PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST

Form N-Q February 27, 2015

OMB APPROVAL

OMB Number: 3235-0578 Expires: January 31, 2016 Estimated average burden hours per response..... 10.5

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-21409

Pioneer Municipal High Income Advantage Trust (Exact name of registrant as specified in charter)

60 State Street, Boston, MA 02109 (Address of principal executive offices) (ZIP code)

Terrence J. Cullen, Pioneer Investment Management, Inc., 60 State Street, Boston, MA 02109 (Name and address of agent for service)

Registrant's telephone number, including area code: (617) 742-7825

Date of fiscal year end: March 31

Date of reporting period: December 31, 2014

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after close of the first and third fiscal quarters, pursuant to Rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. ss. 3507.

<PAGE>

ITEM 1. Schedule of Investments.

File the schedules as of the close of the reporting period as set forth in ss. 210.12-12 12-14 of Regulation S-X [17 CFR 210.12-12 12-14]. The schedules need not be audited.

Pioneer Municipal High Income Advantage Trust

NQ | December 31, 2014

Ticker Symbol: MAV

Schedule of Investments | 12/31/14 (unaudited)

Principal Amount

USD (\$) Value

TAX EXEMPT OBLIGATIONS - 143.1% of

Net Assets

Alabama - 1.7%

2,500,000 Alabama Industrial Development Authority

Solid Waste Disposal Revenue, 6.45%, 12/1/23

\$ 2,510,175

2,500,000 Huntsville-Redstone Village Special Care

Facilities Financing Authority Nursing Home

Revenue, 5.5%, 1/1/43 2,507,975

\$ 5,018,150

Arizona - 1.0%

2,640,000(a)Pima County Industrial Development Authority,

7.0%, 1/1/38 \$ 2,867,990

32,000 32,196

Pima County Industrial Development Authority Education Revenue, 6.75%, 7/1/31

	Education revenue, 0.75%, 771751	\$ 2,900,186
	California - 16.2%	
6,990,000	California County Tobacco Securitization	
	Agency Revenue, 5.25%, 6/1/46	\$ 4,835,402
1,845,000	California Educational Facilities Authority	
	Revenue, 5.25%, 4/1/40	2,543,997
1,550,000	California Enterprise Development Authority	
	Recovery Zone Facility Revenue, 8.5%, 4/1/31	
		1,795,938
5,000,000	California Pollution Control Financing	
	Authority, 5.0%, 7/1/37 (144A)	5,169,550
3,000,000	California School Finance Authority, 7.375%,	
	10/1/43	3,491,580
2,425,000	California State General Obligation Various	
	Purpose, 5.75%, 4/1/31	2,865,307
1,875,000	California Statewide Communities	
	Development Authority, 5.875%, 11/1/43	2,002,575
757,342(b)(c)	California Statewide Communities	
	Development Authority Environmental	
	Facilities Revenue, 9.0%, 12/1/38	8
25,000,000(d)	Inland Empire Tobacco Securitization Authority	
	Revenue, 6/1/36	4,692,250
3,140,000(e)	Lehman Municipal Trust Receipts Revenue,	
	RIB, 13.179%, 9/20/28 (144A)	4,102,630
8,575,000(e)	Lehman Municipal Trust Receipts, General	
	Obligation, 13.087%, 7/28/31	10,615,593
1,500,000	Madera Irrigation Financing Authority Water	
	Revenue, 6.25%, 1/1/31	1,739,130
1,500,000	Madera Irrigation Financing Authority Water	
	Revenue, 6.5%, 1/1/40	1,749,660
2,500,000	San Jose California Airport Revenue, RIB,	
	5.0%, 3/1/37	2,600,300
	Tobacco Securitization Authority of Southern	
	California Revenue, 5.125%, 6/1/46	363,114
		\$ 48,567,034
4 700 000	Colorado - 0.8%	
1,500,000	Colorado Educational & Cultural Facilities	
1 000 000	Authority, 8.0%, 9/1/43	\$ 1,540,200
1,000,000	Kremmling Memorial Hospital District	022 700
	Certificate of Participation, 7.125%, 12/1/45	832,780
	G	\$ 2,372,980
1 000 000	Connecticut - 2.9%	
1,000,000	Hamden Connecticut Facility Revenue, 7.75%,	ф 1 0 2 0 0 7 0
7 200 000	1/1/43	\$ 1,029,070
7,200,000	State of Connecticut, General Obligation, 4.0%,	7 021 504
	9/1/30	7,831,584
	District of Colombia 2 407	\$ 8,860,654
	District of Colombia - 3.4%	¢ 2 207 700
2,700,000		\$ 3,287,790

	District of Columbia Tobacco Settlement	
	Financing Corp., 6.5%, 5/15/33	
6,825,000	District of Columbia Tobacco Settlement	
	Financing Corp., 6.75%, 5/15/40	6,824,386
		\$ 10,112,176
	Florida - 4.5%	+
1 500 000	Alachua County Health Facilities Authority	
1,500,000	Revenue, 8.125%, 11/15/41	\$ 1,744,560
1 500 000	Alachua County Health Facilities Authority	φ 1,744,500
1,300,000	Revenue, 8.125%, 11/15/46	1,740,600
500,000		1,740,000
300,000	Capital Trust Agency Revenue Bonds, 7.75%,	477.000
5,000,000	1/1/41	477,090
5,000,000	Florida's Turnpike Enterprise Revenue, 4.0%,	5.220.650
	7/1/32	5,329,650
1,000,000(a)Hillsborough County Industrial Development	
	Authority Revenue, 8.0%, 8/15/32	1,303,650
2,500,000	Miami-Dade County Florida Aviation Revenue	
	5.5%, 10/1/41	2,844,050
		\$ 13,439,600
	Georgia - 7.4%	
5,210,000(e)	Atlanta Georgia Water and Wastewater	
	Revenue, RIB, 12.901%, 11/1/43 (144A)	\$ 5,256,317
4,920,000	Clayton County Development Authority	
	Revenue, 9.0%, 6/1/35	5,047,920
900,000	DeKalb County Georgia Hospital Authority	, ,
ŕ	Revenue, 6.0%, 9/1/30	1,005,867
750,000	DeKalb County Georgia Hospital Authority	, ,
,	Revenue, 6.125%, 9/1/40	825,787
8 750 000	Private Colleges & Universities Authority	025,707
0,750,000	Revenue, 5.0%, 10/1/43	10,029,600
	Revenue, 5.070, 10/1/45	\$ 22,165,491
	Guam - 0.4%	\$ 22,103,491
1 000 000	Guam Government of Department Education	
1,000,000	•	¢ 1 125 020
	Certificates of Participation, 6.625%, 12/1/30	\$ 1,125,830
	111 0.70	
2 000 000 B	Idaho - 0.7%	
	ower County Industrial Development Corp.,	4.6.006.000
R	evenue, 6.45%, 8/1/32	\$ 2,003,900
Principal		
Amount		
USD (\$)		Value
	Illinois - 4.9%	
1,000,00	00 City of Country Club Hills, General Obligation	n,
	5.0%, 12/1/31	\$ 1,019,140
365,400((d)Illinois Finance Authority Revenue, 11/15/52	32,063
417,4000	(e)Illinois Finance Authority Revenue, 4.0%,	
	11/15/52	270,496
1,450,00	00 Illinois Finance Authority Revenue, 5.5%,	
•	4/1/39	1,597,219

District of Columbia Tobacco Settlement

1,605,000	Illinois Finance Authority Revenue, 6.0%, 8/15/25	1,640,454
280 000	Illinois Finance Authority Revenue, 6.0%,	1,040,434
200,000	8/15/38	316,758
2 000 000	Illinois Finance Authority Revenue, 6.0%,	310,730
2,000,000	8/15/39	2,342,780
45,000	Illinois Finance Authority Revenue, 7.0%,	_ ,,,,,,,
,	11/15/17	45,012
3,000,000	Illinois Finance Authority Revenue, 8.125%,	
	2/15/40	3,201,120
2,500,000	Illinois Finance Authority Revenue, 8.25%,	
	2/15/46	2,674,300
1,875,000	Southwestern Illinois Development Authority	
	Revenue, 5.625%, 11/1/26	1,590,788
	* "	\$ 14,730,130
250,000	Indiana - 1.0%	
250,000	City of Carmel Indiana Nursing Home Revenue,	¢ 270 422
750,000	7.0%, 11/15/32	\$ 279,433
730,000	City of Carmel Indiana Nursing Home Revenue, 7.125%, 11/15/42	834,555
500,000	City of Carmel Indiana Nursing Home Revenue,	054,555
300,000	7.125%, 11/15/47	554,675
1.465,000	Vincennes Industrial Economic Development	33 1,073
1,100,000	Revenue, 6.25%, 1/1/24	1,295,426
	,,	\$ 2,964,089
	Kansas - 0.4%	
1,000,000	Kansas Development Finance Authority	
	Revenue, 5.0%, 5/15/35	\$ 1,063,620
	Louisiana - 6.0%	
7,000,000	Jefferson Parish Hospital Service District No. 2,	# 0 100 100
2 500 000	6.375%, 7/1/41	\$ 8,108,100
	Louisiana Local Government Environmental	
	Facilities & Community Development Authority Revenue, 6.75%, 11/1/32	2,866,450
6 000 000	Louisiana Public Facilities Authority Revenue,	2,800,430
0,000,000	5.5%, 5/15/47	6,311,640
750,000	Opelousas Louisiana General Hospital	0,511,010
,	Authority Revenue, 5.75%, 10/1/23	752,542
	, ,	\$ 18,038,732
	Maine - 1.9%	
1,500,000	Maine Health & Higher Educational Facilities	
	Authority Revenue, 7.5%, 7/1/32	\$ 1,823,745
3,500,000	Maine Turnpike Authority Revenue, 5.0%,	
	7/1/42	3,956,960
	N. 1. 1. 2.70	\$ 5,780,705
4.500.000	Maryland - 3.7%	
4,500,000	Maryland Health & Higher Educational	¢ 4 055 005
1 250 000	Facilities Authority Revenue, 5.0%, 7/1/43	\$ 4,955,895
1,430,000	Maryland Health & Higher Educational Facilities Authority Revenue, 5.75%, 7/1/38	1,329,450
	racing Aumority Revenue, 3.13%, 111/38	1,329,430

2 000 000	Maryland Haalth & Higher Educational	
2,000,000	Maryland Health & Higher Educational Facilities Authority Revenue, 6.25%, 1/1/45	2,261,840
2 245 000	Maryland Health & Higher Educational	2,201,040
2,243,000	Facilities Authority Revenue, 6.75%, 7/1/44	2,443,840
	Tacinites rationtly Revenue, 0.7576, 771744	\$ 10,991,025
	Massachusetts - 5.4%	ψ 10,771,023
2,200,000	Massachusetts Development Finance Agency	
=,=00,000	Revenue, 5.0%, 7/1/39	\$ 2,506,724
8.000.000	Massachusetts Development Finance Agency	+ -,,
2,000,000	Revenue, 5.75%, 1/1/42	10,328,160
2,400,000	Massachusetts Health & Educational Facilitie	
	Authority Revenue, 5.5%, 7/1/32	3,315,960
3,420,000(b)(c	Massachusetts Health & Educational Facilitie	S
	Authority Revenue, 6.5%, 1/15/38	8,858
		\$ 16,159,702
	Michigan - 3.6%	
2,000,000	Flint Michigan Hospital Building Authority	
	Revenue, 7.375%, 7/1/35	\$ 2,307,920
2,235,000	Kent Hospital Finance Authority Revenue,	
60 0 000	6.25%, 7/1/40	2,264,323
620,000	Michigan Public Educational Facilities	601 117
5 000 000	Authority Revenue, 7.0%, 10/1/36	631,117
5,000,000	Michigan State University Revenue, 5.0%,	5 717 950
	8/15/41	5,717,850
	Minnesota - 0.8%	\$ 10,921,210
2 000 000	Port Authority of the City of Bloomington,	
2,000,000	Minnesota Recovery Zone Facility Revenue,	
	9.0%, 12/1/35	\$ 2,277,700
	, 12, 17ee	Ψ =,=,
	Montana - 0.6%	
2,445,000	Hardin Increment Industrial Infrastructure	
	Development Revenue, 6.25%, 9/1/31	\$ 1,828,493
1,000,000(b)(c)	Two Rivers Authority, Inc., Project Revenue,	
	7.375%, 11/1/27	78,830
		\$ 1,907,323
	Nevada - 2.3%	
	Nevada Highway Revenue, 5.0%, 2/1/43	\$ 2,217,280
4,500,000	Reno Nevada Hospital Revenue, 5.25%, 6/1/4	
		4,804,740
		\$ 7,022,020
		φ 1,022,020
Principal		
Amount		
USD (\$)		Value
- (1)	New Hampshire - 0.4%	
1,125,000(a	New Hampshire Health & Education Facilitie	s
	Authority Revenue, 5.875%, 7/1/34	\$ 1,157,006

	New Jersey - 9.1%	
7 500 000	New Jersey Economic Development Authority	
7,300,000	Revenue, 5.75%, 9/15/27	\$ 8,042,100
3 500 000	New Jersey Health Care Facilities Financing	ψ 0,042,100
3,300,000	Authority, 7.25%, 7/1/27	3,504,655
3 500 000(a)	New Jersey State Turnpike Authority	5,504,055
3,300,000(8	Transportation Revenue, RIB, 13.811%, 7/1/23	
	(144A)	5,950,140
15 275 000(4)		3,930,140
15,375,000(a)	New Jersey Transportation Trust Fund	0.005.664
	Authority Revenue, 12/15/27	9,885,664
	N V1- 0.70	\$ 27,382,559
7,000,000	New York - 9.7%	
7,000,000	New York City Industrial Development Agency	ф д 01 4 дд 0
2 0 7 0 0 0 0	Revenue, 5.25%, 12/1/32	\$ 7,014,770
3,950,000	New York City Industrial Development Agency	
	Revenue, 7.625%, 12/1/32	3,971,843
7,500,000	New York State Dormitory Authority Revenue,	
	5.0%, 3/15/39	8,652,750
5,000,000	New York State Dormitory Authority Revenue,	
	5.0%, 10/1/41	5,744,400
2,000,000	New York State Dormitory Authority Revenue,	
	6.125%, 12/1/29	2,219,120
1,400,463	Westchester County Healthcare Corp., Revenue,	
	5.0%, 11/1/44	1,569,429
		\$ 29,172,312
	Ohio - 4.8%	
	O1110 - 4.8 /0	
3,000,000		
3,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31	\$ 3,223,260
	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31	\$ 3,223,260
	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing	
2,500,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47	\$ 3,223,260 2,038,650
2,500,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing	2,038,650
2,500,000 6,945,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47	
2,500,000 6,945,000 3,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority	2,038,650 6,137,713
2,500,000 6,945,000 3,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47	2,038,650 6,137,713 3,076,740
2,500,000 6,945,000 3,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19	2,038,650 6,137,713
2,500,000 6,945,000 3,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7%	2,038,650 6,137,713 3,076,740
2,500,000 6,945,000 3,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7% Oregon State Facilities Authority Revenue,	2,038,650 6,137,713 3,076,740 \$ 14,476,363
2,500,000 6,945,000 3,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7%	2,038,650 6,137,713 3,076,740
2,500,000 6,945,000 3,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7% Oregon State Facilities Authority Revenue, 5.25%, 10/1/40	2,038,650 6,137,713 3,076,740 \$ 14,476,363
2,500,000 6,945,000 3,000,000 2,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7% Oregon State Facilities Authority Revenue, 5.25%, 10/1/40 Pennsylvania - 9.2%	2,038,650 6,137,713 3,076,740 \$ 14,476,363
2,500,000 6,945,000 3,000,000 2,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7% Oregon State Facilities Authority Revenue, 5.25%, 10/1/40 Pennsylvania - 9.2% Pennsylvania Economic Development	2,038,650 6,137,713 3,076,740 \$ 14,476,363 \$ 2,167,740
2,500,000 6,945,000 3,000,000 2,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7% Oregon State Facilities Authority Revenue, 5.25%, 10/1/40 Pennsylvania - 9.2% Pennsylvania Economic Development Financing Authority, 8.0%, 5/1/29	2,038,650 6,137,713 3,076,740 \$ 14,476,363
2,500,000 6,945,000 3,000,000 2,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7% Oregon State Facilities Authority Revenue, 5.25%, 10/1/40 Pennsylvania - 9.2% Pennsylvania Economic Development Financing Authority, 8.0%, 5/1/29 Pennsylvania Economic Development	2,038,650 6,137,713 3,076,740 \$ 14,476,363 \$ 2,167,740
2,500,000 6,945,000 3,000,000 2,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7% Oregon State Facilities Authority Revenue, 5.25%, 10/1/40 Pennsylvania - 9.2% Pennsylvania Economic Development Financing Authority, 8.0%, 5/1/29 Pennsylvania Economic Development Financing Authority Solid Waste Disposal	2,038,650 6,137,713 3,076,740 \$ 14,476,363 \$ 2,167,740 \$ 2,331,728
2,500,000 6,945,000 3,000,000 2,000,000 1,965,000 5,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7% Oregon State Facilities Authority Revenue, 5.25%, 10/1/40 Pennsylvania - 9.2% Pennsylvania Economic Development Financing Authority, 8.0%, 5/1/29 Pennsylvania Economic Development Financing Authority Solid Waste Disposal Revenue, 6.0%, 6/1/31	2,038,650 6,137,713 3,076,740 \$ 14,476,363 \$ 2,167,740
2,500,000 6,945,000 3,000,000 2,000,000 1,965,000 5,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7% Oregon State Facilities Authority Revenue, 5.25%, 10/1/40 Pennsylvania - 9.2% Pennsylvania Economic Development Financing Authority, 8.0%, 5/1/29 Pennsylvania Economic Development Financing Authority Solid Waste Disposal Revenue, 6.0%, 6/1/31 Pennsylvania Turnpike Commission, 5.3%,	2,038,650 6,137,713 3,076,740 \$ 14,476,363 \$ 2,167,740 \$ 2,331,728 4,999,800
2,500,000 6,945,000 3,000,000 2,000,000 1,965,000 5,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7% Oregon State Facilities Authority Revenue, 5.25%, 10/1/40 Pennsylvania - 9.2% Pennsylvania Economic Development Financing Authority, 8.0%, 5/1/29 Pennsylvania Economic Development Financing Authority Solid Waste Disposal Revenue, 6.0%, 6/1/31 Pennsylvania Turnpike Commission, 5.3%, 12/1/41	2,038,650 6,137,713 3,076,740 \$ 14,476,363 \$ 2,167,740 \$ 2,331,728
2,500,000 6,945,000 3,000,000 2,000,000 1,965,000 5,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7% Oregon State Facilities Authority Revenue, 5.25%, 10/1/40 Pennsylvania - 9.2% Pennsylvania Economic Development Financing Authority, 8.0%, 5/1/29 Pennsylvania Economic Development Financing Authority Solid Waste Disposal Revenue, 6.0%, 6/1/31 Pennsylvania Turnpike Commission, 5.3%, 12/1/41 Philadelphia Authority for Industrial	2,038,650 6,137,713 3,076,740 \$ 14,476,363 \$ 2,167,740 \$ 2,331,728 4,999,800 5,610,250
2,500,000 6,945,000 3,000,000 2,000,000 1,965,000 5,000,000 1,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7% Oregon State Facilities Authority Revenue, 5.25%, 10/1/40 Pennsylvania - 9.2% Pennsylvania Economic Development Financing Authority, 8.0%, 5/1/29 Pennsylvania Economic Development Financing Authority Solid Waste Disposal Revenue, 6.0%, 6/1/31 Pennsylvania Turnpike Commission, 5.3%, 12/1/41 Philadelphia Authority for Industrial Development Revenue, 6.5%, 6/15/33 (144A)	2,038,650 6,137,713 3,076,740 \$ 14,476,363 \$ 2,167,740 \$ 2,331,728 4,999,800
2,500,000 6,945,000 3,000,000 2,000,000 1,965,000 5,000,000 1,000,000	Akron Bath Copley Joint Township Hospital District Revenue, 5.0%, 1/1/31 Buckeye Tobacco Settlement Financing Authority Revenue, 5.875%, 6/1/47 Buckeye Tobacco Settlement Financing Authority Revenue, 6.5%, 6/1/47 Ohio State Water Development Authority Revenue, 3.0%, 5/15/19 Oregon - 0.7% Oregon State Facilities Authority Revenue, 5.25%, 10/1/40 Pennsylvania - 9.2% Pennsylvania Economic Development Financing Authority, 8.0%, 5/1/29 Pennsylvania Economic Development Financing Authority Solid Waste Disposal Revenue, 6.0%, 6/1/31 Pennsylvania Turnpike Commission, 5.3%, 12/1/41 Philadelphia Authority for Industrial	2,038,650 6,137,713 3,076,740 \$ 14,476,363 \$ 2,167,740 \$ 2,331,728 4,999,800 5,610,250

6,000,000 Philadelphia Authority for Industrial		
Development Revenue, 8.2%, 12/1/43 6,500,280		
5,000,000 Philadelphia Hospitals & Higher Education		
Facilities Authority Revenue, 5.0%, 7/1/34 5,056,150		
\$ 27,584,828		
Puerto Rico - 1.0% 3,500,000 Commonwealth of Puerto Rico, General		
Obligation, 8.0%, 7/1/35 \$ 3,045,000		
Ooligation, 8.0 /0, 1/1/33		
Rhode Island - 3.5%		
1,355,000(b)(c)Central Falls Rhode Island Detention Facility		
Corp., Revenue, 7.25%, 7/15/35 \$ 544,033		
1,500,000 Rhode Island Health & Educational Building		
Corp., Revenue, 8.375%, 1/1/46 1,734,435		
8,285,000 Tobacco Settlement Financing Corp. Revenue,		
6.25%, 6/1/42 8,305,298		
\$ 10,583,766		
South Carolina - 2.0%		
4,400,000(f)Tobacco Settlement Revenue Management		
Authority, 6.375%, 5/15/30 \$ 6,107,904		
South Dakota - 1.3%		
4,000,000 South Dakota Health & Educational Facilities		
Authority Revenue, 4.0%, 11/1/44 \$ 3,979,120		
+		
Tennessee - 3.0%		
5,000,000 Johnson City Health & Educational Facilities		
Board Hospital Revenue, 6.5%, 7/1/38 \$ 5,842,550		
3,000,000 Sullivan County Health, Educational & Housing		
Facilities Board Revenue, 5.25%, 9/1/36 3,145,320		
\$ 8,987,870		
Texas - 17.1%		
1,500,000 Arlington Higher Education Finance Corp.		
Revenue, 7.125%, 3/1/44 \$ 1,594,665		
1,000,000 Arlington Higher Education Finance Corp., Revenue Bonds, 7.0%, 3/1/34 1,064,540		
2,500,000 Central Texas Regional Mobility Authority		
Revenue, 6.75%, 1/1/41 2,945,925		
5,000,000 Goose Creek Consolidated Independent School		
District, General Obligation, 4.0%, 2/15/26 5,635,450		
2,663,453(b)(c)Gulf Coast Industrial Development Authority		
Revenue, 7.0%, 12/1/36 27		
3,000,000 Houston Higher Education Finance Corp.		
Revenue, 5.0%, 9/1/38 3,262,290		
Deignain al		
Principal Amount		
USD (\$)		Value
Texas - (continued)		v aruc
315,000 IAH Public Facility Corp., Facilities Revenue,	•	
Series 2006, 6.0%, 5/1/16	\$	203,112

1 000 000	IAH Public Facility Corp., Facilities Revenue,	
1,000,000	Series 2006, 6.0%, 5/1/21	549,800
1 350 000	IAH Public Facility Corp., Facilities Revenue,	5-17,000
1,000,000	Series 2006, 6.125%, 5/1/26	742,230
2,000,000	Lubbock Health Facilities Development Corp.,	, , , ,
	Nursing Home Revenue, 6.625%, 7/1/36	2,065,940
9,750,000	North Texas Tollway Authority Transportation	
	Revenue, 5.75%, 1/1/33	10,794,420
1,500,000	Red River Health Facilities Development Corp.,	
	Revenue, 8.0%, 11/15/41	1,776,105
2,000,000	Richardson Independent School District	
	Revenue, General Obligation, 5.0%, 2/15/38	2,301,940
4,000,000	Sanger Industrial Development Corp., Revenue,	
4 000 000	8.0%, 7/1/38	4,440,840
1,000,000	Tarrant County Cultural Education Facilities	060.210
750,000	Finance Corp., Revenue, 8.125%, 11/15/39	969,310
/50,000	Tarrant County Cultural Education Facilities	722.020
1 000 000(1-)/-	Finance Corp., Revenue, 8.25%, 11/15/44	732,030
1,000,000(b)(c	Texas Midwest Public Facility Corp., Revenue,	190,000
3 000 000	9.0%, 10/1/30 Texas Private Activity Bond Surface	180,000
3,000,000	Transportation Corp., 7.0%, 12/31/38	3,729,390
2 500 000	Travis County Health Facilities Development	3,729,390
2,300,000	Corp., Revenue, 7.125%, 1/1/46	2,719,200
5 000 000	Tyler Independent School District, General	2,717,200
2,000,000	Obligation, 5.0%, 2/15/38	5,754,850
	3 in particular of the second	\$ 51,462,064
	Virginia - 3.4%	+,,
3,000,000	Tobacco Settlement Financing Corp./VA	
	Revenue, 5.0%, 6/1/47	\$ 2,109,480
5,000,000	Virginia Public School Authority Revenue,	
	4.0%, 8/1/25	5,734,200
	Washington County Industrial Development	
	Authority Revenue, 7.75%, 7/1/38	2,369,680
		\$ 10,213,360
	Washington - 4.1%	
1,500,000(a)Washington State Health Care Facilities	
	Authority Revenue, 5.5%, 12/1/39	\$ 1,846,575
2,000,000	Washington State Health Care Facilities	
2 000 000	Authority Revenue, 6.125%, 8/15/37	2,195,680
2,000,000	Washington State Health Care Facilities	2 107 020
1 100 000	Authority Revenue, 6.25%, 8/15/42	2,195,020
1,100,000	Washington State Housing Finance Commission	1 106 500
5,000,000	Revenue, 6.75%, 10/1/47 Washington State Housing Finance Committee	1,196,580
3,000,000	Nonprofit Revenue, 5.625%, 1/1/27	5,035,150
	11011p1011t Revenue, 3.023 /0, 1/1/2/	\$ 12,469,005
	West Virginia - 0.9%	Ψ 12,707,003
2,000,0006	City of Philippi WV, 7.75%, 10/1/44	\$ 2,012,320
	West Virginia Hospital Finance Authority	~ 2, 01 2, 320
,	Hospital Revenue, 9.125%, 10/1/41	813,527
	<u>*</u>	*

		\$ 2,825,847
~ 000 000	Wisconsin - 3.3%	
5,000,000	Wisconsin Public Finance Authority Continuing	
	Care Retirement Community Revenue, 8.25%,	4.5.004.200
1 500 000	6/1/46	\$ 5,894,300
1,500,000	Wisconsin State Health & Educational Facilities	1 7 17 27 5
400,000	Authority Revenue, 6.625%, 2/15/39	1,747,275
400,000	Wisconsin State Public Finance Authority	401.224
1 500 000	Revenue, 8.375%, 6/1/20	401,324
1,500,000	Wisconsin State Public Finance Authority	1 010 700
	Revenue, 8.625%, 6/1/47	1,812,720
	TOTAL TAX EVENDT ODLICATIONS	\$ 9,855,619
	TOTAL TAX EXEMPT OBLIGATIONS	¢ 420 002 620
	(Cost \$393,131,225)	\$ 429,892,620
	MUNICIPAL COLLATERALIZED DEBT	
	OBLIGATION - 0.6% of Net Assets	
13,000,000(c)(e)	Non-Profit Preferred Funding Trust I, 6.75%,	
, , , , , , , , , , , , , , , , , , , ,	9/15/37 (144A)	\$ 1,629,420
		. , ,
	TOTAL MUNICIPAL COLLATERALIZED	
	DEBT OBLIGATION	
	(Cost \$13,000,000)	\$ 1,629,420
Shares/Interest		Value
Shares/ interest		vaiue
Shares/interest		value
Shares/interest	TAX EXEMPT MONEY MARKET MUTUAL	value
Shares/Interest	TAX EXEMPT MONEY MARKET MUTUAL FUND - 2.0% of Net Assets	Value
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund	varue
	FUND - 2.0% of Net Assets	\$ 6,000,000
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund Portfolio	
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund Portfolio TOTAL TAX EXEMPT MONEY MARKET	
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund Portfolio TOTAL TAX EXEMPT MONEY MARKET MUTUAL FUND	\$ 6,000,000
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund Portfolio TOTAL TAX EXEMPT MONEY MARKET	
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund Portfolio TOTAL TAX EXEMPT MONEY MARKET MUTUAL FUND (Cost \$6,000,000)	\$ 6,000,000
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund Portfolio TOTAL TAX EXEMPT MONEY MARKET MUTUAL FUND (Cost \$6,000,000) TOTAL INVESTMENTS IN SECURITIES -	\$ 6,000,000
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund Portfolio TOTAL TAX EXEMPT MONEY MARKET MUTUAL FUND (Cost \$6,000,000) TOTAL INVESTMENTS IN SECURITIES - 145.7%	\$ 6,000,000 \$ 6,000,000
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund Portfolio TOTAL TAX EXEMPT MONEY MARKET MUTUAL FUND (Cost \$6,000,000) TOTAL INVESTMENTS IN SECURITIES - 145.7% (Cost - \$412,131,225) (g)(h)	\$ 6,000,000 \$ 6,000,000 \$ 437,522,040
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund Portfolio TOTAL TAX EXEMPT MONEY MARKET MUTUAL FUND (Cost \$6,000,000) TOTAL INVESTMENTS IN SECURITIES - 145.7% (Cost - \$412,131,225) (g)(h) OTHER ASSETS AND LIABILITIES - 4.2%	\$ 6,000,000 \$ 6,000,000
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund Portfolio TOTAL TAX EXEMPT MONEY MARKET MUTUAL FUND (Cost \$6,000,000) TOTAL INVESTMENTS IN SECURITIES - 145.7% (Cost - \$412,131,225) (g)(h) OTHER ASSETS AND LIABILITIES - 4.2% PREFERRED SHARES AT REDEMPTION	\$ 6,000,000 \$ 6,000,000 \$ 437,522,040
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund Portfolio TOTAL TAX EXEMPT MONEY MARKET MUTUAL FUND (Cost \$6,000,000) TOTAL INVESTMENTS IN SECURITIES - 145.7% (Cost - \$412,131,225) (g)(h) OTHER ASSETS AND LIABILITIES - 4.2% PREFERRED SHARES AT REDEMPTION VALUE,	\$ 6,000,000 \$ 6,000,000 \$ 437,522,040
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund Portfolio TOTAL TAX EXEMPT MONEY MARKET MUTUAL FUND (Cost \$6,000,000) TOTAL INVESTMENTS IN SECURITIES - 145.7% (Cost - \$412,131,225) (g)(h) OTHER ASSETS AND LIABILITIES - 4.2% PREFERRED SHARES AT REDEMPTION VALUE, INCLUDING DIVIDENDS PAYABLE -	\$ 6,000,000 \$ 6,000,000 \$ 437,522,040 \$ 12,859,516
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund Portfolio TOTAL TAX EXEMPT MONEY MARKET MUTUAL FUND (Cost \$6,000,000) TOTAL INVESTMENTS IN SECURITIES - 145.7% (Cost - \$412,131,225) (g)(h) OTHER ASSETS AND LIABILITIES - 4.2% PREFERRED SHARES AT REDEMPTION VALUE, INCLUDING DIVIDENDS PAYABLE - (49.9)%	\$ 6,000,000 \$ 6,000,000 \$ 437,522,040
	FUND - 2.0% of Net Assets BlackRock Liquidity Funds MuniFund Portfolio TOTAL TAX EXEMPT MONEY MARKET MUTUAL FUND (Cost \$6,000,000) TOTAL INVESTMENTS IN SECURITIES - 145.7% (Cost - \$412,131,225) (g)(h) OTHER ASSETS AND LIABILITIES - 4.2% PREFERRED SHARES AT REDEMPTION VALUE, INCLUDING DIVIDENDS PAYABLE -	\$ 6,000,000 \$ 6,000,000 \$ 437,522,040 \$ 12,859,516

(144A) Security is exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold normally to qualified institutional buyers in a transaction exempt from registration. At

December 31, 2014, the value of these securities amounted to \$25,194,677, or 8.4% of total net assets applicable to common shareowners.

- RIB Residual Interest Bond. The interest rate is subject to change periodically and inversely based upon prevailing market rates. The interest rate shown is the rate at December 31, 2014.
- (a) Prerefunded bonds have been collateralized by U.S. Treasury or U.S. Government Agency securities which are held in escrow to pay interest and principal on the tax exempt issue and to retire the bonds in full at the earliest refunding date.
- (b) Security is in default and is non income producing.
- (c) Indicates a security that has been deemed illiquid. As of December 31, 2014 the aggregate cost of illiquid securities in the Trust's portfolio was \$22,301,009. As of that date, the aggregate value of illiquid securities in the Trust's portfolio of \$4,453,496 represented 1.5% of total net assets applicable to common shareowners.
- (d) Security issued with a zero coupon. Income is recognized through accretion of discount.
- (e) The interest rate is subject to change periodically. The interest rate shown is the rate at December 31, 2014.
- (f) Escrow to maturity.
- (g) The concentration of investments by type of obligation/ market sector is as follows:

Insured	17.0%
Revenue Bonds:	
Health Revenue	19.8
Other Revenue	13.7
Tobacco Revenue	10.2
Development Revenue	9.6
Education Revenue	9.3
Facilities Revenue	8.8
Transportation Revenue	6.3
Water Revenue	2.0
Pollution Control Revenue	1.7
Airport Revenue	1.6
	100.0%

(h) At December 31, 2014, the net unrealized appreciation on investments based on cost for federal tax purposes of \$412,413,298 was as follows:

Aggregate gross unrealized appreciation for all investments in which there

is an excess of value over tax cost

\$ 46,008,292

Aggregate gross unrealized depreciation for all investments in which there

is an excess of tax cost over value

(20,899,550)

Net unrealized appreciation

\$ 25,108,742

For financial reporting purposes net unrealized appreciation on investments was \$25,390,816 and cost of investments aggregated \$437,522,040.

Various inputs are used in determining the value of the Trust's investments. These inputs are summarized in the three broad levels below.

Level 1 - quoted prices in active markets for identical securities.

Level 2 - other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment

speeds, credit risks, etc.).

Level 3 - significant unobservable inputs (including the Trust's own assumptions in determining fair value of investments).

Generally, equity securities are categorized as Level 1, fixed income securities and senior loans are categorized as Level 2, and securities valued using fair value methods (other than prices supplied by independent pricing services or broker dealers) as Level 3.

The following is a summary of the inputs used as of December 31, 2014, in valuing the Trust's investments.

Level 1 Level 2 Level 3 Total