

BLACKROCK MUNIYIELD CALIFORNIA QUALITY FUND, INC.  
Form N-Q  
June 22, 2015

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 811-06692

Name of Fund: BlackRock MuniYield California Quality Fund, Inc. (MCA)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock MuniYield California Quality 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: 07/31/2015

Date of reporting period: 04/30/2015

Item 1 Schedule of Investments

## Schedule of Investments April 30, 2015 (Unaudited)

## BlackRock MuniYield California Quality Fund, Inc. (MCA)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
<b>Municipal Bonds</b>		
<b>California 93.3%</b>		
<b>Corporate 0.5%</b>		
City of Chula Vista California, Refunding RB, San Diego Gas & Electric, Series A, 5.88%, 2/15/34	\$ 2,435	\$ 2,858,933
<b>County/City/Special District/School District 29.1%</b>		
Centinela Valley Union High School District, GO, Refunding, Election of 2008, Series B, 6.00%, 8/01/36	2,250	2,758,545
City & County of San Francisco California, COP, AMT, Port Facilities Project, Series C, 5.25%, 3/01/32	1,050	1,197,315
County of Kern California, COP, Capital Improvements Projects, Series A (AGC), 6.00%, 8/01/35	2,000	2,317,180
County of Los Angeles California Sanitation Districts Financing Authority, Refunding RB, (BHAC), 5.00%, 10/01/15 (a)	5,000	5,099,200
County of Orange California Sanitation District, COP, Series A, 5.00%, 2/01/35	2,500	2,802,900
County of Orange California Water District, COP, Refunding, 5.25%, 8/15/34	9,045	10,407,448
County of San Joaquin California Transportation Authority, Refunding RB, Limited Tax, Measure K, Series A, 6.00%, 3/01/36	2,755	3,341,953
Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/37	2,705	3,104,258
Grossmont Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (a)	2,500	3,078,250
Grossmont Union High School District, GO, Election of 2008, Series C, 5.50%, 8/01/33	1,880	2,166,888
Kern Community College District, GO, Safety Repair & Improvements, Series C, 5.25%, 11/01/32	5,715	6,659,747
Los Angeles Municipal Improvement Corp., Refunding LRB, Real Property, Series B (AGC), 5.50%, 4/01/39	2,075	2,359,420
	<b>Par</b>	
	<b>(000)</b>	<b>Value</b>
<b>Municipal Bonds</b>		
<b>California (continued)</b>		
<b>County/City/Special District/School District (continued)</b>		
Mount San Antonio Community College District, GO, Refunding, Election of 2008, Series 2013 A, 5.00%, 8/01/34	\$ 4,500	\$ 5,188,950
Ohlone Community College District, GO, Election of 2010, Series A, 5.25%, 8/01/41	8,140	9,307,195
Orchard School District, GO, Election of 2001, Series A (AGC), 5.00%, 8/01/34	7,490	8,519,575
Oxnard Union High School District California, GO, Refunding, Series A (NPFGC), 6.20%, 8/01/30	9,645	10,461,739
Pittsburg Unified School District, GO, Election of 2006, Series B (AGM):		
5.50%, 8/01/34	2,000	2,260,780
5.63%, 8/01/39	4,500	5,104,575
Redlands Unified School District California, GO, Election of 2008 (AGM), 5.25%, 7/01/33	5,000	5,579,000
San Francisco Bay Area Rapid Transit District, Refunding RB, Series A (NPFGC), 5.00%, 7/01/34	7,000	7,054,460
San Jose California Financing Authority, Series A, LRB, Convention Center Expansion & Renovation Project:		
5.75%, 5/01/36	2,570	2,691,253
5.75%, 5/01/42	4,500	5,351,085
San Jose California Financing Authority, Refunding LRB:		
Civic Center Project, 5.00%, 6/01/32	3,375	3,845,981
Convention Center Expansion & Renovation Project, 5.00%, 6/01/39	8,300	9,294,008
San Juan Unified School District, GO, Election of 2002 (AGM), 5.00%, 8/01/34	6,475	7,379,816
San Leandro California Unified School District, GO, Election of 2010, Series A, 5.75%, 8/01/41	3,000	3,584,430
San Ramon Valley Unified School District, GO, Election of 2012, 4.00%, 8/01/40	1,665	1,707,224
Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC), 5.75%, 9/01/38	5,600	6,491,464

## Schedule of Investments (continued)

BlackRock MuniYield California Quality Fund, Inc. (MCA)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
<b>Municipal Bonds</b>		
<b>California (continued)</b>		
<b>County/City/Special District/School District (concluded)</b>		
Walnut Valley Unified School District, GO, Election of 2007, Series B, 5.75%, 8/01/41	\$ 7,680	\$ 9,318,912
West Contra Costa California Unified School District, GO:		
Election of 2010, Series A (AGM), 5.25%, 8/01/41	6,140	7,094,647
Election of 2010, Series B, 5.50%, 8/01/39	3,000	3,487,380
Election of 2012, Series A, 5.50%, 8/01/39	2,500	2,906,150
		161,921,728
<b>Education 6.2%</b>		
California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42	2,750	3,198,250
California State University, Refunding RB, Series C (NPFGC), 5.00%, 11/01/15 (a)	14,000	14,337,540
Gavilan Joint Community College District, GO, Election of 2004, Series D:		
5.50%, 8/01/31	2,165	2,535,994
5.75%, 8/01/35	8,400	9,959,376
University of California, RB, 5.25%, 5/15/36	3,680	4,334,599
		34,365,759
<b>Health 11.0%</b>		
ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series A, 6.00%, 8/01/30	1,500	1,822,425
California Health Facilities Financing Authority, RB:		
Children's Hospital, Series A, 5.25%, 11/01/41	10,000	11,176,300
Providence Health Services, Series B, 5.50%, 10/01/39	4,105	4,728,549
Sutter Health, Series A, 5.25%, 11/15/46	6,970	7,353,141
Sutter Health, Series B, 6.00%, 8/15/42	7,715	9,215,799
California Health Facilities Financing Authority, Refunding RB, Catholic Healthcare West, Series A:		
6.00%, 7/01/34	2,310	2,669,783
6.00%, 7/01/39	5,500	6,347,110
	<b>Par</b>	
<b>Municipal Bonds</b>		
<b>California (continued)</b>		
<b>Health (concluded)</b>		
California Statewide Communities Development Authority, RB:		
Kaiser Permanente, Series B, 5.25%, 3/01/45	\$ 6,000	\$ 6,180,000
Sutter Health, Series A, 6.00%, 8/15/42	4,600	5,494,838
California Statewide Communities Development Authority, Refunding RB:		
Catholic Healthcare West, Series D (BHAC), 5.50%, 7/01/31	865	946,362
Trinity Health Credit Group Composite Issue, 5.00%, 12/01/41	2,850	3,170,283
Washington Township Health Care District, GO, Series B, 5.50%, 8/01/38	1,625	1,935,115
		61,039,705
<b>State 7.6%</b>		
State of California, GO, Various Purposes:		
6.00%, 3/01/33	5,500	6,596,205
6.00%, 4/01/38	17,180	20,104,723
6.00%, 11/01/39	3,510	4,193,537
State of California Public Works Board, LRB:		
Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34	3,670	4,389,540
Various Capital Projects, Series I, 5.50%, 11/01/33	2,575	3,082,945
Various Capital Projects, Sub-Series I-1, 6.13%, 11/01/29	3,365	4,083,798
		42,450,748
<b>Tobacco 2.3%</b>		
	11,480	12,706,064

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Golden State Tobacco Securitization Corp., Refunding RB, Asset-Backed, Series A, 5.00%,  
6/01/40

**Transportation 16.1%**

City & County of San Francisco California Airports Commission, ARB:

Series E, 6.00%, 5/01/39	9,650	11,309,124
Special Facility Lease, SFO Fuel, Series A, AMT (AGM), 6.10%, 1/01/20	860	864,068

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BLACKROCK MUNIYIELD CALIFORNIA QUALITY FUND, INC.

APRIL 30, 2015

## Schedule of Investments (continued)

BlackRock MuniYield California Quality Fund, Inc. (MCA)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
<b>Municipal Bonds</b>		
<b>California (continued)</b>		
<b>Transportation (continued)</b>		
City & County of San Francisco California Airports Commission, ARB (concluded):		
Special Facility Lease, SFO Fuel, Series A, AMT (AGM), 6.13%, 1/01/27	\$ 985	\$ 989,511
City & County of San Francisco California Airports Commission, Refunding ARB, AMT:		
2nd Series 34E (AGM), 5.75%, 5/01/24	5,000	5,583,300
2nd Series 34E (AGM), 5.75%, 5/01/25	3,500	3,895,255
2nd Series A, 5.25%, 5/01/33	1,435	1,629,328
City of Los Angeles California Department of Airports, ARB, Los Angeles International Airport, Sub-Series B, 5.00%, 5/15/40	2,500	2,799,650
City of Los Angeles California Department of Airports, Refunding ARB, Los Angeles International Airport, Senior Series A, 5.25%, 5/15/29	4,760	5,472,191
City of San Jose California, Refunding ARB, Series A-1, AMT, 6.25%, 3/01/34	1,400	1,649,732
County of Orange California, ARB, Series B, 5.75%, 7/01/34	5,000	5,497,000
County of Sacramento California, ARB:		
Senior Series B, AMT (AGM), 5.25%, 7/01/33	7,000	7,696,290
Subordinated & Passenger Facility Charges/Grant, Series C (AGC), 5.75%, 7/01/39	5,555	6,280,261
County of San Bernardino California Transportation Authority, RB, Series A, 5.25%, 3/01/40	4,500	5,265,360
County of San Diego California Regional Airport Authority, Refunding ARB, Series B, 5.00%, 7/01/40	6,350	7,018,655
Los Angeles County Metropolitan Transportation Authority, RB, (AMBAC):		
5.00%, 7/01/15 (a)	9,050	9,124,029
5.00%, 7/01/27	655	660,319
5.00%, 7/01/35	1,120	1,129,094
	<b>Par</b>	
	(000)	Value
<b>Municipal Bonds</b>		
<b>California (continued)</b>		
<b>Transportation (concluded)</b>		
Los Angeles Harbor Department, RB, Series B:		
5.25%, 8/01/34	\$ 5,530	\$ 6,309,841
5.25%, 8/01/39	2,760	3,149,215
Port of Oakland, Refunding RB, AMT, Series P, 5.00%, 5/01/26	3,000	3,448,620
		89,770,843
<b>Utilities 20.5%</b>		
Anaheim Public Financing Authority, RB, Electric System Distribution Facilities, Series A, 5.38%, 10/01/36	5,000	5,863,400
City of Los Angeles California Department of Water & Power, Refunding RB, Series A, 5.25%, 7/01/39	8,000	8,949,360
City of Los Angeles California Wastewater System, Refunding RB, Sub-Series A, 5.00%, 6/01/28	2,000	2,306,100
City of Napa California Water Revenue, RB, (AMBAC), 5.00%, 5/01/35	8,070	8,678,478
City of San Francisco California, Refunding RB, Public Utilities Water Commission, Series A, 5.25%, 11/01/31	6,280	7,244,357
City of San Francisco California Public Utilities Commission Water Revenue, RB, Series A, 5.00%, 11/01/37	10,000	11,251,200
County of San Diego California Water Authority, COP, Refunding, Series A (AGM), 5.00%, 5/01/38	4,895	5,391,206
Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41	4,000	4,791,640
East Bay California Municipal Utility District Water System Revenue, RB, Series A (NPFGC), 5.00%, 6/01/15 (a)	10,905	10,950,038
East Bay California Municipal Utility District Water System Revenue, Refunding RB (a):		
Series A (NPFGC), 5.00%, 6/01/17	4,000	4,362,680
Sub-Series A (AGM), 5.00%, 6/01/17	10,000	10,906,700
Sub-Series A (AMBAC), 5.00%, 6/01/17	3,000	3,270,690



Schedule of Investments (continued)

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	<b>Par</b>
<b>Municipal Bonds</b>	<b>(000)</b>