

Eaton Vance National Municipal Opportunities Trust
Form N-CSRS
November 27, 2018

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: 811-22269

Eaton Vance National Municipal Opportunities 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)

March 31

Date of Fiscal Year End

September 30, 2018

Date of Reporting Period

Item 1. Reports to Stockholders

Eaton Vance

National Municipal Opportunities Trust (EOT)

Semiannual Report

September 30, 2018

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 September 30, 2018

Eaton Vance

National Municipal Opportunities Trust

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Eaton Vance

National Municipal Opportunities Trust

September 30, 2018

Performance^{1,2}

Portfolio Manager Cynthia J. Clemson

% Average Annual Total Returns	Inception Date	Six Months	One Year	Five Years	Since Inception
Fund at NAV	05/29/2009	0.54%	0.71%	5.54%	6.65%
Fund at Market Price		6.63	0.08	8.21	6.97
Bloomberg Barclays Municipal Bond Index		0.72%	0.35%	3.54%	4.21%

% Premium/Discount to NAV³

	2.82%
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Distributions⁴

Total Distributions per share for the period	\$ 0.515
Distribution Rate at NAV	4.93%
Taxable-Equivalent Distribution Rate at NAV	8.33%
Distribution Rate at Market Price	4.79%
Taxable-Equivalent Distribution Rate at Market Price	8.09%

% Total Leverage⁵

Residual Interest Bond (RIB) Financing	8.25%
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Fund Profile

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

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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

National Municipal Opportunities Trust

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Endnotes and Additional Disclosures

- ¹ Bloomberg Barclays Municipal Bond Index is an unmanaged index of municipal bonds traded in the U.S. 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.
- 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. 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, where applicable. Lower tax rates would result in lower tax-equivalent performance. Actual tax rates will vary depending on your income, exemptions and deductions. Rates do not include local taxes.
- ⁵ Fund employs RIB financing. The leverage created by RIB investments provides an opportunity for increased income but, at the same time, creates special risks (including the likelihood of greater volatility of NAV). 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 plus Floating Rate Notes.
- ⁶ Ratings are based on Moody's Investors Service, Inc. (Moody's), S&P Global Ratings (S&P) or Fitch Ratings (Fitch), as applicable. If securities are rated differently by the ratings agencies, the highest 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 (if any) 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.

Eaton Vance

National Municipal Opportunities Trust

September 30, 2018

Portfolio of Investments (Unaudited)

Tax-Exempt Municipal Securities 105.1%

Security	Principal Amount (000 s omitted)	Value
Cogeneration 0.7%		
New York City Industrial Development Agency, NY, (Brooklyn Navy Yard Cogeneration Partners, L.P.), (AMT), 5.65%, 10/1/28	\$ 2,280	\$ 2,301,842
		\$ 2,301,842
Education 2.3%		
Capital Trust Agency, FL, (Florida Charter Educational Foundation, Inc.), 5.375%, 6/15/38 ⁽¹⁾⁽²⁾	\$ 210	\$ 210,061
Capital Trust Agency, FL, (Florida Charter Educational Foundation, Inc.), 5.375%, 6/15/48 ⁽¹⁾⁽²⁾	395	389,490
Jacksonville, FL, (Jacksonville University), 5.00%, 6/1/53 ⁽²⁾	1,000	1,036,390
New York Dormitory Authority, (Brooklyn Law School), 5.75%, 7/1/33	1,500	1,533,315
New York Dormitory Authority, (The New School), Prerefunded to 7/1/20, 5.75%, 7/1/50	3,000	3,195,330
Oregon Facilities Authority, (Lewis & Clark College), 5.625%, 10/1/36	750	818,182
		\$ 7,182,768
Electric Utilities 10.1%		
Apache County Industrial Development Authority, AZ, (Tucson Electric Power Co.), 4.50%, 3/1/30	\$ 340	\$ 359,598
Burke County Development Authority, GA, (Oglethorpe Power Corp.), 4.125%, 11/1/45	3,000	2,916,390
Chula Vista, CA, (San Diego Gas and Electric), 5.875%, 1/1/34	3,650	3,744,681
Chula Vista, CA, (San Diego Gas and Electric), 5.875%, 2/15/34	2,815	2,888,021
Hawaii Department of Budget and Finance, (Hawaiian Electric Co.), 6.50%, 7/1/39	4,540	4,682,329
Indiana Financing Authority, (Duke Energy Indiana, Inc.), 6.00%, 8/1/39	7,600	7,850,800
Matagorda County Navigation District No. 1, TX, (Central Power and Light Co.), 6.30%, 11/1/29	6,000	6,301,440
Pima County Industrial Development Authority, AZ, (Tucson Electric Power Co.), 4.00%, 9/1/29	715	743,135
Pima County Industrial Development Authority, AZ, (Tucson Electric Power Co.), 5.25%, 10/1/40	2,500	2,640,150
		\$ 32,126,544
Escrowed / Prerefunded 14.0%		
Atlanta, GA, Water and Wastewater Revenue, Prerefunded to 11/1/19, 6.25%, 11/1/34	\$ 3,000	\$ 3,138,540
Bexar County Health Facilities Development Corp., TX, (Army Retirement Residence Foundation), Prerefunded to 7/1/20, 6.20%, 7/1/45	2,000	2,137,380
		\$ 5,275,920
Security		
Escrowed / Prerefunded (continued)		
California, Prerefunded to 4/1/19, 6.00%, 4/1/38	\$ 2,035	\$ 2,078,854
California Health Facilities Financing Authority, (Catholic Healthcare West), Prerefunded to 7/1/19, 6.00%, 7/1/34	980	1,010,684
California Health Facilities Financing Authority, (Catholic Healthcare West), Prerefunded to 7/1/19, 6.00%, 7/1/39	1,000	1,031,310
Guam, Limited Obligation Bonds, Prerefunded to 12/1/19, 5.625%, 12/1/29	1,625	1,693,153
Illinois Finance Authority, (Provena Healthcare), Prerefunded to 8/15/19, 7.75%, 8/15/34	2,970	3,116,629
Illinois Finance Authority, (Rush University Medical Center), Prerefunded to 5/1/19, 6.625%, 11/1/39	2,300	2,361,732
Johnson City Health and Educational Facilities Board, TN, (Mountain States Health Alliance), Prerefunded to 7/1/20, 6.00%, 7/1/38	1,665	1,776,655
Kansas Development Finance Authority, (Adventist Health System), Prerefunded to 11/15/19, 5.75%, 11/15/38	130	135,131
Kansas Development Finance Authority, (Adventist Health System), Prerefunded to 11/15/19, 5.75%, 11/15/38	5,785	6,026,466

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Marco Island, FL, Utility System, Prerefunded to 10/1/20, 5.00%, 10/1/40	2,425	2,567,226
Maryland Health and Higher Educational Facilities Authority, (Charlestown Community, Inc.), Prerefunded to 1/1/21, 6.125%, 1/1/30	470	510,321
Metropolitan Transportation Authority, NY, Prerefunded to 11/15/21, 5.00%, 11/15/31	1,000	1,091,530
New Hampshire Health and Education Facilities Authority, (Dartmouth College), Prerefunded to 6/1/19, 5.25%, 6/1/39 ⁽³⁾	12,000	12,266,880
Onondaga Civic Development Corp., NY, (St. Joseph s Hospital Health Center), Prerefunded to 7/1/22, 5.00%, 7/1/42	2,425	2,683,529
Southwestern Illinois Development Authority, (Memorial Group, Inc.), Prerefunded to 11/1/23, 7.25%, 11/1/33	770	950,088
		\$ 44,576,108

General Obligations 4.9%

California, 6.00%, 4/1/38	\$ 3,715	\$ 3,789,634
Illinois, 4.25%, 12/1/37	6,000	5,741,520
Illinois, 5.00%, 5/1/36	3,500	3,588,865
Will County Community Unit School District No. 365-U, IL, (Valley View), 5.75%, 11/1/32	2,210	2,443,089
		\$ 15,563,108

Hospital 9.9%

California Health Facilities Financing Authority, (St. Joseph Health System), 5.00%, 7/1/37	\$ 165	\$ 180,794
Camden County Improvement Authority, NJ, (Cooper Health System), 5.75%, 2/15/42	665	716,444

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Portfolio of Investments (Unaudited) continued

Security	Principal Amount (000 s omitted)	Value
Hospital (continued)		
Harris County Cultural Education Facilities Finance Corp., TX, (Texas Children s Hospital), 5.50%, 10/1/39	\$ 12,300	\$ 12,659,898
Illinois Finance Authority, (Presence Health Network), 3.75%, 2/15/34	2,000	1,951,920
Illinois Finance Authority, (Presence Health Network), 4.00%, 2/15/36	2,500	2,551,675
Illinois Finance Authority, (Rush University Medical Center), 4.00%, 11/15/39	1,000	977,620
Maricopa County Industrial Development Authority, AZ, (Catholic Healthcare West), 6.00%, 7/1/39	3,400	3,492,514
Massachusetts Health and Educational Facilities Authority, (Lowell General Hospital), 4.75%, 7/1/25	1,450	1,503,621
New York Dormitory Authority, (Orange Regional Medical Center), 5.00%, 12/1/35 ⁽²⁾	900	981,126
Oklahoma Development Finance Authority, (OU Medicine), 5.00%, 8/15/38	300	327,063
Oklahoma Development Finance Authority, (OU Medicine), 5.25%, 8/15/43	890	975,378
South Lake County Hospital District, FL, (South Lake Hospital), 6.25%, 4/1/39	1,365	1,386,935
Tarrant County Cultural Education Facilities Finance Corp., TX, (Cook Children s Medical Center), 5.25%, 12/1/39	3,500	3,859,905
		\$ 31,564,893
Housing 0.5%		
New Hope Cultural Education Facilities Finance Corp., TX, (CHF-Collegiate Housing Stephenville III, LLC - Tarleton State University), 5.00%, 4/1/47	\$ 445	\$ 467,383
New York City Housing Development Corp., NY, 3.85%, 11/1/42	1,000	972,400
		\$ 1,439,783
Industrial Development Revenue 10.8%		
Alabama Industrial Development Authority, (Pine City Fiber Co.), (AMT), 6.45%, 12/1/23	\$ 5,000	\$ 4,999,450
Campbell County, WY, (Basin Electric Power Cooperative), 5.75%, 7/15/39	3,000	3,080,280
Clayton County Development Authority, GA, (Delta Air Lines, Inc.), 8.75%, 6/1/29	3,420	3,750,714
Essex County Improvement Authority, NJ, (Covanta), (AMT), 5.25%, 7/1/45 ⁽²⁾	1,950	1,963,416
Maine Finance Authority, (Casella Waste Systems, Inc.), (AMT), 5.125% to 8/1/25 (Put Date), 8/1/35 ⁽²⁾	725	743,633
National Finance Authority, NH, (Covanta), 4.625%, 11/1/42 ⁽²⁾	1,415	1,413,925
National Finance Authority, NH, (Covanta), (AMT), 4.875%, 11/1/42 ⁽²⁾	1,555	1,557,830
	Principal Amount (000 s omitted)	Value
Security		
Industrial Development Revenue (continued)		
New Hampshire Business Finance Authority, (Casella Waste Systems, Inc.), (AMT), 4.00% to 10/1/19 (Put Date), 4/1/29 ⁽²⁾	\$ 1,500	\$ 1,505,235
New Jersey Economic Development Authority, (Continental Airlines), (AMT), 5.125%, 9/15/23	630	675,839
New Jersey Economic Development Authority, (Continental Airlines), (AMT), 5.25%, 9/15/29	1,900	2,052,836
New York Liberty Development Corp., (Goldman Sachs Group, Inc.), 5.25%, 10/1/35	2,560	3,115,520
Owen County, KY, (Kentucky-American Water Co., Inc.), 6.25%, 6/1/39	3,000	3,083,580
Phenix City Industrial Development Board, AL, (MeadWestvaco Coated Board), (AMT), 4.125%, 5/15/35	3,935	3,959,318
Rockdale County Development Authority, GA, (Pratt Paper, LLC), (AMT), 4.00%, 1/1/38 ⁽²⁾	455	451,956
Selma Industrial Development Board, AL, (International Paper Co.), 5.80%, 5/1/34	850	898,212
Vermont Economic Development Authority, (Casella Waste Systems, Inc.), (AMT), 4.625% to 4/3/28 (Put Date), 4/1/36 ⁽²⁾	145	143,299
Washington Economic Development Finance Authority, (Columbia Pulp I, LLC), (AMT), 7.50%, 1/1/32 ⁽²⁾	790	895,267
		\$ 34,290,310

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Insured General Obligations 1.0%

Atlantic City, NJ, (AGM), 4.00%, 3/1/42	\$	145		\$ 145,613
McHenry County Community Unit School District No. 12, IL, (AGM), 5.00%, 1/1/30		2,910		3,126,097
				\$ 3,271,710

Insured Special Tax Revenue 4.5%

Hesperia Public Financing Authority, CA, (Redevelopment and Housing Projects), (XLCA), 5.00%, 9/1/37	\$	295		\$ 295,271
Miami-Dade County, FL, Professional Sports Franchise Facilities, (AGC), 6.875%, (0.00% until 10/1/19), 10/1/34		4,000		5,059,720
Miami-Dade County, FL, Professional Sports Franchise Facilities, (AGC), 7.00%, (0.00% until 10/1/19), 10/1/39		6,000		7,533,780
Tolomato Community Development District, FL, (AGM), 3.75%, 5/1/39		735		699,456
Tolomato Community Development District, FL, (AGM), 3.75%, 5/1/40		865		820,703
				\$ 14,408,930

Insured Transportation 5.0%

Chicago, IL, (O Hare International Airport), (AGM), 5.50%, 1/1/43	\$	710		\$ 781,149
Clark County, NV, (Las Vegas-McCarran International Airport), (AGM), 5.25%, 7/1/39		2,885		2,994,371

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Portfolio of Investments (Unaudited) continued

Security	Principal Amount (000 s omitted)	Value
Insured Transportation (continued)		
New York Transportation Development Corp., (LaGuardia Airport Terminal B Redevelopment), (AGM), (AMT), 4.00%, 7/1/35	\$ 460	\$ 466,587
New York Transportation Development Corp., (LaGuardia Airport Terminal B Redevelopment), (AGM), (AMT), 4.00%, 7/1/37	1,295	1,306,862
New York Transportation Development Corp., (LaGuardia Airport Terminal B Redevelopment), (AGM), (AMT), 4.00%, 7/1/41	1,135	1,140,153
New York Transportation Development Corp., (LaGuardia Airport Terminal B Redevelopment), (AGM), (AMT), 4.00%, 1/1/51	720	719,964
North Carolina Turnpike Authority, (Triangle Expressway System), (AGC), 0.00%, 1/1/35	4,000	2,098,520
North Carolina Turnpike Authority, (Triangle Expressway System), (AGC), 0.00%, 1/1/36	13,000	6,477,510
		\$ 15,985,116
Lease Revenue / Certificates of Participation 1.6%		
New Jersey Health Care Facilities Financing Authority, (Hospital Asset Transformation Program), Prerefunded to 10/1/19, 5.75%, 10/1/31	\$ 5,000	\$ 5,181,200
		\$ 5,181,200
Other Revenue 0.6%		
Cleveland-Cuyahoga County Port Authority, OH, (Playhouse Square Foundation), 5.50%, 12/1/53	\$ 170	\$ 185,181
Kalispel Tribe of Indians, WA, 5.25%, 1/1/38 ⁽²⁾	390	402,363
Salt Verde Financial Corp., AZ, Senior Gas Revenue, 5.00%, 12/1/37	1,245	1,445,134
		\$ 2,032,678
Senior Living / Life Care 8.5%		
ABAG Finance Authority for Nonprofit Corporations, CA, (Episcopal Senior Communities), 6.00%, 7/1/31	\$ 1,295	\$ 1,404,855
Atlantic Beach, FL, (Fleet Landing), 5.00%, 11/15/37	3,405	3,591,696
Bexar County Health Facilities Development Corp., TX, (Army Retirement Residence Foundation), 5.00%, 7/15/37	850	910,401
Bexar County Health Facilities Development Corp., TX, (Army Retirement Residence Foundation), 5.00%, 7/15/42	600	639,642
District of Columbia, (Ingleside at Rock Creek), 3.875%, 7/1/24	355	355,032
District of Columbia, (Ingleside at Rock Creek), 5.00%, 7/1/32	175	184,888
Douglas County Hospital Authority No. 2, NE, (Immanuel Obligated Group), 5.50%, 1/1/30	465	481,540
Douglas County Hospital Authority No. 2, NE, (Immanuel Obligated Group), 5.625%, 1/1/40	925	955,840
	Principal Amount (000 s omitted)	Value
Security		
Senior Living / Life Care (continued)		
Harris County Cultural Education Facilities Finance Corp., TX, (Brazos Presbyterian Homes, Inc.), 5.75%, 1/1/28	\$ 165	\$ 179,863
Harris County Cultural Education Facilities Finance Corp., TX, (Brazos Presbyterian Homes, Inc.), 6.375%, 1/1/33	345	383,233
Hawaii Department of Budget and Finance, (Kahala Senior Living Community, Inc.), 5.125%, 11/15/32	300	327,684
Hawaii Department of Budget and Finance, (Kahala Senior Living Community, Inc.), 5.25%, 11/15/37	275	299,357
Iowa Finance Authority, (Lifespace Communities, Inc.), 4.125%, 5/15/38	1,500	1,419,645
Lee County Industrial Development Authority, FL, (Shell Point Village/Alliance Community), 6.125%, 11/15/26	500	555,480
Lee County Industrial Development Authority, FL, (Shell Point Village/Alliance Community), 6.50%, 11/15/31	1,600	1,779,648
Massachusetts Development Finance Agency, (NewBridge on the Charles, Inc.), 5.00%, 10/1/57 ⁽²⁾	1,340	1,407,335
Multnomah County Hospital Facilities Authority, OR, (Mirabella at South Waterfront), 5.00%, 10/1/24	835	906,459
New Hope Cultural Education Facilities Finance Corp., TX, (Longhorn Village), 5.00%, 1/1/31	1,235	1,291,798
New Hope Cultural Education Facilities Finance Corp., TX, (Longhorn Village), 5.00%, 1/1/32	1,295	1,349,986

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Palm Beach County Health Facilities Authority, FL, (Sinai Residences of Boca Raton), 7.25%, 6/1/39	550	622,655
Palm Beach County Health Facilities Authority, FL, (Sinai Residences of Boca Raton), 7.50%, 6/1/49	2,560	2,916,070
Public Finance Authority, WI, (Mary s Woods at Marylhurst), 5.25%, 5/15/37	630	682,378
Tempe Industrial Development Authority, AZ, (Friendship Village of Tempe), 6.00%, 12/1/32	255	270,700
Tempe Industrial Development Authority, AZ, (Friendship Village of Tempe), 6.25%, 12/1/42	735	781,621
Tempe Industrial Development Authority, AZ, (Mirabella at ASU), 6.00%, 10/1/37 ⁽²⁾	900	976,788
Tulsa County Industrial Authority, OK, (Montereau, Inc.), 5.25%, 11/15/37	1,000	1,095,090
Washington Housing Finance Commission, (Bayview Manor Homes), 5.00%, 7/1/51 ⁽²⁾	1,335	1,364,143
		\$ 27,133,827
Special Tax Revenue 2.0%		
New York Dormitory Authority, Personal Income Tax Revenue, 4.00%, 2/15/46	\$ 4,000	\$ 4,092,920
New York Dormitory Authority, Personal Income Tax Revenue, 5.00%, 2/15/45	2,000	2,189,000
		\$ 6,281,920

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Portfolio of Investments (Unaudited) continued

Security	Principal Amount (000 s omitted)	Value
Student Loan 1.1%		
Massachusetts Educational Financing Authority, 6.00%, 1/1/28	\$ 1,825	\$ 1,876,483
New Jersey Higher Education Student Assistance Authority, (AMT), 4.75%, 12/1/43	1,445	1,495,084
		\$ 3,371,567
Transportation 21.3%		
Central Texas Regional Mobility Authority, 5.00%, 1/1/45	\$ 750	\$ 815,167
Central Texas Regional Mobility Authority, Prerefunded to 1/1/21, 5.75%, 1/1/31	325	350,223
Central Texas Regional Mobility Authority, Prerefunded to 1/1/21, 6.00%, 1/1/41	35	37,907
Chicago, IL, (O Hare International Airport), 5.00%, 1/1/33	1,500	1,639,275
Chicago, IL, (O Hare International Airport), 5.00%, 1/1/38	1,630	1,800,074
Chicago, IL, (O Hare International Airport), (AMT), 5.00%, 1/1/25	1,345	1,462,661
Chicago, IL, (O Hare International Airport), (AMT), 5.00%, 1/1/26	1,140	1,235,920
Dallas and Fort Worth, TX, (Dallas/Fort Worth International Airport), 5.25%, 11/1/30	1,125	1,255,219
Dallas and Fort Worth, TX, (Dallas/Fort Worth International Airport), 5.25%, 11/1/31	1,735	1,933,224
Dallas and Fort Worth, TX, (Dallas/Fort Worth International Airport), (AMT), 5.00%, 11/1/38	5,225	5,456,729
Grand Parkway Transportation Corp., TX, 5.125%, 10/1/43	875	949,270
Hawaii, Airports System Revenue, (AMT), 5.00%, 7/1/41	1,065	1,164,897
Houston, TX, (United Airlines, Inc.), (AMT), 5.00%, 7/1/29	2,060	2,212,831
Memphis-Shelby County Airport Authority, TN, (AMT), 5.00%, 7/1/37	2,295	2,547,083
Memphis-Shelby County Airport Authority, TN, (AMT), 5.00%, 7/1/38	1,490	1,651,084
Memphis-Shelby County Airport Authority, TN, (AMT), 5.75%, 7/1/24	350	369,870
Miami-Dade County, FL, (Miami International Airport), 5.00%, 10/1/41	1,360	1,427,470
New Jersey Economic Development Authority, (The Goethals Bridge Replacement), (AMT), 5.125%, 1/1/34	1,250	1,344,050
New Jersey Transportation Trust Fund Authority, (Transportation System), 0.00%, 12/15/38	20,000	7,595,800
New Orleans Aviation Board, LA, (AMT), 5.00%, 1/1/48	750	812,063
New York Transportation Development Corp., (Delta Air Lines, Inc. - LaGuardia Airport Terminals C & D Redevelopment), (AMT), 4.00%, 1/1/36	3,440	3,422,869
New York Transportation Development Corp., (LaGuardia Airport Terminal B Redevelopment), (AMT), 5.00%, 7/1/46	2,115	2,231,388
North Texas Tollway Authority, Prerefunded to 9/1/21, 5.50%, 9/1/41 ⁽³⁾	2,660	2,907,167
	Principal Amount (000 s omitted)	Value
Security		
Transportation (continued)		
Orlando-Orange County Expressway Authority, FL, Prerefunded to 7/1/20, 5.00%, 7/1/35	\$ 155	\$ 162,748
Orlando-Orange County Expressway Authority, FL, Prerefunded to 7/1/20, 5.00%, 7/1/35	595	624,744
San Joaquin Hills Transportation Corridor Agency, CA, 5.00%, 1/15/50	6,400	6,896,000
St. Louis, MO, (Lambert-St. Louis International Airport), 6.625%, 7/1/34	5,000	5,160,600
Texas Private Activity Bond Surface Transportation Corp., (LBJ Express Managed Lanes Project), 7.00%, 6/30/34	2,625	2,819,670
Texas Private Activity Bond Surface Transportation Corp., (North Tarrant Express Managed Lanes Project), 6.875%, 12/31/39	1,520	1,599,344
Texas Transportation Commission, (Central Texas Turnpike System), 5.00%, 8/15/37	3,500	3,743,635
Texas Transportation Commission, (Central Texas Turnpike System), 5.00%, 8/15/42	445	473,800
Virginia Small Business Financing Authority, (Transform 66 P3), (AMT), 5.00%, 12/31/49	1,500	1,606,245
		\$ 67,709,027

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Water and Sewer 6.3%		
Detroit, MI, Sewage Disposal System, 5.00%, 7/1/32	\$ 1,450	\$ 1,550,934
Detroit, MI, Sewage Disposal System, 5.25%, 7/1/39	1,405	1,511,021
Detroit, MI, Water Supply System, 5.25%, 7/1/41	2,725	2,900,245
Michigan Finance Authority, (Detroit Water and Sewerage Department), 5.00%, 7/1/34	2,070	2,245,971
New York City Municipal Water Finance Authority, NY, (Water and Sewer System), 5.25%, 6/15/40 ⁽³⁾	11,700	11,964,537
		\$ 20,172,708

Total Tax-Exempt Municipal Securities 105.1%
 (identified cost \$311,188,302) **\$ 334,594,039**

Taxable Municipal Securities 2.8%

Security	Principal Amount (000 s omitted)	Value
General Obligations 1.1%		
Chicago, IL, 7.375%, 1/1/33	\$ 1,750	\$ 1,906,485
Chicago, IL, 7.781%, 1/1/35	1,400	1,574,804
		\$ 3,481,289

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National Municipal Opportunities Trust

September 30, 2018

Portfolio of Investments (Unaudited) continued

Security	Principal Amount (000 s omitted)	Value
Hospital 1.3%		
California Statewide Communities Development Authority, (Loma Linda University Medical Center), 6.00%, 12/1/24	\$ 4,000	\$ 4,185,880
		\$ 4,185,880
Senior Living / Life Care 0.4%		
St. Johns County Industrial Development Authority, FL, (Westminster St. Augustine), 5.50% to 8/1/24 (Put Date), 8/1/44	\$ 1,265	\$ 1,214,577
		\$ 1,214,577
Total Taxable Municipal Securities 2.8% (identified cost \$8,481,084)		
		\$ 8,881,746
Total Investments 107.9% (identified cost \$319,669,386)		
		\$ 343,475,785
Other Assets, Less Liabilities (7.9)%		
		\$ (25,029,317)
Net Assets 100.0%		
		\$ 318,446,468

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

At September 30, 2018, the concentration of the Trust's investments in the various states and territories, determined as a percentage of total investments, is as follows:

Texas	15.9%
New York	12.6%
Illinois	10.8%
Others, representing less than 10% individually	60.7%

The Trust invests primarily in debt securities issued by 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 September 30, 2018, 9.8% 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 or financial guaranty assurance agency ranged from 0.1% to 6.2% of total investments.

(1) When-issued security.

(2) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933, as amended. These securities may be sold in certain transactions in reliance on an exemption from registration (normally to qualified institutional buyers). At September 30, 2018, the aggregate value of these securities is \$16,124,635 or 5.1% of the Trust's net assets.

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⁽³⁾ Security represents the municipal bond held by a trust that issues residual interest bonds (see Note 1G).

Abbreviations:

AGC	Assured Guaranty Corp.
AGM	Assured Guaranty Municipal Corp.
AMT	Interest earned from these securities may be considered a tax preference item for purposes of the Federal Alternative Minimum Tax.
XLCA	XL Capital Assurance, Inc.

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National Municipal Opportunities Trust

September 30, 2018

Statement of Assets and Liabilities (Unaudited)

Assets	September 30, 2018
Investments, at value (identified cost, \$319,669,386)	\$ 343,475,785
Interest receivable	5,053,599
Total assets	\$ 348,529,384
Liabilities	
Payable for floating rate notes issued	\$ 28,644,444
Payable for when-issued securities	597,128
Due to custodian	354,648
Payable to affiliate:	
Investment adviser and administration fee	171,944
Interest expense and fees payable	211,430
Accrued expenses	103,322
Total liabilities	\$ 30,082,916
Net Assets	\$ 318,446,468
Sources of Net Assets	
Common shares, \$0.01 par value, unlimited number of shares authorized	\$ 152,282
Additional paid-in capital	290,452,271
Distributable earnings	27,841,915
Net Assets	\$ 318,446,468
Common Shares Outstanding	15,228,218
Net Asset Value	
Net assets ÷ common shares issued and outstanding	\$ 20.91

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National Municipal Opportunities Trust

September 30, 2018

Statement of Operations (Unaudited)

	Six Months Ended September 30, 2018
Investment Income	
Interest	\$ 8,823,815
Total investment income	\$ 8,823,815
Expenses	
Investment adviser and administration fee	\$ 1,068,190
Trustees' fees and expenses	8,025
Custodian fee	45,570
Transfer and dividend disbursing agent fees	9,087
Legal and accounting services	33,923
Printing and postage	20,853
Interest expense and fees	346,278
Miscellaneous	23,996
Total expenses	\$ 1,555,922
Net investment income	\$ 7,267,893
Realized and Unrealized Gain (Loss)	
Net realized gain (loss)	
Investment transactions	\$ 947,570
Net realized gain	\$ 947,570
Change in unrealized appreciation (depreciation)	
Investments	\$ (6,553,404)
Net change in unrealized appreciation (depreciation)	\$ (6,553,404)
Net realized and unrealized loss	\$ (5,605,834)
Net increase in net assets from operations	\$ 1,662,059

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National Municipal Opportunities Trust

September 30, 2018

Statements of Changes in Net Assets

	Six Months Ended	Year Ended
	September 30, 2018	March 31, 2018
	(Unaudited)	
Increase (Decrease) in Net Assets		
From operations		
Net investment income	\$ 7,267,893	\$ 15,003,439
Net realized gain	947,570	1,494,493
Net change in unrealized appreciation (depreciation)	(6,553,404)	(4,799,572)
Net increase in net assets from operations	\$ 1,662,059	\$ 11,698,360
Distributions to shareholders	\$ (7,847,794)	\$ (17,543,499)⁽¹⁾
Capital share transactions		
Reinvestment of distributions	\$ 45,495	\$ 249,271
Net increase in net assets from capital share transactions	\$ 45,495	\$ 249,271
Net decrease in net assets	\$ (6,140,240)	\$ (5,595,868)
Net Assets		
At beginning of period	\$ 324,586,708	\$ 330,182,576
At end of period	\$ 318,446,468	\$ 324,586,708⁽²⁾

(1) For the year ended March 31, 2018, the source of distributions was as follows:

Net investment income \$(15,689,299)

Net realized capital gain \$(1,854,200)

(2) Includes accumulated undistributed net investment income of \$1,504,795 at March 31, 2018. The requirement to disclose the corresponding amount as of September 30, 2018 was eliminated.

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National Municipal Opportunities Trust

September 30, 2018

Financial Highlights

		Six Months Ended September 30, 2018 (Unaudited)		Year Ended March 31,			
		2018	2017	2016	2015	2014	
Net asset value	Beginning of period	\$ 21.320	\$ 21.700	\$ 22.890	\$ 23.050	\$ 21.510	\$ 22.700
Income (Loss) From Operations							
	Net investment income ⁽¹⁾	\$ 0.477	\$ 0.986	\$ 1.016	\$ 1.065	\$ 1.087	\$ 1.096
	Net realized and unrealized gain (loss)	(0.372)	(0.213)	(0.969)	(0.190)	1.479	(1.270)
	Total income (loss) from operations	\$ 0.105	\$ 0.773	\$ 0.047	\$ 0.875	\$ 2.566	\$ (0.174)
Less Distributions							
	From net investment income	\$ (0.515)	\$ (1.031)	\$ (1.030)	\$ (1.030)	\$ (1.030)	\$ (1.030)
	From net realized gain		(0.122)	(0.207)	(0.005)		
	Total distributions	\$ (0.515)	\$ (1.153)	\$ (1.237)	\$ (1.035)	\$ (1.030)	\$ (1.030)
	Anti-dilutive effect of share repurchase program (see Note 5)⁽¹⁾	\$	\$	\$	\$	\$ 0.004	\$ 0.014
Net asset value	End of period	\$ 20.910	\$ 21.320	\$ 21.700	\$ 22.890	\$ 23.050	\$ 21.510
Market value	End of period	\$ 21.500	\$ 20.670	\$ 21.520	\$ 22.310	\$ 21.200	\$ 19.390
	Total Investment Return on Net Asset Value⁽²⁾	0.54%⁽³⁾	3.59%	0.29%	4.27%	12.68%	(0.02)%
	Total Investment Return on Market Value⁽²⁾	6.63%⁽³⁾	1.27%	2.04%	10.50%	14.96%	(8.05)%
Ratios/Supplemental Data							
	Net assets, end of period (000 s omitted)	\$ 318,446	\$ 324,587	\$ 330,183	\$ 348,145	\$ 350,611	\$ 327,723
	Ratios (as a percentage of average daily net assets):						
	Expenses excluding interest and fees ⁽⁴⁾	0.75% ⁽⁵⁾	0.76%	0.75%	0.76%	0.77%	0.79%
	Interest and fee expense ⁽⁶⁾	0.21% ⁽⁵⁾	0.20%	0.16%	0.08%	0.09%	0.11%
	Total expenses ⁽⁴⁾	0.96% ⁽⁵⁾	0.96%	0.91%	0.84%	0.86%	0.90%
	Net investment income	4.49% ⁽⁵⁾	4.52%	4.50%	4.70%	4.83%	5.17%
	Portfolio Turnover	6% ⁽³⁾	17%	11%	6%	13%	12%

(1) Computed using average shares outstanding.

(2) Returns are historical and are calculated by determining the percentage change in net asset value or market value with all distributions reinvested. Distributions are assumed to be reinvested at prices obtained under the Trust's dividend reinvestment plan.

(3) Not annualized.

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- (4) Excludes the effect of custody fee credits, if any, of less than 0.005%. Effective September 1, 2015, custody fee credits, which were earned on cash deposit balances, were discontinued by the custodian.
- (5) Annualized.
- (6) Interest and fee expense relates to the liability for floating rate notes issued in conjunction with residual interest bond transactions (see Note 1G).

Eaton Vance

National Municipal Opportunities Trust

September 30, 2018

Notes to Financial Statements (Unaudited)

1 Significant Accounting Policies

Eaton Vance National Municipal Opportunities Trust (the Trust) is a Massachusetts business trust registered under the Investment Company Act of 1940, as amended (the 1940 Act), as a diversified, closed-end management investment company. The Trust's primary investment objective is to provide current income exempt from regular federal income tax. The Trust will, as a secondary investment objective, seek to achieve capital appreciation.

The following is a summary of significant accounting policies of the Trust. The policies are in conformity with accounting principles generally accepted in the United States of America (U.S. GAAP). The Trust is an investment company and follows accounting and reporting guidance in the Financial Accounting Standards Board (FASB) Accounting Standards Codification Topic 946.

A Investment Valuation The following methodologies are used to determine the market value or fair value of investments.

Debt Obligations. Debt obligations are generally valued on the basis of valuations provided by third party pricing services, as derived from such services' pricing models. Inputs to the models may include, but are not limited to, reported trades, executable bid and asked prices, broker/dealer quotations, prices or yields of securities with similar characteristics, interest rates, anticipated prepayments, benchmark curves or information pertaining to the issuer, as well as industry and economic events. The pricing services may use a matrix approach, which considers information regarding securities with similar characteristics to determine the valuation for a security. Short-term obligations purchased with a remaining maturity of sixty days or less for which a valuation from a third party pricing service is not readily available may be valued at amortized cost, which approximates fair value.

Fair Valuation. Investments for which valuations or market quotations are not readily available or are deemed unreliable are valued at fair value using methods determined in good faith by or at the direction of the Trustees of the Trust in a manner that fairly reflects the security's value, or the amount that the Trust might reasonably expect to receive for the security upon its current sale in the ordinary course. Each such determination is based on a consideration of relevant factors, which are likely to vary from one pricing context to another. These factors may include, but are not limited to, the type of security, the existence of any contractual restrictions on the security's disposition, the price and extent of public trading in similar securities of the issuer or of comparable entities, quotations or relevant information obtained from broker/dealers or other market participants, information obtained from the issuer, analysts, and/or the appropriate stock exchange (for exchange-traded securities), an analysis of the entity's financial condition, and an evaluation of the forces that influence the issuer and the market(s) in which the security is purchased and sold.

B Investment Transactions and Related Income Investment transactions for financial statement purposes are accounted for on a trade date basis. Realized gains and losses on investments sold are determined on the basis of identified cost. Interest income is recorded on the basis of interest accrued, adjusted for amortization of premium or accretion of discount.

C Federal Taxes The Trust's policy is to comply with the provisions of the Internal Revenue Code applicable to regulated investment companies and to distribute to shareholders each year substantially all of its taxable, if any, and tax-exempt net investment income, and all or substantially all of its net realized capital gains. Accordingly, no provision for federal income or excise tax is necessary. The Trust intends to satisfy conditions which will enable it to designate distributions from the interest income generated by its investments in non-taxable municipal securities, which are exempt from regular federal income tax when received by the Trust, as exempt-interest dividends. The portion of such interest, if any, earned on private activity bonds issued after August 7, 1986, may be considered a tax preference item to shareholders.

As of September 30, 2018, the Trust had no uncertain tax positions that would require financial statement recognition, de-recognition, or disclosure. The Trust files a U.S. federal income tax return annually after its fiscal year-end, which is subject to examination by the Internal Revenue Service for a period of three years from the date of filing.

D Legal Fees Legal fees and other related expenses incurred as part of negotiations of the terms and requirement of capital infusions, or that are expected to result in the restructuring of, or a plan of reorganization for, an investment are recorded as realized losses. Ongoing expenditures to protect or enhance an investment are treated as operating expenses.

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E Use of Estimates The preparation of the financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of income and expense during the reporting period. Actual results could differ from those estimates.

F Indemnifications Under the Trust's organizational documents, its officers and Trustees may be indemnified against certain liabilities and expenses arising out of the performance of their duties to the Trust. Under Massachusetts law, if certain conditions prevail, shareholders of a Massachusetts business trust (such as the Trust) could be deemed to have personal liability for the obligations of the Trust. However, the Trust's Declaration of Trust contains an express disclaimer of liability on the part of Trust shareholders and the By-laws provide that the Trust shall assume the defense on behalf of any Trust shareholders. Moreover, the By-laws also provide for indemnification out of Trust property of any shareholder held personally liable solely by reason of being or having been a shareholder for all loss or expense arising from such liability. Additionally, in the normal course of business, the Trust enters into agreements with service providers that may contain indemnification clauses. The Trust's maximum exposure under these arrangements is unknown as this would involve future claims that may be made against the Trust that have not yet occurred.

G Floating Rate Notes Issued in Conjunction with Securities Held The Trust may invest in residual interest bonds, also referred to as inverse floating rate securities, whereby the Trust may sell a variable or fixed rate bond for cash to a Special-Purpose Vehicle (the SPV), (which is generally organized as a

Eaton Vance

National Municipal Opportunities Trust

September 30, 2018

Notes to Financial Statements (Unaudited) continued

trust), while at the same time, buying a residual interest in the assets and cash flows of the SPV. The bond is deposited into the SPV with the same CUSIP number as the bond sold to the SPV by the Trust, and which may have been, but is not required to be, the bond purchased from the Trust (the Bond). The SPV also issues floating rate notes (Floating Rate Notes) which are sold to third-parties. The residual interest bond held by the Trust gives the Trust the right (1) to cause the holders of the Floating Rate Notes to generally tender their notes at par, and (2) to have the Bond held by the SPV transferred to the Trust, thereby terminating the SPV. Should the Trust exercise such right, it would generally pay the SPV the par amount due on the Floating Rate Notes and exchange the residual interest bond for the underlying Bond. Pursuant to generally accepted accounting principles for transfers and servicing of financial assets and extinguishment of liabilities, the Trust accounts for the transaction described above as a secured borrowing by including the Bond in its Portfolio of Investments and the Floating Rate Notes as a liability under the caption "Payable for floating rate notes issued" in its Statement of Assets and Liabilities. The Floating Rate Notes have interest rates that generally reset weekly and their holders have the option to tender their notes to the SPV for redemption at par at each reset date. Accordingly, the fair value of the payable for floating rate notes issued approximates its carrying value. If measured at fair value, the payable for floating rate notes would have been considered as Level 2 in the fair value hierarchy (see Note 7) at September 30, 2018. Interest expense related to the Trust's liability with respect to Floating Rate Notes is recorded as incurred. The SPV may be terminated by the Trust, as noted above, or by the occurrence of certain termination events as defined in the trust agreement, such as a downgrade in the credit quality of the underlying Bond, bankruptcy of or payment failure by the issuer of the underlying Bond, the inability to remarket Floating Rate Notes that have been tendered due to insufficient buyers in the market, or the failure by the SPV to obtain renewal of the liquidity agreement under which liquidity support is provided for the Floating Rate Notes up to one year. At September 30, 2018, the amount of the Trust's Floating Rate Notes outstanding and the related collateral were \$28,644,444 and \$43,658,387, respectively. The range of interest rates on the Floating Rate Notes outstanding at September 30, 2018 was 1.56% to 1.58%. For the six months ended September 30, 2018, the Trust's average settled Floating Rate Notes outstanding and the average interest rate (annualized) including fees were \$31,700,656 and 2.18%, respectively.

In certain circumstances, the Trust may enter into shortfall and forbearance agreements with brokers by which the Trust agrees to reimburse the broker for the difference between the liquidation value of the Bond held by the SPV and the liquidation value of the Floating Rate Notes, as well as any shortfalls in interest cash flows. The Trust had no shortfalls as of September 30, 2018.

The Trust may also purchase residual interest bonds in a secondary market transaction without first owning the underlying bond. Such transactions are not required to be treated as secured borrowings. Shortfall agreements, if any, related to residual interest bonds purchased in a secondary market transaction are disclosed in the Portfolio of Investments.

The Trust's investment policies and restrictions expressly permit investments in residual interest bonds. Such bonds typically offer the potential for yields exceeding the yields available on fixed rate bonds with comparable credit quality and maturity. These securities tend to underperform the market for fixed rate bonds in a rising long-term interest rate environment, but tend to outperform the market for fixed rate bonds when long-term interest rates decline. The value and income of residual interest bonds are generally more volatile than that of a fixed rate bond. The Trust's investment policies do not allow the Trust to borrow money except as permitted by the 1940 Act. Management believes that the Trust's restrictions on borrowing money and issuing senior securities (other than as specifically permitted) do not apply to Floating Rate Notes issued by the SPV and included as a liability in the Trust's Statement of Assets and Liabilities. As secured indebtedness issued by an SPV, Floating Rate Notes are distinct from the borrowings and senior securities to which the Trust's restrictions apply. Residual interest bonds held by the Trust are securities exempt from registration under Rule 144A of the Securities Act of 1933.

H When-Issued Securities and Delayed Delivery Transactions The Trust may purchase or sell securities on a delayed delivery or when-issued basis. Payment and delivery may take place after the customary settlement period for that security. At the time the transaction is negotiated, the price of the security that will be delivered is fixed. The Trust maintains cash and/or security positions for these commitments such that sufficient liquid assets will be available to make payments upon settlement. Securities purchased on a delayed delivery or when-issued basis are marked-to-market daily and begin earning interest on settlement date. Losses may arise due to changes in the market value of the underlying securities or if the counterparty does not perform under the contract.

I Interim Financial Statements The interim financial statements relating to September 30, 2018 and for the six months then ended have not been audited by an independent registered public accounting firm, but in the opinion of the Trust's management, reflect all adjustments, consisting only of normal recurring adjustments, necessary for the fair presentation of the financial statements.

2 Distributions to Shareholders and Income Tax Information

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The Trust intends to make monthly distributions of net investment income to common shareholders. In addition, at least annually, the Trust intends to distribute all or substantially all of its net realized capital gains. Distributions are recorded on the ex-dividend date. Distributions to shareholders are determined in accordance with income tax regulations, which may differ from U.S. GAAP. As required by U.S. GAAP, only distributions in excess of tax basis earnings and profits are reported in the financial statements as a return of capital. Permanent differences between book and tax accounting relating to distributions are reclassified to paid-in capital. For tax purposes, distributions from short-term capital gains are considered to be from ordinary income.

At March 31, 2018, the Trust had a net capital loss of \$124,911 attributable to security transactions incurred after October 31, 2017 that it has elected to defer. This net capital loss is treated as arising on the first day of the Trust's taxable year ending March 31, 2019.

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Notes to Financial Statements (Unaudited) continued

The cost and unrealized appreciation (depreciation) of investments of the Trust at September 30, 2018, as determined on a federal income tax basis, were as follows:

Aggregate cost	\$ 289,803,183
Gross unrealized appreciation	\$ 25,721,010
Gross unrealized depreciation	(692,852)
Net unrealized appreciation	\$ 25,028,158

3 Investment Adviser and Administration Fee and Other Transactions with Affiliates

The investment adviser and administration fee is earned by Eaton Vance Management (EVM) as compensation for investment advisory and administrative services rendered to the Trust. The fee is computed at an annual rate of 0.60% of the Trust's average daily gross assets up to \$1.5 billion and 0.59% of average daily gross assets of \$1.5 billion or more, and is payable monthly. Average daily gross assets include the principal amount of any indebtedness for money borrowed, including debt securities issued by the Trust. Average daily gross assets are calculated by adding to net assets the amount payable by the Trust to floating rate note holders. For the six months ended September 30, 2018, the investment adviser and administration fee incurred by the Trust and the effective annual rate, as a percentage of average daily gross assets, were \$1,068,190 and 0.60%, respectively.

Trustees and officers of the Trust who are members of EVM's organization receive remuneration for their services to the Trust out of the investment adviser and administration fee. Trustees of the Trust who are not affiliated with the investment adviser may elect to defer receipt of all or a percentage of their annual fees in accordance with the terms of the Trustees Deferred Compensation Plan. For the six months ended September 30, 2018, no significant amounts have been deferred. Certain officers and Trustees of the Trust are officers of EVM.

4 Purchases and Sales of Investments

Purchases and sales of investments, other than short-term obligations, aggregated \$21,336,882 and \$29,242,679, respectively, for the six months ended September 30, 2018.

5 Common Shares of Beneficial Interest

The Trust may issue common shares pursuant to its dividend reinvestment plan. Common shares issued by the Trust pursuant to its dividend reinvestment plan for the six months ended September 30, 2018 and the year ended March 31, 2018 were 2,149 and 11,346, respectively.

On November 11, 2013, the Board of Trustees of the Trust authorized the repurchase by the Trust of up to 10% of its then currently outstanding common shares in open-market transactions at a discount to net asset value (NAV). The repurchase program does not obligate the Trust to purchase a specific amount of shares. There were no repurchases of common shares by the Trust for the six months ended September 30, 2018 and the year ended March 31, 2018.

6 Overdraft Advances

Pursuant to the custodian agreement, SSBT may, in its discretion, advance funds to the Trust to make properly authorized payments. When such payments result in an overdraft, the Trust is obligated to repay SSBT at the current rate of interest charged by SSBT for secured loans (currently, the Federal Funds rate plus 2%). This obligation is payable on demand to SSBT. SSBT has a lien on the Trust's assets to the extent of any overdraft. At September 30, 2018, the Trust had a payment due to SSBT pursuant to the foregoing arrangement of \$354,648. Based on the short-term nature of these payments and the variable interest rate, the carrying value of the overdraft advances approximated its fair value at September 30, 2018. If measured at fair value, overdraft advances would have been

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considered as Level 2 in the fair value hierarchy (see Note 7) at September 30, 2018. The Trust's average overdraft advances during the six months ended September 30, 2018 were not significant.

7 Fair Value Measurements

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.)

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Notes to Financial Statements (Unaudited) continued

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 September 30, 2018, the hierarchy of inputs used in valuing the Trust's investments, which are carried at value, were as follows:

Asset Description	Level 1	Level 2	Level 3	Total
Tax-Exempt Municipal Securities	\$	\$ 334,594,039	\$	\$ 334,594,039
Taxable Municipal Securities		8,881,746		8,881,746
Total Investments	\$	\$ 343,475,785	\$	\$ 343,475,785

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Board of Trustees Contract Approval

Overview of the Contract Review Process

The Investment Company Act of 1940, as amended (the "1940 Act"), provides, in substance, that each investment advisory agreement between a fund and its investment adviser will continue in effect from year to year only if its continuation is approved at least annually by the fund's board of trustees, including by a vote of a majority of the trustees who are not interested persons of the fund (Independent Trustees), cast in person at a meeting called for the purpose of considering such approval.

At a meeting of the Boards of Trustees (each a "Board") of the registered investment companies advised by either Eaton Vance Management or its affiliate, Boston Management and Research, (the "Eaton Vance Funds") held on April 24, 2018, the Board, including a majority of the Independent Trustees, voted to approve continuation of existing investment advisory and sub-advisory agreements for the Eaton Vance Funds for an additional one-year period. In voting its approval, the Board relied upon the affirmative recommendation of its Contract Review Committee, which is a committee comprised exclusively of Independent Trustees. Prior to making its recommendation, the Contract Review Committee reviewed information furnished by each adviser to the Eaton Vance Funds (including information specifically requested by the Board) for a series of meetings of the Contract Review Committee held between February and April 2018. The Contract Review Committee also considered information received at prior meetings of the Board and its committees, as relevant to its annual evaluation of the investment advisory and sub-advisory agreements.

The information that the Board considered included, among other things, the following (for funds that invest through one or more underlying portfolio(s), references to "each fund" in this section may include information that was considered at the portfolio-level):

Information about Fees, Performance and Expenses

A report from an independent data provider comparing the advisory and related fees paid by each fund with fees paid by comparable funds as identified by the independent data provider ("comparable funds");

A report from an independent data provider comparing each fund's total expense ratio and its components to comparable funds;

A report from an independent data provider comparing the investment performance of each fund (including, where relevant, yield data, Sharpe ratios and information ratios) to the investment performance of comparable funds over various time periods;

Data regarding investment performance in comparison to benchmark indices, as well as customized groups of peer funds and blended indices identified by the adviser in consultation with the Board;

For each fund, comparative information concerning the fees charged and the services provided by each adviser in managing other accounts (including mutual funds, other collective investment funds and institutional accounts) using investment strategies and techniques similar to those used in managing such fund;

Profitability analyses for each adviser with respect to each fund;

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Information about Portfolio Management and Trading

Descriptions of the investment management services provided to each fund, including the fund's investment strategies and policies;

The procedures and processes used to determine the fair value of fund assets and actions taken to monitor and test the effectiveness of such procedures and processes;

Information about each adviser's policies and practices with respect to trading, including each adviser's processes for monitoring best execution of portfolio transactions;

Information about the allocation of brokerage transactions and the benefits received by each adviser as a result of brokerage allocation, including information concerning the acquisition of research through client commission arrangements and policies with respect to soft dollars ;

Data relating to portfolio turnover rates of each fund;

Information about each Adviser

Reports detailing the financial results and condition of each adviser;

Descriptions of the qualifications, education and experience of the individual investment professionals whose responsibilities include portfolio management and investment research for the funds, and information relating to their responsibilities with respect to managing other mutual funds and investment accounts;

The Code of Ethics of each adviser and its affiliates, together with information relating to compliance with and the administration of such codes;

Policies and procedures relating to proxy voting and the handling of corporate actions and class actions;

Information concerning the resources devoted to compliance efforts undertaken by each adviser and its affiliates (including descriptions of various compliance programs) and their record of compliance;

Information concerning the business continuity and disaster recovery plans of each adviser and its affiliates;

A description of Eaton Vance Management's procedures for overseeing third party advisers and sub-advisers, including with respect to regulatory and compliance issues, investment management and other matters;

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[Board of Trustees](#) [Contract Approval](#) [continued](#)

Other Relevant Information

Information concerning the nature, cost and character of the administrative and other non-investment advisory services provided by Eaton Vance Management and its affiliates;

Information concerning management of the relationship with the custodian, subcustodians and fund accountants by each adviser or the funds' administrator; and

The terms of each investment advisory agreement.

Over the course of the twelve-month period ended April 30, 2018, with respect to one or more funds, the Board met seven times and the Contract Review Committee, the Audit Committee, the Governance Committee, the Portfolio Management Committee and the Compliance Reports and Regulatory Matters Committee, each of which is a Committee comprised solely of Independent Trustees, met seven, thirteen, six, eight and nine times, respectively. At such meetings, the Trustees participated in investment and performance reviews with the portfolio managers and other investment professionals of each investment adviser relating to each fund, and considered various investment and trading strategies used in pursuing each fund's investment objective, such as the use of derivative instruments, as well as risk management techniques. The Board and its Committees also evaluated issues pertaining to industry and regulatory developments, compliance procedures, fund governance and other issues with respect to the funds, and received and participated in reports and presentations provided by Eaton Vance Management and other fund advisers with respect to such matters. In addition to the formal meetings of the Board and its Committees, the Independent Trustees hold regular teleconferences in between meetings to discuss, among other topics, matters relating to the continuation of investment advisory and sub-advisory agreements.

For funds that invest through one or more underlying portfolios, the Board considered similar information about the portfolio(s) when considering the approval of investment advisory agreements. In addition, in cases where the fund's investment adviser has engaged a sub-adviser, the Board considered similar information about the sub-adviser when considering the approval of any sub-advisory agreement.

The Contract Review Committee was assisted throughout the contract review process by Goodwin Procter LLP, independent legal counsel for the Independent Trustees. The members of the Contract Review Committee relied upon the advice of such counsel and their own business judgment in determining the material factors to be considered in evaluating each investment advisory and sub-advisory agreement and the weight to be given to each such factor. The conclusions reached with respect to each investment advisory and sub-advisory agreement were based on a comprehensive evaluation of all the information provided and not any single factor. Moreover, each member of the Contract Review Committee may have placed varying emphasis on particular factors in reaching conclusions with respect to each investment advisory and sub-advisory agreement. In evaluating each investment advisory and sub-advisory agreement, including the specific fee structures and other terms of the agreements, the Contract Review Committee was informed by multiple years of analysis and discussion among the Independent Trustees and the Eaton Vance Funds' advisers and sub-advisers.

[Results of the Process](#)

Based on its consideration of the foregoing, and such other information as it deemed relevant, including the factors and conclusions described below, the Contract Review Committee concluded that the continuation of the investment advisory and administrative agreement of Eaton Vance National Municipal Opportunities Trust (the Fund) with Eaton Vance Management (the Adviser), including its fee structure, is in the interests of shareholders and, therefore, the Contract Review Committee recommended to the Board approval of the agreement. The Board accepted the recommendation of the Contract Review Committee based on the material factors considered and conclusions reached by the Contract Review Committee with respect to the agreement. Accordingly, the Board, including a majority of the Independent Trustees, voted to approve continuation of the investment advisory and administrative agreement for the Fund.

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Nature, Extent and Quality of Services

In considering whether to approve the investment advisory and administrative agreement of the Fund, the Board evaluated the nature, extent and quality of services provided to the Fund by the Adviser.

The Board considered the Adviser's management capabilities and investment process with respect to the types of investments held by the Fund, including the education, experience and number of its investment professionals and other personnel who provide portfolio management, investment research, and similar services to the Fund. In particular, the Board considered, where relevant, the abilities and experience of the Adviser's investment professionals in analyzing factors such as credit risk, tax efficiency and special considerations relevant to investing in municipal obligations, Treasury securities and other securities backed by the U.S. government or its agencies. The Board considered the Adviser's municipal bond team, which includes investment professionals and credit specialists who provide services to the Fund. The Board also took into account the resources dedicated to portfolio management and other services, as well as the compensation methods of the Adviser and other factors, such as the reputation and resources of the Adviser to recruit and retain highly qualified research, advisory and supervisory investment professionals. In addition, the Board considered the time and attention devoted to the Eaton Vance Funds, including the Fund, by senior management, as well as the infrastructure, operational capabilities and support staff in place to assist in the portfolio management and operations of the Fund, including the provision of administrative services. The Board also considered the business-related and other risks to which the Adviser or its affiliates may be subject in managing the Fund.

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Board of Trustees Contract Approval continued

The Board considered the compliance programs of the Adviser and relevant affiliates thereof. Among other matters, the Board considered compliance and reporting matters relating to personal trading by investment professionals, selective disclosure of portfolio holdings, late trading, frequent trading, portfolio valuation, business continuity and the allocation of investment opportunities. The Board also considered the responses of the Adviser and its affiliates to requests in recent years from regulatory authorities such as the Securities and Exchange Commission and the Financial Industry Regulatory Authority.

The Board considered shareholder and other administrative services provided or managed by Eaton Vance Management and its affiliates, including transfer agency and accounting services. The Board evaluated the benefits to shareholders of investing in a fund that is a part of a large fund complex offering exposure to a variety of asset classes and investment disciplines.

After consideration of the foregoing factors, among others, the Board concluded that the nature, extent and quality of services provided by the Adviser, taken as a whole, are appropriate and consistent with the terms of the investment advisory and administrative agreement.

Fund Performance

The Board compared the Fund's investment performance to that of comparable funds and appropriate benchmark indices and assessed the Fund's performance on the basis of total return and current income return. The Board's review included comparative performance data for the one-, three- and five-year periods ended September 30, 2017 for the Fund. In this regard, the Board noted that the performance of the Fund was lower than the median performance of the Fund's peer group for the three-year period. The Board also noted that the performance of the Fund was higher than its benchmark index for the three-year period. The Board considered, among other things, the Adviser's efforts to generate competitive levels of tax exempt current income over time. On the basis of the foregoing, the performance of the Fund over other periods, and other relevant information provided by the Adviser in response to inquiries from the Contract Review Committee, the Board concluded that the performance of the Fund was satisfactory.

Management Fees and Expenses

The Board considered contractual fee rates payable by the Fund for advisory and administrative services (referred to collectively as "management fees"). As part of its review, the Board considered the Fund's management fees and total expense ratio for the one year period ended September 30, 2017, as compared to those of comparable funds, before and after giving effect to any undertaking to waive fees or reimburse expenses. The Board also considered certain factors identified by management in response to inquiries from the Contract Review Committee regarding the Fund's expense ratio relative to comparable funds.

After considering the foregoing information, and in light of the nature, extent and quality of the services provided by the Adviser, the Board concluded that the management fees charged for advisory and related services are reasonable.

Profitability and Other Fall-Out Benefits

The Board considered the level of profits realized by the Adviser and relevant affiliates thereof in providing investment advisory and administrative services to the Fund and to all Eaton Vance Funds as a group. The Board considered the level of profits realized without regard to marketing support or other payments by the Adviser and its affiliates to third parties in respect of distribution services. The Board also considered other direct or indirect fall-out benefits received by the Adviser and its affiliates in connection with their relationships with the Fund, including the benefits of research services that may be available to the Adviser as a result of securities transactions effected for the Fund and other investment advisory clients.

The Board concluded that, in light of the foregoing factors and the nature, extent and quality of the services rendered, the profits realized by the Adviser and its affiliates are deemed not to be excessive.

Economies of Scale

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In reviewing management fees and profitability, the Board also considered the extent to which the Adviser and its affiliates, on the one hand, and the Fund, on the other hand, can expect to realize benefits from economies of scale as the assets of the Fund increase. The Board acknowledged the difficulty in accurately measuring the benefits resulting from economies of scale, if any, with respect to the management of any specific fund or group of funds. The Board reviewed data summarizing the increases and decreases in the assets of the Fund and of all Eaton Vance Funds as a group over various time periods, and evaluated the extent to which the total expense ratio of the Fund and the profitability of the Adviser and its affiliates may have been affected by such increases or decreases. Based upon the foregoing, the Board concluded that the Fund currently shares in any benefits from economies of scale. The Board also concluded that, assuming reasonably foreseeable increases in the assets of the Fund, the structure of the advisory fee, which includes breakpoints at certain asset levels, will allow the Fund to continue to benefit from any economies of scale in the future.

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September 30, 2018

Officers and Trustees

Officers of Eaton Vance National Municipal Opportunities Trust

Payson F. Swaffield

President

Maureen A. Gemma

Vice President, Secretary and Chief Legal Officer

James F. Kirchner

Treasurer

Richard F. Froio

Chief Compliance Officer

Trustees of Eaton Vance National Municipal Opportunities Trust

William H. Park

Chairperson

Thomas E. Faust Jr.*

Mark R. Fetting

Cynthia E. Frost

George J. Gorman

Valerie A. Mosley

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Helen Frame Peters

Keith Quinton⁽¹⁾

Marcus L. Smith⁽¹⁾

Susan J. Sutherland

Harriett Tee Taggart

Scott E. Wennerholm

* Interested Trustee

⁽¹⁾ Messrs. Quinton and Smith began serving as Trustees effective October 1, 2018.

Eaton Vance Funds

IMPORTANT NOTICES

Privacy. The Eaton Vance organization is committed to ensuring your financial privacy. Each of the financial institutions identified below has in effect the following policy (Privacy Policy) with respect to nonpublic personal information about its customers:

Only such information received from you, through application forms or otherwise, and information about your Eaton Vance fund transactions will be collected. This may include information such as name, address, social security number, tax status, account balances and transactions.

None of such information about you (or former customers) will be disclosed to anyone, except as permitted by law (which includes disclosure to employees necessary to service your account). In the normal course of servicing a customer's account, Eaton Vance may share information with unaffiliated third parties that perform various required services such as transfer agents, custodians and broker-dealers.

Policies and procedures (including physical, electronic and procedural safeguards) are in place that are designed to protect the confidentiality of such information.

We reserve the right to change our Privacy Policy at any time upon proper notification to you. Customers may want to review our Privacy Policy periodically for changes by accessing the link on our homepage: www.eatonvance.com.

Our pledge of privacy applies to the following entities within the Eaton Vance organization: the Eaton Vance Family of Funds, Eaton Vance Management, Eaton Vance Investment Counsel, Eaton Vance Distributors, Inc., Eaton Vance Trust Company, Eaton Vance Management (International) Limited, Eaton Vance Advisers International Ltd., Eaton Vance Management's Real Estate Investment Group and Boston Management and Research. In addition, our Privacy Policy applies only to those Eaton Vance customers who are individuals and who have a direct relationship with us. If a customer's account (i.e., fund shares) is held in the name of a third-party financial advisor/broker-dealer, it is likely that only such advisor's privacy policies apply to the customer. This notice supersedes all previously issued privacy disclosures. For more information about Eaton Vance's Privacy Policy, please call 1-800-262-1122.

Delivery of Shareholder Documents. The Securities and Exchange Commission (SEC) permits funds to deliver only one copy of shareholder documents, including prospectuses, proxy statements and shareholder reports, to fund investors with multiple accounts at the same residential or post office box address. This practice is often called "householding" and it helps eliminate duplicate mailings to shareholders. *American Stock Transfer & Trust Company, LLC (AST), the closed-end funds transfer agent, or your financial advisor, may household the mailing of your documents indefinitely unless you instruct AST, or your financial advisor, otherwise.* If you would prefer that your Eaton Vance documents not be householded, please contact AST or your financial advisor. Your instructions that householding not apply to delivery of your Eaton Vance documents will typically be effective within 30 days of receipt by AST or your financial advisor.

Portfolio Holdings. Each Eaton Vance Fund and its underlying Portfolio(s) (if applicable) will file a schedule of portfolio holdings on Form N-Q with the SEC for the first and third quarters of each fiscal year. The Form N-Q will be available on the Eaton Vance website at www.eatonvance.com, by calling Eaton Vance at 1-800-262-1122 or in the EDGAR database on the SEC's website at www.sec.gov. Form N-Q may also be reviewed and copied at the SEC's public reference room in Washington, D.C. (call 1-800-732-0330 for information on the operation of the public reference room).

Proxy Voting. From time to time, funds are required to vote proxies related to the securities held by the funds. The Eaton Vance Funds or their underlying Portfolios (if applicable) vote proxies according to a set of policies and procedures approved by the Funds' and Portfolios' Boards. You may obtain a description of these policies and procedures and information on how the Funds or Portfolios voted proxies relating to portfolio securities during the most recent 12-month period ended June 30, without charge, upon request, by calling 1-800-262-1122 and by accessing the SEC's website at www.sec.gov.

Share Repurchase Program. The Fund's Board of Trustees has approved a share repurchase program authorizing the Fund to repurchase up to 10% of its outstanding common shares as of the approved date in open-market transactions at a discount to net asset value. The repurchase program does not obligate the Fund to purchase a specific amount of shares. The Fund's repurchase activity, including the number of shares purchased, average price and average discount to net asset value, is disclosed in the Fund's annual and semi-annual reports to shareholders.

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Additional Notice to Shareholders. If applicable, a Fund may also redeem or purchase its outstanding preferred shares in order to maintain compliance with regulatory requirements, borrowing or rating agency requirements or for other purposes as it deems appropriate or necessary.

Closed-End Fund Information. Eaton Vance closed-end funds make fund performance data and certain information about portfolio characteristics available on the Eaton Vance website shortly after the end of each month. Other information about the funds is available on the website. The funds' net asset value per share is readily accessible on the Eaton Vance website. Portfolio holdings for the most recent month-end are also posted to the website approximately 30 days following the end of the month. This information is available at www.eatonvance.com on the fund information pages under Individual Investors' Closed-End Funds.

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Investment Adviser and Administrator

Eaton Vance Management

Two International Place

Boston, MA 02110

Custodian

State Street Bank and Trust Company

State Street Financial Center, One Lincoln Street

Boston, MA 02111

Transfer Agent

American Stock Transfer & Trust Company, LLC

6201 15th Avenue

Brooklyn, NY 11219

Fund Offices

Two International Place

Boston, MA 02110

7765 9.30.18

Item 2. Code of Ethics

Not required in this filing.

Item 3. Audit Committee Financial Expert

Not required in this filing.

Item 4. Principal Accountant Fees and Services

Not required in this filing.

Item 5. Audit Committee of Listed Registrants

Not required in this filing.

Item 6. Schedule of Investments

Please see schedule of investments contained in the Report to Stockholders included under Item 1 of this Form N-CSR.

Item 7. Disclosure of Proxy Voting Policies and Procedures for Closed-End Management Investment Companies

Not required in this filing.

Item 8. Portfolio Managers of Closed-End Management Investment Companies

Not required in this filing.

Item 9. Purchases of Equity Securities by Closed-End Management Investment Company and Affiliated Purchasers

No such purchases this period.

Item 10. Submission of Matters to a Vote of Security Holders

No material changes.

Item 11. 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 second fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 12. Disclosure of Securities Lending Activities for Closed-End Management Investment Companies

Not applicable.

Item 13. Exhibits

- (a)(1) Registrant's Code of Ethics Not applicable (please see Item 2).
- (a)(2)(i) Treasurer's Section 302 certification.
- (a)(2)(ii) President's Section 302 certification.
- (b) Combined Section 906 certification.

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 National Municipal Opportunities Trust

By: /s/ Payson F. Swaffield
Payson F. Swaffield
President

Date: November 26, 2018

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/ James F. Kirchner
James F. Kirchner
Treasurer

Date: November 26, 2018

By: /s/ Payson F. Swaffield
Payson F. Swaffield
President

Date: November 26, 2018