BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC.

Form N-Q June 22, 2016

### **UNITED STATES**

### SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

### **FORM N-Q**

# QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED

### MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-08573

Name of Fund: BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

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

MuniHoldings 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: 07/31/2016

Date of reporting period: 04/30/2016

Item 1 Schedule of Investments

### Schedule of Investments April 30, 2016 (Unaudited)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

Par

(Percentages shown are based on Net Assets)

		Par			
W 11 18 1		(0.00)			
Municipal Bonds		(000)		Value	
California 104.3%					
Corporate 2.7%					
California Pollution Control Financing Authority, Refunding RB, Waste Management, Inc., AMT:	ф	5.000	ф	5 204 400	
Series A-1, 3.38%, 7/01/25	\$	5,000	\$	5,394,400	
Series B-1, 3.00%, 11/01/25		9,000		9,479,250	
City of Chula Vista California, Refunding RB, San Diego Gas & Electric, Series A, 5.88%, 2/15/34		2,435		2,802,222	
				17,675,872	
County/City/Special District/School District 33.2%					
Centinela Valley Union High School District, GO:					
County of Los Angeles, California (BAM), 4.00%, 8/01/41 (a)		2,500		2,706,800	
Election of 2010, Series A, 5.75%, 8/01/21 (b)		9,120		11,308,526	
County of Kern California, COP, Capital Improvements Projects, Series A (AGC), 6.00%, 8/01/35		3,500		3,978,240	
County of Los Angeles Public Works Financing Authority, Refunding RB, Series D:					
4.00%, 12/01/40		1,000		1,073,280	
5.00%, 12/01/45		1,430		1,690,289	
County of Orange California Sanitation District, COP, Series A, 5.00%, 2/01/19 (b)		2,500		2,788,950	
County of Riverside California Public Financing Authority, RB, Capital Facilities Project,					
5.25%, 11/01/45		10,000		11,995,300	
County of San Joaquin California Transportation Authority, Refunding RB, Limited Tax, Measure K,		•			
Series A, 6.00%, 3/01/36		2,665		3,238,002	
County of Ventura California Community College District, GO, Election of 2002, Series C,		,		.,,	
5.50%, 8/01/18 (b)		4,000		4,430,120	
Culver City Redevelopment Finance Authority California, Refunding, Tax Allocation Bonds,		.,		1,120,120	
Series A (AGM), 5.60%, 11/01/25		3,750		3,765,712	
		Par		-,,,,	
		1 111			
Municipal Bonds				Value	
Municipal Bonds California (continued)		(000)		Value	
California (continued)				Value	
California (continued) County/City/Special District/School District (continued)	\$	(000)	\$		
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40	\$	( <b>000</b> ) 2,500	\$	2,731,250	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40	\$	(000)	\$		
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D:	\$	2,500 5,500	\$	2,731,250 6,651,920	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31	\$	2,500 5,500 2,170	\$	2,731,250 6,651,920 2,563,074	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35	\$	2,500 5,500	\$	2,731,250 6,651,920	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35 Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects,	\$	2,500 5,500 2,170 8,400	\$	2,731,250 6,651,920 2,563,074 10,003,056	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35 Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c)	\$	2,500 5,500 2,170 8,400 5,000	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200	
California (continued)  County/City/Special District/School District (continued)  Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40  Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40  Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31  5.75%, 8/01/35  Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c)  Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b)	\$	2,500 5,500 2,170 8,400	\$	2,731,250 6,651,920 2,563,074 10,003,056	
California (continued)  County/City/Special District/School District (continued)  Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40  Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40  Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31  5.75%, 8/01/35  Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c)  Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b)  Imperial Irrigation District, Series A, Electric System Revenue:	\$	2,500 5,500 2,170 8,400 5,000 2,000	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420	
California (continued)  County/City/Special District/School District (continued)  Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40  Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40  Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31  5.75%, 8/01/35  Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c)  Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b)  Imperial Irrigation District, Series A, Electric System Revenue: 5.13%, 11/01/18 (b)	\$	2,500 5,500 2,170 8,400 5,000 2,000 6,530	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420 7,240,072	
California (continued)  County/City/Special District/School District (continued)  Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40  Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40  Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31  5.75%, 8/01/35  Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c)  Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b)  Imperial Irrigation District, Series A, Electric System Revenue: 5.13%, 11/01/18 (b) 5.13%, 11/01/38	\$	2,500 5,500 2,170 8,400 5,000 2,000	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35 Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c) Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b) Imperial Irrigation District, Series A, Electric System Revenue: 5.13%, 11/01/18 (b) 5.13%, 11/01/38 Kern Community College District, GO, Safety Repair & Improvements, Series C:	\$	2,500 5,500 2,170 8,400 5,000 2,000 6,530 1,470	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420 7,240,072 1,621,601	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35 Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c) Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b) Imperial Irrigation District, Series A, Electric System Revenue: 5.13%, 11/01/18 (b) 5.13%, 11/01/38 Kern Community College District, GO, Safety Repair & Improvements, Series C: 5.25%, 11/01/32		2,500 5,500 2,170 8,400 5,000 2,000 6,530 1,470 5,715	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420 7,240,072 1,621,601 7,116,146	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35 Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c) Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b) Imperial Irrigation District, Series A, Electric System Revenue: 5.13%, 11/01/18 (b) 5.13%, 11/01/38 Kern Community College District, GO, Safety Repair & Improvements, Series C: 5.25%, 11/01/32 5.75%, 11/01/34		2,500 5,500 2,170 8,400 5,000 2,000 6,530 1,470	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420 7,240,072 1,621,601	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35 Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c) Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b) Imperial Irrigation District, Series A, Electric System Revenue: 5.13%, 11/01/18 (b) 5.13%, 11/01/38 Kern Community College District, GO, Safety Repair & Improvements, Series C: 5.25%, 11/01/32 5.75%, 11/01/34 Los Alamitos Unified School District, GO, Refunding, School Facilities Improvement, Series E,		2,500 5,500 2,170 8,400 5,000 2,000 6,530 1,470 5,715 12,085	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420 7,240,072 1,621,601 7,116,146 15,492,366	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35 Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c) Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b) Imperial Irrigation District, Series A, Electric System Revenue: 5.13%, 11/01/18 (b) 5.13%, 11/01/38 Kern Community College District, GO, Safety Repair & Improvements, Series C: 5.25%, 11/01/32 5.75%, 11/01/34 Los Alamitos Unified School District, GO, Refunding, School Facilities Improvement, Series E, 5.25%, 8/01/39		2,500 5,500 2,170 8,400 5,000 2,000 6,530 1,470 5,715 12,085 3,700	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420 7,240,072 1,621,601 7,116,146 15,492,366 4,480,441	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35 Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c) Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b) Imperial Irrigation District, Series A, Electric System Revenue: 5.13%, 11/01/18 (b) 5.13%, 11/01/38 Kern Community College District, GO, Safety Repair & Improvements, Series C: 5.25%, 11/01/32 5.75%, 11/01/34 Los Alamitos Unified School District, GO, Refunding, School Facilities Improvement, Series E, 5.25%, 8/01/39 Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 8/01/35		2,500 5,500 2,170 8,400 5,000 2,000 6,530 1,470 5,715 12,085	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420 7,240,072 1,621,601 7,116,146 15,492,366	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35 Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c) Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b) Imperial Irrigation District, Series A, Electric System Revenue: 5.13%, 11/01/18 (b) 5.13%, 11/01/38 Kern Community College District, GO, Safety Repair & Improvements, Series C: 5.25%, 11/01/32 5.75%, 11/01/34 Los Alamitos Unified School District, GO, Refunding, School Facilities Improvement, Series E, 5.25%, 8/01/39 Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 8/01/35 Merced Union High School District, GO, CAB, Refunding (AGM) (d):		2,500 5,500 2,170 8,400 5,000 2,000 6,530 1,470 5,715 12,085 3,700 11,000	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420 7,240,072 1,621,601 7,116,146 15,492,366 4,480,441 12,680,690	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35 Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c) Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b) Imperial Irrigation District, Series A, Electric System Revenue: 5.13%, 11/01/18 (b) 5.13%, 11/01/38 Kern Community College District, GO, Safety Repair & Improvements, Series C: 5.25%, 11/01/32 5.75%, 11/01/34 Los Alamitos Unified School District, GO, Refunding, School Facilities Improvement, Series E, 5.25%, 8/01/39 Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 8/01/35 Merced Union High School District, GO, CAB, Refunding (AGM) (d): 0.00%, 8/01/40		2,500 5,500 2,170 8,400 5,000 2,000 6,530 1,470 5,715 12,085 3,700 11,000	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420 7,240,072 1,621,601 7,116,146 15,492,366 4,480,441 12,680,690 1,261,220	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35 Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c) Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b) Imperial Irrigation District, Series A, Electric System Revenue: 5.13%, 11/01/18 (b) 5.13%, 11/01/38 Kern Community College District, GO, Safety Repair & Improvements, Series C: 5.25%, 11/01/34 Los Alamitos Unified School District, GO, Refunding, School Facilities Improvement, Series E, 5.25%, 8/01/39 Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 8/01/35 Merced Union High School District, GO, CAB, Refunding (AGM) (d): 0.00%, 8/01/40 0.00%, 8/01/42		2,500 5,500 2,170 8,400 5,000 2,000 6,530 1,470 5,715 12,085 3,700 11,000 3,800 4,125	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420 7,240,072 1,621,601 7,116,146 15,492,366 4,480,441 12,680,690 1,261,220 1,211,265	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35 Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c) Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b) Imperial Irrigation District, Series A, Electric System Revenue: 5.13%, 11/01/18 (b) 5.13%, 11/01/38 Kern Community College District, GO, Safety Repair & Improvements, Series C: 5.25%, 11/01/32 5.75%, 11/01/34 Los Alamitos Unified School District, GO, Refunding, School Facilities Improvement, Series E, 5.25%, 8/01/39 Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 8/01/35 Merced Union High School District, GO, CAB, Refunding (AGM) (d): 0.00%, 8/01/40 0.00%, 8/01/42 Mount San Jacinto Community College District, GO, Series A, 5.00%, 8/01/35		(000) 2,500 5,500 2,170 8,400 5,000 2,000 6,530 1,470 5,715 12,085 3,700 11,000 3,800 4,125 3,565	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420 7,240,072 1,621,601 7,116,146 15,492,366 4,480,441 12,680,690 1,261,220 1,211,265 4,320,174	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35 Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c) Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b) Imperial Irrigation District, Series A, Electric System Revenue: 5.13%, 11/01/18 (b) 5.13%, 11/01/38 Kern Community College District, GO, Safety Repair & Improvements, Series C: 5.25%, 11/01/32 5.75%, 11/01/34 Los Alamitos Unified School District, GO, Refunding, School Facilities Improvement, Series E, 5.25%, 8/01/39 Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 8/01/35 Merced Union High School District, GO, CAB, Refunding (AGM) (d): 0.00%, 8/01/42 Mount San Jacinto Community College District, GO, Series A, 5.00%, 8/01/35 Oxnard Union High School District, GO, Refunding, Election of 2004, Series A (AGM), 5.00%, 8/01/35		2,500 5,500 2,170 8,400 5,000 2,000 6,530 1,470 5,715 12,085 3,700 11,000 3,800 4,125 3,565 10,000	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420 7,240,072 1,621,601 7,116,146 15,492,366 4,480,441 12,680,690 1,261,220 1,211,265 4,320,174 11,372,100	
California (continued) County/City/Special District/School District (continued) Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 5.75%, 8/01/35 Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects, 0.91%, 5/01/17 (c) Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (b) Imperial Irrigation District, Series A, Electric System Revenue: 5.13%, 11/01/18 (b) 5.13%, 11/01/38 Kern Community College District, GO, Safety Repair & Improvements, Series C: 5.25%, 11/01/32 5.75%, 11/01/34 Los Alamitos Unified School District, GO, Refunding, School Facilities Improvement, Series E, 5.25%, 8/01/39 Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 8/01/35 Merced Union High School District, GO, CAB, Refunding (AGM) (d): 0.00%, 8/01/40 0.00%, 8/01/42 Mount San Jacinto Community College District, GO, Series A, 5.00%, 8/01/35		(000) 2,500 5,500 2,170 8,400 5,000 2,000 6,530 1,470 5,715 12,085 3,700 11,000 3,800 4,125 3,565	\$	2,731,250 6,651,920 2,563,074 10,003,056 4,998,200 2,515,420 7,240,072 1,621,601 7,116,146 15,492,366 4,480,441 12,680,690 1,261,220 1,211,265 4,320,174	

BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC.

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

	Par		
Municipal Bonds	(000)	Value	
California (continued)	(000)	v aiue	
County/City/Special District/School District (continued)			
Riverside Community College District Foundation, GO, Election of 2004 (b):			
Series C (AGM), 5.00%, 8/01/17	\$ 8.750	\$ 9,232,300	
Series C (NPFGC), 5.00%, 8/01/17	8,910	9,401,119	
San Diego Regional Building Authority, RB, County Operations Center & Annex, Series A,	0,710	3,101,113	
5.50%, 2/01/19 (b)	905	1,020,062	
San Diego Unified School District, GO, CAB, Series C (d):	, ,	1,020,002	
Election of 2008, 0.00%, 7/01/42	3,605	1,356,381	
Election of 2008, 0.00%, 7/01/43	1,310	473.552	
Election of 2008, 0.00%, 7/01/45	1,575	526,759	
0.00%, 7/01/47	1,000	307,790	
San Jose California Financing Authority, LRB, Convention Center Expansion & Renovation Project, Series		•	
A:			
5.75%, 5/01/36	2,560	2,571,341	
5.75%, 5/01/42	4,500	5,340,105	
San Jose California Financing Authority, Refunding LRB, Civic Center Project, Series A, 5.00%, 6/01/39	5,800	6,761,060	
San Marcos Redevelopment Agency Successor Agency, Refunding, Tax Allocation Bonds, Series A:		•	
5.00%, 10/01/32	1,700	2,059,550	
5.00%, 10/01/33	1,125	1,357,684	
Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC), 5.75%, 9/01/19 (b)	5,635	6,544,602	
Sweetwater Union High School District, GO, Refunding, 4.00%, 8/01/42	5,000	5,389,250	
West Contra Costa California Unified School District, GO:			
Election of 2010, Series A (AGM), 5.25%, 8/01/41	5,390	6,379,281	
Election of 2010, Series B, 5.50%, 8/01/39	3,195	3,924,834	
	Par		
Municipal Bonds	(000)	Value	
Municipal Bonds California (continued)	(000)	Value	
•	(000)	Value	
California (continued)	(000)	Value	
California (continued) County/City/Special District/School District (continued)	( <b>000</b> ) \$ 2,500	<b>Value</b> \$ 3,071,075	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued):	, , , , , , , , , , , , , , , , , , ,		
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued):	, , , , , , , , , , , , , , , , , , ,	\$ 3,071,075	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39	, , , , , , , , , , , , , , , , , , ,		
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5%	\$ 2,500	\$ 3,071,075 221,445,811	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42	, , , , , , , , , , , , , , , , , , ,	\$ 3,071,075	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB:	\$ 2,500	\$ 3,071,075 221,445,811 3,296,177	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42	\$ 2,500	\$ 3,071,075 221,445,811	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40	\$ 2,500 2,750 5,430	\$ 3,071,075 221,445,811 3,296,177 6,483,909	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41	\$ 2,500 2,750 5,430 2,360	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41	\$ 2,500 2,750 5,430 2,360	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828 4,348,800	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41 Series AR, 5.00%, 5/15/46	\$ 2,500 2,750 5,430 2,360	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41 Series AR, 5.00%, 5/15/46  Health 13.4%	\$ 2,500 2,750 5,430 2,360	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828 4,348,800	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41 Series AR, 5.00%, 5/15/46  Health 13.4% ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B,	\$ 2,500 2,750 5,430 2,360 3,600	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828 4,348,800 16,993,714	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41 Series AR, 5.00%, 5/15/46  Health 13.4% ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B, 6.25%, 8/01/39	\$ 2,500 2,750 5,430 2,360	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828 4,348,800	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41 Series AR, 5.00%, 5/15/46  Health 13.4% ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B, 6.25%, 8/01/39 California Health Facilities Financing Authority, RB:	\$ 2,500 2,750 5,430 2,360 3,600	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828 4,348,800 16,993,714 7,303,081	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41 Series AR, 5.00%, 5/15/46  Health 13.4% ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B, 6.25%, 8/01/39 California Health Facilities Financing Authority, RB: Children s Hospital, Series A, 5.25%, 11/01/41	\$ 2,500 2,750 5,430 2,360 3,600 6,305 8,000	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828 4,348,800 16,993,714 7,303,081 9,213,840	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41 Series AR, 5.00%, 5/15/46  Health 13.4% ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B, 6.25%, 8/01/39 California Health Facilities Financing Authority, RB: Children s Hospital, Series A, 5.25%, 11/01/41 Providence Health Services, Series B, 5.50%, 10/01/39	\$ 2,500 2,750 5,430 2,360 3,600 6,305 8,000 4,130	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828 4,348,800 16,993,714 7,303,081 9,213,840 4,699,775	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41 Series AR, 5.00%, 5/15/46  Health 13.4% ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B, 6.25%, 8/01/39 California Health Facilities Financing Authority, RB: Children s Hospital, Series A, 5.25%, 11/01/41 Providence Health Services, Series B, 5.50%, 10/01/39 Sutter Health, Series A, 5.00%, 11/15/41	\$ 2,500 2,750 5,430 2,360 3,600 6,305 8,000 4,130 2,275	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828 4,348,800 16,993,714 7,303,081 9,213,840 4,699,775 2,695,807	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41 Series AR, 5.00%, 5/15/46  Health 13.4% ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B, 6.25%, 8/01/39 California Health Facilities Financing Authority, RB: Children s Hospital, Series A, 5.25%, 11/01/41 Providence Health Services, Series B, 5.50%, 10/01/39 Sutter Health, Series A, 5.00%, 11/15/41 Sutter Health, Series A, 5.25%, 11/15/46	\$ 2,500 2,750 5,430 2,360 3,600 6,305 8,000 4,130 2,275 7,500	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828 4,348,800 16,993,714 7,303,081 9,213,840 4,699,775 2,695,807 7,679,325	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41 Series AR, 5.00%, 5/15/46  Health 13.4% ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B, 6.25%, 8/01/39 California Health Facilities Financing Authority, RB: Children's Hospital, Series A, 5.25%, 11/01/41 Providence Health Services, Series B, 5.50%, 10/01/39 Sutter Health, Series A, 5.00%, 11/15/41 Sutter Health, Series A, 5.25%, 11/15/46 Sutter Health, Series B, 6.00%, 8/15/42	\$ 2,500 2,750 5,430 2,360 3,600 6,305 8,000 4,130 2,275	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828 4,348,800 16,993,714 7,303,081 9,213,840 4,699,775 2,695,807	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41 Series AR, 5.00%, 5/15/46  Health 13.4% ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B, 6.25%, 8/01/39 California Health Facilities Financing Authority, RB: Children s Hospital, Series A, 5.25%, 11/01/41 Providence Health Services, Series B, 5.50%, 10/01/39 Sutter Health, Series A, 5.00%, 11/15/41 Sutter Health, Series B, 6.00%, 8/15/42 California Health Facilities Financing Authority, Refunding RB:	\$ 2,500 2,750 5,430 2,360 3,600 6,305 8,000 4,130 2,275 7,500 9,655	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828 4,348,800 16,993,714 7,303,081 9,213,840 4,699,775 2,695,807 7,679,325 11,597,972	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41 Series AR, 5.00%, 5/15/46  Health 13.4% ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B, 6.25%, 8/01/39 California Health Facilities Financing Authority, RB: Children s Hospital, Series A, 5.25%, 11/01/41 Providence Health Services, Series B, 5.50%, 10/01/39 Sutter Health, Series A, 5.00%, 11/15/41 Sutter Health, Series A, 5.25%, 11/15/46 Sutter Health, Series B, 6.00%, 8/15/42 California Health Facilities Financing Authority, Refunding RB: Dignity Health, Series A, 6.00%, 7/01/34	\$ 2,500 2,750 5,430 2,360 3,600 6,305 8,000 4,130 2,275 7,500 9,655 3,700	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828 4,348,800 16,993,714 7,303,081 9,213,840 4,699,775 2,695,807 7,679,325 11,597,972 4,249,857	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41 Series AR, 5.00%, 5/15/46  Health 13.4% ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B, 6.25%, 8/01/39 California Health Facilities Financing Authority, RB: Children s Hospital, Series A, 5.25%, 11/01/41 Providence Health Services, Series B, 5.50%, 10/01/39 Sutter Health, Series A, 5.05%, 11/15/41 Sutter Health, Series A, 5.25%, 11/15/46 Sutter Health, Series B, 6.00%, 8/15/42 California Health Facilities Financing Authority, Refunding RB: Dignity Health, Series A, 6.00%, 7/01/34 Lucile Salter Packard Children s Hospital at Stanford, Series B, 5.00%, 8/15/55	\$ 2,500 2,750 5,430 2,360 3,600 6,305 8,000 4,130 2,275 7,500 9,655 3,700 4,500	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828 4,348,800 16,993,714 7,303,081 9,213,840 4,699,775 2,695,807 7,679,325 11,597,972 4,249,857 5,300,100	
California (continued) County/City/Special District/School District (continued) West Contra Costa California Unified School District, GO (continued): Election of 2012, Series A, 5.50%, 8/01/39  Education 2.5% California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 University of California, Refunding RB: Series AO, 5.00%, 5/15/40 Series AR, 5.00%, 5/15/41 Series AR, 5.00%, 5/15/46  Health 13.4% ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B, 6.25%, 8/01/39 California Health Facilities Financing Authority, RB: Children s Hospital, Series A, 5.25%, 11/01/41 Providence Health Services, Series B, 5.50%, 10/01/39 Sutter Health, Series A, 5.00%, 11/15/41 Sutter Health, Series A, 5.25%, 11/15/46 Sutter Health, Series B, 6.00%, 8/15/42 California Health Facilities Financing Authority, Refunding RB: Dignity Health, Series A, 6.00%, 7/01/34	\$ 2,500 2,750 5,430 2,360 3,600 6,305 8,000 4,130 2,275 7,500 9,655 3,700	\$ 3,071,075 221,445,811 3,296,177 6,483,909 2,864,828 4,348,800 16,993,714 7,303,081 9,213,840 4,699,775 2,695,807 7,679,325 11,597,972 4,249,857	

BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC.

2

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

	Par		
Municipal Bonds	(000)	Value	
California (continued)	(000)	v aruc	
Health (continued)			
California Statewide Communities Development Authority, Refunding RB:			
CHF Irvine LLC, 5.00%, 5/15/40	\$ 750	\$ 879,248	
Kaiser Permanente, Series C, 5.25%, 8/01/31	2,500	2,526,125	
Trinity Health Credit Group Composite Issue, 5.00%, 12/01/41	6,235	7,064,068	
·	1,625		
Washington Township Health Care District, GO, Election of 2004, Series B, 5.50%, 8/01/38	1,023	1,986,546	
		89,736,788	
State 7.6%			
State of California, GO:			
Various Purposes, 6.00%, 3/01/33	5,000	5,943,300	
Various Purposes, 6.00%, 4/01/38	27,765	31,830,907	
Refunding, Veterans Bond, 4.00%, 12/01/40	4,000	4,351,360	
State of California Public Works Board, LRB:	·		
Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34	3,670	4,295,441	
Various Capital Projects, Series I, 5.50%, 11/01/33	2,015	2,501,079	
State of California Public Works Board, RB, California State Prisons, Series C, 5.75%, 10/01/31	1,205	1,482,017	
	,	, - ,- ,-	
		50 404 104	
		50,404,104	
Transportation 20.7%	0.650	11 100 100	
City & County of San Francisco California Airports Commission, ARB, Series E, 6.00%, 5/01/39	9,650	11,103,193	
City & County of San Francisco California Airports Commission, Refunding ARB, AMT:			
2nd Series 34E (AGM), 5.75%, 5/01/22	4,950	5,438,615	
2nd Series 34E (AGM), 5.75%, 5/01/24	5,000	5,488,800	
2nd Series A, 5.00%, 5/01/29	6,435 <b>Par</b>	7,459,259	
W ** 18 1	(000)	<b>3</b> 7. <b>1</b>	
Municipal Bonds	(000)	Value	
California (continued)			
Transportation (continued)			
City of Los Angeles California Department of Airports, ARB:	Ф. 2.020	ф. 4.449.64 <del>7</del>	
AMT, Senior Series A, 5.00%, 5/15/40	\$ 3,830	\$ 4,442,647	
AMT, Series D, 5.00%, 5/15/35	2,000	2,347,640	
AMT, Series D, 5.00%, 5/15/36	1,500	1,755,510	
Los Angeles International Airport, Senior Series D, 5.25%, 5/15/29	2,590	3,015,744	
City of Los Angeles California Department of Airports, Refunding ARB, Los Angeles International			
Airport, Series A:			
Senior, 5.00%, 5/15/40	5,000	5,680,950	
5.25%, 5/15/39	5,845	6,551,485	
City of San Jose California, ARB, AMT, Series A (AMBAC), 5.00%, 3/01/37	8,000	8,257,520	
City of San Jose California, Refunding ARB, Series A-1, AMT:			
5.25%, 3/01/23	3,785	4,418,155	
6.25%, 3/01/34	1,400	1,680,966	
County of Orange California, ARB, Series B, 5.75%, 7/01/34	6,345	6,719,545	
County of Sacramento California, ARB:			
Senior Series A (AGC), 5.50%, 7/01/41	8,200	8,977,852	
Senior Series B, 5.75%, 7/01/39	2,650	2,913,755	
Senior Series B, AMT (AGM), 5.75%, 7/01/28	13,275	14,629,448	
Senior Series B, AMT (AGM), 5.25%, 7/01/33	18,000	19,473,300	
Senior Series B, AMT (AGM), 5.25%, 7/01/39			
	4,995	5,379,265	
County of San Bernardino California Transportation Authority, RB, Series A, 5.25%, 3/01/40	4,995 4,545	5,379,265 5,465,408	
County of San Bernardino California Transportation Authority, RB, Series A, 5.25%, 3/01/40 Port of Los Angeles California Harbor Department, RB, Series B, 5.25%, 8/01/34	·		

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

	Par		
Municipal Bonds	(000)	Value	
California (continued)			
Transportation (continued)			
Port of Los Angeles California Harbor Department, Refunding RB, Series A, AMT, 5.00%, 8/01/44	\$ 500	\$ 573,805	
		138,023,808	
Utilities 24.2%			
Anaheim Public Financing Authority, RB, Electric System Distribution Facilities, Series A,			
5.38%, 10/01/36	2,200	2,585,330	
Antelope Valley-East Kern Water Agency, Refunding RB, 5.00%, 6/01/34	1,075	1,312,242	
City of Los Angeles California Department of Water & Power, RB:			
Series A, 5.38%, 7/01/38	9,375	10,435,312	
Series A, 5.00%, 7/01/41	1,705	2,057,764	
Series A, 5.00%, 7/01/46	2,845	3,417,414	
Sub-Series A-2 (AGM), 5.00%, 7/01/35	5,000	5,040,750	
City of Los Angeles California Department of Water & Power, Refunding RB, Series A,			
5.25%, 7/01/39	16,000	18,509,280	
City of Los Angeles California Wastewater System, Refunding RB, Sub-Series A, 5.00%, 6/01/28	2,000	2,312,180	
City of San Francisco California Public Utilities Commission Water Revenue, RB:			
Series A, 5.00%, 11/01/39	5,245	6,226,759	
Series B, 5.00%, 11/01/30	10,000	11,361,500	
County of Kern California Water Agency Improvement District No. 4, Refunding RB, Series A			
(AGM):			
4.00%, 5/01/35	1,460	1,594,626	
4.00%, 5/01/36	1,430	1,555,397	
4.00%, 5/01/38	880	948,473	
County of Sacramento California Sanitation Districts Financing Authority, RB (NPFGC), 5.00%,			
12/01/36	1,010	1,014,101	
Dublin-San Ramon Services District Water Revenue, Refunding RB, 6.00%, 8/01/41	4,000	4,765,280	
	Par		
Municipal Bonds	(000)	Value	
California (continued)			
Utilities (continued)			
East Bay California Municipal Utility District Wastewater System Revenue, Refunding RB, Sub-Series			
A, 5.00%, 6/01/17 (AMBAC) (b)	\$ 17,015	\$ 17,831,890	
East Bay California Municipal Utility District Water System Revenue, Refunding RB (b):			
Series A (NPFGC), 5.00%, 6/01/17	6,670	6,990,227	
Sub-Series A (AGM), 5.00%, 6/01/17	10,000	10,480,100	
Eastern Municipal Water District, COP, Series H, 5.00%, 7/01/33	2,505	2,724,839	
El Dorado Irrigation District / El Dorado County Water Agency, Refunding RB, Series A (AGM),			
5.25%, 3/01/39	10,000	11,930,600	
San Diego Public Facilities Financing Authority Sewer, Refunding RB, Senior Series A, 5.25%, 5/15/19			
(b)	11,060	12,549,893	
San Diego Public Facilities Financing Authority Water, Refunding RB, Series B, 5.50%, 8/01/39	8,000	9,128,720	
San Juan Water District, Refunding RB, San Juan & Citrus Heights, 5.25%, 2/01/33	7,325	8,696,093	
Santa Clara Valley Water District, Refunding RB, Series A, 5.00%, 6/01/46	5,000	5,979,700	
Upper Santa Clara Valley Joint Powers Authority, Refunding RB, Series A (a):			
5.00%, 8/01/41	875	1,062,364	
5.00%, 8/01/46	1,000	1,209,140	
		161,719,974	
Total Municipal Bonds 104.3%		696,000,071	

BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC.

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

Municipal Bonds Transferred to	Par		
Tender Option Bond Trusts (e) California 57.3%	(000)	Value	
County/City/Special District/School District 28.0%			
County of Alameda California Joint Powers Authority, Refunding LRB (AGM), 5.00%, 12/01/34	\$ 13,180	\$ 14,025,233	
County of San Luis Obispo Community College District, GO, Refunding, Election of 2014, Series A,	Ψ 15,100	Ψ 11,023,233	
4.00%, 8/01/40	6,585	7,219,516	
Desert Community College District California, GO, Series C (AGM), 5.00%, 8/01/17 (b)	16,530	17,441,134	
Foothill-De Anza Community College District, GO, Series C, 5.00%, 8/01/40	40,000	46,357,600	
Los Angeles Community College District California, GO (b):	,	,	
Election of 2001, Series A (NPFGC), 5.00%, 8/01/17	6,647	7,013,842	
Election of 2001, Series E-1, 5.00%, 8/01/18	11,770	12,904,157	
Election of 2003, Series F-1, 5.00%, 8/01/18	10,000	10,963,600	
Los Angeles Community College District California, GO, Refunding, Election of 2008, Series A,			
6.00%, 8/01/19 (b)	9,596	11,196,490	
Palomar California Community College District, GO, Election of 2006, Series C, 5.00%, 8/01/44	15,140	18,015,389	
Poway Unified School District, GO, Election of 2002, Improvement District 02, Series 1-B (AGM),			
5.00%, 8/01/16 (b)	10,000	10,116,600	
Southwestern Community College District, GO, Election of 2008, Series D, 5.00%, 8/01/44	10,820	12,855,350	
West Valley-Mission Community College District, GO, Election of 2012, Series B, 4.00%, 8/01/40	17,000	18,740,120	
		186,849,031	
Education 5.7%		100,049,031	
University of California, RB:			
Series AM, 5.25%, 5/15/44	10,210	12,236,277	
Series O, 5.75%, 5/15/19 (b)	11,190	12,865,814	
University of California, Refunding RB:	11,190	12,003,814	
Series A, 5.00%, 11/01/43	6,001	7,173,327	
	0,001	7,173,327	
Municipal Rands Transforred to	Par		
Municipal Bonds Transferred to	Par		
		V-l	
Tender Option Bond Trusts (e)	(000)	Value	
Tender Option Bond Trusts (e) California (continued)		Value	
Tender Option Bond Trusts (e) California (continued) Education (continued)		Value	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued):	(000)		
Tender Option Bond Trusts (e) California (continued) Education (continued)		<b>Value</b> \$ 5,919,700	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued):	(000)	\$ 5,919,700	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39	(000)		
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2%	\$ 5,000	\$ 5,919,700 38,195,118	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52	\$ 5,000	\$ 5,919,700 38,195,118 16,978,672	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43	\$ 5,000	\$ 5,919,700 38,195,118	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%,	\$ 5,000 \$ 14,520 19,425	\$ 5,919,700 38,195,118 16,978,672 22,726,779	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43	\$ 5,000	\$ 5,919,700 38,195,118 16,978,672	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%,	\$ 5,000 \$ 14,520 19,425	\$ 5,919,700 38,195,118 16,978,672 22,726,779	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%,	\$ 5,000 \$ 14,520 19,425	\$ 5,919,700 38,195,118 16,978,672 22,726,779	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%,	\$ 5,000 \$ 14,520 19,425	\$ 5,919,700 38,195,118 16,978,672 22,726,779 22,019,366	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 4/01/42	\$ 5,000 \$ 14,520 19,425	\$ 5,919,700 38,195,118 16,978,672 22,726,779 22,019,366	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 4/01/42  Transportation 3.3%	\$ 5,000 \$ 14,520 19,425	\$ 5,919,700 38,195,118 16,978,672 22,726,779 22,019,366	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 4/01/42  Transportation 3.3% City of Los Angeles California Department of Airports, RB, Senior Revenue, Series A, AMT,	\$ 5,000 \$ 5,000 14,520 19,425 19,070	\$ 5,919,700 38,195,118 16,978,672 22,726,779 22,019,366 61,724,817	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 4/01/42  Transportation 3.3% City of Los Angeles California Department of Airports, RB, Senior Revenue, Series A, AMT, 5.00%, 5/15/40	(000) \$ 5,000 14,520 19,425 19,070	\$ 5,919,700 38,195,118 16,978,672 22,726,779 22,019,366 61,724,817 6,379,780	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 4/01/42  Transportation 3.3% City of Los Angeles California Department of Airports, RB, Senior Revenue, Series A, AMT, 5.00%, 5/15/40	(000) \$ 5,000 14,520 19,425 19,070	\$ 5,919,700 38,195,118 16,978,672 22,726,779 22,019,366 61,724,817 6,379,780 15,452,469	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 4/01/42  Transportation 3.3% City of Los Angeles California Department of Airports, RB, Senior Revenue, Series A, AMT, 5.00%, 5/15/40 City of Los Angeles California Department of Airports, Series D, AMT, 5.00%, 5/15/41	(000) \$ 5,000 14,520 19,425 19,070	\$ 5,919,700 38,195,118 16,978,672 22,726,779 22,019,366 61,724,817 6,379,780	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 4/01/42  Transportation 3.3% City of Los Angeles California Department of Airports, RB, Senior Revenue, Series A, AMT, 5.00%, 5/15/40 City of Los Angeles California Department of Airports, Series D, AMT, 5.00%, 5/15/41  Utilities 11.1%	(000) \$ 5,000 14,520 19,425 19,070 5,500 13,331	\$ 5,919,700 38,195,118 16,978,672 22,726,779 22,019,366 61,724,817 6,379,780 15,452,469 21,832,249	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 4/01/42  Transportation 3.3% City of Los Angeles California Department of Airports, RB, Senior Revenue, Series A, AMT, 5.00%, 5/15/40 City of Los Angeles California Department of Airports, Series D, AMT, 5.00%, 5/15/41  Utilities 11.1% City of Los Angeles California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44	(000) \$ 5,000 14,520 19,425 19,070	\$ 5,919,700 38,195,118 16,978,672 22,726,779 22,019,366 61,724,817 6,379,780 15,452,469	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 4/01/42  Transportation 3.3% City of Los Angeles California Department of Airports, RB, Senior Revenue, Series A, AMT, 5.00%, 5/15/40 City of Los Angeles California Department of Airports, Series D, AMT, 5.00%, 5/15/41  Utilities 11.1% City of Los Angeles California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Water Authority Financing Corp., COP, Refunding, Series A (AGM):	(000) \$ 5,000 14,520 19,425 19,070 5,500 13,331	\$ 5,919,700 38,195,118 16,978,672 22,726,779 22,019,366 61,724,817 6,379,780 15,452,469 21,832,249 16,478,085	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 4/01/42  Transportation 3.3% City of Los Angeles California Department of Airports, RB, Senior Revenue, Series A, AMT, 5.00%, 5/15/40 City of Los Angeles California Department of Airports, Series D, AMT, 5.00%, 5/15/41  Utilities 11.1% City of Los Angeles California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44	(000) \$ 5,000 14,520 19,425 19,070 5,500 13,331 13,790 2,778	\$ 5,919,700 38,195,118 16,978,672 22,726,779 22,019,366 61,724,817 6,379,780 15,452,469 21,832,249 16,478,085 3,006,629	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 4/01/42  Transportation 3.3% City of Los Angeles California Department of Airports, RB, Senior Revenue, Series A, AMT, 5.00%, 5/15/40 City of Los Angeles California Department of Airports, Series D, AMT, 5.00%, 5/15/41  Utilities 11.1% City of Los Angeles California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/18 (b) 5.00%, 5/01/18 (b) 5.00%, 5/01/33	\$ 5,000 14,520 19,425 19,070 5,500 13,331 13,790 2,778 13,962	\$ 5,919,700 38,195,118 16,978,672 22,726,779 22,019,366 61,724,817 6,379,780 15,452,469 21,832,249 16,478,085 3,006,629 15,112,077	
Tender Option Bond Trusts (e) California (continued) Education (continued) University of California, Refunding RB (continued): Series AF, 5.00%, 5/15/39  Health 9.2% California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52 California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 4/01/42  Transportation 3.3% City of Los Angeles California Department of Airports, RB, Senior Revenue, Series A, AMT, 5.00%, 5/15/40 City of Los Angeles California Department of Airports, Series D, AMT, 5.00%, 5/15/41  Utilities 11.1% City of Los Angeles California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44 County of San Diego California Wastewater System, RB, Green Bonds, Series A, 5.00%, 6/01/44	(000) \$ 5,000 14,520 19,425 19,070 5,500 13,331 13,790 2,778	\$ 5,919,700 38,195,118 16,978,672 22,726,779 22,019,366 61,724,817 6,379,780 15,452,469 21,832,249 16,478,085 3,006,629	

BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC.

APRIL 30, 2016

5

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

Municipal Bonds Transferred to	Par		
Tender Option Bond Trusts (e)	(000)	V	alue
California (continued)			
Utilities (continued)			
Rancho Water District Financing Authority, Refunding RB, Series A (AGM), 5.00%, 8/01/34	\$ 5,008	\$	5,463,881
		7	4,169,247
Total Municipal Bonds Transferred to			
Tender Option Bond Trusts 57.3%		38	32,770,462
Total Long-Term Investments			_,,,,,,,
S			
(Cost \$994,889,487) 161.6%		1.07	78,770,533
(Cost \$777,007,707) 101.0 %		1,07	0,770,555
Short-Term Securities	Shares		Value
BIF California Municipal Money			
Fund, 0.00% (f)(g)	6,488,003	\$	6,488,003
Total Short-Term Securities			
(Cost \$6,488,003) 1.0%			6,488,003
Total Investments			
(Cost \$1,001,377,490*) 162.6%			1,085,258,536
Other Assets Less Liabilities 0.9%			5,877,203
Liability for TOB Trust Certificates, Including Interest			
Expense and Fees Payable (25.4)%			(169,781,060)
VMTP Shares, at Liquidation Value (38.1)%			(254,000,000)
Net Assets Applicable to Common Shares 100.0%		\$	667,354,679

<sup>\*</sup> As of period end, gross unrealized appreciation and depreciation based on cost for federal income tax purposes were as follows:

Tax cost	\$ 832,231,092
Gross unrealized appreciation	\$ 83,893,271
Gross unrealized depreciation	(564,556)
Net unrealized appreciation	\$ 83,328,715

#### Notes to Schedule of Investments

- (a) When-issued security.
- (b) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (c) Variable rate security. Rate as of period end.
- (d) Zero-coupon bond.

- (e) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing.
- (f) During the period ended April 30, 2016, investments in issuers considered to be affiliates of the Fund for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

	Shares Held at July 31, 2015		Shares Held	
	at July 31,	Net	at April 30,	
Affiliate	2015	Activity	2016	Income
BIF California Municipal Money Fund	505,447	5,982,556	6,488,003	\$ 9

#### (g) Current yield as of period end.

6

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.

BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC. APRIL 30, 2016

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

Derivative Financial Instruments Outstanding as of Period End

**Futures Contracts** 

Contracts			Notional	Unrea	lized
Short	Issue	Expiration	Value	Apprec	ciation
(29)	5-Year U.S. Treasury Note	June 2016	\$ 3,506,508	\$ 1	12,198
(96)	10-Year U.S. Treasury Note	June 2016	\$12,486,000	(	55,915
(33)	Long U.S. Treasury Bond	June 2016	\$ 5,389,312	5	30,330
(12)	Ultra U.S. Treasury Bond	June 2016	\$ 2,056,125		34,294
Total				\$ 19	92,737

### Portfolio Abbreviations

AGC	Assured Guarantee Corp.	ARB	Airport Revenue Bonds	GO	General Obligation Bonds
AGM	Assured Guaranty Municipal Corp.	BAM	Build America Mutual Assurance Co.	LRB	Lease Revenue Bonds
AMBAC	American Municipal Bond Assurance	CAB	Capital Appreciation Bonds	NPFGC	National Public Finance Guarantee
	Corp.				Corp.
AMT	Alternative Minimum Tax (subject to)	COP	Certificates of Participation	RB	Revenue Bonds

BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC.

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

#### Fair Value Hierarchy as of Period End

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

Level 1 unadjusted price quotations in active markets/exchanges for identical assets or liabilities that 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 Fund s own assumptions used in determining the fair value of investments and derivative financial instruments)

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

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

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

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments <sup>1</sup>		\$ 1,078,770,533		\$ 1,078,770,533
Short-Term Securities	\$ 6,488,003			6,488,003
Total Investments	\$ 6,488,003	\$ 1,078,770,533		\$ 1,085,258,536

	Level 1	Level 2	Level 3	To	otal
Derivative Financial Instruments <sup>2</sup>					
Assets:					
Interest rate contracts	\$ 102 737			¢	192 737

<sup>&</sup>lt;sup>1</sup> See above Schedule of Investments for values in each sector.

<sup>&</sup>lt;sup>2</sup> Derivative financial instruments are futures contracts. Futures contracts are valued at the unrealized appreciation (depreciation) on the instrument.

BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC.

8

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial reporting purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Cash pledged for financial futures contracts	\$ 455,500			\$ 455,500
Liabilities:				
Bank overdraft		\$ (275,027)		(275,027)
TOB Trust Certificates		(169,698,729)		(169,698,729)
VMTP Shares		(254,000,000)		(254,000,000)
Total	\$ 455,500	\$ (423,973,756)		\$ (423,518,256)

During the period ended April 30, 2016, there were no transfers between levels.

BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC.

APRIL 30, 2016

9

### 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 MuniHoldings California Quality Fund, Inc.

By: /s/ John M. Perlowski

John M. Perlowski

Chief Executive Officer (principal executive officer) of BlackRock MuniHoldings California Quality Fund, Inc.

Date: June 22, 2016

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ John M. Perlowski

John M. Perlowski

Chief Executive Officer (principal executive officer) of BlackRock MuniHoldings California Quality Fund, Inc.

Date: June 22, 2016

By: /s/ Neal J. Andrews

Neal J. Andrews

Chief Financial Officer (principal financial officer) of BlackRock MuniHoldings California Quality Fund, Inc.

Date: June 22, 2016