

NUVEEN CALIFORNIA AMT-FREE QUALITY MUNICIPAL INCOME FUND
Form N-Q
July 30, 2018

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM N-Q

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT
INVESTMENT COMPANY**

Investment Company Act file number 811-21212

Nuveen California AMT-Free Quality Municipal Income Fund

(Exact name of registrant as specified in charter)

Nuveen Investments

333 West Wacker Drive, Chicago, Illinois 60606

(Address of principal executive offices) (Zip code)

Gifford R. Zimmerman

Vice President and Secretary

333 West Wacker Drive, Chicago, Illinois 60606

(Name and address of agent for service)

Registrant's telephone number, including area code: 312-917-7700

Date of fiscal year end: February 28

Date of reporting period: May 31, 2018

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (§§ 239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after the close of the first and third fiscal quarters, pursuant to rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget (OMB) control number. Please direct

comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to the Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. § 3507.

Item 1. Schedule of Investments

NKX

Nuveen California AMT-Free Quality Municipal Income Fund

Portfolio of Investments as of May 31, 2018

(Unaudited)

Principal

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 159.5% (100.0% of Total Investments)			
	MUNICIPAL BONDS – 159.5% (100.0% of Total Investments)			
	Consumer Staples – 7.9% (5.0% of Total Investments)			
\$ 475	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Alameda County Tobacco Asset Securitization Corporation, Series 2002, 5.750%, 6/01/29	8/18 at 100.00	Baa1	\$479,878
	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Los Angeles County Securitization Corporation, Series 2006A:			
6,350	5.600%, 6/01/36	12/18 at 100.00	B2	6,416,992
325	5.650%, 6/01/41	12/18 at 100.00	B2	328,029
2,780	5.700%, 6/01/46	12/18 at 100.00	B2	2,799,988
	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Sonoma County Tobacco Securitization Corporation, Series 2005, 4.250%, 6/01/21	8/18 at 100.00	A	25,063
1,805	California Statewide Financing Authority, Tobacco Settlement Asset-Backed Bonds, Pooled Tobacco Securitization Program, Series 2002A, 5.625%, 5/01/29	8/18 at 100.00	Baa2	1,806,877
	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Senior Convertible Series 2007A-2, 5.300%, 6/01/37	6/22 at 100.00	B3	16,859,934
	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1:			
5,280	5.000%, 6/01/33	7/18 at 100.00	B+	5,306,400
13,560	5.125%, 6/01/47	8/18 at 100.00	B-	13,560,407
	Tobacco Securitization Authority of Northern California, Tobacco Settlement Asset-Backed Bonds, Series 2005A-1:			
8,450	5.375%, 6/01/38	8/18 at 100.00	B-	8,464,365
2,000	5.500%, 6/01/45	8/18 at 100.00	B-	2,002,680
57,430	Total Consumer Staples			58,050,613
	Education and Civic Organizations – 5.3% (3.3% of Total Investments)			
	ABAG Finance Authority for Non-Profit Corporations, California, Revenue Bonds, The Jackson Laboratory, Series 2012, 5.000%, 7/01/37	7/22 at 100.00	A1	1,142,578
3,000	California Educational Facilities Authority, Revenue Bonds, Pepperdine University, Series 2015, 5.000%, 9/01/40	9/25 at 100.00	AA	3,421,320
3,600	California Educational Facilities Authority, Revenue Bonds, Santa Clara University, Series 2017C, 5.000%, 4/01/46	4/28 at 100.00	Aa3	4,228,704
2,000	California Educational Facilities Authority, Revenue Bonds, Stanford University, Refunding Series 2014U-6, 5.000%, 5/01/45	No Opt. Call	AAA	2,663,580
4,475		8/23 at 100.00	BB-	4,921,471

California Municipal Finance Authority Charter School Revenue
Bonds, Albert Einstein Academies Project, Series 2013A, 7.125%,
8/01/43

NKX Nuveen California AMT-Free Quality Municipal Income Fund (continued)
 Portfolio of Investments as of May 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Education and Civic Organizations (continued)			
\$ 1,780	California Municipal Finance Authority, Charter School Revenue Bonds, Rocketship Education Multiple Projects, Series 2014A, 7.250%, 6/01/43	6/22 at 102.00	N/R	\$2,036,801
1,600	California Municipal Finance Authority, Revenue Bonds, Goodwill Industries of Sacramento Valley & Northern Nevada Project, Series 2012A, 6.875%, 1/01/42, 144A	1/22 at 100.00	N/R	1,723,024
7,875	California Municipal Finance Authority, Revenue Bonds, Pomona College, Series 2017, 5.000%, 1/01/48	1/28 at 100.00	AAA	9,335,655
635	California School Finance Authority, School Facility Revenue Bonds, Alliance for College-Ready Public Schools Project, Series 2015A, 5.000%, 7/01/45, 144A	7/25 at 100.00	BBB	687,597
750	California School Finance Authority, School Facility Revenue Bonds, Alliance for College-Ready Public Schools Project, Series 2016A, 5.000%, 7/01/46, 144A	7/25 at 100.00	BBB	813,585
4,925	California School Finance Authority, School Facility Revenue Bonds, Alliance for College-Ready Public Schools Project, Series 2016C, 5.000%, 7/01/46	7/25 at 101.00	BBB	5,358,203
280	California School Finance Authority, School Facility Revenue Bonds, Value Schools, Series 2016A, 5.750%, 7/01/41, 144A	7/26 at 100.00	BB+	302,092
1,725	California State University, Systemwide Revenue Bonds, Series 2016A, 4.000%, 11/01/38	5/26 at 100.00	Aa2	1,824,412
185	California Statewide Communities Development Authority, Charter School Revenue Bonds, Rocketship 4 - Mosaic Elementary Charter School, Series 2011A, 8.500%, 12/01/41	12/21 at 100.00	N/R	215,286
300	California Statewide Communities Development Authority, School Facility Revenue Bonds, Alliance College-Ready Public Schools, Series 2011A, 7.000%, 7/01/46	7/21 at 100.00	BBB-	327,876
34,180	Total Education and Civic Organizations			39,002,184
	Health Care – 18.0% (11.3% of Total Investments)			
430	California Health Facilities Financing Authority, California, Revenue Bonds, Sutter Health, Refunding Series 2015A, 5.000%, 8/15/43	8/25 at 100.00	AA-	487,065
13,295	California Health Facilities Financing Authority, California, Revenue Bonds, Sutter Health, Refunding Series 2016B: 4.000%, 11/15/41	11/26 at 100.00	AA-	13,806,858
5,000	California Health Facilities Financing Authority, California, Revenue Bonds, Sutter Health, Refunding Series 2016B: 5.000%, 11/15/46	11/26 at 100.00	AA-	5,741,200
9,415	California Health Facilities Financing Authority, California, Revenue Bonds, Sutter Health, Refunding Series 2017A, 5.000%, 11/15/48	11/27 at 100.00	AA-	10,911,891
3,500	California Health Facilities Financing Authority, California, Revenue Bonds, Sutter Health, Refunding Series 2018A, 5.000%, 11/15/48	11/27 at 100.00	AA-	4,056,465

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	California Health Facilities Financing Authority, California, Revenue Bonds, Sutter Health, Series 2016A:			
18,430	5.000%, 11/15/41	11/25 at 100.00	AA-	20,978,869
5,500	5.000%, 11/15/46	11/25 at 100.00	AA-	6,240,960
1,255	California Health Facilities Financing Authority, Revenue Bonds, Children's Hospital Los Angeles, Series 2012A, 5.000%, 11/15/29	11/22 at 100.00	BBB+	1,373,522
875	California Health Facilities Financing Authority, Revenue Bonds, Children's Hospital Los Angeles, Series 2017A, 5.000%, 8/15/47	8/27 at 100.00	BBB+	981,068
1,000	California Health Facilities Financing Authority, Revenue Bonds, City of Hope National Medical Center, Series 2012A, 5.000%, 11/15/35	11/22 at 100.00	AA-	1,112,610
10,000	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2017A-2, 4.000%, 11/01/44	11/27 at 100.00	AA-	10,438,400
2				

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Health Care (continued)			
\$ 2,520	California Health Facilities Financing Authority, Revenue Bonds, Lucile Salter Packard Children's Hospital, Series 2014A, 5.000%, 8/15/43	8/24 at 100.00	AA-	\$2,796,973
2,000	California Health Facilities Financing Authority, Revenue Bonds, Memorial Health Services, Series 2012A, 5.000%, 10/01/33	10/22 at 100.00	AA-	2,230,640
1,405	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Refunding Series 2014A, 5.000%, 10/01/38	10/24 at 100.00	AA-	1,602,206
2,800	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2014B, 5.000%, 10/01/44	10/24 at 100.00	AA-	3,128,888
335	California Health Facilities Financing Authority, Revenue Bonds, Rady Children's Hospital - San Diego, Series 2011, 5.250%, 8/15/41	8/21 at 100.00	AA	359,813
250	California Municipal Finance Authority, Revenue Bonds, Eisenhower Medical Center, Series 2017A, 5.000%, 7/01/42	7/27 at 100.00	Baa2	278,318
1,690	California Municipal Finance Authority, Revenue Bonds, NorthBay Healthcare Group, Series 2017A, 5.250%, 11/01/36	11/26 at 100.00	BBB-	1,875,173
3,705	California Public Finance Authority, Revenue Bonds, Sharp HealthCare, Series 2017A, 4.000%, 8/01/47	2/28 at 100.00	AA	3,830,970
5,200	California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2014A, 5.250%, 12/01/44	12/24 at 100.00	BB+	5,645,744
14,740	California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2016A, 5.250%, 12/01/56, 144A	6/26 at 100.00	BB+	15,989,657
	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005A:			
780	5.750%, 7/01/24	8/18 at 100.00	CCC	772,208
4,240	5.750%, 7/01/30	8/18 at 100.00	CCC	4,197,600
105	5.750%, 7/01/35	8/18 at 100.00	CCC	103,950
6,160	California Statewide Community Development Authority, Revenue Bonds, Sherman Oaks Health System, Series 1998A, 5.000%, 8/01/22 – AMBAC Insured	No Opt. Call	AA-	6,590,399
	Marysville, California, Revenue Bonds, Fremont-Rideout Health Group, Series 2011:			
25	5.250%, 1/01/23	1/21 at 100.00	A	27,042
25	4.500%, 1/01/26	1/21 at 100.00	A	26,271
75	5.000%, 1/01/29	1/21 at 100.00	A	80,345
275	5.000%, 1/01/30	1/21 at 100.00	A	294,599
525	5.000%, 1/01/31	1/21 at 100.00	A	562,417
810	5.125%, 1/01/32	1/21 at 100.00	A	869,827
3,750	5.250%, 1/01/42	1/21 at 100.00	A	4,032,788
850	San Buenaventura, California, Revenue Bonds, Community Memorial Health System, Series 2011, 7.500%, 12/01/41	12/21 at 100.00	BB	954,890
120,965	Total Health Care			132,379,626

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	Housing/Multifamily – 0.8% (0.5% of Total Investments)			
155	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2012A, 5.500%, 8/15/47	8/22 at 100.00	BBB	167,881
350	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2012B, 7.250%, 8/15/47	8/22 at 100.00	A1	391,178
3				

NKX Nuveen California AMT-Free Quality Municipal Income Fund (continued)
 Portfolio of Investments as of May 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Housing/Multifamily (continued)			
	California Municipal Finance Authority, Mobile Home Park Senior Revenue Bonds, Caritas Affordable Housing, Inc. Projects, Series 2014A:			
\$ 260	5.250%, 8/15/39	8/24 at 100.00	BBB+	\$286,049
705	5.250%, 8/15/49	8/24 at 100.00	BBB+	770,699
	California Public Finance Authority, University Housing Revenue Bonds, National Campus Community Development - Claremont Properties LLC Claremont Colleges Project, Series 2017A, 5.000%, 7/01/37, 144A			
140		7/27 at 100.00	Ba2	150,784
	Independent Cities Finance Authority, California, Mobile Home Park Revenue Bonds, Rancho Vallecitos Mobile Home Park, Series 2013, 5.000%, 4/15/38			
3,285		4/23 at 100.00	A-	3,524,772
	La Verne, California, Mobile Home Park Revenue Bonds, Copacabana Mobile Home Park, Refunding Series 2014:			
670	5.000%, 6/15/44	6/24 at 100.00	A	734,889
185	5.000%, 6/15/49	6/24 at 100.00	A	195,129
5,750	Total Housing/Multifamily			6,221,381
	Long-Term Care – 0.5% (0.3% of Total Investments)			
	California Health Facilities Financing Authority, Insured Revenue Bonds, Community Program for Persons with Developmental Disabilities, Series 2011A, 6.250%, 2/01/26			
2,250		2/21 at 100.00	AA-	2,495,678
	California Health Facilities Financing Authority, Revenue Bonds, Northern California Presbyterian Homes & Services Inc., Refunding Series 2015, 5.000%, 7/01/39			
1,300		7/25 at 100.00	AA-	1,456,689
3,550	Total Long-Term Care			3,952,367
	Tax Obligation/General – 28.7% (18.0% of Total Investments)			
	Alhambra Unified School District, Los Angeles County, California, General Obligation Bonds, Refunding Series 2012A, 5.000%, 8/01/29 – AGM Insured			
3,000		8/22 at 100.00	Aa2	3,345,870
	California State, General Obligation Bonds, Refunding Series 2011, 5.250%, 9/01/25			
1,000		9/21 at 100.00	AA-	1,107,470
	California State, General Obligation Bonds, Refunding Various Purpose Series 2016, 5.000%, 8/01/33			
1,600		8/26 at 100.00	AA-	1,887,040
	California State, General Obligation Bonds, Various Purpose Series 2009:			
1,300	5.500%, 11/01/39	11/19 at 100.00	AA-	1,369,368
2,350	6.000%, 11/01/39	11/19 at 100.00	AA-	2,491,681
	California State, General Obligation Bonds, Various Purpose Series 2010, 6.000%, 3/01/33			
6,000		3/20 at 100.00	AA-	6,442,860
	California State, General Obligation Bonds, Various Purpose Series 2011:			

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2,000	5.000%, 9/01/31	9/21 at 100.00	AA-	2,188,680
4,090	5.000%, 9/01/41	9/21 at 100.00	AA-	4,456,996
2,625	5.000%, 10/01/41	10/21 at 100.00	AA-	2,866,395
California State, General Obligation Bonds, Various Purpose Series 2013:				
3,500	5.000%, 4/01/37	4/23 at 100.00	AA-	3,913,840
2,000	5.000%, 2/01/43	2/23 at 100.00	AA-	2,223,160
5,520	5.000%, 11/01/43	11/23 at 100.00	AA-	6,228,823
4				

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Tax Obligation/General (continued)			
	California State, General Obligation Bonds, Various Purpose Series 2014:			
\$ 2,460	5.000%, 10/01/39	10/24 at 100.00	AA-	\$2,816,110
9,000	5.000%, 12/01/43	12/23 at 100.00	AA-	10,172,520
9,000	5.000%, 10/01/44	10/24 at 100.00	AA-	10,274,490
	California State, General Obligation Bonds, Various Purpose Series 2015:			
8,000	5.000%, 3/01/45	3/25 at 100.00	AA-	9,084,640
2,000	5.000%, 8/01/45	8/25 at 100.00	AA-	2,286,340
7,995	California State, General Obligation Bonds, Various Purpose Series 2017, 5.000%, 8/01/46	8/26 at 100.00	AA-	9,257,011
5,390	California State, General Obligation Bonds, Various Purpose Series 2018, 5.000%, 10/01/47	4/26 at 100.00	AA-	6,205,615
20,750	Coachella Valley Unified School District, Riverside County, California, General Obligation Bonds, Election 2005 Series 2010C, 0.000%, 8/01/43 – AGM Insured	No Opt. Call	AA	7,548,642
3,065	Lucia Mar Unified School District, San Luis Obispo County, California, General Obligation Bonds, Election 2016 Series 2017A, 4.000%, 8/01/46	8/27 at 100.00	Aa2	3,223,369
4,500	Mount Diablo Unified School District, Contra Costa County, California, General Obligation Bonds, Series 2010A, 0.000%, 8/01/30 – AGM Insured (4)	8/25 at 100.00	AA	4,282,515
1,125	San Diego Unified School District, San Diego County, California, General Obligation Bonds, Election of 1998, Series 1999A, 0.000%, 7/01/21 – FGIC Insured	No Opt. Call	Aa2	1,057,894
11,980	San Diego Unified School District, San Diego County, California, General Obligation Bonds, Refunding Series 2012R-1, 0.000%, 7/01/31	No Opt. Call	Aa2	7,819,106
2,670	San Mateo Union High School District, San Mateo County, California, General Obligation Bonds, Capital Appreciation, Election 2010, Refunding Series 2011A, 0.000%, 9/01/33 (4)	No Opt. Call	Aaa	2,205,473
2,870	Sanger Unified School District, Fresno County, California, General Obligation Bonds, Election 2012, Series 2014B, 5.000%, 8/01/39 – AGM Insured	8/24 at 100.00	AA	3,207,569
10,000	Southwestern Community College District, San Diego County, California, General Obligation Bonds, Election of 2008, Series 2011C, 0.000%, 8/01/41	No Opt. Call	Aa2	4,119,100
	Stockton Unified School District, San Joaquin County, California, General Obligation Bonds, Election 2008 Series 2011D:			
23,280	0.000%, 8/01/47 – AGC Insured (4)	8/37 at 100.00	AA	21,252,079
38,845	0.000%, 8/01/50 – AGM Insured (4)	8/37 at 100.00	AA	35,687,290
15,780	Sylvan Union School District, Stanislaus County, California, General Obligation Bonds, Election of 2006, Series 2010, 0.000%, 8/01/49 – AGM Insured (4)	No Opt. Call	AA	12,020,573
5,000		8/24 at 100.00	Aa1	5,654,300

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	Walnut Valley Unified School District, Los Angeles County, California, General Obligation Bonds, Election 2007 Measure S, Series 2014C, 5.000%, 8/01/39			
3,905	West Kern Community College District, California, General Obligation Bonds, Election 2004, Series 2007C, 5.000%, 10/01/32 – SYNCORA GTY Insured	9/18 at 100.00	A+	3,924,525
8,345	Yosemite Community College District, California, General Obligation Bonds, Capital Appreciation, Election 2004, Series 2010D, 0.000%, 8/01/42 (4)	No Opt. Call	Aa2	5,974,269
4,000	Yosemite Community College District, California, General Obligation Bonds, Refunding Series 2015, 5.000%, 8/01/32	8/25 at 100.00	Aa2	4,671,560
234,945	Total Tax Obligation/General			211,267,173
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NKX Nuveen California AMT-Free Quality Municipal Income Fund (continued)
 Portfolio of Investments as of May 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Tax Obligation/Limited – 36.7% (23.0% of Total Investments)			
\$ 655	Beaumont Financing Authority, California, Local Agency Revenue Bonds, Improvement Area 19C, Series 2013A, 5.000%, 9/01/27	9/23 at 100.00	N/R	\$717,074
1,000	Bell Community Redevelopment Agency, California, Tax Allocation Bonds, Bell Project Area, Series 2003, 5.625%, 10/01/33 RAAI Insured	8/18 at 100.00	AA	1,003,160
7,895	Brea and Olinda Unified School District, Orange County, California, Certificates of Participation Refunding, Series 2002A, 5.125%, 8/01/26 – AGM Insured	8/18 at 100.00	AA	7,917,501
3,000	California Infrastructure and Economic Development Bank, Infrastructure State Revolving Fund Revenue Bonds, Series 2016A, 5.000%, 10/01/41	10/26 at 100.00	AAA	3,523,470
	California Infrastructure and Economic Development Bank, Revenue Bonds, North County Center for Self-Sufficiency Corporation, Series 2004:			
1,215	5.000%, 12/01/19 – AMBAC Insured	8/18 at 100.00	AA+	1,218,256
1,535	5.000%, 12/01/20 – AMBAC Insured	8/18 at 100.00	AA+	1,539,098
1,615	5.000%, 12/01/21 – AMBAC Insured	8/18 at 100.00	AA+	1,619,264
1,695	5.000%, 12/01/22 – AMBAC Insured	8/18 at 100.00	AA+	1,699,458
1,780	5.000%, 12/01/23 – AMBAC Insured	8/18 at 100.00	AA+	1,784,664
1,865	5.000%, 12/01/24 – AMBAC Insured	8/18 at 100.00	AA+	1,869,868
7,000	California State Public Works Board, Lease Revenue Bonds, Department of Corrections & Rehabilitation, Various Correctional Facilities Series 2013F, 5.250%, 9/01/31	9/23 at 100.00	A+	7,995,400
	California State Public Works Board, Lease Revenue Bonds, Department of Education, Riverside Campus Project, Series 2012H:			
2,790	5.000%, 4/01/30	4/22 at 100.00	A+	3,077,147
2,065	5.000%, 4/01/31	4/22 at 100.00	A+	2,275,940
2,560	California State Public Works Board, Lease Revenue Bonds, Department of Veterans Affairs, Southern California Veterans Home - Chula Vista Facility, Series 1999A, 5.600%, 11/01/19 – AMBAC Insured	11/18 at 100.00	A+	2,567,936
20,330	California State Public Works Board, Lease Revenue Bonds, Judicial Council of California, New Stockton Courthouse, Series 2014B, 5.000%, 10/01/39	10/24 at 100.00	A+	22,955,619
1,990	California State Public Works Board, Lease Revenue Bonds, Judicial Council of California, Various Projects Series 2013A, 5.000%, 3/01/33	3/23 at 100.00	A+	2,218,611
3,020	Chino Redevelopment Agency, California, Merged Chino Redevelopment Project Area Tax Allocation Bonds, Series 2006, 5.000%, 9/01/38 – AMBAC Insured	8/18 at 100.00	A	3,021,601
	Compton Community Redevelopment Agency, California, Tax Allocation Revenue Bonds, Redevelopment Projects, Second Lien Series 2010B:			

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1,230	5.000%, 8/01/25	8/20 at 100.00	N/R	1,287,035
530	5.750%, 8/01/26	8/20 at 100.00	N/R	561,699
	El Monte, California, Senior Lien Certificates of Participation, Department of Public Services Facility Phase II, Series 2001:			
4,520	5.000%, 1/01/21 – AMBAC Insured	7/18 at 100.00	Aa2	4,532,249
5,000	5.250%, 1/01/34 – AMBAC Insured	7/18 at 100.00	Aa2	5,013,550
	Fontana Redevelopment Agency, San Bernardino County, California, Tax Allocation Bonds, Jurupa Hills Redevelopment Project, Refunding Series 1997A, 5.500%, 10/01/27			
350		No Opt. Call	A	354,326
	Fullerton Community Facilities District 1, California, Special Tax Bonds, Amerige Heights, Refunding Series 2012, 5.000%, 9/01/32			
1,000		9/22 at 100.00	A-	1,091,140
6				

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Tax Obligation/Limited (continued)			
\$ 63,875	Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement Asset-Backed Revenue Bonds, Refunding Series 2015A, 5.000%, 6/01/45	6/25 at 100.00	A+	\$71,964,130
1,000	Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement Asset-Backed Revenue Bonds, Series 2013A, 5.000%, 6/01/30	6/23 at 100.00	A+	1,119,620
7,610	Government of Guam, Business Privilege Tax Bonds, Refunding Series 2015D: 5.000%, 11/15/30	11/25 at 100.00	A	8,207,613
4,000	5.000%, 11/15/34	11/25 at 100.00	A	4,255,320
425	Hesperia Community Redevelopment Agency, California, Tax Allocation Bonds, Series 2005A, 5.000%, 9/01/35 – SYNCORA GTY Insured	8/18 at 100.00	BBB	425,068
3,345	Hesperia Public Financing Authority, California, Redevelopment and Housing Projects Tax Allocation Bonds, Series 2007A, 5.000%, 9/01/37 – SYNCORA GTY Insured	8/18 at 100.00	N/R	3,348,245
1,750	Inglewood Redevelopment Agency, California, Tax Allocation Bonds, Merged Redevelopment Project, Refunding Series 1998A, 5.250%, 5/01/23 – AMBAC Insured	No Opt. Call	N/R	1,867,425
1,140	Lake Elsinore Public Financing Authority, California, Local Agency Revenue Bonds, Canyon Hills Improvement Area D, Series 2014A: 5.500%, 9/01/33	9/23 at 100.00	N/R	1,224,520
2,105	5.750%, 9/01/44	9/23 at 100.00	N/R	2,286,830
1,375	Lake Elsinore Public Financing Authority, California, Local Agency Revenue Bonds, Refunding Series 2015, 5.000%, 9/01/40	9/25 at 100.00	N/R	1,508,623
2,000	Lammersville Joint Unified School District, California, Special Tax Bonds, Community Facilities District 2007-1 Mountain House - Shea Homes Improvement Area 1, Series 2013, 6.000%, 9/01/38	9/23 at 100.00	N/R	2,292,040
1,000	Lathrop, California, Limited Obligation Improvement Bonds, Crossroads Assessment District, Series 2015, 5.000%, 9/02/40	9/25 at 100.00	N/R	1,089,860
6,190	Los Angeles Community Redevelopment Agency, California, Lease Revenue Bonds, Vermont Manchester Social Services Project, Series 2005, 5.000%, 9/01/37 – AMBAC Insured	8/18 at 100.00	Aa2	6,204,918
15,000	Los Angeles County Metropolitan Transportation Authority, California, Proposition A First Tier Senior Sales Tax Revenue Bonds, Green Series 2017A, 5.000%, 7/01/42	7/27 at 100.00	AAA	17,667,600
3,220	Los Angeles County Metropolitan Transportation Authority, California, Proposition C Sales Tax Revenue Bonds, Senior Lien Series 2017A, 5.000%, 7/01/42	7/27 at 100.00	AA+	3,761,668
1,500	Los Osos, California, Improvement Bonds, Community Services Wastewater Assessment District 1, Series 2002, 5.000%, 9/02/33 NPFQ Insured	9/18 at 100.00	BBB+	1,510,410
475	Lynwood Redevelopment Agency, California, Project A Revenue Bonds, Subordinate Lien Series 2011A, 7.250%, 9/01/38	9/21 at 100.00	A-	551,252

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65	Novato Redevelopment Agency, California, Tax Allocation Bonds, Hamilton Field Redevelopment Project, Series 2011, 6.750%, 9/01/40	9/21 at 100.00	A-	73,288
575	Patterson Public Finance Authority, California, Revenue Bonds, Community Facilities District 2001-1, Subordinate Lien Series 2013B, 5.875%, 9/01/39	9/23 at 100.00	N/R	639,555
3,780	Patterson Public Financing Authority, California, Revenue Bonds, Community Facilities District 2001-1, Senior Series 2013A: 5.250%, 9/01/30	9/23 at 100.00	N/R	4,160,608
3,390	5.750%, 9/01/39	9/23 at 100.00	N/R	3,750,493
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NKX Nuveen California AMT-Free Quality Municipal Income Fund (continued)
 Portfolio of Investments as of May 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Tax Obligation/Limited (continued)			
\$ 1,975	Perris Joint Powers Authority, California, Local Agency Revenue Bonds, Community Facilities District 2001-1 May Farms Improvement Area 1,2 and 3, Refunding Series 2014A, 5.375%, 9/01/33	9/23 at 100.00	N/R	\$2,176,667
5,000	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, Series 2007A: 0.000%, 8/01/44 – NPMFG Insured	No Opt. Call	Baa2	1,121,800
7,200	0.000%, 8/01/45 – NPMFG Insured	No Opt. Call	Baa2	1,529,568
1,115	Rio Elementary School District, California, Special Tax Bonds, Community Facilities District 1, Series 2013, 5.500%, 9/01/39	9/23 at 100.00	N/R	1,254,397
40	Riverside County Redevelopment Agency, California, Tax Allocation Bonds, Jurupa Valley Project Area, Series 2011B, 6.500%, 10/01/25	10/21 at 100.00	A	45,553
660	Riverside County, California, Special Tax Bonds, Community Facilities District 05-8 Scott Road, Series 2013: 5.000%, 9/01/32	9/22 at 100.00	N/R	703,230
1,775	5.000%, 9/01/42	9/22 at 100.00	N/R	1,876,139
400	Roseville, California, Special Tax Bonds, Community Facilities District 1 Westpark, Refunding Series 2015, 5.000%, 9/01/33	9/25 at 100.00	N/R	446,464
3,695	Sacramento Area Flood Control Agency, California, Consolidated Capital Assessment District 2 Bonds, Series 2016A: 5.000%, 10/01/36	10/26 at 100.00	AA	4,294,772
6,000	5.000%, 10/01/41	10/26 at 100.00	AA	6,940,200
805	Sacramento City Financing Authority, California, Lease Revenue Refunding Bonds, Series 1993A, 5.400%, 11/01/20 – NPMFG Insured	No Opt. Call	Aa3	843,415
1,620	Sacramento City Financing Authority, California, Lease Revenue Refunding Bonds, Series 1993B, 5.400%, 11/01/20	No Opt. Call	Aa3	1,697,306
940	San Bernardino Joint Powers Financing Authority, California, Certificates of Participation Refunding, Police Station Financing Project, Series 1999, 5.500%, 9/01/20 – NPMFG Insured	8/18 at 100.00	Baa2	942,745
215	San Clemente, California, Special Tax Revenue Bonds, Community Facilities District 2006-1 Marblehead Coastal, Series 2015, 5.000%, 9/01/40	9/25 at 100.00	N/R	234,885
1,000	San Diego County Regional Transportation Commission, California, Sales Tax Revenue Bonds, Refunding Series 2012A, 5.000%, 4/01/42	4/22 at 100.00	AAA	1,097,520
1,480	San Diego Redevelopment Agency, California, Subordinate Lien Tax Increment and Parking Revenue Bonds, Centre City Project, Series 2003B, 5.250%, 9/01/26	8/18 at 100.00	AAA	1,484,233
690	San Francisco City and County Redevelopment Agency Successor Agency, California, Special Tax Bonds, Community Facilities	8/24 at 100.00	N/R	751,244

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	District 7, Hunters Point Shipyard Phase One Improvements, Refunding Series 2014, 5.000%, 8/01/39 San Francisco City and County Redevelopment Financing Authority, California, Tax Allocation Revenue Bonds, San Francisco Redevelopment Projects, Series 1998D, 0.000%, 8/01/24	No Opt. Call	A	2,284,767
2,700	NPFG Insured			
	San Francisco City and County, California, Certificates of Participation, Multiple Capital Improvement Projects, Series 2009A, 4/19 at 100.00 5.200%, 4/01/26		Aa1	2,057,720
2,000				
	San Francisco, California, Community Facilities District 6, Mission Bay South Public Improvements, Special Tax Refunding Bonds, Series 2013A, 5.000%, 8/01/33	8/22 at 100.00	N/R	411,810
380				
	San Jacinto Unified School District, Riverside County, California, Certificates of Participation, Series 2010, 5.375%, 9/01/40	AGC 9/20 at 100.00	AA	5,479,909
5,150	Insured			

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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Tax Obligation/Limited (continued)			
\$ 1,000	San Marcos Public Facilities Authority, California, Special Tax Revenue Bonds, Refunding Series 2012D, 5.000%, 9/01/36	9/22 at 100.00	N/R	\$1,069,180
50	Signal Hill Redevelopment Agency, California, Project 1 Tax Allocation Bonds, Series 2011, 7.000%, 10/01/26	4/21 at 100.00	N/R	56,113
2,170	Temecula Public Financing Authority, California, Special Tax Bonds, Community Facilities District 16-01, Series 2017: 6.125%, 9/01/37, 144A	9/27 at 100.00	N/R	2,210,340
1,000	6.250%, 9/01/47, 144A	9/27 at 100.00	N/R	1,018,840
4,500	Virgin Islands Public Finance Authority, Gross Receipts Taxes Loan Note, Refunding Series 2012A, 5.000%, 10/01/32 – AGM10/22 at 100.00 AA Insured			4,867,920
350	West Patterson Financing Authority, California, Special Tax Bonds, Community Facilities District 2015-1 Arambel-KDN, Refunding Series 2015: 5.250%, 9/01/35	9/25 at 100.00	N/R	366,044
790	5.250%, 9/01/45	9/25 at 100.00	N/R	815,375
4,220	West Sacramento Financing Authority, California, Special Tax Revenue Bonds, Series 2014, 5.500%, 9/01/31	9/22 at 102.00	N/R	4,711,419
257,380	Total Tax Obligation/Limited Transportation – 8.0% (5.0% of Total Investments)			270,542,727
9,005	Alameda Corridor Transportation Authority, California, Revenue Bonds, Refunding Second Subordinate Lien Series 2016B, 5.000%, 10/01/36	10/26 at 100.00	BBB+	10,083,169
6,750	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Refunding Junior Lien Series 2013C, 6.500%, 1/15/43	1/24 at 100.00	Baa3	7,920,113
14,885	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Refunding Series 2013A: 5.750%, 1/15/46	1/24 at 100.00	BBB-	16,976,640
14,885	6.000%, 1/15/53	1/24 at 100.00	BBB-	17,317,804
150	Los Angeles Department of Airports, California, Revenue Bonds, Los Angeles International Airport, Senior Lien Series 2015E: 5.000%, 5/15/31	5/25 at 100.00	AA	172,539
1,270	5.000%, 5/15/34	5/25 at 100.00	AA	1,449,565
1,345	5.000%, 5/15/36	5/25 at 100.00	AA	1,529,709
3,500	Stockton Public Financing Authority, California, Lease Revenue Bonds, Parking & Capital Projects, Series 2004, 5.250%, 9/01/34 – FGIC Insured	8/18 at 100.00	Baa2	3,500,630
51,790	Total Transportation U.S. Guaranteed – 22.4% (14.0% of Total Investments) (5)			58,950,169
3,000	ABAG Finance Authority for Non-Profit Corporations, California, Cal-Mortgage Insured Revenue Bonds, Channing House, Series 2010, 6.125%, 5/15/40 (Pre-refunded 5/15/20)	5/20 at 100.00	AA-	3,262,230
3,225	Antelope Valley Healthcare District, California, Revenue Bonds, Series 2011A, 6.875%, 3/01/26 (Pre-refunded 3/01/21)	3/21 at 100.00	N/R	3,567,302
13,200		5/19 at 100.00	AA	13,640,880

Atwater Public Financing Authority, California, Wastewater
Revenue Bonds, Series 2010, 5.125%, 5/01/40 (Pre-refunded
5/01/19) – AGM Insured

NKX Nuveen California AMT-Free Quality Municipal Income Fund (continued)
 Portfolio of Investments as of May 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	U.S. Guaranteed (5) (continued)			
\$ 1,115	Bay Area Toll Authority, California, Revenue Bonds, San Francisco Bay Area Toll Bridge, Series 2013S-4, 5.250%, 4/01/48 (Pre-refunded 4/01/23)	4/23 at 100.00	AA-	\$1,294,225
1,630	California Health Facilities Financing Authority, Revenue Bonds, Childrens Hospital Los Angeles, Series 2010A, 5.250%, 7/01/38 (Pre-refunded 7/01/20) – AGC Insured	7/20 at 100.00	AA	1,748,843
3,000	California Infrastructure and Economic Development Bank, First Lien Revenue Bonds, San Francisco Bay Area Toll Bridge, Series 2003A: 5.000%, 7/01/22 – AGM Insured (ETM)	No Opt. Call	Aaa	3,386,880
2,250	5.000%, 7/01/36 (Pre-refunded 1/01/28) – AMBAC Insured	1/28 at 100.00	Aaa	2,769,390
470	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00	BBB	511,214
2,000	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Windsor Mobile Country Club Series 2013A: 5.625%, 11/15/33 (Pre-refunded 11/15/23)	11/23 at 100.00	N/R	2,378,080
8,000	6.000%, 11/15/48 (Pre-refunded 11/15/23)	11/23 at 100.00	N/R	9,666,560
750	California Municipal Finance Authority, Revenue Bonds, Eisenhower Medical Center, Series 2010A, 5.750%, 7/01/40 (Pre-refunded 7/01/20)	7/20 at 100.00	Baa2	811,500
5,000	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2009G-1, 5.750%, 10/01/30 (Pre-refunded 10/01/19)	10/19 at 100.00	Aaa	5,279,000
2,000	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2009-I, 6.375%, 11/01/34 (Pre-refunded 11/01/19)	11/19 at 100.00	Aaa	2,135,620
4,920	California Statewide Communities Development Authority, Revenue Bonds, Saint Joseph Health System, Tender Option Bond Trust 2016-XG0041, 15.682%, 7/01/47 (Pre-refunded 7/01/18) – AGM Insured, 144A (IF)	7/18 at 100.00	AA	4,979,124
2,680	California Statewide Community Development Authority, Revenue Bonds, Methodist Hospital Project, Series 2009, 6.750%, 2/01/38 (Pre-refunded 8/01/19)	8/19 at 100.00	N/R	2,839,299
12,050	Coast Community College District, Orange County, California, General Obligation Bonds, Series 2006C, 5.000%, 8/01/31 (Pre-refunded 8/01/18) – AGM Insured	8/18 at 100.00	AA+	12,121,336
2,500	Corona-Norco Unified School District, Riverside County, California, General Obligation Bonds, Election 2006 Series 2009B, 5.375%, 2/01/34 (Pre-refunded 8/01/18) – AGC Insured	8/18 at 100.00	AA	2,516,275
3,490	East Side Union High School District, Santa Clara County, California, General Obligation Bonds, 2008 Election Series 2010B: 5.000%, 8/01/27 (Pre-refunded 8/01/19) – AGC Insured	8/19 at 100.00	AA	3,629,670

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3,545	5.000%, 8/01/28 (Pre-refunded 8/01/19) – AGC Insured	8/19 at 100.00	AA	3,686,871
3,110	5.000%, 8/01/29 (Pre-refunded 8/01/19) – AGC Insured	8/19 at 100.00	AA	3,234,462
7,100	Fontana Unified School District, San Bernardino County, California, General Obligation Bonds, Tender Option Bond Trust 2015-XF0111, 8.644%, 8/01/28 (Pre-refunded 8/01/18) – AGM Insured, 144A (IF)	8/18 at 100.00	AA	7,189,744
14,710	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1, 5.750%, 6/01/47 (Pre-refunded 7/05/18)	7/18 at 100.00	B3	14,783,550
6,000	Huntington Park Redevelopment Agency, California, Single Family Residential Mortgage Revenue Refunding Bonds, Series 1986A, 8.000%, 12/01/19 (ETM)	No Opt. Call	Aaa	6,560,040

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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	U.S. Guaranteed (5) (continued)			
	Irvine Unified School District Financing Authority, Orange County, California, Special Tax Bonds, Group II, Series 2006A:			
\$ 45	5.000%, 9/01/26 (Pre-refunded 9/01/18)	9/18 at 100.00	N/R	\$45,392
105	5.125%, 9/01/36 (Pre-refunded 9/01/18)	9/18 at 100.00	N/R	105,945
170	National City Community Development Commission, California, Tax Allocation Bonds, National City Redevelopment Project, Series 2011, 6.500%, 8/01/24 (Pre-refunded 8/01/21)	8/21 at 100.00	A	194,665
2,810	Oakland Joint Powers Financing Authority, California, Lease Revenue Bonds, Administration Building Projects, Series 2008B, 5.000%, 8/01/21 (Pre-refunded 8/01/18) – AGC Insured	8/18 at 100.00	AA	2,826,410
9,250	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2009:			
	6.625%, 11/01/29 (Pre-refunded 11/01/19)	11/19 at 100.00	N/R	9,895,927
7,500	6.750%, 11/01/39 (Pre-refunded 11/01/19)	11/19 at 100.00	N/R	8,036,700
	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010:			
1,500	6.000%, 11/01/30 (Pre-refunded 11/01/20)	11/20 at 100.00	BBB-	1,654,920
2,595	6.000%, 11/01/41 (Pre-refunded 11/01/20)	11/20 at 100.00	BBB-	2,863,012
540	Pittsburg Redevelopment Agency, California, Tax Allocation Bonds, Los Medanos Community Development Project, Refunding Series 2008A, 6.500%, 9/01/28 (Pre-refunded 9/01/18)	9/18 at 100.00	N/R	546,577
210	Rancho Santa Fe CSD Financing Authority, California, Revenue Bonds, Superior Lien Series 2011A, 5.750%, 9/01/30 (Pre-refunded 9/01/21)	9/21 at 100.00	A-	236,284
30	San Francisco Redevelopment Finance Authority, California, Tax Allocation Revenue Bonds, Mission Bay North Redevelopment Project, Series 2011C, 6.750%, 8/01/41 (Pre-refunded 2/01/21)	2/21 at 100.00	A-	33,929
	San Francisco Redevelopment Financing Authority, California, Tax Allocation Revenue Bonds, Mission Bay South Redevelopment Project, Series 2011D:			
30	7.000%, 8/01/33 (Pre-refunded 2/01/21)	2/21 at 100.00	BBB+	34,123
40	7.000%, 8/01/41 (Pre-refunded 2/01/21)	2/21 at 100.00	BBB+	45,497
1,500	San Juan Capistrano, California, General Obligation Bonds, Open Space Program, Tender Option Bond Trust 2015-XF0048, 14.280%, 8/01/40 (Pre-refunded 8/01/19), 144A (IF)	8/19 at 100.00	AAA	1,743,675
	San Ysidro School District, San Diego County, California, General Obligation Bonds, 1997 Election Series 2011F:			
7,230	0.000%, 8/01/42 (Pre-refunded 8/01/21) – AGM Insured	8/21 at 21.00	AA	1,426,479
10,450	0.000%, 8/01/43 (Pre-refunded 8/01/21) – AGM Insured	8/21 at 19.43	AA	1,908,275
21,225	0.000%, 8/01/44 (Pre-refunded 8/01/21) – AGM Insured	8/21 at 17.98	AA	3,586,601
12,550	0.000%, 8/01/45 (Pre-refunded 8/01/21) – AGM Insured	8/21 at 16.64	AA	1,962,067
23,425	0.000%, 8/01/46 (Pre-refunded 8/01/21) – AGM Insured	8/21 at 15.39	AA	3,387,489
	Tustin Community Redevelopment Agency, California, Tax Allocation Housing Bonds Series 2010:			
1,205	5.000%, 9/01/30 (Pre-refunded 9/01/20) – AGM Insured	9/20 at 100.00	AA	1,293,724
3,250	5.250%, 9/01/39 (Pre-refunded 9/01/20) – AGM Insured	9/20 at 100.00	AA	3,507,108

NKX Nuveen California AMT-Free Quality Municipal Income Fund (continued)
 Portfolio of Investments as of May 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	U.S. Guaranteed (5) (continued)			
\$ 6,000	Westminster Redevelopment Agency, California, Tax Allocation Bonds, Commercial Redevelopment Project 1, Police Facility Subordinate Series 2009, 6.250%, 11/01/39 (Pre-refunded 11/01/19)	11/19 at 100.00	N/R	\$6,379,080
95	Yorba Linda Redevelopment Agency, Orange County, California, Tax Allocation Revenue Bonds, Yorba Linda Redevelopment Project, Subordinate Lien Series 2011A, 6.000%, 9/01/26 (Pre-refunded 9/01/21)	9/21 at 100.00	N/R	107,635
1,000	Yuba Community College District, California, General Obligation Bonds, Election 2006 Series 2011C, 5.250%, 8/01/47 (Pre-refunded 8/01/21)	8/21 at 100.00	Aa2	1,110,000
218,500	Total U.S. Guaranteed Utilities – 8.2% (5.1% of Total Investments)			164,923,609
	Long Beach Bond Finance Authority, California, Natural Gas Purchase Revenue Bonds, Series 2007A:			
2,490	5.000%, 11/15/35	No Opt. Call	A	3,007,347
1,835	5.500%, 11/15/37	No Opt. Call	A	2,349,516
10,000	Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2012B, 5.000%, 7/01/43	7/22 at 100.00	AA	10,966,700
4,280	Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2013B, 5.000%, 7/01/28	7/23 at 100.00	AA	4,927,906
5,000	Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2016A, 5.000%, 7/01/46	1/26 at 100.00	AA	5,735,000
	Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2017C:			
5,000	5.000%, 7/01/42	7/27 at 100.00	AA	5,889,200
15,000	5.000%, 7/01/47	7/27 at 100.00	AA	17,562,600
3,750	Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Tender Option Bond Trust 2015-XF2047, 14.610%, 7/01/43, 144A (IF) (6)	7/22 at 100.00	AA	5,200,125
1,000	Southern California Public Power Authority, California, Milford Wind Corridor Phase I Revenue Bonds, Series 2010-1, 5.000%, 7/01/28	1/20 at 100.00	AA-	1,049,620
2,975	Southern California Public Power Authority, California, Revenue Bonds, Apex Power Project Series 2014A, 5.000%, 7/01/37	7/24 at 100.00	AA	3,364,844
51,330	Total Utilities Water and Sewer – 23.0% (14.5% of Total Investments)			60,052,858
11,600	Bay Area Water Supply and Conservation Agency, California, Revenue Bonds, Capital Cost Recovery Prepayment Program, Series 2013A, 5.000%, 10/01/34	4/23 at 100.00	AA-	13,050,464
5,850	California Infrastructure and Economic Development Bank. Clean Water State Revolving Fund Revenue Bonds, Green Series 2018, 5.000%, 10/01/43	4/28 at 100.00	AAA	6,992,973

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	California Pollution Control Financing Authority, Water Furnishing Revenue Bonds, San Diego County Water Authority Desalination Project Pipeline, Series 2012:			
7,910	5.000%, 7/01/37, 144A	8/18 at 100.00	Baa3	7,962,364
12,045	5.000%, 11/21/45, 144A	8/18 at 100.00	Baa3	12,253,017
3,000	Escondido Joint Powers Financing Authority, California, Revenue Bonds, Water System Financing, Series 2012, 5.000%, 9/01/41	3/22 at 100.00	AA-	3,244,980
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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Water and Sewer (continued)			
	Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Refunding Series 2016B:			
\$ 1,000	5.000%, 7/01/32	1/26 at 100.00	AA+	\$1,179,090
3,775	5.000%, 7/01/35	1/26 at 100.00	AA+	4,411,201
16,000	Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Series 2012A, 5.000%, 7/01/43	7/22 at 100.00	AA+	17,546,720
10,515	Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Series 2014A, 5.000%, 7/01/44	7/24 at 100.00	AA+	11,886,577
	Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Series 2016A:			
5,680	5.000%, 7/01/35	1/26 at 100.00	AA+	6,637,250
1,000	5.000%, 7/01/36	1/26 at 100.00	AA+	1,164,780
	Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Series 2017A:			
2,705	5.000%, 7/01/41	1/27 at 100.00	AA+	3,164,796
11,400	5.000%, 7/01/44	1/27 at 100.00	AA+	13,290,462
5,000	5.250%, 7/01/44	1/27 at 100.00	AA+	5,932,200
2,210	Los Angeles, California, Wastewater System Revenue Bonds, Green Subordinate Lien Series 2017A, 5.250%, 6/01/47	6/27 at 100.00	AA	2,639,712
9,500	Los Angeles, California, Wastewater System Revenue Bonds, Refunding Green Series 2015A, 5.000%, 6/01/44	6/25 at 100.00	AA+	10,767,205
	Los Angeles, California, Wastewater System Revenue Bonds, Refunding Subordinate Lien Series 2013A:			
2,000	5.000%, 6/01/34	6/23 at 100.00	AA	2,257,300
3,500	5.000%, 6/01/35	6/23 at 100.00	AA	3,943,240
670	Metropolitan Water District of Southern California, Waterworks Revenue Bonds, Tender Option Bond Trust 2016-XL0015, 14.700%, 7/01/35, 144A (IF) (6)	7/19 at 100.00	AAA	764,363
1,500	Placerville Public Financing Authority, California, Wastewater System Refinancing and Improvement Project Revenue Bonds, Series 2006, 5.000%, 9/01/34 – SYNCORA GTY Insured	8/18 at 100.00	N/R	1,500,780
2,500	Sacramento County Sanitation Districts Financing Authority, California, Revenue Bonds, Sacramento Regional County Sanitation District, Series 2014A, 5.000%, 12/01/33	6/24 at 100.00	AA	2,872,775
4,000	San Diego Public Facilities Financing Authority, California, Water Utility Revenue Bonds, Refunding Subordinate Lien Series 2016B, 5.000%, 8/01/37	8/26 at 100.00	Aa3	4,669,480
26,220	San Francisco City and County Public Utilities Commission, California, Water Revenue Bonds, Series 2017D, 5.000%, 11/01/33 (UB) (6)	11/27 at 100.00	AA-	31,660,388
149,580	Total Water and Sewer			169,792,117
\$ 1,185,400	Total Long-Term Investments (cost \$1,070,434,285)			1,175,134,824
	Floating Rate Obligations – (2.8)%			(20,975,000)
	MuniFund Preferred Shares, net of deferred offering costs – (19.0)% (7)			(139,981,154)
				(290,279,449)

Variable Rate Demand Preferred Shares, net of deferred offering costs – (39.4)% (8)	
Other Assets Less Liabilities – 1.7%	12,833,953
Net Asset Applicable to Common Shares – 100%	\$ 736,733,174

NKX Nuveen California AMT-Free Quality Municipal Income Fund (continued)

Portfolio of Investments as of May 31, 2018

(Unaudited)

Fair Value Measurements

Fair value is defined as the price that would be received upon selling an investment or transferring a liability in an orderly transaction to an independent buyer in the principal or most advantageous market for the investment. A three-tier hierarchy is used to maximize the use of observable market data and minimize the use of unobservable inputs and to establish classification of fair value measurements for disclosure purposes. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability. Observable inputs are based on market data obtained from sources independent of the reporting entity. Unobservable inputs reflect the reporting entity's own assumptions about the assumptions market participants would use in pricing the asset or liability. Unobservable inputs are based on the best information available in the circumstances. The following is a summary of the three-tiered hierarchy of valuation input levels.

Level 1 – Inputs are unadjusted and prices are determined using quoted prices in active markets for identical securities.

Level 2 – Prices are determined using other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3 – Prices are determined using significant unobservable inputs (including management's assumptions in determining the fair value of investments).

The inputs or methodologies used for valuing securities are not an indication of the risks associated with investing in those securities. The following is a summary of the Fund's fair value measurements as of the end of the reporting period:

	Level 1	Level 2	Level 3	Total
Long-Term Investments:				
Municipal Bonds	\$ —	\$1,175,134,824	\$ —	\$1,175,134,824

Income Tax Information

The following information is presented on an income tax basis. Differences between amounts for financial statement and federal income tax purposes are primarily due to timing differences in recognizing taxable market discount, timing differences in recognizing certain gains and losses on investment transactions and the treatment of investments in inverse floating rate securities reflected as financing transactions, if any. To the extent that differences arise that are permanent in nature, such amounts are reclassified within the capital accounts on the Statement of Assets and Liabilities presented in the annual report, based on their federal tax basis treatment; temporary differences do not require reclassification. Temporary and permanent differences do not impact the net asset value of the Fund.

The table below presents the cost and unrealized appreciation (depreciation) of the Fund's investment portfolio, as determined on a federal income tax basis, as of May 31, 2018.

Tax cost of investments	\$1,048,558,372
Gross unrealized:	
Appreciation	\$ 105,618,284
Depreciation	(16,949)
Net unrealized appreciation (depreciation) of investments	\$ 105,601,335

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There
- (2) may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
For financial reporting purposes, the ratings disclosed are the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. This treatment of split-rated
- (3) securities may differ from that used for other purposes, such as for Fund investment policies. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
- (4) Step-up coupon bond, a bond with a coupon that increases ("steps up"), usually at regular intervals, while the bond is outstanding. The rate shown is the coupon as of the end of the reporting period.
- (5) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest.
- (6) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- (7) MuniFund Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 11.9%
- (8) Variable Rate Demand Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 24.7%.
- Investment is exempt from registration under Rule 144A of the Securities Act of 1933, as amended. These 144A investments may only be resold in transactions exempt from registration, which are normally those transactions with qualified institutional buyers.
- ETM Escrowed to maturity.
- IF Inverse floating rate security issued by a tender option bond ("TOB") trust, the interest rate on which varies inversely with the Securities Industry Financial Markets Association (SIFMA) short-term rate, which resets weekly, or a similar short-term rate, and is reduced by the expenses related to the TOB trust.
- UB Underlying bond of an inverse floating rate trust reflected as a financing transaction.
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Item 2. Controls and Procedures.

- 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") (17 CFR 270.30a-3(c))) are effective, as of a date within 90 days of the filing date of this report that includes the disclosure required by this paragraph, based on their evaluation of the controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rule 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934 (17 CFR 240.13a-15(b) or 240.15d-15(b)).
- 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 (17 CFR 270.30a-3(d))) 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.

File as exhibits as part of this Form a separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the 1940 Act (17 CFR 270.30a-2(a)), exactly as set forth below: See EX-99 CERT attached hereto.

SIGNATURES

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.

(Registrant) Nuveen California AMT-Free Quality Municipal Income Fund

By (Signature and Title) /s/ Gifford R. Zimmerman

Gifford R. Zimmerman
Vice President and Secretary

Date: July 30, 2018

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 (Signature and Title) /s/ Cedric H. Antosiewicz

Cedric H. Antosiewicz
Chief Administrative Officer (principal executive officer)

Date: July 30, 2018

By (Signature and Title) /s/ Stephen D. Foy

Stephen D. Foy
Vice President and Controller (principal financial officer)

Date: July 30, 2018