BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC.

Form N-Q

December 23, 2014

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 811-07080

Name of Fund: BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

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

Quality 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: 07/31/2015

Date of reporting period: 10/31/2014

Item 1 Schedule of Investments

Schedule of Investments October 31, 2014 (Unaudited)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

	Par	
Municipal Bonds	(000)	Value
Michigan 135.1%		
Corporate 5.0%		
County of Monroe EDC Michigan, Refunding RB, Detroit Edison Co. Project, Series AA (NPFGC),		
6.95%, 9/01/22	\$ 10,695	\$ 14,147,560
County/City/Special District/School District 24.6%		
Anchor Bay School District, GO, Refunding, (Q-SBLF):		
4.38%, 5/01/27	960	1,037,933
4.50%, 5/01/29	900	970,911
Bay City School District Michigan, GO, School Building & Site (AGM) (Q-SBLF), 5.00%, 5/01/16 (a)	2,800	2,995,944
Birmingham City School District Michigan, GO, School Building & Site (AGM), 5.00%, 11/01/14 (a)	1,000	1,000,000
Charter Township of Canton Michigan, GO, Capital Improvement (AGM):		
5.00%, 4/01/25	1,840	2,010,255
5.00%, 4/01/26	2,000	2,186,580
5.00%, 4/01/27	500	542,640
Chippewa Valley Schools, GO, Refunding, Unlimited Tax (Q-SBLF), 5.00%, 5/01/32	1,970	2,228,937
City of Oak Park Michigan, GO, Street Improvement (NPFGC), 5.00%, 5/01/30	500	523,750
Columbia Michigan School District, GO, Unlimited Tax, School Building & Site (Q-SBLF), 5.00%,		
5/01/38	3,215	3,579,324
Comstock Park Public Schools, GO, School Building & Site, Series B (Q-SBLF):		
5.50%, 5/01/36	750	840,233
5.50%, 5/01/41	1,355	1,503,020
County of Genesee Michigan, GO, Refunding, Series A (NPFGC), 5.00%, 5/01/19	600	611,994
Dearborn Brownfield Redevelopment Authority, GO, Limited Tax, Redevelopment, Series A (AGC),		
5.50%, 5/01/39	3,300	3,595,548
Dearborn School District, GO, Series A (Q-SBLF):		
5.00%, 5/01/32	930	1,053,792
5.00%, 5/01/33	990	1,117,661
5.00%, 5/01/34	745	839,213
	Par	
Municipal Bonds	(000)	Value
Michigan (continued)		
County/City/Special District/School District (continued)		
Flint EDC, RB, Michigan Department of Human Services Office Building Project, 5.25%, 10/01/41	\$ 3,070	\$ 3,297,855
Fraser Public School District Michigan, GO, School Building & Site (AGM) (Q-SBLF), 5.00%, 5/01/25	2,000	2,045,680
Goodrich Area School District Michigan, GO, School Building & Site (Q-SBLF):		
5.50%, 5/01/32	600	677,406
5.50%, 5/01/36	1,200	1,344,372
5.50%, 5/01/41	1,575	1,747,053
Harper Creek Community School District Michigan, GO, Refunding, (AGM) (Q-SBLF), 5.00%,	,	,,
5/01/22	1,125	1,150,695
Hudsonville Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41	4,100	4,488,967
L Anse Creuse Public Schools Michigan, GO, School Building & Site (AGM) (Q-SBLF):	.,100	.,
5.00%, 5/01/24	1,000	1,022,840
5.00%, 5/01/25	1,525	1,559,831
0.0070, 0.0170		
5.00% 5/01/26	1.600	1.636.544
5.00%, 5/01/26 5.00%, 5/01/35	1,600 3,000	1,636,544 3,051,870
5.00%, 5/01/35	3,000	3,051,870
5.00%, 5/01/35 Lincoln Consolidated School District Michigan, GO, Refunding, (NPFGC) (Q-SBLF), 4.63%, 5/01/28	3,000 3,650	3,051,870 3,811,731
5.00%, 5/01/35 Lincoln Consolidated School District Michigan, GO, Refunding, (NPFGC) (Q-SBLF), 4.63%, 5/01/28 Livonia Public Schools School District Michigan, GO, Series I (AGM), 5.00%, 5/01/43	3,000 3,650 3,090	3,051,870 3,811,731 3,350,178
5.00%, 5/01/35 Lincoln Consolidated School District Michigan, GO, Refunding, (NPFGC) (Q-SBLF), 4.63%, 5/01/28 Livonia Public Schools School District Michigan, GO, Series I (AGM), 5.00%, 5/01/43 Montrose Community Schools, GO, (NPFGC) (Q-SBLF), 6.20%, 5/01/17	3,000 3,650	3,051,870 3,811,731
5.00%, 5/01/35 Lincoln Consolidated School District Michigan, GO, Refunding, (NPFGC) (Q-SBLF), 4.63%, 5/01/28 Livonia Public Schools School District Michigan, GO, Series I (AGM), 5.00%, 5/01/43 Montrose Community Schools, GO, (NPFGC) (Q-SBLF), 6.20%, 5/01/17 Parchment School District, County of Kalamazoo, State of Michigan, GO, School Building & Site	3,000 3,650 3,090 625	3,051,870 3,811,731 3,350,178 668,956
5.00%, 5/01/35 Lincoln Consolidated School District Michigan, GO, Refunding, (NPFGC) (Q-SBLF), 4.63%, 5/01/28 Livonia Public Schools School District Michigan, GO, Series I (AGM), 5.00%, 5/01/43 Montrose Community Schools, GO, (NPFGC) (Q-SBLF), 6.20%, 5/01/17 Parchment School District, County of Kalamazoo, State of Michigan, GO, School Building & Site (NPFGC) (Q-SBLF), 5.00%, 5/01/25	3,000 3,650 3,090	3,051,870 3,811,731 3,350,178
5.00%, 5/01/35 Lincoln Consolidated School District Michigan, GO, Refunding, (NPFGC) (Q-SBLF), 4.63%, 5/01/28 Livonia Public Schools School District Michigan, GO, Series I (AGM), 5.00%, 5/01/43 Montrose Community Schools, GO, (NPFGC) (Q-SBLF), 6.20%, 5/01/17 Parchment School District, County of Kalamazoo, State of Michigan, GO, School Building & Site (NPFGC) (Q-SBLF), 5.00%, 5/01/25 Romulus Community Schools, GO, Unlimited Tax, Refunding (AGM) (Q-SBLF):	3,000 3,650 3,090 625	3,051,870 3,811,731 3,350,178 668,956 843,081
5.00%, 5/01/35 Lincoln Consolidated School District Michigan, GO, Refunding, (NPFGC) (Q-SBLF), 4.63%, 5/01/28 Livonia Public Schools School District Michigan, GO, Series I (AGM), 5.00%, 5/01/43 Montrose Community Schools, GO, (NPFGC) (Q-SBLF), 6.20%, 5/01/17 Parchment School District, County of Kalamazoo, State of Michigan, GO, School Building & Site (NPFGC) (Q-SBLF), 5.00%, 5/01/25 Romulus Community Schools, GO, Unlimited Tax, Refunding (AGM) (Q-SBLF): 4.25%, 5/01/26	3,000 3,650 3,090 625 725	3,051,870 3,811,731 3,350,178 668,956 843,081 1,300,056
5.00%, 5/01/35 Lincoln Consolidated School District Michigan, GO, Refunding, (NPFGC) (Q-SBLF), 4.63%, 5/01/28 Livonia Public Schools School District Michigan, GO, Series I (AGM), 5.00%, 5/01/43 Montrose Community Schools, GO, (NPFGC) (Q-SBLF), 6.20%, 5/01/17 Parchment School District, County of Kalamazoo, State of Michigan, GO, School Building & Site (NPFGC) (Q-SBLF), 5.00%, 5/01/25 Romulus Community Schools, GO, Unlimited Tax, Refunding (AGM) (Q-SBLF):	3,000 3,650 3,090 625	3,051,870 3,811,731 3,350,178 668,956 843,081

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

Municipal Fonds		Par	
Caunty/City/Special District/School District (concluded) Thomappie Kellog School District (dending), School Building & Site (NPFGC) S 2,500 \$ 2,693,900 Thomappie Kellog School District, GO, (Q-SBLP), 5,00%, 5,011/28 1,240 1,441,773 7 179, School District, GO, (Q-SBLP), S.00%, 5,011/28 1,270 1,471,773 7 1,975,816 1,500%, 5,001/37 1,570%, 5,001/37 1,570%, 5,001/37 1,570%, 5,001/37 1,570%, 5,001/37 1,570%, 5,001/37 1,570%, 5,001/37 1,570%, 5,001/37 1,500%, 5,001/37 1,500%, 5,001/37 1,500%, 5,001/37 1,500%, 5,001/37 1,500%, 5,001/37 1,500%, 5,001/37 1,500%, 5,001/37 1,500%, 5,001/31 1,500%, 1,001/34 1,500%, 1,001/34 1,500%, 1,001/34 1,500%, 1,001/34 1,500%, 1,001/34 1,500%, 1,001/34 1,500%, 1,001/34 1,500%, 1,001/34 1,412.599 1,135.59 1,500%, 1,001/34 1,412.599 1,135.59	Municipal Bonds	(000)	Value
Thornapple Kellogs School District Michigan, GO, Refunding, School Building & Site (NPTCC)			
Q.SBLP, 5.00%, 5001/32 \$2.00 \$2.693.00 \$2.693.00 \$2.093.			
Truy School District, GO, (Q-SBLF), 5.00%, 5.00128 Van Dyke Public Schools Michigan, GO, School Building & Site (AGM) (Q-SBLF), 5.00%, 5/01/28 Valled Lake Censolidated School District, GO, (Q-SBLF): 5.00%, 5.00140 1.833,312 Valled Lake Censolidated School District, GO, (Q-SBLF): 5.00%, 5.00140 1.830,077 1.977,816 1.830 1.977,816 1.830 1.977,816 1.830 1.977,816 1.830 1.9340,524 Education 20.3% Central Michigan University, Refunding RB: 5.00%, 1.00103 5.00%, 1.00104 6.20 725,000 5.00%, 1.00104 6.20 725,000 5.00%, 1.00104 6.20 721,041 5.00%, 1.00104 6.20 721,041 5.00%, 1.00104 6.20 721,041 5.00%, 1.00104 6.20 721,041 5.00%, 1.00104 6.20 721,041 5.00%, 1.00104 6.20 721,041 5.00%, 1.00104 6.20 721,041 5.00%, 1.00104 6.20 721,041 721,041			
Van Dyke Public Schools Michigann, GO, School Building & Site (AGM) (Q-SBLF), 5.00%, 5/01/28 1,383.312 Walled Lake Consolidated School District, GO, (Q-SBLF):			1 , ,
Walled Lake Consolidated School District, GO. (Q-SBLF): 1,770			
1,770		1,250	1,383,312
1,630			
Education 20.3%		,	
Education 20.3%	5.00%, 5/01/40	1,630	1,808,077
Central Michigan University, Refunding RB			70,340,524
5.00%, 1001/13 620 725,090 5.00%, 1001/13 620 721,041 5.00%, 1001/13 990 1,138,559 5.00%, 1001/139 1,240 1,412,509 Grand Valley State University, RB, (NPFGC), 5,50%, 2/01/18 1,445 1,534,099 Michigan State University, Refunding RB, General: ************************************			
5.00%, 1001/34 5.00% 1001/34 5.00% 1.138.559 5.00%, 1001/34 5.00%, 1001/34 1.440 1.412.509 1.138.559 5.00%, 1001/34 1.440 1.412.509 1.480 1.454 1.534.009 1.138.559 5.00%, 1001/34 1.445 1.534.009 1.412.509 1.534.009 1.412.509 1.534.009		(20	727 000
\$00%, 1001/14 \$90			· · · · · · · · · · · · · · · · · · ·
1.240 1.412.509 1.400.509 1.400.50			•
Grand Valley State University, RB, (NPFGC), 5.9%, 201/18 1,534,099 1,534			
Michigan State University, Refunding RB, General: Series A, 5,00%, 21/5/40 Series A, 5,00%, 21/5/40 A, 700 \$2,284,407 Michigan Technological University, Refunding RB, Series A, 5,00%, 10/01/34 A, 700 \$2,284,407 Michigan Technological University, Refunding RB, Series A, 5,00%, 10/01/34 A, 8485 \$3,307,647 Oakland University, RB, General, Series A (concluded): \$5,00%, 3/01/38 \$1,3865 \$1,188,414 University of Michigan, RB, Series A, 5,00%, 4/01/39 \$2,125 \$2,00%, 3/01/39 \$1,3865 \$1,188,414 University of Michigan, RB, Series A, 5,00%, 4/01/39 \$2,125 \$2,000, 2,006,260 A00%, 11/15/40 \$2,000 \$2,006,260 A00%, 11/15/49 \$2,000 \$2,006,260 A00%, 11/15/49 \$3,000, 11/15/49 \$4,000, 11/15/49 \$4,000, 11/15/49 \$4,000, 11/15/49 \$4,000, 11/15/49 \$4,000, 11/15/49 \$4,000, 11/15/49 \$4,000, 11/15/49 \$4,000, 11/15/49 \$4,000, 10/15/49 \$4,000, 11/15/49 \$4,000, 10/15/49		,	
Series A, 5.00%, 21/51/41 4,980		1,445	1,534,099
Series C, 5.00%, 2/15/40 4,700 5,258,407 Michigan Technological University, RB, General, Series A, 5.00%, 10/01/34 1,340 1,493,296 Oakland University, RB, General, Series A; 5.00%, 3/01/38 8,485 9,397,647 Oakland University, RB, General, Series A (concluded); 13,865 15,188,414 University of Michigan, RB, Series A, 5.00%, 4/01/39 2,125 2,460,006 Wayne State University, RB, Series A, 5.00%, 4/01/39 2,002 2,206,260 2,000 2,206,260 University of Michigan, RB, Series A, 5.00%, 4/01/39 2,000 2,206,260 2,000 2,206,260 Wostern Michigan University, Refunding RB 620 629,976 2,200 2,209,76 Western Michigan University, and College Improvements, 5,25%, 11/15/40 2,100 2,348,325 2,120 General, University and College Improvements, 5,25%, 11/15/43 5,255 5,901,628 5,901,628 5,901,628 General, University and College Improvements (AGM), 5,25%, 11/15/33 620 705,504 705,504 Western Michigan University and College Improvements, 5,25%, 11/15/43 620 705,504 705,504 Western Michigan University and College Imp	· · · · · · · · · · · · · · · · · · ·	4.000	5 652 645
Michigan Technological University, Refunding RB, Series A, 5.00%, 10/01/34 Oakland University, RB, General, Series A: 5.00%, 30/138 Oakland University, RB, General, Series A (concluded): 5.00%, 30/138 13,865 15,188,414 University, RB, Series A, 5.00%, 4/01/39 2,125 2,460,006 Wayne State University, RB, Series A. 5.00%, 4/01/39 2,000 2,206,260 4,00%, 11/15/40 2,000 2,206,260 4,00%, 11/15/49 2,000 2,206,260 4,00%, 11/15/49 2,100 2,348,325 General, University, Refunding RB: (AGM), 5.00%, 11/15/39 General, University and College Improvements, 5.25%, 11/15/40 Western Michigan University and College Improvements, 5.25%, 11/15/43 Seneral, University, Refunding RB, Seneral Refunding			
Oakland University, RB, General, Series A: 8,485 9,397,647 Ookland University, RB, General, Series A (concluded): 13,865 15,188,414 Luniversity of Michigan, RB, Series A, 5,00%, 4/01/39 2,125 2,400,006 Wayne State University, RB, Series A: 500%, 11/15/40 2,000 2,206,260 4,00%, 11/15/44 620 629,976 Western Michigan University, Refunding RB: 620 629,976 Western Michigan University and College Improvements, 5,25%, 11/15/40 1,085 1,203,948 General, University and College Improvements, 5,25%, 11/15/40 2,100 2,348,325 Fear Par Par Minicipal Continued) Value Western Michigan University, Refunding RB (concluded): Tester Michigan University and College Improvements, 5,25%, 11/15/43 5,255 \$ 5,901,628 General, University and College Improvements, 5,25%, 11/15/43 \$ 5,255 \$ 5,901,628 General, University and College Improvements (AGM), 5,25%, 11/15/33 620 705,504 Health 28,4% Kalamazoo Hospital Finance Authority, RB, Bronson Methodist Hospital (AGM), 5,25%, 5/15/36 4,750 5,185,147 Kent Hospital Finance Autho			
S.00%, 3/01/38 S.485 S.9,397,647		1,340	1,493,296
Oakland University, RB, General, Series A (concluded): 13,865 15,188,414 University of Michigan, RB, Series A, 5,00%, 4/01/39 2,125 2,460,006 Wayne State University, RB, Series A: 500%, 11/15/40 2,000 2,206,260 4,00%, 11/15/44 620 629,976 Western Michigan University, Refunding RB: 1,085 1,203,948 General, University and College Improvements, 5,25%, 11/15/40 2,100 2,348,325 Par (000) Value Michigan Continued) 1000 2,348,325 General, University and College Improvements, 5,25%, 11/15/43 \$ 5,255 \$ 5,901,628 General, University and College Improvements, 2,52%, 11/15/43 \$ 5,255 \$ 5,901,628 General, University and College Improvements, 6,52%, 11/15/33 \$ 620 705,504 Feature of College Improvements (AGM), 5,25%, 11/15/33 \$ 5,255 \$ 5,901,628 General, University and College Improvements (AGM), 5,25%, 11/15/33 \$ 620 705,504 Feature of College Improvements (AGM), 5,25%, 11/15/33 \$ 5,255 \$ 5,901,628 Feature of College Improvements (AGM), 5,25%, 11/15/33 \$ 6,20		0.405	0.005.645
13,865 15,188,414 14,182		8,485	9,397,647
University of Michigan, RB, Series A, 5.00%, 4/01/39	• • • • • • • • • • • • • • • • • • • •		
Wayne State University, RB, Series A:			
5.00%, 11/15/40 2,000 2,206,260 4.00%, 11/15/44 620 629,976 Westerm Michigan University, Refunding RB: (AGM), 5.00%, 11/15/39 1,085 1,203,948 General, University and College Improvements, 5.25%, 11/15/40 2,100 2,348,325 Municipal Bonds (000) Value Michigan (continued) Education (concluded) Western Michigan University, Refunding RB (concluded): Separal, University and College Improvements, 5.25%, 11/15/43 \$ 5,255 \$ 5,901,628 General, University and College Improvements (AGM), 5.25%, 11/15/33 620 705,504 Health 28.4% Kalamazoo Hospital Finance Authority, RB, Bronson Methodist Hospital (AGM), 5.25%, 5/15/36 4,750 5,185,147 Kent Hospital Finance Authority, RB, Sparrow Obligated Group, 5.00%, 11/15/36 1,50 1,668,885 Michigan Finance Authority, Refunding RB: Hospital, Oakwood Obligated Group, 5.00%, 8/15/31 1,745 1,944,262 Trinity Health Credit Group, 5.00%, 12/01/33 3,100 3,455,645 Trinity Health Credit Group, 5.00%, 12/01/39 3,350 3,667,144 <	•	2,125	2,460,006
A.00%, 11/15/44 620 629,976		2 000	2.207.270
Western Michigan University, Refunding RB: (AGM), 5.0%, 11/15/39 1,085 1,203,948 General, University and College Improvements, 5.25%, 11/15/40 2,100 2,348,325 Municipal Bonds (000) Value Michigan (continued) Western Michigan University, Refunding RB (concluded): General, University and College Improvements, 5.25%, 11/15/43 5,255 \$,501,628 General, University and College Improvements (AGM), 5.25%, 11/15/33 620 705,504 Fayn8,354 Health 28.4% Kalamazoo Hospital Finance Authority, RB, Bronson Methodist Hospital (AGM), 5.25%, 5/15/36 4,750 5,185,147 Kent Hospital Finance Authority, RB, Sparrow Obligated Group, 5.00%, 11/15/36 1,550 1,668,885 Michigan Finance Authority, RB, Sparrow Obligated Group, 5.00%, 11/15/36 1,745 1,944,262 Trinity Health Credit Group, 5.00%, 12/01/31 1,745 1,944,262 Trinity Health Credit Group, 5.00%, 12/01/39 3,350 3,667,144 Trinity Health Credit Group, 5.00%, 12/01/39 3,350 3,667,144<			
(AGM), 5.00%, 11/15/39 General, University and College Improvements, 5.25%, 11/15/40 Qeneral, University and College Improvements, 5.25%, 11/15/40 Qeneral, University and College Improvements, 5.25%, 11/15/40 Qeneral, University Refunding RB (concluded) Western Michigan University, Refunding RB (concluded): General, University and College Improvements, 5.25%, 11/15/43 Qeneral, University and College Improvements, 5.25%, 11/15/43 Qeneral, University and College Improvements (AGM), 5.25%, 11/15/33 Qeneral, University and College Improvements, 5.25%, 11/15/33 Qeneral, University, Refunding RB, Spectrum Health, Series 4, 5.00%, 8/15/31 Qeneral, University and College Improvements, 5.25%, 11/15/33 Qeneral, University, Refunding RB, Spectrum Health, Series 4, 5.00%, 8/15/31 Qeneral, University, Refunding RB, Spectrum Health, Series 4, 5.00%, 8/15/31 Qeneral, University, Refunding RB, Spectrum Health, Series 4, 5.00%, 4/15/36 Qeneral, University, Refunding RB, Spectrum Health Care, Series C, 5.00%, 8/15/31 Qeneral, University, Refunding RB, Spectrum Health, Series 4, 5.00%, 4/15/36 Qeneral, University, Refunding RB, Spectrum Healt		620	629,976
General, University and College Improvements, 5.25%, 11/15/40 2,100 2,348,325 Par (000) Value		1.005	1 202 040
Municipal Bonds Par (000) Value Michigan (continued) Stucation (concluded) Western Michigan University, Refunding RB (concluded): State (1/15/14) \$5,255 \$5,901,628 General, University and College Improvements, \$.25%, \$11/15/43 \$5,255 \$5,901,628 General, University and College Improvements (AGM), \$.25%, \$11/15/33 620 705,504 **Toy,798,354 **Health 28.4% Kalamazoo Hospital Finance Authority, RB, Bronson Methodist Hospital (AGM), \$.25%, \$1/15/36 4,750 \$1,855,147 Kent Hospital Finance Authority, Michigan, Refunding RB, Spectrum Health, Series A, \$.00%, \$11/15/29 4,500 \$0,42,970 Michigan Finance Authority, RB, Sparrow Obligated Group, \$.00%, \$11/15/36 \$1,550 \$1,668,885 Michigan Finance Authority, Refunding RB: \$1,745 \$1,944,262 Trinity Health Credit Group, \$.00%, \$1/20/1/31 \$1,100 \$3,465,645 Trinity Health Credit Group, \$.00%, \$1/20/1/35 \$4,100 \$4,528,778 Trinity Health Credit Group, \$.00%, \$1/20/1/35 \$3,500 \$3,667,144 Michigan State Hospital Finance Authority, RB: \$3,700 \$4,230,987 <td< td=""><td></td><td></td><td></td></td<>			
Municipal Bonds (000) Value Michigan (continued) ************************************	General, University and College Improvements, 5.25%, 11/15/40		2,348,325
Michigan (continued) Education (concluded) Western Michigan University, Refunding RB (concluded): General, University and College Improvements, 5.25%, 11/15/43 \$ 5,255 \$ 5,901,628 General, University and College Improvements (AGM), 5.25%, 11/15/33 620 705,504 Formation of the color	W - 22 - 10 - 1		¥7.1
Education (concluded) Western Michigan University, Refunding RB (concluded): General, University and College Improvements, 5.25%, 11/15/43 \$5,255 \$5,901,628 General, University and College Improvements (AGM), 5.25%, 11/15/33 620 705,504	•	(000)	vaiue
Western Michigan University, Refunding RB (concluded): General, University and College Improvements, 5.25%, 11/15/43 \$ 5,255 \$ 5,901,628 General, University and College Improvements (AGM), 5.25%, 11/15/33 620 705,504 57,978,354 Health 28.4% Kalamazoo Hospital Finance Authority, RB, Bronson Methodist Hospital (AGM), 5.25%, 5/15/36 4,750 5,185,147 Kent Hospital Finance Authority Michigan, Refunding RB, Spectrum Health, Series A, 5.00%, 11/15/29 4,500 5,042,970 Michigan Finance Authority, RB, Sparrow Obligated Group, 5.00%, 11/15/36 1,550 1,668,885 Michigan Finance Authority, Refunding RB: Hospital, Oakwood Obligated Group, 5.00%, 8/15/31 1,745 1,944,262 Trinity Health Credit Group, 5.00%, 12/01/31 3,100 3,465,645 Trinity Health Credit Group, 5.00%, 12/01/39 3,350 3,667,144 Michigan State Hospital Finance Authority, RB: Ascension Health Senior Credit Group, 5.00%, 8/01/35 3,700 4,230,987 McLaren Health Care, Series C, 5.00%, 8/01/35 1,000 1,026,470 MidMichigan Obl			
General, University and College Improvements, 5.25%, 11/15/43 \$ 5,255 \$ 5,901,628	· · · · · · · · · · · · · · · · · · ·		
Seneral, University and College Improvements (AGM), 5.25%, 11/15/33 Seneral State		¢ 5.255	¢ 5.001.639
S7,978,354			
Health 28.4% Kalamazoo Hospital Finance Authority, RB, Bronson Methodist Hospital (AGM), 5.25%, 5/15/36 4,750 5,185,147 Kent Hospital Finance Authority Michigan, Refunding RB, Spectrum Health, Series A, 5.00%, 11/15/29 4,500 5,042,970 Michigan Finance Authority, RB, Sparrow Obligated Group, 5.00%, 11/15/36 1,550 1,668,885 Michigan Finance Authority, Refunding RB: 1,745 1,944,262 Hospital, Oakwood Obligated Group, 5.00%, 8/15/31 1,745 1,944,262 Trinity Health Credit Group, 5.00%, 12/01/31 3,100 3,465,645 Trinity Health Credit Group, 5.00%, 12/01/39 3,350 3,667,144 Michigan State Hospital Finance Authority, RB: 3,700 4,230,987 McLaren Health Care, Series C, 5.00%, 8/01/35 1,000 1,026,470 MidMichigan Obligated Group, Series A, 5.00%, 4/15/36 3,550 3,646,240 Michigan State Hospital Finance Authority, Refunding RB: 3,550 3,646,240	General, University and College Improvements (AGM), 5.25%, 11/15/33	620	/05,504
Health 28.4% Kalamazoo Hospital Finance Authority, RB, Bronson Methodist Hospital (AGM), 5.25%, 5/15/36 4,750 5,185,147 Kent Hospital Finance Authority Michigan, Refunding RB, Spectrum Health, Series A, 5.00%, 11/15/29 4,500 5,042,970 Michigan Finance Authority, RB, Sparrow Obligated Group, 5.00%, 11/15/36 1,550 1,668,885 Michigan Finance Authority, Refunding RB: 1,745 1,944,262 Hospital, Oakwood Obligated Group, 5.00%, 8/15/31 1,745 1,944,262 Trinity Health Credit Group, 5.00%, 12/01/31 3,100 3,465,645 Trinity Health Credit Group, 5.00%, 12/01/39 3,350 3,667,144 Michigan State Hospital Finance Authority, RB: 3,700 4,230,987 McLaren Health Care, Series C, 5.00%, 8/01/35 1,000 1,026,470 MidMichigan Obligated Group, Series A, 5.00%, 4/15/36 3,550 3,646,240 Michigan State Hospital Finance Authority, Refunding RB: 3,550 3,646,240			
Kalamazoo Hospital Finance Authority, RB, Bronson Methodist Hospital (AGM), 5.25%, 5/15/36 4,750 5,185,147 Kent Hospital Finance Authority Michigan, Refunding RB, Spectrum Health, Series A, 5.00%, 11/15/29 4,500 5,042,970 Michigan Finance Authority, RB, Sparrow Obligated Group, 5.00%, 11/15/36 1,550 1,668,885 Michigan Finance Authority, Refunding RB: 1,745 1,944,262 Hospital, Oakwood Obligated Group, 5.00%, 8/15/31 3,100 3,465,645 Trinity Health Credit Group, 5.00%, 12/01/35 4,100 4,528,778 Trinity Health Credit Group, 5.00%, 12/01/39 3,350 3,667,144 Michigan State Hospital Finance Authority, RB: 3,700 4,230,987 McLaren Health Care, Series C, 5.00%, 8/01/35 1,000 1,026,470 MidMichigan Obligated Group, Series A, 5.00%, 4/15/26 620 642,010 MidMichigan Obligated Group, Series A, 5.00%, 4/15/36 3,550 3,646,240 Michigan State Hospital Finance Authority, Refunding RB: 3,550 3,646,240			57,978,354
Kent Hospital Finance Authority Michigan, Refunding RB, Spectrum Health, Series A, 5.00%, 11/15/29 4,500 5,042,970 Michigan Finance Authority, RB, Sparrow Obligated Group, 5.00%, 11/15/36 1,550 1,668,885 Michigan Finance Authority, Refunding RB:			
Michigan Finance Authority, RB, Sparrow Obligated Group, 5.00%, 11/15/36 1,550 1,668,885 Michigan Finance Authority, Refunding RB:			
Michigan Finance Authority, Refunding RB: 1,745 1,944,262 Hospital, Oakwood Obligated Group, 5.00%, 8/15/31 3,100 3,465,645 Trinity Health Credit Group, 5.00%, 12/01/35 4,100 4,528,778 Trinity Health Credit Group, 5.00%, 12/01/39 3,350 3,667,144 Michigan State Hospital Finance Authority, RB: 3,700 4,230,987 McLaren Health Care, Series C, 5.00%, 8/01/35 1,000 1,026,470 MidMichigan Obligated Group, Series A, 5.00%, 4/15/26 620 642,010 MidMichigan State Hospital Finance Authority, Refunding RB: 3,550 3,646,240			
Hospital, Oakwood Obligated Group, 5.00%, 8/15/31 1,745 1,944,262 Trinity Health Credit Group, 5.00%, 12/01/31 3,100 3,465,645 Trinity Health Credit Group, 5.00%, 12/01/35 4,100 4,528,778 Trinity Health Credit Group, 5.00%, 12/01/39 3,350 3,667,144 Michigan State Hospital Finance Authority, RB: Ascension Health Senior Credit Group, 5.00%, 11/15/25 3,700 4,230,987 McLaren Health Care, Series C, 5.00%, 8/01/35 1,000 1,026,470 MidMichigan Obligated Group, Series A, 5.00%, 4/15/26 620 642,010 MidMichigan Obligated Group, Series A, 5.00%, 4/15/36 3,550 3,646,240 Michigan State Hospital Finance Authority, Refunding RB:		1,550	1,668,885
Trinity Health Credit Group, 5.00%, 12/01/31 3,100 3,465,645 Trinity Health Credit Group, 5.00%, 12/01/35 4,100 4,528,778 Trinity Health Credit Group, 5.00%, 12/01/39 3,350 3,667,144 Michigan State Hospital Finance Authority, RB: Ascension Health Senior Credit Group, 5.00%, 11/15/25 3,700 4,230,987 McLaren Health Care, Series C, 5.00%, 8/01/35 1,000 1,026,470 MidMichigan Obligated Group, Series A, 5.00%, 4/15/26 620 642,010 MidMichigan State Hospital Finance Authority, Refunding RB: 3,550 3,646,240	e v		
Trinity Health Credit Group, 5.00%, 12/01/35 4,100 4,528,778 Trinity Health Credit Group, 5.00%, 12/01/39 3,350 3,667,144 Michigan State Hospital Finance Authority, RB: Ascension Health Senior Credit Group, 5.00%, 11/15/25 3,700 4,230,987 McLaren Health Care, Series C, 5.00%, 8/01/35 1,000 1,026,470 MidMichigan Obligated Group, Series A, 5.00%, 4/15/26 620 642,010 MidMichigan Obligated Group, Series A, 5.00%, 4/15/36 3,550 3,646,240 Michigan State Hospital Finance Authority, Refunding RB: A,000 4,528,778		1,745	1,944,262
Trinity Health Credit Group, 5.00%, 12/01/39 3,350 3,667,144 Michigan State Hospital Finance Authority, RB: 3,700 4,230,987 Ascension Health Senior Credit Group, 5.00%, 11/15/25 3,700 4,230,987 McLaren Health Care, Series C, 5.00%, 8/01/35 1,000 1,026,470 MidMichigan Obligated Group, Series A, 5.00%, 4/15/26 620 642,010 MidMichigan Obligated Group, Series A, 5.00%, 4/15/36 3,550 3,646,240 Michigan State Hospital Finance Authority, Refunding RB: 3,550 3,646,240		·	
Michigan State Hospital Finance Authority, RB: 3,700 4,230,987 Ascension Health Senior Credit Group, 5.00%, 11/15/25 3,700 4,230,987 McLaren Health Care, Series C, 5.00%, 8/01/35 1,000 1,026,470 MidMichigan Obligated Group, Series A, 5.00%, 4/15/26 620 642,010 MidMichigan Obligated Group, Series A, 5.00%, 4/15/36 3,550 3,646,240 Michigan State Hospital Finance Authority, Refunding RB: 3,550 3,646,240			
Ascension Health Senior Credit Group, 5.00%, 11/15/25 3,700 4,230,987 McLaren Health Care, Series C, 5.00%, 8/01/35 1,000 1,026,470 MidMichigan Obligated Group, Series A, 5.00%, 4/15/26 620 642,010 MidMichigan Obligated Group, Series A, 5.00%, 4/15/36 3,550 3,646,240 Michigan State Hospital Finance Authority, Refunding RB: 3,550 3,646,240	•	3,350	3,667,144
McLaren Health Care, Series C, 5.00%, 8/01/35 1,000 1,026,470 MidMichigan Obligated Group, Series A, 5.00%, 4/15/26 620 642,010 MidMichigan Obligated Group, Series A, 5.00%, 4/15/36 3,550 3,646,240 Michigan State Hospital Finance Authority, Refunding RB: 3,550 3,646,240			
MidMichigan Obligated Group, Series A, 5.00%, 4/15/26 620 642,010 MidMichigan Obligated Group, Series A, 5.00%, 4/15/36 3,550 3,646,240 Michigan State Hospital Finance Authority, Refunding RB:	•	3,700	4,230,987
MidMichigan Obligated Group, Series A, 5.00%, 4/15/36 3,550 3,646,240 Michigan State Hospital Finance Authority, Refunding RB:		1,000	1,026,470
Michigan State Hospital Finance Authority, Refunding RB:			
		3,550	3,646,240
Henry Ford Health System, Series A, 5.25%, 11/15/46 2,500 2,584,125			
	Henry Ford Health System, Series A, 5.25%, 11/15/46	2,500	2,584,125

BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC.

2

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

	Par	
Municipal Bonds	(000)	Value
Michigan (continued)	(000)	v uruc
Health (concluded)		
Michigan State Hospital Finance Authority, Refunding RB (concluded):		
Hospital, Oakwood Obligated Group, 5.00%, 11/01/32	\$ 4,000	\$ 4,406,720
Hospital, Oakwood Obligated Group, Series A, 5.00%, 7/15/21	600	654,204
Hospital, Oakwood Obligated Group, Series A, 5.00%, 7/15/25	3,260	3,478,387
Hospital, Oakwood Obligated Group, Series A, 5.00%, 7/15/37	630	660,637
Hospital, Sparrow Obligated Group, 5.00%, 11/15/31	3,100	3,292,665
McLaren Health Care, Series A, 5.00%, 6/01/35	1,390	1,520,035
McLaren Health Care, Series A, 5.75%, 5/15/38	4,500	5,059,125
Trinity Health Credit Group, Series A, 6.25%, 12/01/28	930	1,086,110
Trinity Health Credit Group, Series C, 4.00%, 12/01/32	3,850	3,974,547
Trinity Health Credit, Series A, 6.50%, 12/01/33	1,000	1,172,720
Royal Oak Hospital Finance Authority, Refunding RB, William Beaumont Hospital, Series V, 8.25%,		
9/01/18 (a)	1,000	1,278,610
Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital:	10.500	10.761.607
Series D, 5.00%, 9/01/39	12,500	13,761,625
Series W, 6.00%, 8/01/39	925	1,054,861
State of Michigan Hospital Finance Authority, Refunding RB, Henry Ford Health, 5.75%, 11/15/39	1,965	2,181,956
		81,214,865
Housing 9.9%		
Michigan State HDA, RB:		
Deaconess Tower, AMT (Ginnie Mae), 5.25%, 2/20/48	1,000	1,018,080
Series A, 4.75%, 12/01/25	4,235	4,546,992
Series A, 4.45%, 10/01/34	620	651,062
Series A, 4.63%, 10/01/39	2,165	2,262,403
Series A, 4.75%, 10/01/44 Williams Position AMT (Cirnia Mas) 4.75% 4/20/27	3,100	3,237,609
Williams Pavilion, AMT (Ginnie Mae), 4.75%, 4/20/37	3,575 Par	3,626,480
Municipal Bonds	(000)	Value
Michigan (continued)	(000)	
Housing (concluded)		
Michigan State HDA, Refunding RB:		
Rental Housing, Series D, 4.50%, 10/01/48	\$ 7,165	\$ 7,493,659
Series A, 6.05%, 10/01/41	4,825	5,325,353
		28,161,638
State 14.2%		
Michigan State Building Authority, Refunding RB, 5.00%, 10/15/31	1,000	1,060,570
Michigan State Finance Authority, RB, Local Government Loan Program, Series F, 5.00%, 4/01/31	1,000	1,084,380
Michigan Strategic Fund, Refunding RB, Cadillac Place Office Building Project, 5.25%, 10/15/31	4,350	4,799,355
State of Michigan, COP, (AMBAC), 0.00%, 6/01/22 (b)(c)	3,000	2,598,450
State of Michigan Building Authority, RB, Local Government Loan Program, Series F, 5.25%, 10/01/41	6,085	6,570,948
State of Michigan Building Authority, Refunding RB, Facilities Program:	0.000	1 770 15-
Series I, 6.25%, 10/15/38	3,900	4,552,197
Series I (AGC), 5.25%, 10/15/24	4,000	4,658,120
Series I (AGC), 5.25%, 10/15/25	2,000	2,323,900
Series I (AGC), 5.25%, 10/15/26	600	695,628
Series I. (A.G.M.) 5.00%, 10/15/26	1,250	1,422,150
Series II (AGM), 5.00%, 10/15/26 State of Michigan Trunk Line Fund, RB:	4,500	5,164,200
5.00%, 11/15/33	1,850	2,116,271
5.00%, 11/15/36	3,125	3,540,281
		40,586,450

Transportation 14.0% State of Michigan, RB, GAB (AGM), 5.25%, 9/15/27 5,848,710 5,250

BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC.

OCTOBER 31, 2014

3

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

	Par		
Municipal Bonds	(000)	Value	
Michigan (continued)			
Transportation (concluded)			
Wayne County Airport Authority, RB, AMT:			
5.00%, 12/01/39	\$ 915	\$ 988,703	
Detroit Metropolitan Wayne County Airport (NPFGC), 5.25%, 12/01/25	6,270	6,561,618	
Detroit Metropolitan Wayne County Airport (NPFGC), 5.25%, 12/01/26	6,300	6,593,013	
Detroit Metropolitan Wayne County Airport (NPFGC), 5.00%, 12/01/34	4,435	4,574,215	
Wayne County Airport Authority, Refunding RB, AMT (AGC):			
5.75%, 12/01/25	4,000	4,585,280	
5.75%, 12/01/26	1,000	1,146,320	
5.38%, 12/01/32	8,700	9,759,573	
		40,057,432	
Utilities 18.7%			
City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%,			
7/01/39	1,645	1,766,039	
City of Detroit Michigan Water Supply System, RB, Senior Lien, Series A (NPFGC), 5.00%, 7/01/34	1,425	1,424,900	
City of Detroit Michigan Water Supply System, Refunding RB, 2nd Lien, Series C (AGM), 5.00%,			
7/01/29	10,470	10,861,264	
City of Grand Rapids Michigan Sanitary Sewer System, RB:			
5.00%, 1/01/37	930	1,060,191	
4.00%, 1/01/42	1,075	1,103,617	
City of Holland Michigan Electric Utility System, RB, Series A:			
5.00%, 7/01/33	1,860	2,119,340	
4.13%, 7/01/39	1,450	1,506,042	
5.00%, 7/01/39	7,575	8,474,228	
City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A:			
5.00%, 7/01/27	1,970	2,267,391	
5.00%, 7/01/31	4,230	4,803,207	
5.00%, 7/01/37	2,065	2,314,122	
5.50%, 7/01/41	3,000	3,520,080	
City of Port Huron Michigan, RB, Water Supply System:	210	222.072	
5.25%, 10/01/31	310	339,869	
5.63%, 10/01/40	1,000	1,104,300	
	Par		
Municipal Bonds	(000)	Value	
Michigan (concluded)	(000)	v alue	
Utilities (concluded)			
Michigan Finance Authority, Refunding RB:			
5.00%, 7/01/32	\$ 3,255	\$ 3,587,759	
5.00%, 7/01/33	1,860	2.042.224	
Senior Lien, Detroit Water and Sewer, Series C-3, 5.00%, 7/01/31	620	685,503	
Michigan Municipal Bond Authority, RB, State Clean Water Revolving Fund:	020	000,000	
5.00%, 10/01/27	1,250	1,345,787	
5.00%, 10/01/29	1,475	1,707,121	
Pooled Project, 5.00%, 10/01/27	1,240	1,442,814	
	-,	-,,	
		53,475,798	
Total Municipal Bonds in Michigan		385,962,621	
Guam 3.5%		, –, . –	
State 3.5%			
Territory of Guam, RB:			
Business Privilege Tax Bonds, Series A, 5.25%, 1/01/36	500	547,385	
Business Privilege Tax Bonds, Series A, 5.13%, 1/01/42	4,850	5,232,228	
Business Privilege Tax Bonds, Series B-1, 5.00%, 1/01/32	1,695	1,843,652	
Business Privilege Tax Bonds, Series B-1, 5.00%, 1/01/37	665	716,351	
Limited Obligation Bonds, Section 30, Series A, 5.63%, 12/01/29	1,400	1,546,314	
Zamies Congress Dones, Oction 10, Solies 11, 5.03 %, 12/01/27	1,700	1,5 10,517	

 Total Municipal Bonds in Guam
 9,885,930

 Total Municipal Bonds
 138.6%
 395,848,551

Municipal Bonds Transferred to

Tender Option Bond Trusts (d)

Michigan 16.9%

County/City/Special District/School District 4.3%

Lakewood Public Schools Michigan, GO, School Building & Site (AGM) (Q-SBLF), 5.00%, 5/01/37 6,771 7,295,669

4 BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. OCTOBER 31, 2014

Notes to Schedule of Investments

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

Municipal Bonds Transferred to	Par	
Tender Option Bond Trusts (d)	(000)	Value
Michigan (concluded)		
County/City/Special District/School District (concluded)	Φ. 4.650	* 5.000.146
Portage Public Schools Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/31	\$ 4,650	\$ 5,089,146
T1 4 10 FG		12,384,815
Education 12.5% Michigan State University, Refunding RB, General, Series A, 5.00%, 8/15/38	6,220	7,112,570
Saginaw Valley State University, Refunding RB, General (AGM), 5.00%, 7/01/31	7,500	8,258,025
Wayne State University, RB, General, Series A, 5.00%, 11/15/40	6,190	6,828,375
Wayne State University, Refunding RB, General (AGM), 5.00%, 11/15/35	12,207	13,550,981
, , , , , , , , , , , , , , , , , , ,	,	- , ,
		35,749,951
Health 0.1%		
Michigan Finance Authority, RB, Hospital, Trinity Health Credit Group, 5.00%, 12/01/39	190	207,987
Total Municipal Bonds Transferred to		
Tender Option Bond Trusts 16.9%		48,342,753
Total Long-Term Investments		
(Cost \$411,495,712) 155.5%		444,191,304
Short Torm Securities	Charac	Voluo
Short-Term Securities BIF Michigan Municipal Money Fund, 0 00%, 12/31/49 (e)(f)	Shares 4.211.421	Value \$ 4 211 421
Short-Term Securities BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities	Shares 4,211,421	Value \$ 4,211,421
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f)		
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities		\$ 4,211,421
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f)		
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5%		\$ 4,211,421
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments		\$ 4,211,421 4,211,421
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest		\$ 4,211,421 4,211,421 448,402,725 5,338,955
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (8.2%)		\$ 4,211,421 4,211,421 448,402,725 5,338,955 (23,496,206)
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest		\$ 4,211,421 4,211,421 448,402,725 5,338,955
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (8.2%) VRDP Shares, at Liquidation Value (50.6%)		\$ 4,211,421 4,211,421 448,402,725 5,338,955 (23,496,206) (144,600,000)
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (8.2%)		\$ 4,211,421 4,211,421 448,402,725 5,338,955 (23,496,206)
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (8.2%) VRDP Shares, at Liquidation Value (50.6%)		\$ 4,211,421 4,211,421 448,402,725 5,338,955 (23,496,206) (144,600,000)
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (8.2%) VRDP Shares, at Liquidation Value (50.6%)	4,211,421	\$ 4,211,421 4,211,421 448,402,725 5,338,955 (23,496,206) (144,600,000) \$ 285,645,474
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (8.2%) VRDP Shares, at Liquidation Value (50.6%) Net Assets Applicable to Common Shares 100.0% * As of October 31, 2014, gross unrealized appreciation and depreciation based on cost for federal incompanies.	4,211,421	\$ 4,211,421 4,211,421 448,402,725 5,338,955 (23,496,206) (144,600,000) \$ 285,645,474 e as follows:
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (8.2%) VRDP Shares, at Liquidation Value (50.6%) Net Assets Applicable to Common Shares 100.0%	4,211,421	\$ 4,211,421 4,211,421 448,402,725 5,338,955 (23,496,206) (144,600,000) \$ 285,645,474
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (8.2%) VRDP Shares, at Liquidation Value (50.6%) Net Assets Applicable to Common Shares 100.0% * As of October 31, 2014, gross unrealized appreciation and depreciation based on cost for federal incompany to the state of the s	4,211,421	\$ 4,211,421 4,211,421 448,402,725 5,338,955 (23,496,206) (144,600,000) \$ 285,645,474 e as follows: \$ 392,270,455
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (8.2%) VRDP Shares, at Liquidation Value (50.6%) Net Assets Applicable to Common Shares 100.0% * As of October 31, 2014, gross unrealized appreciation and depreciation based on cost for federal incompanies to the cost of the	4,211,421	\$ 4,211,421 4,211,421 448,402,725 5,338,955 (23,496,206) (144,600,000) \$ 285,645,474 e as follows: \$ 392,270,455 \$ 32,853,887
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (8.2%) VRDP Shares, at Liquidation Value (50.6%) Net Assets Applicable to Common Shares 100.0% * As of October 31, 2014, gross unrealized appreciation and depreciation based on cost for federal incompany to the state of the s	4,211,421	\$ 4,211,421 4,211,421 448,402,725 5,338,955 (23,496,206) (144,600,000) \$ 285,645,474 e as follows: \$ 392,270,455
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (8.2%) VRDP Shares, at Liquidation Value (50.6%) Net Assets Applicable to Common Shares 100.0% * As of October 31, 2014, gross unrealized appreciation and depreciation based on cost for federal incommon Gross unrealized appreciation Gross unrealized depreciation Gross unrealized depreciation	4,211,421	\$ 4,211,421 4,211,421 448,402,725 5,338,955 (23,496,206) (144,600,000) \$ 285,645,474 e as follows: \$ 392,270,455 \$ 32,853,887 (208,617)
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (8.2%) VRDP Shares, at Liquidation Value (50.6%) Net Assets Applicable to Common Shares 100.0% * As of October 31, 2014, gross unrealized appreciation and depreciation based on cost for federal incompanies to the cost of the	4,211,421	\$ 4,211,421 4,211,421 448,402,725 5,338,955 (23,496,206) (144,600,000) \$ 285,645,474 e as follows: \$ 392,270,455 \$ 32,853,887
BIF Michigan Municipal Money Fund, 0.00%, 12/31/49 (e)(f) Total Short-Term Securities (Cost \$4,211,421) 1.5% Total Investments (Cost \$415,707,133) 157.0% Other Assets Less Liabilities 1.8% Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (8.2%) VRDP Shares, at Liquidation Value (50.6%) Net Assets Applicable to Common Shares 100.0% * As of October 31, 2014, gross unrealized appreciation and depreciation based on cost for federal incommon Gross unrealized appreciation Gross unrealized depreciation Gross unrealized depreciation	4,211,421	\$ 4,211,421 4,211,421 448,402,725 5,338,955 (23,496,206) (144,600,000) \$ 285,645,474 e as follows: \$ 392,270,455 \$ 32,853,887 (208,617)
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⁽a) 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.

- (b) Security is collateralized by municipal or U.S. Treasury obligations.
- (c) Zero-coupon bond.
- (d) Represent bonds transferred to a TOB. In exchange for which the Fund received cash and residual interest certificates. These bonds serve as collateral in a financing transaction.
- (e) Investments in issuers considered to be an affiliate of the Fund during the period ended October 31, 2014, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

	Shares Held at July 31,	Net	Shares Held at October 31,	
Affiliate	2014	Activity	2014	Income
BIF Michigan Municipal Money Fund	3,889,640	321,781	4,211,421	

BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC.

Schedule of Investments (continued)

BlackRock MuniYield Michigan Quality Fund, Inc.
(MIY)

(f) Represents the current yield as of report date.

Portfolio Abbreviations

AGC Assured Guarantee Corp. AGM Assured Guaranty Municipal Corp. **AMBAC** American Municipal Bond Assurance Corp. **AMT** Alternative Minimum Tax (subject to) Certificates of Participation COP **EDC** Economic Development Corp. **GAB** Grant Anticipation Bonds GO General Obligation Bonds **HDA** Housing Development Authority **NPFGC** National Public Finance Guarantee Corp.

RB Revenue Bonds

Financial futures contracts outstanding as of October 31, 2014 were as follows:

				Notional	
Contracts					Unrealized
Sold	Issue	Exchange	Expiration	Value	Appreciation
(140)	10-Year U.S. Treasury Note	Chicago Board of Trade	December 2014	\$ 17,690,313	\$ 200,587

For Fund compliance purposes, the Fund s sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial statement purposes. 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 categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. The three levels of the fair value hierarchy are as follows:

Level 1 unadjusted quoted prices 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)

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund s policy, transfers between different levels of the fair value disclosure 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 investment and derivative financial instrument 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, please refer to the Fund s most recent financial statements as contained in its annual report.

BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC.

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BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

The following tables summarize the Fund s investments and derivative financial instruments categorized in the disclosure hierarchy as of October 31, 2014:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Municipal Bonds ¹		\$ 444,191,304		\$ 444,191,304
Short-Term Securities	\$ 4,211,421			4,211,421
Total	\$ 4,211,421	\$ 444,191,304		\$ 448,402,725

¹ See above Schedule of Investments for values in each sector.

	Level 1	Level 2	Level 3	Total
Derivative Financial Instruments ²				
Assets:				
Interest rate contracts	\$ 200,587			\$ 200,587

² 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 October 31, 2014, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Cash pledged for financial futures contracts	\$ 177,000			\$ 177,000
Liabilities:				
TOB trust certificates		\$ (23,487,000)		(23,487,000)
VRDP Shares		(144,600,000)		(144,600,000)
Total	\$ 177,000	\$ (168,087,000)		\$ (167,910,000)

There were no transfers between levels during the period ended October 31, 2014.

BLACKROCK MUNIYIELD MICHIGAN QUALITY 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 MuniYield Michigan Quality Fund, Inc.

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

Chief Executive Officer (principal executive officer) of BlackRock MuniYield Michigan Quality Fund, Inc.

Date: December 23, 2014

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 MuniYield Michigan Quality Fund, Inc.

Date: December 23, 2014

By: /s/ Neal J. Andrews

Neal J. Andrews

Chief Financial Officer (principal financial officer) of BlackRock MuniYield Michigan Quality Fund, Inc.

Date: December 23, 2014