BLACKROCK MUNI INTERMEDIATE DURATION FUND, INC.

Form N-Q September 27, 2017

#### **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: 811-21348

Name of Fund: BlackRock Muni Intermediate Duration Fund, Inc. (MUI)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

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

Intermediate Duration Fund, Inc., 55 East 52<sup>nd</sup> Street, New York, NY 10055

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

Date of fiscal year end: 04/30/2018

Date of reporting period: 07/31/2017

Item 1 Schedule of Investments

## Schedule of Investments July 31, 2017 (Unaudited)

BlackRock Muni Intermediate Duration Fund, Inc. (MUI)

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
Alabama 2.9%		
City of Birmingham Alabama Special Care Facilities Financing Authority, RB, Children s Hospital (AGC), 6.00%, 6/01/19 (a)	\$ 4,615	\$ 5,032,796
County of Jefferson Alabama, RB, Limited Obligation School, Series A:		
5.50%, 1/01/21	5,500	5,510,120
5.25%, 1/01/23	6,500	6,511,310
Arizona 3.6%		17,054,226
Arizona Board of Regents, University of Arizona, RB, 5.00%, 8/01/28	2,000	2,272,720
Arizona Health Facilities Authority, Refunding RB, Phoenix Children s Hospital, Series A, 5.00%, 2/01/30	2,685	2,908,983
Arizona Industrial Development Authority, RB, Academies of Math & Science Projects, Series B, 4.25%, 7/01/27 (b)	590	588,802
Arizona State University, RB, Series D, 5.00%, 7/01/32	1,350	1,577,286
City of Phoenix Arizona IDA, RB, Facility, Legacy Traditional Schools Project, Series A,	2,223	-,,
5.75%, 7/01/24 (b)	750	834,818
City of Tucson Arizona, COP, Refunding (AGC), 4.00%, 7/01/20	2,325	2,504,769
County of Pinal Arizona Electric District No. 3, Refunding RB, 5.00%, 7/01/21 (a) Glendale Union School District No. 205, GO, Series C:	1,600	1,836,560
5.00%, 7/01/24	1,945	2,288,059
5.00%, 7/01/27  Phoppin Man Catagory Aimont Authority DR Man Project AMT.	500	573,980
Phoenix-Mesa Gateway Airport Authority, RB, Mesa Project, AMT: 5.00%, 7/01/27	700	779,282
5.00%, 7/01/32	1,925	2,106,181
Scottsdale IDA, Refunding RB, Scottsdale Healthcare, Series C (AGM), 5.00%, 9/01/35	2,050	2,208,096
	Par	
Municipal Bonds Arizona (continued)	(000)	Value
State of Arizona, COP, Department of Administration, Series A (AGM), 4.25%, 10/01/23	\$ 1,000	\$ 1,058,230
0.00		21,537,766
Arkansas 0.9% City of Benton Arkansas, RB, 5.00%, 6/01/29	1,055	1,220,487
University of Arkansas, Refunding RB:	1,033	1,220,407
5.00%, 3/01/31	2,315	2,703,781
5.00%, 3/01/34	1,270	1,466,241
		5,390,509
California 6.3% California Health Facilities Financing Authority, RB, Sutter Health, Series B, 5.00%, 8/15/22	2,135	2,390,517
California Health Facilities Financing Authority, Refunding RB, 5.00%, 11/15/29	1,930	2,390,317
California Infrastructure & Economic Development Bank, Refunding RB, 4.00%, 11/01/31	1,335	1,434,952
California Pollution Control Financing Authority, RB, Mandatory Put Bonds, Republic Services, Inc. Project, Series B, AMT, 5.25%, 6/01/23 (c)	605	612,048
City of Los Angeles Department of Airports, RB, Subordinate, Series A, AMT:		
5.00%, 5/15/30	2,500	2,983,375
5.00%, 5/15/31 City of San Jose California, Refunding ARB, AMT:	3,450	4,079,591
Norman Y Mineta San Jose International Airport SJC, Series A, 5.00%, 3/01/30	500	595,605
Series A-1, 5.00%, 3/01/25	2,000	2,223,700
City of San Jose California, Refunding RB, Norman Y Mineta San Jose International Airport SJC,	•	
AMT, Series A, 5.00%, 3/01/29	1,250	1,503,038
County of San Diego Regional Airport Authority, RB, Subordinate, Series B, AMT (d):	1 000	1 101 (22
5.00%, 7/01/30	1,000	1,191,630
5.00%, 7/01/31 Golden State Tobacco Securitization Corp., Refunding RB, Series A-1, 5.00%, 6/01/26	1,275 5,000	1,498,163 5,979,000
Colden State Tooleeo Securitzation Corp., Refunding RD, Series A-1, 5.00 /0, 0/01/20	5,000	3,777,000

BLACKROCK MUNI INTERMEDIATE DURATION FUND, INC.

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Municipal Bonds	Par (000)	Value
California (continued)		
San Marcos Schools Financing Authority, Refunding RB: 5.00%, 8/15/29	\$ 760	\$ 910,328
5.00%, 8/15/30	800	951,464
State of California, GO:		
5.50%, 4/01/28	15	15,052
Various Purposes, 5.00%, 11/01/17 (a) Various Purposes, 5.75%, 4/01/31	105 7,000	106,097 7,549,990
Various Purposes, 5.00%, 11/01/32	660	666,448
		,
		36,987,910
Colorado 1.0%  Denver Urban Renewal Authority, Refunding, Tax Allocation Bond, Stapleton, Senior-Series A-1,		
5.00%, 12/01/23	2,500	2,902,375
Park Creek Metropolitan District, Refunding, Tax Allocation Bonds, 5.00%, 12/01/34	500	551,880
University of Northern Colorado, Refunding RB, Series A, 5.00%, 6/01/31	2,000	2,300,020
Comment 260		5,754,275
Connecticut 2.6% Connecticut State Health & Educational Facility Authority, Refunding RB, Lawrence & Memorial		
Hospital, Series F, 5.00%, 7/01/31	4,530	4,904,178
University of Connecticut, RB, Series A:		
5.00%, 3/15/28	5,000	5,911,150
5.00%, 3/15/32	4,000	4,597,120
		15,412,448
District of Columbia 0.2% Ingleside Rock Creek Project, Series A, 4.13%, 7/01/27	1,000	993,940
Florida 7.2%	1,000	,,,,,,
County of Broward Florida School Board, COP, Refunding, Series A (AGM), 5.00%, 7/01/24	10,000	11,355,000
County of Lee Florida, Refunding ARB, Series A, AMT (AGM), 5.00%, 10/01/27	1,635	1,835,892
County of Lee Florida, Refunding RB, Series A, AMT, 5.50%, 10/01/23	1,000 <b>Par</b>	1,150,680
Municipal Bonds	(000)	Value
Florida (continued)	, ,	
County of Miami-Dade Florida, RB, AMT, Series B:		
6.00%, 10/01/28	\$ 3,470	\$ 4,141,341
6.00%, 10/01/29 County of Miami-Dade Florida Educational Facilities Authority, Refunding RB, Series A, 5.00%,	3,480	4,136,363
4/01/32	5,020	5,725,009
County of Miami-Dade Florida Transit System Sales Surtax Revenue, Refunding RB, 5.00%, 7/01/32	1,500	1,711,230
County of Miami-Dade Florida Water & Sewer System Revenue, Refunding RB, Series C (BHAC), 5.00%, 10/01/18 (a)	8,000	8,376,800
Lakewood Ranch Stewardship District, Special Assessment Bonds:	0,000	0,370,000
Del Webb Project, 3.65%, 5/01/22 (b)	640	646,656
Del Webb Project, 4.30%, 5/01/27 (b)	520	527,426
Lakewood National and Polo Run Projects, 4.00%, 5/01/22  Midtour Mioni Community Development District Refunding Special Accessment Rende Sprice A	1,500	1,525,260
Midtown Miami Community Development District, Refunding, Special Assessment Bonds, Series A, 4.25%, 5/01/24	1,485	1,583,841
Sterling Hill Community Development District, Refunding, Special Assessment Bonds, Series B,	1,100	1,000,011
5.50%, 11/01/10 (e)(f)	143	104,850
Georgia 2.7%		42,820,348
City of Atlanta Georgia Water & Wastewater Revenue, Refunding RB, 5.00%, 11/01/32 County of Cobb Kennestone Hospital Authority, Refunding RB, Revenue Anticipation Certificates (d):	10,315	12,153,030
5.00%, 4/01/31	800	928,928
5.00%, 4/01/32	1,250	1,444,662

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Municipal Bonds Georgia (continued)	Par (000)	Value
County of Fulton Development Authority, RB, Revenue Anticipation Certificates, Series A, 5.00%, 4/01/32 (d)	\$ 1,000	\$ 1,155,730
		15,682,350
Hawaii 0.9% State of Hawaii Airports System, Refunding ARB, Series A, 5.25%, 7/01/29	5,000	5,560,350
Illinois 14.4% City of Chicago Illinois Midway International Airport, Refunding ARB, 2nd Lien, Series A:	<b>5</b> 000	7.761.100
5.00%, 1/01/32 AMT, 5.50%, 1/01/32	5,000 1,500	5,561,100 1,696,560
City of Chicago Illinois O Hare International Airport, Refunding GARB, AMT, Series C: 5.25%, 1/01/28	1,350	1,534,747
5.25%, 1/01/29 City of Chicago Illinois O Hare International Airport, RB, Refunding GARB, 5.00%, 1/01/32 City of Chicago Illinois O Hare International Airport, Refunding GARB, Senior Lien, Series A, AMT,	3,020 3,745	3,418,580 4,309,484
5.00%, 1/01/23 City of Chicago Illinois Transit Authority, RB, 5.25%, 12/01/31	13,000 3,700	15,093,910 4,029,485
Madison-Macoupin Etc. Counties Community College District No. 536, GO, Refunding, Lewis & Clark Community College:	5,700	1,023,100
5.00%, 5/01/30 5.00%, 5/01/31	475 500	507,661 534,380
5.00%, 5/01/32 Railsplitter Tobacco Settlement Authority, RB:	500	533,005
5.50%, 6/01/23 6.25%, 6/01/24	3,500 11,750	3,988,110 11,988,877
State of Illinois, GO: 5.25%, 2/01/30	5,000	5,345,800
5.00%, 5/01/30 State of Illinois Toll Highway Authority, RB, Series A, 5.00%, 1/01/34	10,000 9,140	10,527,500 10,251,241
Municipal Bonds	Par (000)	Value
Illinois (continued) State of Illinois Toll Highway Authority, Refunding RB, Senior Series A, 5.00%, 12/01/31	\$ 5,220	\$ 6,016,520
Indiana 5.1%		85,336,960
City of Whiting Indiana, RB, BP Products North America, Inc. Project, 5.25%, 1/01/21 County of Jasper Indiana, Refunding RB, Northern Indiana Public Service Co., Series C (NPFGC),	4,800	5,368,320
5.85%, 4/01/19 Indiana Finance Authority, RB, Wastewater, 1st Lien, Series A, 5.25%, 10/01/31	2,000 10,000	2,130,720 11,540,700
Indiana Finance Authority, Refunding RB, US Steel Corp. Project, 6.00%, 12/01/19 Indiana Municipal Power Agency, Refunding RB, Series A, 5.00%, 1/01/33	5,000 5,000	5,162,550 5,845,350
		30,047,640
Iowa 1.1% Iowa Higher Education Loan Authority, RB, Private College Facility:		20,017,010
5.25%, 4/01/23	695	791,501
5.25%, 4/01/24 5.25%, 4/01/25	730 520	830,236 590,606
5.25%, 4/01/26 Iowa Higher Education Loan Authority, Refunding RB, Private College Facility:	360	408,190
5.00%, 9/01/20 (a)	2,315	2,589,952
Upper Iowa University Project, 5.00%, 9/01/20 (g)	1,000	1,090,280
Kansas 1.4%		6,300,765
Kansas Development Finance Authority, Refunding RB, Adventist Health System/Sunbelt Obligated Group, Series C, 5.00%, 11/15/23	1,500	1,627,800
Seward County Unified School District No. 480 Liberal, GO, Refunding:		

5.00%, 9/01/33 1,005 1,170,282

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Municipal Bonds Kansas (continued)	Par (000)	Value
Seward County Unified School District No. 480 Liberal, GO, Refunding (continued): 5.00%, 9/01/33	\$ 4,995	\$ 5,585,010
Ventuelry 0.5%		8,383,092
Kentucky 0.5% County of Louisville/Jefferson Metropolitan Government, Refunding RB, Catholic Health Initiatives,	2.750	2 021 765
Series A, 5.00%, 12/01/31  Louisiana 3.7%  City of Paris City Levitor Page 15 00%, 10/01/22	2,750	2,921,765
City of Bossier City Louisiana Utilities, Refunding RB, 5.00%, 10/01/32 City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring, Series A-2 (AGC),	2,000	2,310,520
6.00%, 1/01/19 (a) Louisiana Local Government Environmental Facilities & Community Development Authority, Refunding RB, BRCC Facilities Corp. Project:	850	910,257
5.00%, 12/01/27	3,445	3,894,262
5.00%, 12/01/28	3,715	4,199,473
New Orleans Aviation Board, RB:	5,715	1,177,173
General Airport, North Terminal Project, Series B, AMT, 5.00%, 1/01/32	800	931,816
Series A, 5.00%, 1/01/32	1,000	1,152,900
Series A, 5.00%, 1/01/33	1,000	1,148,560
State of Louisiana Gasoline & Fuels Tax Revenue, Refunding RB, 4.00%, 5/01/34	3,000	3,183,690
Terrebonne Levee & Conservation District, RB, Sales Tax, 5.00%, 7/01/28	3,660	4,091,917
Maine 0.3%		21,823,395
Portland Housing Development Corp., Refunding RB, Senior Living, Retirement Facilities, Series A,		
6.00%, 2/01/34 Maryland 0.8%	1,965	1,967,535
Maryland EDC, RB, Transportation Facilities Project, Series A, 5.13%, 6/01/20	1,375 <b>Par</b>	1,455,080
Municipal Bonds	(000)	Value
Maryland (continued) Maryland Health & Higher Educational Facilities Authority, RB, Johns Hopkins Health System,		
Series B, 5.00%, 7/01/33	\$ 1,140	\$ 1,289,101
Maryland Health & Higher Educational Facilities Authority, Refunding RB, 5.00%, 7/01/33	1,500	1,683,105
Maryland Health & Higher Educational Facilities Additionly, Returning RB, 5.00 %, 7/01/55	1,500	1,005,105
Massachusetts 1.7%		4,427,286
Massachusetts Development Finance Agency, Refunding RB:		
Emerson College, 5.00%, 1/01/31	1,730	1,935,316
Suffolk University, 5.00%, 7/01/29	2,700	3,147,606
Suffolk University, 5.00%, 7/01/30	3,125	3,618,406
Massachusetts Health & Educational Facilities Authority, Refunding RB, Winchester Hospital, 5.00%, 7/01/25	1,060	1,155,644
		9,856,972
Michigan 3.1% Manistee Area Public Schools, GO, Refunding (Q-SBLF), 5.00%, 5/01/25	1,000	1,121,570
Michigan Finance Authority, Refunding RB, Senior Lien, Detroit Water and Sewer, Series C-3 (AGM), 5.00%, 7/01/31		
· // /	4,000	4,566,000
Michigan State Building Authority, Refunding RB, Facilities Program, Series II-A, 5.00%, 10/15/24 Michigan State Hospital Finance Authority, Refunding RB, Henry Ford Health System,	2,500	2,841,800
5.25%, 11/15/19 (a) State of Michigan, Refunding RB, Grant Anticipation, 5.00%, 3/15/25	4,900 3,750	5,365,647 4,572,975
		18,467,992
Minnesota 1.2%		
City of Minneapolis, RB, YMCA of the Greater Twin Cities Project:	150	160 200
4.00%, 6/01/30 4.00%, 6/01/31	150 50	160,299 53,055
T.UU /U, UIU II J I	30	33,033

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	Par	
Municipal Bonds	(000)	Value
Minnesota (continued)		
County of St. Paul Minnesota Housing & Redevelopment Authority, RB, Great River School Project,	d 250	¢ 252.047
Series A, 4.75%, 7/01/29 (b)(d)  University of Minnesote RR. Riemadical Science Records Facilities Funding Programs	\$ 250	\$ 252,947
University of Minnesota, RB, Biomedical Science Research Facilities Funding Program: Series B, 5.00%, 8/01/36	1,000	1,122,050
Series C, 5.00%, 8/01/37	1,390	1,639,380
Series C, 5.00%, 8/01/28	740	870,344
Series C, 5.00%, 8/01/29	1,555	1,822,242
Series C, 5.00%, 8/01/30	835	974,044
		6,894,361
Missouri 0.6%		-, ,
Health & Educational Facilities Authority of the State of Missouri, Refunding RB, Webster University		
Project, 5.00%, 4/01/27	3,155	3,749,528
Montana 0.1%		
County of Yellowstone Montana School District No. 2 Billings, GO, 5.00%, 6/15/30	500	580,395
Nebraska 1.1%	000	021.704
County of Douglas Nebraska Hospital Authority No. 3, Refunding RB, 5.00%, 11/01/30	800	921,704
County of Lancaster Nebraska Hospital Authority No. 1, Refunding RB, Immanuel Obligation Group, 5.50%, 1/01/30	1,000	1,084,620
Nebraska Public Power District, Refunding RB:	1,000	1,004,020
Series A, 5.00%, 1/01/30	1,000	1,137,090
Series A, 5.00%, 1/01/32	2,000	2,265,060
Series A-1, 3.00%, 1/01/33	900	881,442
		6,289,916
Nevada 1.7%		
County of Clark Nevada Department of Aviation, Refunding RB, 5.00%, 7/01/33	5,000	5,680,500
County of Clark Nevada Department of Aviation, Refunding RB, 5.00%, 7/01/33	5,000 <b>Par</b>	5,680,500
Municipal Bonds	· · · · · · · · · · · · · · · · · · ·	5,680,500 <b>Value</b>
Municipal Bonds Nevada (continued)	Par (000)	Value
Municipal Bonds	Par	
Municipal Bonds Nevada (continued)	Par (000)	Value
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24	Par (000)	Value
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4%	Par (000)	<b>Value</b> \$ 4,076,982
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM),	Par (000) \$ 3,800	Value \$ 4,076,982 9,757,482
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20	Par (000)	<b>Value</b> \$ 4,076,982
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT:	Par (000) \$ 3,800	Value \$ 4,076,982 9,757,482 2,157,460
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23	Par (000) \$ 3,800 2,000 6,040	Value \$ 4,076,982 9,757,482 2,157,460 6,532,743
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/26	Par (000) \$ 3,800	Value \$ 4,076,982 9,757,482 2,157,460
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23	Par (000) \$ 3,800 2,000 6,040 1,500	Value \$ 4,076,982 9,757,482 2,157,460 6,532,743 1,714,545
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/26 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/27	Par (000) \$ 3,800 2,000 6,040 1,500 1,000 3,000	Value \$ 4,076,982 9,757,482 2,157,460 6,532,743 1,714,545
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/26 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/27 New Jersey EDA, Refunding RB: New Jersey American Water Co., Series E, AMT, 4.70%, 12/01/25 School Facilities Construction, Series AA, 4.25%, 12/15/24	Par (000) \$ 3,800 2,000 6,040 1,500 1,000	Value \$ 4,076,982 9,757,482 2,157,460 6,532,743 1,714,545 1,139,900 3,255,660 3,891,773
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/26 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/27 New Jersey EDA, Refunding RB: New Jersey American Water Co., Series E, AMT, 4.70%, 12/01/25 School Facilities Construction, Series AA, 4.25%, 12/15/24 School Facilities Construction, Series EE, 5.00%, 9/01/23	Par (000) \$ 3,800 2,000 6,040 1,500 1,000 3,000	Value \$ 4,076,982 9,757,482 2,157,460 6,532,743 1,714,545 1,139,900 3,255,660
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/26 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/27 New Jersey EDA, Refunding RB: New Jersey EDA, Refunding RB: New Jersey American Water Co., Series E, AMT, 4.70%, 12/01/25 School Facilities Construction, Series AA, 4.25%, 12/15/24 School Facilities Construction, Series EE, 5.00%, 9/01/23 New Jersey Educational Facilities Authority, RB, Higher Education Facilities Trust Fund,	Par (000) \$ 3,800  2,000  6,040 1,500 1,000  3,000 3,850 3,465	Value \$ 4,076,982 9,757,482 2,157,460 6,532,743 1,714,545 1,139,900 3,255,660 3,891,773 3,658,035
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/26 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/27 New Jersey EDA, Refunding RB: New Jersey EDA, Refunding RB: New Jersey American Water Co., Series E, AMT, 4.70%, 12/01/25 School Facilities Construction, Series AA, 4.25%, 12/15/24 School Facilities Construction, Series EE, 5.00%, 9/01/23 New Jersey Educational Facilities Authority, RB, Higher Education Facilities Trust Fund, 5.00%, 6/15/28	Par (000) \$ 3,800  2,000  6,040 1,500 1,000  3,000 3,850 3,465  10,000	Value \$ 4,076,982 9,757,482 2,157,460 6,532,743 1,714,545 1,139,900 3,255,660 3,891,773 3,658,035 10,516,600
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/26 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/27 New Jersey EDA, Refunding RB: New Jersey EDA, Refunding RB: New Jersey American Water Co., Series E, AMT, 4.70%, 12/01/25 School Facilities Construction, Series AA, 4.25%, 12/15/24 School Facilities Construction, Series EE, 5.00%, 9/01/23 New Jersey Educational Facilities Authority, RB, Higher Education Facilities Trust Fund, 5.00%, 6/15/28 New Jersey Educational Facilities Authority, Refunding RB, 5.00%, 7/01/30	Par (000) \$ 3,800  2,000  6,040 1,500 1,000  3,000 3,850 3,465	Value \$ 4,076,982 9,757,482 2,157,460 6,532,743 1,714,545 1,139,900 3,255,660 3,891,773 3,658,035
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/26 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/27 New Jersey EDA, Refunding RB: New Jersey EDA, Refunding RB: New Jersey American Water Co., Series E, AMT, 4.70%, 12/01/25 School Facilities Construction, Series AA, 4.25%, 12/15/24 School Facilities Construction, Series EE, 5.00%, 9/01/23 New Jersey Educational Facilities Authority, RB, Higher Education Facilities Trust Fund, 5.00%, 6/15/28 New Jersey Educational Facilities Authority, Refunding RB, 5.00%, 7/01/30 New Jersey Health Care Facilities Financing Authority, Refunding RB, St. Joseph Health System	Par (000) \$ 3,800  2,000  6,040 1,500 1,000 3,000 3,850 3,465  10,000 5,000	Value \$ 4,076,982 9,757,482 2,157,460 6,532,743 1,714,545 1,139,900 3,255,660 3,891,773 3,658,035 10,516,600 5,717,000
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/26 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/27 New Jersey EDA, Refunding RB: New Jersey EDA, Refunding RB: New Jersey American Water Co., Series E, AMT, 4.70%, 12/01/25 School Facilities Construction, Series AA, 4.25%, 12/15/24 School Facilities Construction, Series EE, 5.00%, 9/01/23 New Jersey Educational Facilities Authority, RB, Higher Education Facilities Trust Fund, 5.00%, 6/15/28 New Jersey Educational Facilities Authority, Refunding RB, 5.00%, 7/01/30 New Jersey Health Care Facilities Financing Authority, Refunding RB, St. Joseph Health System Obligated Group Issue, 5.00%, 7/01/30	Par (000) \$ 3,800  2,000  6,040 1,500 1,000  3,000 3,850 3,465  10,000	Value \$ 4,076,982 9,757,482 2,157,460 6,532,743 1,714,545 1,139,900 3,255,660 3,891,773 3,658,035 10,516,600
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/26 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/27 New Jersey EDA, Refunding RB: New Jersey EDA, Refunding RB: New Jersey American Water Co., Series E, AMT, 4.70%, 12/01/25 School Facilities Construction, Series AA, 4.25%, 12/15/24 School Facilities Construction, Series EE, 5.00%, 9/01/23 New Jersey Educational Facilities Authority, RB, Higher Education Facilities Trust Fund, 5.00%, 6/15/28 New Jersey Educational Facilities Authority, Refunding RB, 5.00%, 7/01/30 New Jersey Health Care Facilities Financing Authority, Refunding RB, St. Joseph Health System Obligated Group Issue, 5.00%, 7/01/30 New Jersey Higher Education Student Assistance Authority, Refunding RB:	Par (000) \$ 3,800  2,000  6,040 1,500 1,000 3,850 3,465  10,000 5,000 1,595	Value \$ 4,076,982 9,757,482 2,157,460 6,532,743 1,714,545 1,139,900 3,255,660 3,891,773 3,658,035 10,516,600 5,717,000
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/26 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/27 New Jersey EDA, Refunding RB: New Jersey EDA, Refunding RB: New Jersey American Water Co., Series E, AMT, 4.70%, 12/01/25 School Facilities Construction, Series AA, 4.25%, 12/15/24 School Facilities Construction, Series EE, 5.00%, 9/01/23 New Jersey Educational Facilities Authority, RB, Higher Education Facilities Trust Fund, 5.00%, 6/15/28 New Jersey Educational Facilities Authority, Refunding RB, 5.00%, 7/01/30 New Jersey Health Care Facilities Financing Authority, Refunding RB, St. Joseph Health System Obligated Group Issue, 5.00%, 7/01/30	Par (000) \$ 3,800  2,000  6,040 1,500 1,000 3,000 3,850 3,465  10,000 5,000	Value \$ 4,076,982 9,757,482 2,157,460 6,532,743 1,714,545 1,139,900 3,255,660 3,891,773 3,658,035 10,516,600 5,717,000 1,783,992
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/26 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/27 New Jersey EDA, Refunding RB: New Jersey American Water Co., Series E, AMT, 4.70%, 12/01/25 School Facilities Construction, Series AA, 4.25%, 12/15/24 School Facilities Construction, Series EE, 5.00%, 9/01/23 New Jersey Educational Facilities Authority, RB, Higher Education Facilities Trust Fund, 5.00%, 6/15/28 New Jersey Educational Facilities Authority, Refunding RB, 5.00%, 7/01/30 New Jersey Health Care Facilities Financing Authority, Refunding RB, St. Joseph Health System Obligated Group Issue, 5.00%, 7/01/30 New Jersey Higher Education Student Assistance Authority, Refunding RB: Series 1, AMT, 5.50%, 12/01/26	Par (000) \$ 3,800  2,000  6,040 1,500 1,000 3,850 3,465  10,000 5,000 1,595 1,040	Value \$ 4,076,982 9,757,482 2,157,460 6,532,743 1,714,545 1,139,900 3,255,660 3,891,773 3,658,035 10,516,600 5,717,000 1,783,992 1,141,275
Municipal Bonds Nevada (continued) County of Humboldt Nevada, Refunding RB, Idaho Power Co. Project, 5.15%, 12/01/24  New Jersey 23.4% County of Essex New Jersey Improvement Authority, LRB, Newark Project, Series A (AGM), 5.00%, 11/01/20 New Jersey EDA, RB, AMT: Continental Airlines, Inc. Project, 5.13%, 9/15/23 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/26 Goethals Bridge Replacement Project, Private Activity Bond, 5.50%, 1/01/27 New Jersey EDA, Refunding RB: New Jersey EDA, Refunding RB: New Jersey American Water Co., Series E, AMT, 4.70%, 12/01/25 School Facilities Construction, Series AA, 4.25%, 12/15/24 School Facilities Construction, Series EE, 5.00%, 9/01/23 New Jersey Educational Facilities Authority, RB, Higher Education Facilities Trust Fund, 5.00%, 6/15/28 New Jersey Health Care Facilities Financing Authority, Refunding RB, St. Joseph Health System Obligated Group Issue, 5.00%, 7/01/30 New Jersey Health Care Facilities Financing Authority, Refunding RB: Series 1, AMT, 5.50%, 12/01/26 Student Loan, Series 1A, 4.75%, 12/01/21	Par (000) \$ 3,800  2,000  6,040 1,500 1,000 3,850 3,465  10,000 5,000  1,595 1,040 1,370	Value \$ 4,076,982 9,757,482 2,157,460 6,532,743 1,714,545 1,139,900 3,255,660 3,891,773 3,658,035 10,516,600 5,717,000 1,783,992 1,141,275 1,459,077

BLACKROCK MUNI INTERMEDIATE DURATION FUND, INC.

JULY 31, 2017

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Martin In all	Par	¥7.1
Municipal Bonds New Jersey (continued)	(000)	Value
New Jersey (continued) New Jersey Transportation Trust Fund Authority, RB:		
Federal Highway Reimbursement Revenue Notes, Series A, 5.00%, 6/15/30	\$ 2,000	\$ 2,146,100
Federal Highway Reimbursement Revenue Notes, Series A-2, 5.00%, 6/15/30	10,000	10,202,700
Series B, 5.25%, 6/15/26	3,500	3,706,850
Transportation Program, Series AA, 5.25%, 6/15/31	12,000	12,751,800
		, ,
Transportation Program, Series AA, 5.25%, 6/15/32	2,250	2,406,870
Transportation System, Series A, 5.25%, 6/15/24	3,185	3,398,140
Transportation System, Series B, 5.50%, 6/15/31	13,970	14,657,883
Transportation System, Series C, 5.25%, 6/15/32	10,000	10,698,600
Newark Housing Authority, RB, Series A:	1 220	1 400 571
5.00%, 12/01/23	1,230	1,428,571
5.00%, 12/01/25	1,345	1,540,913
South Jersey Port Corp., RB, Marine Terminal, Series O-1 (AGC), 4.63%, 1/01/19 (a)	1,375	1,447,325
State of New Jersey, GO, Various Purposes, 5.00%, 6/01/28	5,000	5,674,300
		138,363,232
New Mexico 1.2%		
Albuquerque Municipal School District No. 12, GO, Series 2017, 5.00%, 8/01/30	1,250	1,505,212
County of Albuquerque Bernalillo New Mexico Water Utility Authority, Refunding RB, 4.00%,		
7/01/33	2,510	2,696,644
New Mexico Hospital Equipment Loan Council, Refunding RB, 5.00%, 8/01/31	2,500	2,901,475
		7,103,331
New York 18.0%		7,103,331
Brooklyn Arena Local Development Corp., Refunding RB, Barclays Center Project, Series A,	500	570 700
5.00%, 7/15/30	500	579,700
Build NYC Resource Corp., Refunding RB, New York Law School Project, 5.00%, 7/01/33	3,085	3,424,504
M. C. In. I	Par	X7.1
Municipal Bonds	(000)	Value
New York (continued)	¢ (105	¢ 7.256 402
City of New York New York, GO, Refunding, Series A, 5.00%, 8/01/29	\$ 6,125	\$ 7,356,492
City of New York New York, GO:	1.250	4 451 402
Sub-Series B-1, 5.25%, 9/01/22	4,250	4,451,492
Sub-Series I-1, 5.50%, 4/01/21	5,000	