obligations (continued) Port of Houston Authority of Harris County, TX, (AMT), 5.625%, 10/1/38 ⁽³⁾ Wylie Independent School District, TX, (PSF Guaranteed), 0.00%, 8/15/36 Wylie Independent School District, TX, (PSF Guaranteed), 0.00%, 8/15/37 Wylie Independent School District, TX, (PSF Guaranteed), 0.00%, 8/15/38 Wylie Independent School District, TX, (PSF Guaranteed), 0.00%, 8/15/39	\$ 2,340 7,980 7,500 8,500 6,035	\$ 2,566,980 4,015,297 3,605,025 3,864,950 2,618,888
		\$ 46,364,299
California Health Facilities Financing Authority, (Providence Health System), 5.50%, 10/1/39 ⁽³⁾⁽⁴⁾ California Health Facilities Financing Authority, (St. Joseph Health System), 5.00%, 7/1/37 California Health Facilities Financing Authority, (Sutter Health Obligation Group), 5.00%, 8/15/52 ⁽³⁾⁽⁴⁾ California Statewide Communities Development Authority, (John Muir Health), 5.00%, 8/15/34 Camden County Improvement Authority, NJ, (Cooper Health System), 5.75%, 2/15/42 Hawaii Department of Budget and Finance, (Hawaii Pacific Health Obligated Group), 5.50%, 7/1/40 Illinois Finance Authority, (Provena Healthcare), 7.75%, 8/15/34 Massachusetts Development Finance Agency, (Children s Hospital), 5.00%, 10/1/46 ⁽³⁾⁽⁴⁾ Massachusetts Development Finance Agency, (Tufts Medical Center), 6.75%, 1/1/36 Monroe County Hospital Authority, PA, (Pocono Medical Center), 5.25%, 1/1/43 New York Dormitory Authority, (Orange Regional Medical Center), 6.125%, 12/1/29 New York Dormitory Authority, (Orange Regional Medical Center), 6.25%, 12/1/37 North Carolina Medical Care Commission, (North Carolina Baptist Hospital), 5.25%, 6/1/29 ⁽³⁾⁽⁴⁾ South Lake County Hospital District EL (South Lake Hospital), 6.25%, 4/1/39	\$ 10,000 440 10,000 3,255 1,335 1,870 3,280 10,000 1,535 2,715 1,465 2,930 11,400	\$ 11,390,200 516,608 11,660,000 3,286,541 1,582,816 2,099,187 3,908,317 11,812,100 1,816,181 2,773,888 1,600,762 3,202,871 12,913,008 1,770,603
South Lake County Hospital District, FL, (South Lake Hospital), 6.25%, 4/1/39 Southeastern Ohio Port Authority, (Memorial Health System Obligated Group), 5.00%, 12/1/43 Southeastern Ohio Port Authority, (Memorial Health System Obligated Group), 5.50%, 12/1/43	1,570 785 670	1,770,693 824,352 746,923
West Virginia Hospital Finance Authority, (West Virginia United Health System Obligated Group), 5.375%, 6/1/38	1,000	1,170,620

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See Notes to Financial Statements.

\$ 73,075,067

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Portfolio of Investments (Unaudited) continued

Security	(000)	Principal Amount s omitted)		Value
Housing 1.8% Centerline Equity Issuer Trust, TN, 6.00%, 10/31/52 ⁽⁵⁾ New Hope Cultural Education Facilities Finance Corp., TX, (CHF-Collegiate Housing Stephenville III, LLC - Tarleton State University), 5.00%, 4/1/47 Texas Student Housing Corp., (University of Northern Texas), 6.75%, 7/1/16 Texas Student Housing Corp., (University of Northern Texas), 6.85%, 7/1/31	\$	4,000 555 755 180	\$	4,455,640 603,834 754,811 178,735
			\$	5,993,020
Industrial Development Revenue 5.9% Clayton County Development Authority, GA, (Delta Air Lines, Inc.), 8.75%, 6/1/29 Denver City and County, CO, (United Airlines), (AMT), 5.75%, 10/1/32 Essex County Improvement Authority, NJ, (Covanta), (AMT), 5.25%, 7/1/45 ⁽⁵⁾ Luzerne County Industrial Development Authority, PA, (Pennsylvania-American Water Co.), 5.50%, 12/1/39 Maine Finance Authority, (Casella Waste Systems, Inc.), (AMT), 5.125% to 8/1/25 (Put Date), 8/1/35 ⁽⁵⁾ Maine Finance Authority, (Casella Waste Systems, Inc.), (AMT), 6.25% to 2/1/17 (Put Date), 1/1/25 ⁽⁵⁾ New Jersey Economic Development Authority, (Continental Airlines), (AMT), 5.25%, 9/15/29 New Jersey Economic Development Authority, (Continental Airlines), Series 2000A, (AMT), 5.625%, 11/15/30 New Jersey Economic Development Authority, (Continental Airlines), Series 2000B, (AMT), 5.625%, 11/15/30	\$	400 1,370 4,390 1,600 1,075 1,660 4,680 1,005 1,715		493,092 1,436,034 4,494,306 1,806,224 1,238,228 1,703,509 5,204,955 1,158,142 1,976,332
			\$1	9,510,822
Insured Electric Utilities 0.6% Puerto Rico Electric Power Authority, (AGM), 0.939%, 7/1/29(6)	\$	3,000	\$	2,163,120