

BLACKROCK MUNIYIELD NEW JERSEY FUND, INC.
Form N-Q
June 20, 2018

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 811-06570

Name of Fund: BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

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

New Jersey 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: 07/31/2018

Date of reporting period: 04/30/2018

Item 1 Schedule of Investments

Schedule of Investments (unaudited)

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

April 30, 2018

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Municipal Bonds 127.3%		
New Jersey 126.2%		
Corporate 11.0%		
County of Salem New Jersey Pollution Control Financing Authority, Refunding RB, Atlantic City Electric, Series A, 4.88%, 06/01/29	\$ 4,550	\$ 4,742,647
New Jersey EDA, RB:		
Continental Airlines, Inc. Project, Series A, AMT, 5.63%, 11/15/30	1,730	1,935,766
Series B, AMT, 5.63%, 11/15/30	485	542,686
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 07/01/25 ^(a)	215	254,326
5.25%, 07/01/25	1,785	2,021,191
Provident Group-Kean Properties, Series A, 5.00%, 07/01/47	440	466,303
New Jersey EDA, Refunding RB:		
Duke Farms Foundation Project, 4.00%, 07/01/46	1,330	1,376,257
New Jersey American Water Co., Inc. Project, Series A, AMT, 5.70%, 10/01/39	7,900	8,243,255
Series B, AMT, 5.60%, 11/01/34	2,430	2,563,699
Sub Series A, 5.00%, 07/01/33	1,050	1,129,842
Sub Series A, 4.00%, 07/01/34	1,270	1,240,358
		24,516,330
County/City/Special District/School District 17.8%		
Casino Reinvestment Development Authority, Refunding RB:		
5.25%, 11/01/39	2,280	2,415,728
5.25%, 11/01/44	5,600	5,934,600
City of Bayonne New Jersey, GO, Refunding, Qualified General Improvement, (BAM):		
5.00%, 07/01/33	925	1,026,907
5.00%, 07/01/35	1,435	1,583,422
City of Margate New Jersey, GO, Refunding, Improvement ^(c) :		
5.00%, 01/15/21	1,200	1,291,920
	<i>Par (000)</i>	<i>Value</i>
Security		
County/City/Special District/School District (continued)		
City of Margate New Jersey, GO, Refunding, Improvement ^(c) (continued):		
5.00%, 01/15/21	\$ 845	\$ 909,727
City of Perth Amboy New Jersey, GO, CAB, Refunding (AGM),		
5.00%, 07/01/33	755	756,057
County of Essex New Jersey Improvement Authority, RB, AMT,		
5.25%, 07/01/45 ^(b)	3,765	3,799,939
County of Essex New Jersey Improvement Authority, Refunding RB, Project Consolidation (NPFGC):		
5.50%, 10/01/28	2,700	3,337,983
5.50%, 10/01/29	5,085	6,339,317

Edgar Filing: BLACKROCK MUNIYIELD NEW JERSEY FUND, INC. - Form N-Q

County of Hudson New Jersey Improvement Authority, RB, Harrison Parking Facility Project, Series C (AGC), 5.38%, 01/01/44	4,800	4,904,544
County of Mercer New Jersey Improvement Authority, RB, Courthouse Annex Project, 5.00%, 09/01/40	1,470	1,618,397
County of Middlesex New Jersey, COP, Refunding, Civic Square IV Redevelopment, 5.00%, 10/15/31	1,400	1,670,886
County of Union New Jersey Improvement Authority, LRB, Guaranteed Lease, Family Court Building Project, 5.00%, 05/01/42	1,400	1,519,028
County of Union New Jersey Utilities Authority, Refunding RB, Resources Recovery Facility, Covanta Union, Inc., AMT, Series A, 5.25%, 12/01/31	670	732,236
Monroe Township Board of Education Middlesex County, GO, Refunding, 5.00%, 03/01/38	1,625	1,785,339
		39,626,030
Education 22.2%		
County of Atlantic New Jersey Improvement Authority, RB, Stockton University Atlantic City, Series A (AGM), 4.00%, 07/01/46	600	610,020
New Jersey EDA, RB: Hatikvah International Academy Charter School Project, Series A, 5.00%, 07/01/27 ^(b)	215	219,584

Schedule of Investments (unaudited) (continued)

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

April 30, 2018

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Education (continued)		
New Jersey EDA, RB (continued):		
Hatikvah International Academy Charter School Project, Series A, 5.25%, 07/01/37 ^(b)	\$ 590	\$ 589,953
5.38%, 07/01/47 ^(b)	1,020	1,020,286
MSU Student Housing Project Provide, 5.75%, 06/01/20 ^(c)	1,000	1,076,450
5.88%, 06/01/20 ^(c)	1,500	1,618,485
School Facilities Construction (AGC), 5.50%, 12/15/18 ^(c)	1,295	1,324,435
5.50%, 12/15/34	25	25,532
Team Academy Charter School Project, 6.00%, 10/01/33	2,835	3,140,415
New Jersey EDA, Refunding RB ^(b) :		
Greater Brunswick Charter School, Inc. Project, Series A, 5.88%, 08/01/44	780	788,237
Greater Brunswick Charter School, Inc. Project, Series A, 6.00%, 08/01/49	555	560,977
Teaneck Community Charter School Project, Series A, 4.25%, 09/01/27	210	204,931
Teaneck Community Charter School Project, Series A, 5.00%, 09/01/37	450	437,472
5.13%, 09/01/52	1,000	943,790
New Jersey Educational Facilities Authority, RB:		
Higher Educational Capital Improvement Fund, Series A, 5.00%, 09/01/32	2,500	2,647,075
Rider University Issue, Series F, 4.00%, 07/01/42	1,155	1,078,470
5.00%, 07/01/47	820	867,511
New Jersey Educational Facilities Authority, Refunding RB:		
College of New Jersey, Series D (AGM), 5.00%, 07/01/18 ^(c)	1,000	1,005,380
Kean University, Series A, 5.50%, 09/01/19 ^(c)	4,500	4,706,235
Montclair State University, Series A, 5.00%, 07/01/44	6,790	7,480,475
New Jersey Institute of Technology, Series H, 5.00%, 07/01/31	1,250	1,321,075
Ramapo College, Series B, 5.00%, 07/01/42	340	367,248
Rider University, Series A, 5.00%, 07/01/32	1,000	1,048,180
Rowan University, Series B (AGC), 5.00%, 07/01/18 ^(c)	1,800	1,809,684
Seton Hall University, Series D, 5.00%, 07/01/38	395	434,105
	<i>Par</i>	
<i>Security</i>	<i>(000)</i>	<i>Value</i>
Education (continued)		
New Jersey Educational Facilities Authority, Refunding RB (continued):		
Stevens Institute of Technology, Series A, 5.00%, 07/01/42	\$ 540	\$ 598,099
Stevens Institute of Technology, Series A, 4.00%, 07/01/47	555	559,645
University of Medicine & Dentistry, Series B, 7.13%, 06/01/19 ^(c)	1,300	1,370,694
New Jersey Higher Education Student Assistance Authority, Refunding RB:		
Series 1, AMT, 5.75%, 12/01/29	2,435	2,607,641
Series 1A, 5.00%, 12/01/25	555	576,273
Series 1A, 5.00%, 12/01/26	345	358,182

Edgar Filing: BLACKROCK MUNIYIELD NEW JERSEY FUND, INC. - Form N-Q

Series 1A, 5.25%, 12/01/32	900	935,397
New Jersey Institute of Technology, RB, Series A: 5.00%, 07/01/40	1,500	1,665,480
5.00%, 07/01/42	2,110	2,274,812
5.00%, 07/01/45	2,935	3,248,928
		49,521,156
Health 9.5%		
County of Camden New Jersey Improvement Authority, Refunding RB, 5.00%, 02/15/34	590	629,589
New Jersey Health Care Facilities Financing Authority, RB: Inspira Health Obligated Group, 5.00%, 07/01/42	1,105	1,223,887
Meridian Health System Obligated Group, Series I (AGC), 5.00%, 07/01/18 ^(c)	925	929,976
Robert Wood Johnson University Hospital, Series A, 5.50%, 07/01/43	1,420	1,593,652
Virtua Health, Series A (AGC), 5.50%, 07/01/38	2,500	2,598,625
New Jersey Health Care Facilities Financing Authority, Refunding RB: AHS Hospital Corp., 6.00%, 07/01/21 ^(c)	2,435	2,729,708
Princeton Healthcare System, 5.00%, 07/01/34	860	949,595
5.00%, 07/01/39	1,445	1,575,194
Robert Wood Johnson University Hospital, 5.00%, 01/01/20 ^(c)	1,000	1,047,990

Schedule of Investments (unaudited) (continued)

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

April 30, 2018

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Health (continued)		
New Jersey Health Care Facilities Financing Authority, Refunding RB (continued):		
RWJ Barnabas Health Obligated Group, Series A, 4.00%, 07/01/43	\$ 935	\$ 949,951
5.00%, 07/01/43	2,160	2,373,754
St. Barnabas Health Care System, Series A, 5.63%, 07/01/21 ^(c)	1,090	1,202,401
St. Barnabas Health Care System, Series A, 5.63%, 07/01/21 ^(c)	3,030	3,342,453
		21,146,775
Housing 3.9%		
New Jersey EDA, Refunding RB, Provident Group-Montclair Properties LLC (AGM), 5.00%, 06/01/42		
	1,970	2,162,745
New Jersey Housing & Mortgage Finance Agency, RB:		
M/F Housing, Series A, 4.75%, 11/01/29	2,305	2,355,456
S/F Housing, Series CC, 5.00%, 10/01/34	1,365	1,391,945
S/F Housing, Series U, AMT, 4.95%, 10/01/32	45	45,059
5.00%, 10/01/37	35	35,045
New Jersey Housing & Mortgage Finance Agency, Refunding RB, Series D, AMT, 4.25%, 11/01/37	745	745,499
Newark Housing Authority, RB, South Ward Police Facility (AGC), 6.75%, 12/01/19 ^(c)	1,750	1,878,083
		8,613,832
State 8.5%		
Garden State Preservation Trust, RB, CAB, Series B (AGM) ^(d) :		
0.00%, 11/01/23	1,460	1,240,883
0.00%, 11/01/28	4,540	3,186,808
New Jersey EDA, RB, School Facilities Construction, Series CC-2, 5.00%, 12/15/31	1,125	1,159,369
New Jersey EDA, Refunding RB:		
Cigarette Tax, 5.00%, 06/15/26	440	471,029
Cigarette Tax, 5.00%, 06/15/28	720	768,190
Cigarette Tax, 5.00%, 06/15/29	1,760	1,874,998
	<i>Par (000)</i>	<i>Value</i>
State (continued)		
New Jersey EDA, Refunding RB (continued):		
School Facilities Construction, 5.25%, 06/15/19 ^(c)	\$ 265	\$ 274,900
School Facilities Construction, Series AA, 5.25%, 06/15/19 ^(c)	70	72,615
5.50%, 06/15/19 ^(c)	2,005	2,085,441
5.50%, 12/15/29	995	1,027,387
5.25%, 12/15/33	665	684,152
Series GG, 5.25%, 09/01/27	3,000	3,150,900
	1,785	1,810,168

Edgar Filing: BLACKROCK MUNIYIELD NEW JERSEY FUND, INC. - Form N-Q

New Jersey Health Care Facilities Financing Authority, RB, Hospital Asset Transformation Program, Series A, 5.25%, 10/01/18 ^(c)		
State of New Jersey, COP, Equipment Lease Purchase, Series A, 5.25%, 06/15/19 ^(c)	1,100	1,140,480
		18,947,320
Tobacco 4.0%		
Tobacco Settlement Financing Corp., Refunding RB:		
Series A, 5.25%, 06/01/46	760	844,079
Sub-Series B, 5.00%, 06/01/46	7,605	7,979,318
		8,823,397
Transportation 47.6%		
Delaware River Port Authority of Pennsylvania & New Jersey, RB:		
5.00%, 01/01/40	2,620	2,851,084
Series D, 5.00%, 01/01/40	1,535	1,601,205
New Jersey EDA, RB, Goethals Bridge Replacement Project, AMT, Private Activity Bond:		
5.38%, 01/01/43	9,420	10,264,315
(AGM), 5.00%, 01/01/31	1,000	1,103,430
New Jersey State Turnpike Authority, RB:		
Series A, 5.00%, 07/01/22 ^(c)	385	427,820
Series A, 5.00%, 07/01/22 ^(c)	10,750	11,968,297
Series A, 5.00%, 01/01/35	625	709,512
Series E, 5.25%, 01/01/19 ^(c)	2,525	2,581,484
New Jersey State Turnpike Authority, Refunding RB:		
Series A, 5.00%, 01/01/22 ^(c)	1,000	1,099,500
Series E, 5.00%, 01/01/32	150	174,180

Schedule of Investments (unaudited) (continued)

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

April 30, 2018

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Transportation (continued)		
New Jersey State Turnpike Authority, Refunding RB (continued):		
Series G, 4.00%, 01/01/43	\$ 1,355	\$ 1,391,057
New Jersey Transportation Trust Fund Authority, RB:		
CAB, Transportation System, Series C (AMBAC), 0.00%, 12/15/35 ^(d)	4,140	1,798,002
Federal Highway Reimbursement Revenue Notes, Series A, 5.00%, 06/15/30	1,250	1,365,775
Series A-2, 5.00%, 06/15/30	6,570	6,589,841
Series AA, 5.00%, 06/15/38	5,935	6,204,924
Transportation Program, Series AA, 5.25%, 06/15/41	2,960	3,153,170
Transportation System, 6.00%, 12/15/38	1,950	1,995,162
Series A, 6.00%, 06/15/35	6,030	6,574,027
5.88%, 12/15/38	3,650	3,723,985
Series A, 5.50%, 06/15/41	5,500	5,737,765
Series A (AGC), 5.63%, 12/15/28	1,250	1,278,662
5.50%, 12/15/38	1,000	1,021,980
Series AA, 5.50%, 06/15/39	5,520	5,896,961
New Jersey Turnpike Authority, Refunding RB, Series B, 5.00%, 01/01/40	4,000	4,533,800
Port Authority of New York & New Jersey, ARB:		
Consolidated, 169th Series, 5.00%, 10/15/41	250	266,788
Consolidated, 93rd Series, 6.13%, 06/01/94	5,000	5,941,900
JFK International Air Terminal, Series 8, 6.00%, 12/01/42	2,700	2,952,396
Port Authority of New York & New Jersey, Refunding ARB, Consolidated: 152nd Series, AMT, 5.75%, 11/01/30	2,300	2,300,000
	<i>Par (000)</i>	<i>Value</i>
<i>Security</i>		
Transportation (continued)		
Port Authority of New York & New Jersey, Refunding ARB, Consolidated (continued):		
152nd Series, AMT, 5.25%, 11/01/35	\$ 240	\$ 240,000
166th Series, 5.25%, 07/15/36	4,000	4,313,920
172nd Series, AMT, 5.00%, 10/01/34	1,500	1,629,030
206th Series, AMT, 5.00%, 11/15/42	1,195	1,334,122
5.00%, 11/15/47	1,335	1,484,707
South Jersey Port Corp., Refunding ARB, Marine Terminal, Series B, AMT, 5.00%, 01/01/48	1,585	1,686,075
		106,194,876
Utilities 1.7%		
Rahway Valley Sewerage Authority, RB, CAB, Series A (NPFGC), 0.00%, 09/01/31 ^(d)	6,000	3,763,320
Total Municipal Bonds in New Jersey		281,153,036