BLACKROCK MUNIASSETS FUND, INC.

Form N-Q March 24, 2016

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: 811-07642

Name of Fund: BlackRock MuniAssets Fund, Inc. (MUA)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock MuniAssets Fund,

Inc., 55 East 52nd Street, New York, NY 10055

Registrant s telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 04/30/2016

Date of reporting period: 01/31/2016

Item 1 Schedule of Investments

Schedule of Investments January 31, 2016 (Unaudited)

BlackRock MuniAssets Fund, Inc. (MUA)

(Percentages shown are based on Net Assets)

	Par		
	1 ai		
Municipal Bonds	(000)	Value	
Alabama 2.2%			
County of Jefferson Alabama, RB, Limited Obligation School, Series A:			
5.25%, 1/01/17	\$ 895	\$ 903,771	
5.25%, 1/01/19	2,000	2,019,600	
5.50%, 1/01/21	1,215	1,226,907	
County of Jefferson Alabama Sewer, Refunding RB, Sub-Lien, Series D, 6.00%, 10/01/42	3,745	4,359,892	
State of Alabama Docks Department, Refunding RB, 6.00%, 10/01/40	2,165	2,549,114	
		11,059,284	
Alaska 1.2%			
Northern Tobacco Securitization Corp., Refunding RB, Tobacco Settlement, Asset-Backed, Series A:			
4.63%, 6/01/23	1,275	1,275,485	
5.00%, 6/01/32	1,500	1,366,305	
5.00%, 6/01/46	4,000	3,380,360	
		6,022,150	
Arizona 1.5%		0,022,130	
City of Phoenix Arizona IDA, RB:			
Great Hearts Academies Veritas Project, 6.30%, 7/01/42	500	540,260	
Great Hearts Academies Veritas Project, 6.40%, 7/01/47	425	460,462	
Legacy Traditional Schools Project, Series A, 6.50%, 7/01/34 (a)	570	642,344	
Legacy Traditional Schools Project, Series A, 6.75%, 7/01/44 (a)	1,000	1,130,410	
City of Phoenix Arizona IDA, Refunding RB (a):	1,000	1,130,110	
Basis Schools, Inc. Projects, Series A, 5.00%, 7/01/35	305	321,629	
Basis Schools, Inc. Projects, Series A, 5.00%, 7/01/45	855	882,864	
Legacy Traditional School Projects, 5.00%, 7/01/35	320	326,010	
Legacy Traditional School Projects, 5.00%, 7/01/45	255	252,277	
County of Pima Arizona IDA, Refunding RB, Series A, 5.00%, 7/01/46 (a)	290	299,381	
county of 1 min 1 mizona 1511, Retaining 125, Series 11, 5.00 %, 11011 to (a)			
county of 1 min 1	Par		
	Par		
Municipal Bonds		Value	
Municipal Bonds Arizona (continued)	(000)	Value	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a)	(000) \$ 260	Value \$ 274,381	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37	(000) \$ 260 1,650	Value \$ 274,381 1,980,412	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a)	(000) \$ 260	Value \$ 274,381	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37	(000) \$ 260 1,650	Value \$ 274,381 1,980,412 592,285	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b)	(000) \$ 260 1,650	Value \$ 274,381 1,980,412	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0%	(000) \$ 260 1,650	Value \$ 274,381 1,980,412 592,285	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c):	Par (000) \$ 260 1,650 500	Value \$ 274,381 1,980,412 592,285 7,702,715	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36	Par (000) \$ 260 1,650 500	Value \$ 274,381 1,980,412 592,285 7,702,715	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46	Par (000) \$ 260 1,650 500	Value \$ 274,381 1,980,412 592,285 7,702,715	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a):	Par (000) \$ 260 1,650 500	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a): 5.50%, 8/01/34	Par (000) \$ 260 1,650 500 1,285 1,330 315	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465 331,374	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a): 5.50%, 8/01/34 6.00%, 8/01/44	Par (000) \$ 260 1,650 500 1,285 1,330 315 665	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465 331,374 701,661	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a): 5.50%, 8/01/34 6.00%, 8/01/44 6.13%, 8/01/49	Par (000) \$ 260 1,650 500 1,285 1,330 315	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465 331,374	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a): 5.50%, 8/01/34 6.00%, 8/01/44 6.13%, 8/01/49 California School Finance Authority, RB:	Par (000) \$ 260 1,650 500 1,285 1,330 315 665 580	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465 331,374 701,661 612,631	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a): 5.50%, 8/01/34 6.00%, 8/01/44 6.13%, 8/01/49 California School Finance Authority, RB: Alliance for College Ready Public School 2023 Union LLC Project, Series A, 6.40%, 7/01/48	Par (000) \$ 260 1,650 500 1,285 1,330 315 665 580 1,570	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465 331,374 701,661 612,631 1,794,683	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a): 5.50%, 8/01/34 6.00%, 8/01/44 6.13%, 8/01/49 California School Finance Authority, RB: Alliance for College Ready Public School 2023 Union LLC Project, Series A, 6.40%, 7/01/48 Value Schools, 6.65%, 7/01/33	Par (000) \$ 260 1,650 500 1,285 1,330 315 665 580 1,570 435	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465 331,374 701,661 612,631 1,794,683 488,857	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a): 5.50%, 8/01/34 6.00%, 8/01/44 6.13%, 8/01/49 California School Finance Authority, RB: Alliance for College Ready Public School 2023 Union LLC Project, Series A, 6.40%, 7/01/48 Value Schools, 6.65%, 7/01/33 Value Schools, 6.90%, 7/01/43	Par (000) \$ 260 1,650 500 1,285 1,330 315 665 580 1,570	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465 331,374 701,661 612,631 1,794,683	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a): 5.50%, 8/01/34 6.00%, 8/01/44 6.13%, 8/01/49 California School Finance Authority, RB: Alliance for College Ready Public School 2023 Union LLC Project, Series A, 6.40%, 7/01/48 Value Schools, 6.65%, 7/01/33 Value Schools, 6.90%, 7/01/43 California Statewide Communities Development Authority, Refunding RB, American Baptist Homes of the	Par (000) \$ 260 1,650 500 1,285 1,330 315 665 580 1,570 435 975	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465 331,374 701,661 612,631 1,794,683 488,857 1,102,705	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a): 5.50%, 8/01/34 6.00%, 8/01/44 6.13%, 8/01/49 California School Finance Authority, RB: Alliance for College Ready Public School 2023 Union LLC Project, Series A, 6.40%, 7/01/48 Value Schools, 6.65%, 7/01/33 Value Schools, 6.90%, 7/01/43 California Statewide Communities Development Authority, Refunding RB, American Baptist Homes of the West, 6.25%, 10/01/39	Par (000) \$ 260 1,650 500 1,285 1,330 315 665 580 1,570 435 975	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465 331,374 701,661 612,631 1,794,683 488,857 1,102,705 2,414,946	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a): 5.50%, 8/01/34 6.00%, 8/01/44 6.13%, 8/01/49 California School Finance Authority, RB: Alliance for College Ready Public School 2023 Union LLC Project, Series A, 6.40%, 7/01/48 Value Schools, 6.65%, 7/01/33 Value Schools, 6.90%, 7/01/43 California Statewide Communities Development Authority, Refunding RB, American Baptist Homes of the West, 6.25%, 10/01/39 California Statewide Financing Authority, RB, Asset-Backed, Tobacco Settlement, Series B, 6.00%, 5/01/43	Par (000) \$ 260 1,650 500 1,285 1,330 315 665 580 1,570 435 975	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465 331,374 701,661 612,631 1,794,683 488,857 1,102,705	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a): 5.50%, 8/01/34 6.00%, 8/01/44 6.13%, 8/01/49 California School Finance Authority, RB: Alliance for College Ready Public School 2023 Union LLC Project, Series A, 6.40%, 7/01/48 Value Schools, 6.65%, 7/01/33 Value Schools, 6.90%, 7/01/43 California Statewide Communities Development Authority, Refunding RB, American Baptist Homes of the West, 6.25%, 10/01/39 California Statewide Financing Authority, RB, Asset-Backed, Tobacco Settlement, Series B, 6.00%, 5/01/43 City of San Jose California Hotel Tax, RB, Convention Center Expansion & Renovation Project:	Par (000) \$ 260 1,650 500 1,285 1,330 315 665 580 1,570 435 975 2,175 1,650	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465 331,374 701,661 612,631 1,794,683 488,857 1,102,705 2,414,946 1,676,070	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a): 5.50%, 8/01/34 6.00%, 8/01/34 6.13%, 8/01/49 California School Finance Authority, RB: Alliance for College Ready Public School 2023 Union LLC Project, Series A, 6.40%, 7/01/48 Value Schools, 6.65%, 7/01/33 Value Schools, 6.90%, 7/01/43 California Statewide Communities Development Authority, Refunding RB, American Baptist Homes of the West, 6.25%, 10/01/39 California Statewide Financing Authority, RB, Asset-Backed, Tobacco Settlement, Series B, 6.00%, 5/01/43 City of San Jose California Hotel Tax, RB, Convention Center Expansion & Renovation Project: 6.50%, 5/01/36	Par	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465 331,374 701,661 612,631 1,794,683 488,857 1,102,705 2,414,946 1,676,070 1,094,544	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a): 5.50%, 8/01/34 6.00%, 8/01/44 6.13%, 8/01/49 California School Finance Authority, RB: Alliance for College Ready Public School 2023 Union LLC Project, Series A, 6.40%, 7/01/48 Value Schools, 6.65%, 7/01/33 Value Schools, 6.69%, 7/01/43 California Statewide Communities Development Authority, Refunding RB, American Baptist Homes of the West, 6.25%, 10/01/39 California Statewide Financing Authority, RB, Asset-Backed, Tobacco Settlement, Series B, 6.00%, 5/01/43 City of San Jose California Hotel Tax, RB, Convention Center Expansion & Renovation Project: 6.50%, 5/01/36 6.50%, 5/01/42	Par (000) \$ 260 1,650 500 1,285 1,330 315 665 580 1,570 435 975 2,175 1,650	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465 331,374 701,661 612,631 1,794,683 488,857 1,102,705 2,414,946 1,676,070	
Municipal Bonds Arizona (continued) Industrial Development Authority of the City of Phoenix, Refunding RB, Series A, 5.00%, 7/01/35 (a) Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 University Medical Center Corp., RB, 6.50%, 7/01/19 (b) California 5.0% California County Tobacco Securitization Agency, RB, Asset-Backed (c): 5.60%, 6/01/36 5.70%, 6/01/46 California Municipal Finance Authority, RB, Urban Discovery Academy Project (a): 5.50%, 8/01/34 6.00%, 8/01/34 6.13%, 8/01/49 California School Finance Authority, RB: Alliance for College Ready Public School 2023 Union LLC Project, Series A, 6.40%, 7/01/48 Value Schools, 6.65%, 7/01/33 Value Schools, 6.90%, 7/01/43 California Statewide Communities Development Authority, Refunding RB, American Baptist Homes of the West, 6.25%, 10/01/39 California Statewide Financing Authority, RB, Asset-Backed, Tobacco Settlement, Series B, 6.00%, 5/01/43 City of San Jose California Hotel Tax, RB, Convention Center Expansion & Renovation Project: 6.50%, 5/01/36	Par	Value \$ 274,381 1,980,412 592,285 7,702,715 1,286,555 1,330,465 331,374 701,661 612,631 1,794,683 488,857 1,102,705 2,414,946 1,676,070 1,094,544	

County of Riverside California Transportation Commission, RB, Senior Lien, Series A, 5.75%, 6/01/48

2,885

3,334,079

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BLACKROCK MUNIASSETS FUND, INC.

	Par	
Municipal Bonds	(000)	Value
California (continued)		
Golden State Tobacco Securitization Corp., Refunding RB, Asset-Backed, Senior, Series A-1, 5.75%,	Φ 2.000	ф. 2 000 040
6/01/47 Takaga Saguritization Authority of Sauthorn California Refunding RR.	\$ 3,980	\$ 3,800,940
Tobacco Securitization Authority of Southern California, Refunding RB:	900	952 471
Senior Series A1, 5.00%, 6/01/37 Tobacco Settlement, Asset-Backed, Senior Series A-1, 4.75%, 6/01/25	1,490	852,471 1,490,343
Totalco Schichichi, Asser-Backed, Schiol Schics A-1, 4.75 //, 0/01/25	1,490	1,470,545
		25.450.654
0.1 1 4.10		25,459,671
Colorado 2.1%	500	506 120
Castle Oaks Metropolitan District No. 3, GO, 6.25%, 12/01/44	500	506,120
Colorado Health Facilities Authority, Refunding RB, Series A:	335	342,289
6.13%, 12/01/45 6.25%, 12/01/50	1,115	1,139,530
Copperleaf Metropolitan District No 2, GO, Refunding, 5.75%, 12/01/45	720	757,325
Foothills Metropolitan District, Special Assessment Bonds, 6.00%, 12/01/38	5,985	6,445,127
Regional Transportation District, RB, Denver Transit Partners Eagle P3 Project, 6.00%, 1/15/34	1,500	1,695,930
Regional Transportation District, RD, Denver Transit Latiners Eagle 13 110 Jeet, 0.00 76, 1713/37	1,500	1,055,550
		10 006 221
Connecticut 0.9%		10,886,321
Mohegan Tribal Finance Authority, RB, 7.00%, 2/01/45 (a)	1,430	1,424,709
Mohegan Triba of Indians of Connecticut, RB, Series A, 6.75%, 2/01/45 (a)	1,420	
Mohegan Tribe of Indians of Connecticut, RB, Series A, 0.75%, 200743 (a) Mohegan Tribe of Indians of Connecticut, Refunding RB, Public Improvement, Priority Distribution, Series	1,420	1,451,950
C, 6.25%, 2/01/30 (a)	1,835	1,832,615
C, 0.25 /0, 2/01/30 (a)	1,033	1,032,013
		4.500.054
D.1 0.70		4,709,274
Delaware 0.7%		
Ct	1 000	1 005 160
County of Sussex Delaware, RB, NRG Energy, Inc., Indian River Power LLC Project, 6.00%, 10/01/40	1,000	1,085,160
County of Sussex Delaware, RB, NRG Energy, Inc., Indian River Power LLC Project, 6.00%, 10/01/40	1,000 Par	1,085,160
	Par	
Municipal Bonds		1,085,160 Value
Municipal Bonds Delaware (continued)	(000)	Value
Municipal Bonds	Par	
Municipal Bonds Delaware (continued)	(000)	Value \$ 2,364,132
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45	(000)	Value
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5%	(000) \$ 2,280	Value \$ 2,364,132 3,449,292
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33	(000)	Value \$ 2,364,132
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4%	(000) \$ 2,280	Value \$ 2,364,132 3,449,292 2,764,852
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43	(000) \$ 2,280	Value \$ 2,364,132 3,449,292
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.:	Par (000) \$ 2,280 2,225 1,570	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44	Par (000) \$ 2,280 2,225 1,570 515	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44 1st Mortgage, Augustine Project, 8.25%, 1/01/49	Par (000) \$ 2,280 2,225 1,570 515 1,105	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600 941,128
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44 1st Mortgage, Augustine Project, 8.25%, 1/01/49 5.75%, 1/01/50	Par (000) \$ 2,280 2,225 1,570 515 1,105 655	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600 941,128 654,935
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44 1st Mortgage, Augustine Project, 8.25%, 1/01/49 5.75%, 1/01/50 County of Collier Florida IDA, Refunding RB, Arlington of Naples Project, Series A, 8.13%, 5/15/44 (a)	Par (000) \$ 2,280 2,225 1,570 515 1,105	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600 941,128
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44 1st Mortgage, Augustine Project, 8.25%, 1/01/49 5.75%, 1/01/50 County of Collier Florida IDA, Refunding RB, Arlington of Naples Project, Series A, 8.13%, 5/15/44 (a) County of Miami-Dade Florida IDA, RB, Series A:	Par (000) \$ 2,280 2,225 1,570 515 1,105 655 2,510	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600 941,128 654,935 2,986,197
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44 1st Mortgage, Augustine Project, 8.25%, 1/01/49 5.75%, 1/01/50 County of Collier Florida IDA, Refunding RB, Arlington of Naples Project, Series A, 8.13%, 5/15/44 (a) County of Miami-Dade Florida IDA, RB, Series A: 5.00%, 6/01/35	Par (000) \$ 2,280 2,225 1,570 515 1,105 655 2,510 1,460	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600 941,128 654,935 2,986,197 1,545,906
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44 1st Mortgage, Augustine Project, 8.25%, 1/01/49 5.75%, 1/01/50 County of Collier Florida IDA, Refunding RB, Arlington of Naples Project, Series A, 8.13%, 5/15/44 (a) County of Miami-Dade Florida IDA, RB, Series A:	Par (000) \$ 2,280 2,225 1,570 515 1,105 655 2,510	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600 941,128 654,935 2,986,197
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44 1st Mortgage, Augustine Project, 8.25%, 1/01/49 5.75%, 1/01/50 County of Collier Florida IDA, Refunding RB, Arlington of Naples Project, Series A, 8.13%, 5/15/44 (a) County of Miami-Dade Florida IDA, RB, Series A: 5.00%, 6/01/35 5.00%, 6/01/40	Par (000) \$ 2,280 2,225 1,570 515 1,105 655 2,510 1,460 2,000	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600 941,128 654,935 2,986,197 1,545,906 2,087,860
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44 1st Mortgage, Augustine Project, 8.25%, 1/01/49 5.75%, 1/01/50 County of Collier Florida IDA, Refunding RB, Arlington of Naples Project, Series A, 8.13%, 5/15/44 (a) County of Miami-Dade Florida IDA, RB, Series A: 5.00%, 6/01/35 5.00%, 6/01/40 5.00%, 6/01/48	Par (000) \$ 2,280 2,225 1,570 515 1,105 655 2,510 1,460 2,000	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600 941,128 654,935 2,986,197 1,545,906 2,087,860
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44 1st Mortgage, Augustine Project, 8.25%, 1/01/49 5.75%, 1/01/50 County of Collier Florida IDA, Refunding RB, Arlington of Naples Project, Series A, 8.13%, 5/15/44 (a) County of Miami-Dade Florida IDA, RB, Series A: 5.00%, 6/01/35 5.00%, 6/01/48 County of Palm Beach Florida Health Facilities Authority, RB, Acts Retirement Life Community, 5.50%,	Par (000) \$ 2,280 2,225 1,570 515 1,105 655 2,510 1,460 2,000 2,815	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600 941,128 654,935 2,986,197 1,545,906 2,087,860 2,923,377
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44 1st Mortgage, Augustine Project, 8.25%, 1/01/49 5.75%, 1/01/50 County of Collier Florida IDA, Refunding RB, Arlington of Naples Project, Series A, 8.13%, 5/15/44 (a) County of Miami-Dade Florida IDA, RB, Series A: 5.00%, 6/01/45 5.00%, 6/01/46 5.00%, 6/01/48 County of Palm Beach Florida Health Facilities Authority, RB, Acts Retirement Life Community, 5.50%, 11/15/33	Par (000) \$ 2,280 2,225 1,570 515 1,105 655 2,510 1,460 2,000 2,815	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600 941,128 654,935 2,986,197 1,545,906 2,087,860 2,923,377
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44 1st Mortgage, Augustine Project, 8.25%, 1/01/49 5.75%, 1/01/50 County of Collier Florida IDA, Refunding RB, Arlington of Naples Project, Series A, 8.13%, 5/15/44 (a) County of Miami-Dade Florida IDA, RB, Series A: 5.00%, 6/01/48 County of Palm Beach Florida Health Facilities Authority, RB, Acts Retirement Life Community, 5.50%, 11/15/33 Florida Development Finance Corp., RB, Renaissance Charter School, Series A: 5.75%, 6/15/29 6.00%, 6/15/34	Par (000) \$ 2,280 2,225 1,570 515 1,105 655 2,510 1,460 2,000 2,815 3,500 690 835	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600 941,128 654,935 2,986,197 1,545,906 2,087,860 2,923,377 3,879,610
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44 1st Mortgage, Augustine Project, 8.25%, 1/01/49 5.75%, 1/01/50 County of Collier Florida IDA, Refunding RB, Arlington of Naples Project, Series A, 8.13%, 5/15/44 (a) County of Miami-Dade Florida IDA, RB, Series A: 5.00%, 6/01/35 5.00%, 6/01/40 5.00%, 6/01/48 County of Palm Beach Florida Health Facilities Authority, RB, Acts Retirement Life Community, 5.50%, 11/15/33 Florida Development Finance Corp., RB, Renaissance Charter School, Series A: 5.75%, 6/15/29 6.00%, 6/15/34 6.13%, 6/15/44	Par (000) \$ 2,280 2,225 1,570 515 1,105 655 2,510 1,460 2,000 2,815 3,500 690	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600 941,128 654,935 2,986,197 1,545,906 2,087,860 2,923,377 3,879,610 713,094
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44 1st Mortgage, Augustine Project, 8.25%, 1/01/49 5.75%, 1/01/50 County of Collier Florida IDA, Refunding RB, Arlington of Naples Project, Series A, 8.13%, 5/15/44 (a) County of Miami-Dade Florida IDA, RB, Series A: 5.00%, 6/01/35 5.00%, 6/01/48 County of Palm Beach Florida Health Facilities Authority, RB, Acts Retirement Life Community, 5.50%, 11/15/33 Florida Development Finance Corp., RB, Renaissance Charter School, Series A: 5.75%, 6/15/29 6.00%, 6/15/34 6.13%, 6/15/44 Greeneway Improvement District, RB, Special Assessment Bonds, 5.13%, 5/01/43	Par (000) \$ 2,280 2,225 1,570 515 1,105 655 2,510 1,460 2,000 2,815 3,500 690 835 3,220 1,970	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600 941,128 654,935 2,986,197 1,545,906 2,087,860 2,923,377 3,879,610 713,094 865,503 3,301,273 2,057,763
Municipal Bonds Delaware (continued) Delaware State EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45 District of Columbia 0.5% District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.50%, 5/15/33 Florida 10.4% Boggy Creek Improvement District, Refunding RB, Special Assessment Bonds, 5.13%, 5/01/43 Capital Trust Agency, Inc., RB, Silver Creek St.: 1st Mortgage, Augustine Project, 8.25%, 1/01/44 1st Mortgage, Augustine Project, 8.25%, 1/01/49 5.75%, 1/01/50 County of Collier Florida IDA, Refunding RB, Arlington of Naples Project, Series A, 8.13%, 5/15/44 (a) County of Miami-Dade Florida IDA, RB, Series A: 5.00%, 6/01/35 5.00%, 6/01/40 5.00%, 6/01/48 County of Palm Beach Florida Health Facilities Authority, RB, Acts Retirement Life Community, 5.50%, 11/15/33 Florida Development Finance Corp., RB, Renaissance Charter School, Series A: 5.75%, 6/15/29 6.00%, 6/15/34 6.13%, 6/15/44	Par (000) \$ 2,280 2,225 1,570 515 1,105 655 2,510 1,460 2,000 2,815 3,500 690 835 3,220	Value \$ 2,364,132 3,449,292 2,764,852 1,639,943 438,600 941,128 654,935 2,986,197 1,545,906 2,087,860 2,923,377 3,879,610 713,094 865,503 3,301,273

BLACKROCK MUNIASSETS FUND, INC.

	Par		
Municipal Bonds	(000)	Value	
Florida (continued)	(3.2.7)		
Jacksonville Economic Development Commission, Refunding RB, Florida Proton Therapy Institute, Series A, 6.00%, 9/01/17 (a)	\$ 535	\$ 571,690	
Lakewood Ranch Stewardship District, Refunding, Special Assessment Bonds, Lakewood Center & New	Ψ 333	Ψ 371,090	
Sector Projects:	200	202.246	
4.00%, 5/01/21 (d)	200 160	202,346 159,990	
4.25%, 5/01/26 (d) 5.00%, 5/01/36 (d)	460	463,634	
8.00%, 5/01/40	1,485	1,844,251	
5.13%, 5/01/46 (d)	915	920,719	
Mid-Bay Bridge Authority, RB, Springing Lien, Series A, 7.25%, 10/01/21 (b)	4,550	6,010,959	
Midtown Miami Community Development District, Refunding, Special Assessment Bonds:	4,550	0,010,939	
Series A, 5.00%, 5/01/37	845	896,613	
Series B, 5.00%, 5/01/37	495	525,235	
Palm Beach County Health Facilities Authority, Refunding RB, Series A, 7.25%, 6/01/34	500	600,560	
Santa Rosa Bay Bridge Authority, RB, 6.25%,	300	000,300	
7/01/28 (e)(f)	4,358	1,655,954	
Tampa Palms Open Space and Transportation Community Development District, RB, Capital Improvement,	7,550	1,033,734	
Richmond Place Project, 7.50%, 5/01/18	835	836,253	
Tolomato Community Development District, Refunding, Special Assessment Bonds:	033	030,233	
Convertible CAB, Series A2, 0.00%, 5/01/39 (c)	250	200,233	
Convertible CAB, Series A3, 0.00%, 5/01/40 (c)	585	350,222	
Convertible CAB, Series A4, 0.00%, 5/01/40 (c)	305	135,213	
Series 2, 0.00%, 5/01/40 (c)	805	420,419	
Series A1, 6.65%, 5/01/40	910	921.939	
Tolomato Community Development District:	710	,21,,0,	
Series 1, 0.00%, 5/01/40 (c)	1,305	805,707	
Series 1, 6.65%, 5/01/40 (e)(f)	50	51,105	
Series 3, 6.61%, 5/01/40 (e)(f)	875	9	
Series 3, 6.65%, 5/01/40 (e)(f)	710	7	
	Par		
Municipal Bonds	(000)	Value	
Florida (continued)	, ,		
Village Community Development District No. 9, Special Assessment Bonds:			
(75g	¢ 1.660	¢ 2.024.552	
6.75%, 5/01/31	\$ 1,660	\$ 2,024,553	
6.75%, 5/01/31 7.00%, 5/01/41	2,665	3,264,865	
7.00%, 5/01/41	2,665	3,264,865	
7.00%, 5/01/41	2,665	3,264,865 1,420,485	
7.00%, 5/01/41 5.50%, 5/01/42	2,665	3,264,865	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3%	2,665 1,235	3,264,865 1,420,485 53,236,601	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31	2,665 1,235	3,264,865 1,420,485 53,236,601 1,036,087	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31 County of Clayton Georgia, Tax Allocation Bonds, Ellenwood Project, 7.50%, 7/01/33	2,665 1,235	3,264,865 1,420,485 53,236,601	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31 County of Clayton Georgia, Tax Allocation Bonds, Ellenwood Project, 7.50%, 7/01/33 County of Clayton Georgia Development Authority, Refunding RB, Delta Air Lines, Inc. Project, Series A,	2,665 1,235 1,035 2,615	3,264,865 1,420,485 53,236,601 1,036,087 2,723,758	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31 County of Clayton Georgia, Tax Allocation Bonds, Ellenwood Project, 7.50%, 7/01/33	2,665 1,235	3,264,865 1,420,485 53,236,601 1,036,087	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31 County of Clayton Georgia, Tax Allocation Bonds, Ellenwood Project, 7.50%, 7/01/33 County of Clayton Georgia Development Authority, Refunding RB, Delta Air Lines, Inc. Project, Series A, 8.75%, 6/01/29 County of Gainesville & Hall Georgia Development Authority, Refunding RB, Acts Retirement Life	2,665 1,235 1,035 2,615	3,264,865 1,420,485 53,236,601 1,036,087 2,723,758	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31 County of Clayton Georgia, Tax Allocation Bonds, Ellenwood Project, 7.50%, 7/01/33 County of Clayton Georgia Development Authority, Refunding RB, Delta Air Lines, Inc. Project, Series A, 8.75%, 6/01/29	2,665 1,235 1,035 2,615	3,264,865 1,420,485 53,236,601 1,036,087 2,723,758	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31 County of Clayton Georgia, Tax Allocation Bonds, Ellenwood Project, 7.50%, 7/01/33 County of Clayton Georgia Development Authority, Refunding RB, Delta Air Lines, Inc. Project, Series A, 8.75%, 6/01/29 County of Gainesville & Hall Georgia Development Authority, Refunding RB, Acts Retirement Life Community, Series A-2:	2,665 1,235 1,035 2,615 3,365	3,264,865 1,420,485 53,236,601 1,036,087 2,723,758 4,178,556	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31 County of Clayton Georgia, Tax Allocation Bonds, Ellenwood Project, 7.50%, 7/01/33 County of Clayton Georgia Development Authority, Refunding RB, Delta Air Lines, Inc. Project, Series A, 8.75%, 6/01/29 County of Gainesville & Hall Georgia Development Authority, Refunding RB, Acts Retirement Life Community, Series A-2: 6.38%, 11/15/29	2,665 1,235 1,035 2,615 3,365	3,264,865 1,420,485 53,236,601 1,036,087 2,723,758 4,178,556	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31 County of Clayton Georgia, Tax Allocation Bonds, Ellenwood Project, 7.50%, 7/01/33 County of Clayton Georgia Development Authority, Refunding RB, Delta Air Lines, Inc. Project, Series A, 8.75%, 6/01/29 County of Gainesville & Hall Georgia Development Authority, Refunding RB, Acts Retirement Life Community, Series A-2: 6.38%, 11/15/29 6.63%, 11/15/39	2,665 1,235 1,035 2,615 3,365 700 880	3,264,865 1,420,485 53,236,601 1,036,087 2,723,758 4,178,556 797,307 1,000,833	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31 County of Clayton Georgia, Tax Allocation Bonds, Ellenwood Project, 7.50%, 7/01/33 County of Clayton Georgia Development Authority, Refunding RB, Delta Air Lines, Inc. Project, Series A, 8.75%, 6/01/29 County of Gainesville & Hall Georgia Development Authority, Refunding RB, Acts Retirement Life Community, Series A-2: 6.38%, 11/15/29 6.63%, 11/15/39 Municipal Electric Authority of Georgia, RB, Plant Vogtle Units 3 & 4 Project, Series A, 5.00%, 7/01/60	2,665 1,235 1,035 2,615 3,365 700 880	3,264,865 1,420,485 53,236,601 1,036,087 2,723,758 4,178,556 797,307 1,000,833	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31 County of Clayton Georgia, Tax Allocation Bonds, Ellenwood Project, 7.50%, 7/01/33 County of Clayton Georgia Development Authority, Refunding RB, Delta Air Lines, Inc. Project, Series A, 8.75%, 6/01/29 County of Gainesville & Hall Georgia Development Authority, Refunding RB, Acts Retirement Life Community, Series A-2: 6.38%, 11/15/29 6.63%, 11/15/39 Municipal Electric Authority of Georgia, RB, Plant Vogtle Units 3 & 4 Project, Series A, 5.00%, 7/01/60 Guam 0.9%	2,665 1,235 1,035 2,615 3,365 700 880 1,635	3,264,865 1,420,485 53,236,601 1,036,087 2,723,758 4,178,556 797,307 1,000,833 1,811,465 11,548,006	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31 County of Clayton Georgia, Tax Allocation Bonds, Ellenwood Project, 7.50%, 7/01/33 County of Clayton Georgia Development Authority, Refunding RB, Delta Air Lines, Inc. Project, Series A, 8.75%, 6/01/29 County of Gainesville & Hall Georgia Development Authority, Refunding RB, Acts Retirement Life Community, Series A-2: 6.38%, 11/15/29 6.63%, 11/15/39 Municipal Electric Authority of Georgia, RB, Plant Vogtle Units 3 & 4 Project, Series A, 5.00%, 7/01/60 Guam 0.9% Guam Government Waterworks Authority, RB, Water & Wastewater System, 5.50%, 7/01/43	2,665 1,235 1,035 2,615 3,365 700 880	3,264,865 1,420,485 53,236,601 1,036,087 2,723,758 4,178,556 797,307 1,000,833 1,811,465	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31 County of Clayton Georgia, Tax Allocation Bonds, Ellenwood Project, 7.50%, 7/01/33 County of Clayton Georgia Development Authority, Refunding RB, Delta Air Lines, Inc. Project, Series A, 8.75%, 6/01/29 County of Gainesville & Hall Georgia Development Authority, Refunding RB, Acts Retirement Life Community, Series A-2: 6.38%, 11/15/29 6.63%, 11/15/39 Municipal Electric Authority of Georgia, RB, Plant Vogtle Units 3 & 4 Project, Series A, 5.00%, 7/01/60 Guam 0.9% Guam Government Waterworks Authority, RB, Water & Wastewater System, 5.50%, 7/01/43 Territory of Guam, GO, Series A:	2,665 1,235 1,035 2,615 3,365 700 880 1,635	3,264,865 1,420,485 53,236,601 1,036,087 2,723,758 4,178,556 797,307 1,000,833 1,811,465 11,548,006 2,751,941	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31 County of Clayton Georgia, Tax Allocation Bonds, Ellenwood Project, 7.50%, 7/01/33 County of Clayton Georgia Development Authority, Refunding RB, Delta Air Lines, Inc. Project, Series A, 8.75%, 6/01/29 County of Gainesville & Hall Georgia Development Authority, Refunding RB, Acts Retirement Life Community, Series A-2: 6.38%, 11/15/29 6.63%, 11/15/39 Municipal Electric Authority of Georgia, RB, Plant Vogtle Units 3 & 4 Project, Series A, 5.00%, 7/01/60 Guam 0.9% Guam Government Waterworks Authority, RB, Water & Wastewater System, 5.50%, 7/01/43 Territory of Guam, GO, Series A: 6.00%, 11/15/19	2,665 1,235 1,035 2,615 3,365 700 880 1,635	3,264,865 1,420,485 53,236,601 1,036,087 2,723,758 4,178,556 797,307 1,000,833 1,811,465 11,548,006 2,751,941 560,171	
7.00%, 5/01/41 5.50%, 5/01/42 Georgia 2.3% City of Atlanta Georgia, Tax Allocation Bonds, Princeton Lakes Project, 5.50%, 1/01/31 County of Clayton Georgia, Tax Allocation Bonds, Ellenwood Project, 7.50%, 7/01/33 County of Clayton Georgia Development Authority, Refunding RB, Delta Air Lines, Inc. Project, Series A, 8.75%, 6/01/29 County of Gainesville & Hall Georgia Development Authority, Refunding RB, Acts Retirement Life Community, Series A-2: 6.38%, 11/15/29 6.63%, 11/15/39 Municipal Electric Authority of Georgia, RB, Plant Vogtle Units 3 & 4 Project, Series A, 5.00%, 7/01/60 Guam 0.9% Guam Government Waterworks Authority, RB, Water & Wastewater System, 5.50%, 7/01/43 Territory of Guam, GO, Series A:	2,665 1,235 1,035 2,615 3,365 700 880 1,635	3,264,865 1,420,485 53,236,601 1,036,087 2,723,758 4,178,556 797,307 1,000,833 1,811,465 11,548,006 2,751,941	

Illinois 4.7%

City of Chicago Illinois, GO, Series A, 5.50%, 1/01/39	3,600	3,632,652
Illinois Finance Authority, Refunding RB:		
CAB, Clare Water Tower, Series B, 0.00%, 5/15/50 (e)(f)(g)	1,214	12
Clare Water Tower, Series A-7, 6.13%, 5/15/41 (e)(f)	3,129	31

BLACKROCK MUNIASSETS FUND, INC.

JANUARY 31, 2016

3

	Par	
Municipal Bonds	(000)	Value
Illinois (continued)	(000)	v uruc
Illinois Finance Authority, Refunding RB (continued):		
Friendship Village of Schaumburg, 7.25%, 2/15/45	\$ 4,000	\$ 4,292,480
Lutheran Home & Services Obligated Group, 5.63%, 5/15/42	2,395	2,542,101
Primary Health Care Centers Program, 6.60%, 7/01/24	1,085	1,090,588
Rogers Park Montessori School Project, Series 2014, 6.00%, 2/01/34	365	389,583
Rogers Park Montessori School Project, Series 2014, 6.13%, 2/01/45	860	910,396
Roosevelt University Project, 6.50%, 4/01/44	4,170	4,577,743
Metropolitan Pier & Exposition Authority, RB, McCormick Place Expansion Project, Series A, 5.50%,	4,170	4,577,745
6/15/53	2,370	2,639,090
Railsplitter Tobacco Settlement Authority, RB:	2,370	2,037,070
5.50%, 6/01/23	180	213,008
	710	· · · · · · · · · · · · · · · · · · ·
6.00%, 6/01/28 Village of Lincolnships Illinois, Special Tay Bonds, Sadashyask Project, 6 250/, 2/01/24	1,730	854,506
Village of Lincolnshire Illinois, Special Tax Bonds, Sedgebrook Project, 6.25%, 3/01/34	1,730	1,746,504
Village of Wheeling Illinois, Tax Allocation Bonds, North Milwaukee/Lake-Cook TIF Project, 6.00%, 1/01/25	1,260	1,260,756
		24,149,450
Indiana 1.2%		, , , ,
City of Valparaiso Indiana, RB, Exempt Facilities, Pratt Paper LLC Project, AMT:		
6.75%, 1/01/34	825	1,010,361
7.00%, 1/01/44	2,000	2,465,020
City of Vincennes Indiana, Refunding RB, Southwest Indiana Regional Youth Village, 6.25%, 1/01/24	590	555,715
Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT:	370	333,713
5.00%, 7/01/44	470	508,376
	Par	
Municipal Bonds	Par (000)	Value
Municipal Bonds Indiana (continued)		Value
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series		Value
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued):	(000)	
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series		Value \$ 1,674,657
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued):	(000)	\$ 1,674,657
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48	(000)	
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1%	(000)	\$ 1,674,657
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB:	(000) \$ 1,555	\$ 1,674,657 6,214,129
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22	(000) \$ 1,555	\$ 1,674,657 6,214,129 2,197,886
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22 Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25	(000) \$ 1,555 2,090 2,190	\$ 1,674,657 6,214,129 2,197,886 2,390,078
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22 Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25 Sunrise Retirement Community Project, 5.50%, 9/01/37	(000) \$ 1,555 2,090 2,190 1,355	\$ 1,674,657 6,214,129 2,197,886 2,390,078 1,388,753
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22 Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25 Sunrise Retirement Community Project, 5.50%, 9/01/37 Sunrise Retirement Community Project, 5.75%, 9/01/43	(000) \$ 1,555 2,090 2,190	\$ 1,674,657 6,214,129 2,197,886 2,390,078
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22 Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25 Sunrise Retirement Community Project, 5.50%, 9/01/37 Sunrise Retirement Community Project, 5.75%, 9/01/43 Iowa Tobacco Settlement Authority, Refunding RB:	(000) \$ 1,555 2,090 2,190 1,355 2,115	\$ 1,674,657 6,214,129 2,197,886 2,390,078 1,388,753 2,187,735
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22 Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25 Sunrise Retirement Community Project, 5.50%, 9/01/37 Sunrise Retirement Community Project, 5.75%, 9/01/43 Iowa Tobacco Settlement Authority, Refunding RB: Asset-Backed, CAB, Series B, 5.60%, 6/01/34	(000) \$ 1,555 2,090 2,190 1,355 2,115 1,200	\$ 1,674,657 6,214,129 2,197,886 2,390,078 1,388,753 2,187,735 1,200,816
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22 Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25 Sunrise Retirement Community Project, 5.50%, 9/01/37 Sunrise Retirement Community Project, 5.75%, 9/01/43 Iowa Tobacco Settlement Authority, Refunding RB: Asset-Backed, CAB, Series B, 5.60%, 6/01/34 Asset-Backed, Series C, 5.63%, 6/01/46	(000) \$ 1,555 2,090 2,190 1,355 2,115 1,200 1,565	\$ 1,674,657 6,214,129 2,197,886 2,390,078 1,388,753 2,187,735 1,200,816 1,557,191
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22 Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25 Sunrise Retirement Community Project, 5.50%, 9/01/37 Sunrise Retirement Community Project, 5.75%, 9/01/43 Iowa Tobacco Settlement Authority, Refunding RB: Asset-Backed, CAB, Series B, 5.60%, 6/01/34	(000) \$ 1,555 2,090 2,190 1,355 2,115 1,200	\$ 1,674,657 6,214,129 2,197,886 2,390,078 1,388,753 2,187,735 1,200,816
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22 Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25 Sunrise Retirement Community Project, 5.50%, 9/01/37 Sunrise Retirement Community Project, 5.75%, 9/01/43 Iowa Tobacco Settlement Authority, Refunding RB: Asset-Backed, CAB, Series B, 5.60%, 6/01/34 Asset-Backed, Series C, 5.63%, 6/01/46 Series C, 5.38%, 6/01/38	(000) \$ 1,555 2,090 2,190 1,355 2,115 1,200 1,565	\$ 1,674,657 6,214,129 2,197,886 2,390,078 1,388,753 2,187,735 1,200,816 1,557,191
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22 Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25 Sunrise Retirement Community Project, 5.50%, 9/01/37 Sunrise Retirement Community Project, 5.75%, 9/01/43 Iowa Tobacco Settlement Authority, Refunding RB: Asset-Backed, CAB, Series B, 5.60%, 6/01/34 Asset-Backed, Series C, 5.63%, 6/01/46 Series C, 5.38%, 6/01/38 Kentucky 0.9%	(000) \$ 1,555 2,090 2,190 1,355 2,115 1,200 1,565	\$ 1,674,657 6,214,129 2,197,886 2,390,078 1,388,753 2,187,735 1,200,816 1,557,191 4,730,411
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22 Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25 Sunrise Retirement Community Project, 5.50%, 9/01/37 Sunrise Retirement Community Project, 5.75%, 9/01/43 Iowa Tobacco Settlement Authority, Refunding RB: Asset-Backed, CAB, Series B, 5.60%, 6/01/34 Asset-Backed, Series C, 5.63%, 6/01/46 Series C, 5.38%, 6/01/38 Kentucky 0.9% Kentucky Public Transportation Infrastructure Authority, RB, Downtown Crossing, First Tier, Series A, 5.75%, 7/01/49	(000) \$ 1,555 2,090 2,190 1,355 2,115 1,200 1,565	\$ 1,674,657 6,214,129 2,197,886 2,390,078 1,388,753 2,187,735 1,200,816 1,557,191 4,730,411
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22 Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25 Sunrise Retirement Community Project, 5.50%, 9/01/37 Sunrise Retirement Community Project, 5.75%, 9/01/43 Iowa Tobacco Settlement Authority, Refunding RB: Asset-Backed, CAB, Series B, 5.60%, 6/01/34 Asset-Backed, Series C, 5.63%, 6/01/46 Series C, 5.38%, 6/01/38 Kentucky 0.9% Kentucky Public Transportation Infrastructure Authority, RB, Downtown Crossing, First Tier, Series A, 5.75%, 7/01/49 Louisiana 2.9%	(000) \$ 1,555 2,090 2,190 1,355 2,115 1,200 1,565 4,900	\$ 1,674,657 6,214,129 2,197,886 2,390,078 1,388,753 2,187,735 1,200,816 1,557,191 4,730,411 15,652,870
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22 Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25 Sunrise Retirement Community Project, 5.50%, 9/01/37 Sunrise Retirement Community Project, 5.75%, 9/01/43 Iowa Tobacco Settlement Authority, Refunding RB: Asset-Backed, CAB, Series B, 5.60%, 6/01/34 Asset-Backed, Series C, 5.63%, 6/01/46 Series C, 5.38%, 6/01/38 Kentucky 0.9% Kentucky Public Transportation Infrastructure Authority, RB, Downtown Crossing, First Tier, Series A, 5.75%, 7/01/49 Louisiana 2.9% Juban Crossing Economic Development District, Refunding RB, General Infrastructure Project, Series C,	(000) \$ 1,555 2,090 2,190 1,355 2,115 1,200 1,565 4,900 4,000	\$ 1,674,657 6,214,129 2,197,886 2,390,078 1,388,753 2,187,735 1,200,816 1,557,191 4,730,411 15,652,870 4,555,680
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22 Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25 Sunrise Retirement Community Project, 5.50%, 9/01/37 Sunrise Retirement Community Project, 5.75%, 9/01/43 Iowa Tobacco Settlement Authority, Refunding RB: Asset-Backed, CAB, Series B, 5.60%, 6/01/34 Asset-Backed, Series C, 5.63%, 6/01/46 Series C, 5.38%, 6/01/38 Kentucky 0.9% Kentucky Public Transportation Infrastructure Authority, RB, Downtown Crossing, First Tier, Series A, 5.75%, 7/01/49 Louisiana 2.9% Juban Crossing Economic Development District, Refunding RB, General Infrastructure Project, Series C, 7.00%, 9/15/44 (a)	(000) \$ 1,555 2,090 2,190 1,355 2,115 1,200 1,565 4,900 4,000	\$ 1,674,657 6,214,129 2,197,886 2,390,078 1,388,753 2,187,735 1,200,816 1,557,191 4,730,411 15,652,870 4,555,680 1,074,074
Indiana (continued) Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, Series A, AMT (continued): 5.00%, 7/01/48 Iowa 3.1% Iowa Finance Authority, Refunding RB: Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.50%, 12/01/22 Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25 Sunrise Retirement Community Project, 5.50%, 9/01/37 Sunrise Retirement Community Project, 5.75%, 9/01/43 Iowa Tobacco Settlement Authority, Refunding RB: Asset-Backed, CAB, Series B, 5.60%, 6/01/34 Asset-Backed, Series C, 5.63%, 6/01/46 Series C, 5.38%, 6/01/38 Kentucky 0.9% Kentucky Public Transportation Infrastructure Authority, RB, Downtown Crossing, First Tier, Series A, 5.75%, 7/01/49 Louisiana 2.9% Juban Crossing Economic Development District, Refunding RB, General Infrastructure Project, Series C,	(000) \$ 1,555 2,090 2,190 1,355 2,115 1,200 1,565 4,900 4,000	\$ 1,674,657 6,214,129 2,197,886 2,390,078 1,388,753 2,187,735 1,200,816 1,557,191 4,730,411 15,652,870 4,555,680

BLACKROCK MUNIASSETS FUND, INC.

	Par	
Municipal Bonds	(000)	Value
Louisiana (continued)	(3.2.3)	
Louisiana Public Facilities Authority, RB, Belle Chasse Educational Foundation Project, 6.75%, 5/01/41	\$ 1,855	\$ 2,073,074
Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.25%, 5/15/35	5,570	6,238,846
		15,086,881
Maine 0.7%		
Maine Health & Higher Educational Facilities Authority, RB, Maine General Medical Center, 6.75%,		
7/01/41	2,955	3,362,908
Maryland 2.0%		
County of Frederick Maryland, RB, Jefferson Technology Park Project, Series B, 7.13%, 7/01/43	2,840	3,223,230
Maryland EDC, RB, Transportation Facilities Project, Series A, 5.75%, 6/01/35	3,615	3,960,485
Maryland EDC, Refunding RB, CNX Marine Terminals, Inc., 5.75%, 9/01/25	3,085	2,950,587
		10,134,302
Massachusetts 1.9%		
Massachusetts Development Finance Agency, RB:		
Boston Medical Center, Series D, 4.00%, 7/01/45	1,295	1,325,640
Boston Medical Center, Series D, 5.00%, 7/01/44	2,905	3,234,834
Foxborough Regional Charter School, Series A, 7.00%, 7/01/42	1,025	1,158,660
North Hill Communities Issue, Series A, 6.50%, 11/15/43 (a)	2,020	2,212,061
Massachusetts Development Finance Agency, Refunding RB, Tufts Medical Center, Series I, 6.75%, 1/01/36	1,490	1,763,340
		9,694,535
Michigan 0.9%		2,021,000
City of Detroit Michigan, GO, Financial Recovery (h):		
Series B-1, 4.00%, 4/01/44	315	157,424
Series B-2, 4.00%, 4/01/44	100	46,714
	D	· · · · · · · · · · · · · · · · · · ·
	Par	
	Par	
Municipal Ronds		Value
Municipal Bonds Michigan (continued)	(000)	Value
Michigan (continued)	(000)	
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39		Value \$ 3,096,920
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2,	(000) \$ 2,785	\$ 3,096,920
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44	(000)	
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien,	(000) \$ 2,785	\$ 3,096,920
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44	(000) \$ 2,785 415	\$ 3,096,920 441,672
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien,	(000) \$ 2,785 415	\$ 3,096,920 441,672 996,535
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44	(000) \$ 2,785 415	\$ 3,096,920 441,672
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7%	(000) \$ 2,785 415 920	\$ 3,096,920 441,672 996,535 4,739,265
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b)	(000) \$ 2,785 415	\$ 3,096,920 441,672 996,535
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%,	(000) \$ 2,785 415 920	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b)	(000) \$ 2,785 415 920	\$ 3,096,920 441,672 996,535 4,739,265
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%,	(000) \$ 2,785 415 920	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224 1,380,030
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%, 12/01/49	(000) \$ 2,785 415 920	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%, 12/01/49 Missouri 1.2%	(000) \$ 2,785 415 920	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224 1,380,030
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%, 12/01/49 Missouri 1.2% Health & Educational Facilities Authority of the State of Missouri, RB:	(000) \$ 2,785 415 920 1,785 1,335	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224 1,380,030 3,452,254
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%, 12/01/49 Missouri 1.2% Health & Educational Facilities Authority of the State of Missouri, RB: 5.00%, 2/01/36	(000) \$ 2,785 415 920 1,785 1,335	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224 1,380,030 3,452,254
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%, 12/01/49 Missouri 1.2% Health & Educational Facilities Authority of the State of Missouri, RB: 5.00%, 2/01/36 5.00%, 2/01/46	(000) \$ 2,785 415 920 1,785 1,335	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224 1,380,030 3,452,254 411,884 734,648
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%, 12/01/49 Missouri 1.2% Health & Educational Facilities Authority of the State of Missouri, RB: 5.00%, 2/01/36 5.00%, 2/01/46 Kirkwood IDA Missouri, RB, Aberdeen Heights, Series A, 8.25%, 5/15/39	(000) \$ 2,785 415 920 1,785 1,335	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224 1,380,030 3,452,254 411,884 734,648 2,629,053
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%, 12/01/49 Missouri 1.2% Health & Educational Facilities Authority of the State of Missouri, RB: 5.00%, 2/01/36 5.00%, 2/01/46	(000) \$ 2,785 415 920 1,785 1,335	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224 1,380,030 3,452,254 411,884 734,648
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%, 12/01/49 Missouri 1.2% Health & Educational Facilities Authority of the State of Missouri, RB: 5.00%, 2/01/36 5.00%, 2/01/46 Kirkwood IDA Missouri, RB, Aberdeen Heights, Series A, 8.25%, 5/15/39	(000) \$ 2,785 415 920 1,785 1,335	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224 1,380,030 3,452,254 411,884 734,648 2,629,053 2,322,232
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%, 12/01/49 Missouri 1.2% Health & Educational Facilities Authority of the State of Missouri, RB: 5.00%, 2/01/36 5.00%, 2/01/46 Kirkwood IDA Missouri, RB, Aberdeen Heights, Series A, 8.25%, 5/15/39 Lees Summit Industrial Development Authority, RB, John Knox Obligated Group, 5.25%, 8/15/39	(000) \$ 2,785 415 920 1,785 1,335	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224 1,380,030 3,452,254 411,884 734,648 2,629,053
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%, 12/01/49 Missouri 1.2% Health & Educational Facilities Authority of the State of Missouri, RB: 5.00%, 2/01/36 5.00%, 2/01/46 Kirkwood IDA Missouri, RB, Aberdeen Heights, Series A, 8.25%, 5/15/39 Lees Summit Industrial Development Authority, RB, John Knox Obligated Group, 5.25%, 8/15/39 New Jersey 4.6%	(000) \$ 2,785 415 920 1,785 1,335	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224 1,380,030 3,452,254 411,884 734,648 2,629,053 2,322,232
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%, 12/01/49 Missouri 1.2% Health & Educational Facilities Authority of the State of Missouri, RB: 5.00%, 2/01/36 5.00%, 2/01/46 Kirkwood IDA Missouri, RB, Aberdeen Heights, Series A, 8.25%, 5/15/39 Lees Summit Industrial Development Authority, RB, John Knox Obligated Group, 5.25%, 8/15/39 New Jersey 4.6% Casino Reinvestment Development Authority, Refunding RB:	(000) \$ 2,785 415 920 1,785 1,335 370 670 2,315 2,235	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224 1,380,030 3,452,254 411,884 734,648 2,629,053 2,322,232 6,097,817
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%, 12/01/49 Missouri 1.2% Health & Educational Facilities Authority of the State of Missouri, RB: 5.00%, 2/01/36 5.00%, 2/01/46 Kirkwood IDA Missouri, RB, Aberdeen Heights, Series A, 8.25%, 5/15/39 Lees Summit Industrial Development Authority, RB, John Knox Obligated Group, 5.25%, 8/15/39 New Jersey 4.6% Casino Reinvestment Development Authority, Refunding RB: 5.25%, 11/01/39	(000) \$ 2,785 415 920 1,785 1,335 370 670 2,315 2,235	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224 1,380,030 3,452,254 411,884 734,648 2,629,053 2,322,232 6,097,817 1,108,899
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%, 12/01/49 Missouri 1.2% Health & Educational Facilities Authority of the State of Missouri, RB: 5.00%, 2/01/36 5.00%, 2/01/46 Kirkwood IDA Missouri, RB, Aberdeen Heights, Series A, 8.25%, 5/15/39 Lees Summit Industrial Development Authority, RB, John Knox Obligated Group, 5.25%, 8/15/39 New Jersey 4.6% Casino Reinvestment Development Authority, Refunding RB: 5.25%, 11/01/39 5.25%, 11/01/39	(000) \$ 2,785 415 920 1,785 1,335 370 670 2,315 2,235 1,065 770	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224 1,380,030 3,452,254 411,884 734,648 2,629,053 2,322,232 6,097,817 1,108,899 796,141
Michigan (continued) City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44 Michigan Finance Authority, Refunding RB, Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44 Minnesota 0.7% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 6.75%, 11/15/18 (b) City of Rochester Minnesota, RB, Health Care And Facility Homestead Rochester Incorporate, 5.00%, 12/01/49 Missouri 1.2% Health & Educational Facilities Authority of the State of Missouri, RB: 5.00%, 2/01/36 5.00%, 2/01/46 Kirkwood IDA Missouri, RB, Aberdeen Heights, Series A, 8.25%, 5/15/39 Lees Summit Industrial Development Authority, RB, John Knox Obligated Group, 5.25%, 8/15/39 New Jersey 4.6% Casino Reinvestment Development Authority, Refunding RB: 5.25%, 11/01/39	(000) \$ 2,785 415 920 1,785 1,335 370 670 2,315 2,235	\$ 3,096,920 441,672 996,535 4,739,265 2,072,224 1,380,030 3,452,254 411,884 734,648 2,629,053 2,322,232 6,097,817 1,108,899

Kapkowski Road Landfill Project, Series B, AMT, 6.50%, 4/01/31

2,250

2,703,960

BLACKROCK MUNIASSETS FUND, INC.

JANUARY 31, 2016

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BlackRock MuniAssets Fund, Inc. (MUA)

	Par	
W. C. In. I	(000)	3 7 1
Municipal Bonds	(000)	Value
New Jersey (continued)		
New Jersey EDA, RB (continued):	A 2 155	ф. 2.402.41 <i>С</i>
Private Activity Bond, The Goethals Bridge Replacement Project, AMT, 5.38%, 1/01/43	\$ 2,155	\$ 2,402,416
Team Academy Charter School Project, 6.00%, 10/01/43	1,530	1,733,597
New Jersey EDA, Refunding RB, Greater Brunswick Charter School, Inc. Project, Series A, 6.00%,	500	540.000
8/01/49 (a)	500	519,390
New Jersey Health Care Facilities Financing Authority, Refunding RB:		
St. Barnabas Health Care System, Series A, 5.63%, 7/01/37	2,650	3,083,487
St. Joseph s Healthcare System, 6.63%, 7/01/38	4,090	4,518,100
New Jersey Transportation Trust Fund Authority, RB, Transportation Program, Series AA, 5.25%, 6/15/41	1,140	1,231,018
Tobacco Settlement Financing Corp., New Jersey, Refunding RB, Series 1A:		
5.00%, 6/01/29	3,735	3,529,463
5.00%, 6/01/41	1,070	893,675
		23,715,088
New Mexico 0.6%		
New Mexico Hospital Equipment Loan Council, Refunding RB, Gerald Champion Regional Medical Center		
Project, 5.50%, 7/01/42	2,970	3,164,624
New York 7.4%	2,770	3,101,021
City of New York New York Industrial Development Agency, ARB, American Airlines, Inc., JFK		
International Airport Project, AMT, 8.00%, 8/01/28 (h)	1,765	1,842,572
City of New York New York Industrial Development Agency, RB, Special Needs Facilities Pooled Program,	1,703	1,042,372
Series C-1:		
6.50%, 7/01/24	610	611,336
6.63%, 7/01/29	1,100	1,102,530
Counties of New York Tobacco Trust IV, Refunding RB, Settlement Pass-Through Turbo, Series A, 6.25%,	1,100	1,102,330
6/01/41 (a)	5,400	5,640,462
0/01/41 (a)	9,400 Par	3,040,402
	rai	
Municipal Bonds	(000)	Value
New York (continued)	Ì	
County of Dutchess New York Industrial Development Agency, Refunding RB, Bard College Civic Facility,		
5.00%, 8/01/46	\$ 3,315	\$ 3,155,780
County of Westchester New York Healthcare Corp., RB, Senior Lien, Series A, 5.00%, 11/01/44	1,354	1,521,479
Erie Tobacco Asset Securitization Corp., Refunding RB, Asset-Backed, Series A, 5.00%, 6/01/45	2,890	2,811,768
Metropolitan Transportation Authority, RB, Series C, 6.50%, 11/15/28	2,000	2,315,320
New York Liberty Development Corp., Refunding RB:	,	, , , , ,
2nd Priority, Bank of America Tower at One Bryant Park Project, Class 3, 6.38%, 7/15/49	1,270	1,434,262
3 World Trade Center Project, Class 1, 5.00%, 11/15/44 (a)	5,020	5,331,441
3 World Trade Center Project, Class 2, 5.15%, 11/15/34 (a)	455	481,677
3 World Trade Center Project, Class 2, 5.38%, 11/15/40 (a)	1,080	1,152,781
3 World Trade Center Project, Class 3, 7.25%, 11/15/40 (a)	1,565	1,897,422
Niagara Area Development Corp., Refunding RB, Solid Waste Disposal Facility, Covanta Energy Project,	1,505	1,071,722
Series A, AMT, 5.25%, 11/01/42 (a)	1,335	1,347,442
Port Authority of New York & New Jersey, ARB, Special Project, JFK International Air Terminal LLC	1,333	1,577,772
Project, Series 8, 6.00%, 12/01/36	1,340	1,569,113
TSASC, Inc., Refunding RB, Series 1, 5.00%, 6/01/34	1,135	1,092,199
19730c, Inc., Retuining KD, Strices 1, 3.00 /0, 0/01/134	1,133	1,074,177

BLACKROCK MUNIASSETS FUND, INC.

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Schedule of Investments (continued)	vestments (continued) BlackRock MuniAssets Fund, In	
	Par	
Municipal Bonds	(000)	Value
New York (continued)		
Westchester Tobacco Asset Securitization, Refunding RB, 5.13%, 6/01/45	\$ 4,800	\$ 4,778,016
		38,085,600
North Carolina 1.5%		, ,
North Carolina Medical Care Commission, Refunding RB, 1st Mortgage, Series A:		
Deerfield Project, 6.13%, 11/01/38	4,565	5,007,896
Retirement Facilities Whitestone Project, 7.75%, 3/01/31	1,000	1,150,950
Retirement Facilities Whitestone Project, 7.75%, 3/01/41	1,420	1,631,211
3,	, .	,,
Ohio 2.1%		7,790,057
Buckeye Tobacco Settlement Financing Authority, RB, Asset-Backed, Series A-2:		
Senior Turbo Term, 5.88%, 6/01/47	2,685	2,362,827
5.75%, 6/01/34	6,745	5,946,662
6.00%, 6/01/42	3,040	2,709,552
0.00 /v, 01011+2	3,040	2,707,552
		11,019,041
Oklahoma 0.3%	1.207	1 204 140
Oklahoma Development Finance Authority, Refunding RB, Inverness Village Community, 6.00%, 1/01/32 Oregon 0.8%	1,305	1,384,148
Hospital Facilities Authority of Multnomah County Oregon, Refunding RB, Mirabella at South Waterfront,		
5.50%, 10/01/49	1,765	1,931,157
Polk County Hospital Facility Authority, RB, Dallas Retirement Village Project, Series A:		
5.13%, 7/01/35	620	630,168
5.38%, 7/01/45	1,435	1,458,261
		4,019,586
Pennsylvania 4.3%		, , , , , , ,
Allentown Neighborhood Improvement Zone Development Authority, Refunding RB, Series A, 5.00%,		
5/01/42	4,170	4,426,955
	Par	
Municipal Bonds	(000)	Value
Pennsylvania (continued)	(000)	v aluc
City of Philadelphia Pennsylvania Hospitals & Higher Education Facilities Authority, RB, Temple		
University Health System, Series A, 5.63%, 7/01/36	\$ 2,000	\$ 2,174,140
County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran:	Ψ 2,000	Ψ 2,174,140
6.38%, 1/01/19 (b)	5,550	6,412,193
5.38%, 1/01/39	615	702,299
County of Lancaster Pennsylvania Hospital Authority, Refunding RB, Brethren Village Project, Series A,	015	702,299
6.25%, 7/01/26	1,160	1,200,983
County of Lehigh Pennsylvania General Purpose Authority, Refunding RB, Bible Fellowship Church	-,- 50	,
Homes, 5.13%, 7/01/32	1,800	1,887,390
County of Northampton Pennsylvania IDA, Route 33 Project, Tax Allocation Bond, 7.00%, 7/01/32	2,110	2,315,577
Pennsylvania Economic Development Financing Authority, Refunding RB, National Gypson Co., AMT,	,	
5.50%, 11/01/44	2,710	2,828,346
Puerto Rico 0.2%		21,947,883
Children s Trust Fund, Refunding RB, Series A, 0.00%, 5/15/50 (g)	3,450	286,902
Commonwealth of Puerto Rico Aqueduct & Sewer Authority, RB, Series A, 6.00%, 7/01/44	530	365,689
Commonwealth of Puerto Rico, Refunding RB, Aqueduct & Sewer Authority, Senior Lien, Series A, 6.00%,	330	303,007
7/01/38	325	225,885
	323	223,003
		070 476
Phodo Island 21%		878,476
Rhode Island 2.1% Central Falls Detention Facility Corp. Refunding RB, 7.25%, 7/15/35 (e)(f)	4 190	1 042 849
Central Paris Detention Facility Cord., Kerunding K.D. 7.25%, 7/15/33 (C)(1)	4.190	1.047.649

Central Falls Detention Facility Corp., Refunding RB, 7.25%, 7/15/35 (e)(f)

4,190

1,042,849

Tobacco Settlement Financing Corp., Refunding RB:

Series A, 5.00%, 6/01/40	Ü	1	Ü	980	1,048,600	
Series B, 4.50%, 6/01/45				5,055	5,124,051	

BLACKROCK MUNIASSETS FUND, INC.

JANUARY 31, 2016

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	Par	
Municipal Bonds	(000)	Value
Rhode Island (continued)	(000)	, and
Tobacco Settlement Financing Corp., Refunding RB (continued):		
Series B, 5.00%, 6/01/50	\$ 3,330	\$ 3,453,044
		10,668,544
Texas 10.6%		10,000,011
Brazos River Authority, Refunding RB, Texas Utility Co., Series A, AMT, 7.70%, 4/01/33 (e)(f)	5,080	151,892
Central Texas Regional Mobility Authority, Refunding RB:	·	· ·
CAB, 0.00%, 1/01/28 (g)	1,000	645,160
CAB, 0.00%, 1/01/29 (g)	2,000	1,235,880
CAB, 0.00%, 1/01/30 (g)	1,170	691,809
CAB, 0.00%, 1/01/33 (g)	3,690	1,902,859
CAB, 0.00%, 1/01/34 (g)	4,000	1,942,200
Senior Lien, 6.25%, 1/01/46	2,210	2,557,147
City of Houston Texas Airport System, Refunding ARB, AMT:		
Special Facilities, Continental Airlines, Inc., Series A, 6.63%, 7/15/38	2,890	3,347,805
United Airlines, Inc. Terminal E Project, 5.00%, 7/01/29	910	990,098
Clifton Higher Education Finance Corp., ERB, Idea Public Schools:	055	1.062.696
5.50%, 8/15/31 5.75%, 8/15/41	955 720	1,062,686 807,538
County of Bexar Texas Health Facilities Development Corp., RB, Army Retirement Residence Project,	720	007,338
6.20%, 7/01/45	5,040	5,718,787
County of Harris Texas Cultural Education Facilities Finance Corp., RB, 1st Mortgage, Brazos Presbyterian	3,040	3,710,707
Homes, Inc. Project, Series B, 7.00%, 1/01/48	475	561,916
County of Matagorda Texas Navigation District No. 1, Refunding RB, Central Power & Light Co., Project,	473	301,710
Series A, 6.30%, 11/01/29	2,090	2,387,031
County of Tarrant Texas Cultural Education Facilities Finance Corp., RB, Series A:	2,000	2,307,031
CC Young Memorial Home, 8.00%, 2/15/38	1,745	1,967,802
Senior Living Center Project, 8.25%, 11/15/44	4,200	4,242,882
County of Tarrant Texas Cultural Education Facilities Finance Corp., Refunding RB, Trinity Terrace Project,	,	
5.00%, 10/01/49	865	933,075
	Par	
Municipal Bonds	(000)	Value
Texas (continued)		
County of Travis Texas Health Facilities Development Corp., Refunding RB, 7.13%, 1/01/46	\$ 3,080	\$ 3,452,742
	\$ 3,080 860	\$ 3,452,742 1,020,244
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42		
	860	1,020,244
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36	860 810 1,210	1,020,244
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45	860 810	1,020,244 852,209
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a):	860 810 1,210 1,845	1,020,244 852,209 1,372,757 2,096,381
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a): 5.50%, 8/15/35	860 810 1,210 1,845	1,020,244 852,209 1,372,757 2,096,381 298,010
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a): 5.50%, 8/15/35 5.75%, 8/15/45	860 810 1,210 1,845 290 580	1,020,244 852,209 1,372,757 2,096,381 298,010 591,066
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a): 5.50%, 8/15/35 5.75%, 8/15/45 North Texas Education Finance Corp., ERB, Uplift Education, Series A, 5.25%, 12/01/47	860 810 1,210 1,845	1,020,244 852,209 1,372,757 2,096,381 298,010
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a): 5.50%, 8/15/35 5.75%, 8/15/45 North Texas Education Finance Corp., ERB, Uplift Education, Series A, 5.25%, 12/01/47 Red River Health Facilities Development Corp., First MRB, Project:	860 810 1,210 1,845 290 580 1,600	1,020,244 852,209 1,372,757 2,096,381 298,010 591,066 1,700,784
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a): 5.50%, 8/15/35 5.75%, 8/15/45 North Texas Education Finance Corp., ERB, Uplift Education, Series A, 5.25%, 12/01/47 Red River Health Facilities Development Corp., First MRB, Project: Eden Home, Inc., 7.25%, 12/15/42	860 810 1,210 1,845 290 580 1,600	1,020,244 852,209 1,372,757 2,096,381 298,010 591,066 1,700,784 2,553,303
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a): 5.50%, 8/15/35 5.75%, 8/15/45 North Texas Education Finance Corp., ERB, Uplift Education, Series A, 5.25%, 12/01/47 Red River Health Facilities Development Corp., First MRB, Project: Eden Home, Inc., 7.25%, 12/15/42 Wichita Falls Retirement Foundation, 5.13%, 1/01/41	860 810 1,210 1,845 290 580 1,600	1,020,244 852,209 1,372,757 2,096,381 298,010 591,066 1,700,784
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a): 5.50%, 8/15/35 5.75%, 8/15/45 North Texas Education Finance Corp., ERB, Uplift Education, Series A, 5.25%, 12/01/47 Red River Health Facilities Development Corp., First MRB, Project: Eden Home, Inc., 7.25%, 12/15/42 Wichita Falls Retirement Foundation, 5.13%, 1/01/41 Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien:	860 810 1,210 1,845 290 580 1,600 2,895 900	1,020,244 852,209 1,372,757 2,096,381 298,010 591,066 1,700,784 2,553,303 931,176
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a): 5.50%, 8/15/35 5.75%, 8/15/45 North Texas Education Finance Corp., ERB, Uplift Education, Series A, 5.25%, 12/01/47 Red River Health Facilities Development Corp., First MRB, Project: Eden Home, Inc., 7.25%, 12/15/42 Wichita Falls Retirement Foundation, 5.13%, 1/01/41 Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien: LBJ Infrastructure Group LLC, LBJ Freeway Managed Lanes Project, 7.00%, 6/30/40	860 810 1,210 1,845 290 580 1,600 2,895 900 3,775	1,020,244 852,209 1,372,757 2,096,381 298,010 591,066 1,700,784 2,553,303 931,176 4,557,406
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a): 5.50%, 8/15/35 5.75%, 8/15/45 North Texas Education Finance Corp., ERB, Uplift Education, Series A, 5.25%, 12/01/47 Red River Health Facilities Development Corp., First MRB, Project: Eden Home, Inc., 7.25%, 12/15/42 Wichita Falls Retirement Foundation, 5.13%, 1/01/41 Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien: LBJ Infrastructure Group LLC, LBJ Freeway Managed Lanes Project, 7.00%, 6/30/40	860 810 1,210 1,845 290 580 1,600 2,895 900	1,020,244 852,209 1,372,757 2,096,381 298,010 591,066 1,700,784 2,553,303 931,176
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a): 5.50%, 8/15/35 5.75%, 8/15/45 North Texas Education Finance Corp., ERB, Uplift Education, Series A, 5.25%, 12/01/47 Red River Health Facilities Development Corp., First MRB, Project: Eden Home, Inc., 7.25%, 12/15/42 Wichita Falls Retirement Foundation, 5.13%, 1/01/41 Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien: LBJ Infrastructure Group LLC, LBJ Freeway Managed Lanes Project, 7.00%, 6/30/40	860 810 1,210 1,845 290 580 1,600 2,895 900 3,775	1,020,244 852,209 1,372,757 2,096,381 298,010 591,066 1,700,784 2,553,303 931,176 4,557,406 3,533,730
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a): 5.50%, 8/15/35 5.75%, 8/15/45 North Texas Education Finance Corp., ERB, Uplift Education, Series A, 5.25%, 12/01/47 Red River Health Facilities Development Corp., First MRB, Project: Eden Home, Inc., 7.25%, 12/15/42 Wichita Falls Retirement Foundation, 5.13%, 1/01/41 Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien: LBJ Infrastructure Group LLC, LBJ Freeway Managed Lanes Project, 7.00%, 6/30/40 NTE Mobility Partners LLC, North Tarrant Express Managed Lanes Project, 6.88%, 12/31/39	860 810 1,210 1,845 290 580 1,600 2,895 900 3,775	1,020,244 852,209 1,372,757 2,096,381 298,010 591,066 1,700,784 2,553,303 931,176 4,557,406
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a): 5.50%, 8/15/35 5.75%, 8/15/45 North Texas Education Finance Corp., ERB, Uplift Education, Series A, 5.25%, 12/01/47 Red River Health Facilities Development Corp., First MRB, Project: Eden Home, Inc., 7.25%, 12/15/42 Wichita Falls Retirement Foundation, 5.13%, 1/01/41 Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien: LBJ Infrastructure Group LLC, LBJ Freeway Managed Lanes Project, 7.00%, 6/30/40 NTE Mobility Partners LLC, North Tarrant Express Managed Lanes Project, 6.88%, 12/31/39	860 810 1,210 1,845 290 580 1,600 2,895 900 3,775 3,000	1,020,244 852,209 1,372,757 2,096,381 298,010 591,066 1,700,784 2,553,303 931,176 4,557,406 3,533,730 54,106,375
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a): 5.50%, 8/15/35 5.75%, 8/15/45 North Texas Education Finance Corp., ERB, Uplift Education, Series A, 5.25%, 12/01/47 Red River Health Facilities Development Corp., First MRB, Project: Eden Home, Inc., 7.25%, 12/15/42 Wichita Falls Retirement Foundation, 5.13%, 1/01/41 Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien: LBJ Infrastructure Group LLC, LBJ Freeway Managed Lanes Project, 7.00%, 6/30/40 NTE Mobility Partners LLC, North Tarrant Express Managed Lanes Project, 6.88%, 12/31/39 Utah 0.6% State of Utah Charter School Finance Authority, Refunding RB, 6.75%, 10/15/43	860 810 1,210 1,845 290 580 1,600 2,895 900	1,020,244 852,209 1,372,757 2,096,381 298,010 591,066 1,700,784 2,553,303 931,176 4,557,406 3,533,730
La Vernia Higher Education Finance Corp., RB, Kipp, Inc., Series A, 6.38%, 8/15/19 (b) Mesquite Health Facility Development Corp., Refunding RB, 5.13%, 2/15/42 New Hope Cultural Education Facilities Corp., RB, Stephenville LLC Tarleton State University Project: 5.88%, 4/01/36 6.00%, 4/01/45 Newark Higher Education Finance Corp., RB, Series A (a): 5.50%, 8/15/35 5.75%, 8/15/45 North Texas Education Finance Corp., ERB, Uplift Education, Series A, 5.25%, 12/01/47 Red River Health Facilities Development Corp., First MRB, Project: Eden Home, Inc., 7.25%, 12/15/42 Wichita Falls Retirement Foundation, 5.13%, 1/01/41 Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien: LBJ Infrastructure Group LLC, LBJ Freeway Managed Lanes Project, 7.00%, 6/30/40 NTE Mobility Partners LLC, North Tarrant Express Managed Lanes Project, 6.88%, 12/31/39	860 810 1,210 1,845 290 580 1,600 2,895 900 3,775 3,000	1,020,244 852,209 1,372,757 2,096,381 298,010 591,066 1,700,784 2,553,303 931,176 4,557,406 3,533,730 54,106,375

BLACKROCK MUNIASSETS FUND, INC.

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	Par		
Municipal Bonds	(000)	Value	
Virginia 3.1%	Ì		
County of Fairfax Virginia EDA, Refunding RB, Goodwin House, Inc., 5.13%, 10/01/42	\$ 2,500	\$ 2,595,875	
Lower Magnolia Green Community Development Authority, Special Assessment Bonds (a):			
5.00%, 3/01/35	510	518,547	
5.00%, 3/01/45	520	525,273	
Mosaic District Community Development Authority, Special Assessment, Series A:		2-2,-12	
6.63%, 3/01/26	1,485	1,719,036	
6.88%, 3/01/36	1,300	1,500,616	
Virginia College Building Authority, RB, Marymount University Project, Series B, 5.00%, 7/01/45 (a)	535	548,723	
Virginia College Building Authority, RB, Marymount University Project, Series B, 5.5076, 7701745 (a):	333	540,725	
5.00%, 7/01/35	130	136,369	
5.00%, 7/01/45	375	384,619	
	3/3	364,019	
Virginia Small Business Financing Authority, RB, Senior Lien, Elizabeth River Crossings OpCo LLC	6.005	7.064.606	
Project, AMT, 6.00%, 1/01/37	6,805	7,864,606	
		15,793,664	
Washington 0.8%		- , ,	
County of King Washington Public Hospital District No. 4, GO, Refunding, Snoqualmie Valley Hospital,			
7.00%, 12/01/40	1,455	1,602,202	
	1,733	1,002,202	
Greater Wenatchee Regional Events Center Public Facilities District, Refunding RB, Series A, 5.50%,	1 405	1 577 190	
9/01/42	1,495	1,577,180	
Washington State Housing Finance Commission, Refunding RB (a):			
5.75%, 1/01/35	315	320,478	
6.00%, 1/01/45	850	864,620	
		4,364,480	
Wisconsin 1.1%		1,501,100	
Public Finance Authority, RB, Series A:			
•	775	784,067	
4.75%, 12/01/35		· · · · · · · · · · · · · · · · · · ·	
5.00%, 12/01/45	1,875	1,901,081	
5.15%, 12/01/50	1,170	1,186,696	
	Par		
Municipal Bonds	(000)	Value	
Wisconsin (continued)	(***)		
Wisconsin Health & Educational Facilities Authority, Refunding RB, St. Johns Communities, Inc.,			
Series A (b):			
7.25%, 9/15/19	¢ 425	\$ 511.352	
	\$ 425	- /	
7.63%, 9/15/19	855	1,051,599	
		5,434,795	
Total Municipal Bonds 88.2%		450,940,984	
Total National Solids Cold /		130,510,501	
Municipal Bonds Transferred to			
Tender Option Bond Trusts (i)			
Colorado 2.5%			
Colorado Health Facilities Authority, Refunding RB, Sisters of Leavenworth Health System,	11 460	10.714.600	
Series A, 5.00%, 1/01/40	11,468	12,714,690	
Florida 3.2%			
County of Miami-Dade Florida, Refunding RB, Miami International Airport, Series A, AMT			
(AGC), 5.25%, 10/01/33	15,000	16,439,700	
Illinois 2.8%			
Illinois Finance Authority, RB, The Carle Foundation, Series A (AGM), 6.00%, 8/15/41	7,180	8,547,144	
State of Illinois Toll Highway Authority, RB, Senior Priority, Series A, 5.00%, 1/01/40	5,056	5,817,579	
	-,	-,,-,-	

		14,364,723	
New York 13.6%			
City of New York New York Housing Development Corp., RB, M/F Housing, Series D-1, Class B,			
4.25%, 11/01/45	8,996	9,279,570	
City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer			
System, 2nd General Resolution:			
Fiscal 2013, Series CC, 5.00%, 6/15/47	14,181	16,216,641	
Series HH, 5.00%, 6/15/31 (j)	8,610	10,076,886	
Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (j)	4,520	5,261,990	
New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated			
Bonds, 5.25%, 12/15/43	18,104	21,046,374	

BLACKROCK MUNIASSETS FUND, INC.

JANUARY 31, 2016

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BlackRock MuniAssets Fund, Inc. (MUA)

511,269,893

	Par		
Municipal Bonds Transferred to	1 41		
Tender Option Bond Trusts (i)	(000)	Value	
New York (continued)	(000)	v aruc	
New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%, 11/15/51			
(j)	\$ 6,600	\$ 7,719,489	
		69,600,950	
Washington 1.8%			
City of Bellingham Washington, RB, Water & Sewer, 5.00%, 8/01/40	7,966	9,176,132	
Total Municipal Bonds Transferred to			
Tender Option Bond Trusts 23.9%		122,296,195	
Total Long-Term Investments			
(Cost \$534,002,724) 112.1%		573,237,179	
Short-Term Securities	Shares	Value	
BlackRock Liquidity Funds, MuniCash, 0.02% (k)(l)	3,410,267	\$ 3,410,267	
Total Short-Term Securities			
(Cost \$3,410,267) 0.7%		3,410,267	
Total Investments (Cost \$537,412,991*) 112.8%		576,647,446	
Other Assets Less Liabilities 0.1%		729,260	
Liability for TOB Trust Certificates, Including Interest			
Expense and Fees Payable (12.9)%		(66,106,813)	

^{*} As of January 31, 2016, gross unrealized appreciation and depreciation based on cost for federal income tax purposes were as follows:

Tax cost	\$ 471,006,585
Gross unrealized appreciation	\$ 55,950,912
Gross unrealized depreciation	(16,396,574)
Net unrealized appreciation	\$ 39,554,338

Notes to Schedule of Investments

Net Assets Applicable to Common Shares 100.0%

- (a) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933, as amended. These securities may be resold in transactions exempt from registration to qualified institutional investors.
- (b) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.

(c)	Step-up bond that pays an initial coupon rate for the first period and then a	higher coupon rate for	the following period	s. Rate as of period end.	
(d)	When-issued security.				
(e)	Issuer filed for bankruptcy and/or is in default of interest payments.				
(f)	Non-income producing security.				
(g)	Zero-coupon bond.				
(h)	Variable rate security. Rate as of period end.				
(i)	Represent bonds transferred to a TOB Trust in exchange of cash and residu borrowing.	al certificates received	by the Fund. These b	oonds serve as collateral i	in a secured
(j)	All or a portion of security is subject to a recourse agreement. The aggregathe agreements, which expire between February 15, 2019 to November 15,		mount the Fund coul	ld ultimately be required	to pay under
(k)	During the period ended January 31, 2016, investments in issuers consider Company Act of 1940, as amended, were as follows:	ed to be affiliates of the	Fund for purposes of	of Section 2(a)(3) of the I	investment
		Shares Held at April 30,	Net	Shares Held at January 31,	
	iliate	2015	Activity	2016	Income
	ckRock Liquidity Funds, MuniCash Institutional Tax-Exempt Fund	961,095	3,410,267 (961,095)	3,410,267	\$ 293
	Current yield as of period end.	,	(, , , , ,		
10	BLACKROCK MUNIASSETS FUND, INC.		JANUARY	31, 2016	

BlackRock MuniAssets Fund, Inc. (MUA)

Derivative Financial Instruments Outstanding as of Period End

Financial Futures Contracts

Contracts			Notional	Unrealized
Short	Issue	Expiration	Value	Depreciation
(29)	5-Year U.S. Treasury Note	March 2016	\$3,499,484	\$ (48,794)
(38)	10-Year U.S. Treasury Note	March 2016	\$4,923,969	(103,391)
(18)	Long U.S. Treasury Bond	March 2016	\$2,898,563	(101,631)
(5)	Ultra U.S. Treasury Bond	March 2016	\$830,937	(29,850)
Total				\$ (283,666)

Portfolio Abbreviations

AGC	Assured Guarantee Corp.	EDA	Economic Development Authority	IDA	Industrial Development Authority
AGM	Assured Guaranty Municipal Corp.	EDC	Economic Development Corp.	M/F	Multi-Family
AMT	Alternative Minimum Tax (subject to)	ERB	Education Revenue Bonds	MRB	Mortgage Revenue Bonds
ARB	Airport Revenue Bonds	GO	General Obligation Bonds	RB	Revenue Bonds
CAB	Capital Appreciation Bonds		-		

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a fair value hierarchy consisting of three broad levels for financial reporting purposes as follows:

Level 1 unadjusted price quotations in active markets/exchanges for identical assets or liabilities that the Fund has the ability to access

Level 2 other observable inputs (including, but not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Fund s own assumptions used in determining the fair value of investments and derivative financial instruments)

The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the fair value hierarchy classification is determined based on the lowest level input that is significant to the fair value measurement in its entirety. The significant unobservable inputs used by the Global Valuation Committee in determining the price for Fair Valued Investments are typically categorized as Level 3.

BLACKROCK MUNIASSETS FUND, INC.

BlackRock MuniAssets Fund, Inc. (MUA)

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Changes in valuation techniques may result in transfers into or out of an assigned level within the hierarchy. In accordance with the Fund s policy, transfers between different levels of the fair value hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investments and derivative financial instruments and is not necessarily an indication of the risks associated with investing in those securities. For information about the Fund s policy regarding valuation of investments and derivative financial instruments, refer to the Fund s most recent financial statements as contained in its semi-annual report.

The following tables summarize the Fund s investments and derivative financial instruments categorized in the disclosure hierarchy:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 573,237,179		\$ 573,237,179
Short-Term Securities	\$ 3,410,267			3,410,267
Total	\$ 3,410,267	\$ 573,237,179		\$ 576,647,446

1 See above Schedule of Investments for values in each state or political subdivision.

			Level	
	Level 1	Level 2	3	Total
Derivative Financial Instruments ¹				
Liabilities:				
Interest rate contracts	\$ (283,666)			\$ (283,666)

¹ Derivative financial instruments are financial futures contracts, which are valued at the unrealized appreciation (depreciation) on the instrument. The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial reporting purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	To	tal
Assets:					
Cash	\$ 64			\$	64
Cash pledged for financial futures contracts	173,950			1	73,950
Liabilities:					
TOB Trust Certificates		\$ (66,086,523)		(66,0	86,523)
Total	\$ 174,014	\$ (66,086,523)		\$ (65,9	12,509)

During the period ended January 31, 2016, there were no transfers between levels.

12 BLACKROCK MUNIASSETS FUND, INC.

Item 2 Controls and Procedures

- 2(a) The registrant s principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant s disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the 1940 Act)) are effective as of a date within 90 days of the filing of this report based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) under the Securities Exchange Act of 1934, as amended.
- 2(b) There were no changes in the registrant s internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act) that occurred during the registrant s last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant s internal control over financial reporting.

Item 3 Exhibits

Certifications Attached hereto

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.

BlackRock MuniAssets Fund, Inc.

By: /s/ John M. Perlowski John M. Perlowski

Chief Executive Officer (principal executive officer) of

BlackRock MuniAssets Fund, Inc.

Date: March 22, 2016

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/ John M. Perlowski John M. Perlowski

Chief Executive Officer (principal executive officer) of

BlackRock MuniAssets Fund, Inc.

Date: March 22, 2016

By: /s/ Neal J. Andrews Neal J. Andrews

Chief Financial Officer (principal financial officer) of

BlackRock MuniAssets Fund, Inc.

Date: March 22, 2016