

NUVEEN CALIFORNIA MUNICIPAL VALUE FUND INC
Form N-Q
January 27, 2017

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 811-05235

Nuveen California Municipal Value Fund, Inc.
(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: 2/28

Date of reporting period: 11/30/16

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

Portfolio of Investments

Nuveen California Municipal Value Fund, Inc. (NCA)
November 30, 2016 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 97.7% (100.0% of Total Investments)			
	MUNICIPAL BONDS – 97.7% (100.0% of Total Investments)			
	Consumer Staples – 6.0% (6.2% of Total Investments)			
\$ 3,000	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Gold Country Settlement Funding Corporation, Refunding Series 2006, 5.250%, 6/01/46	2/17 at 100.00	CCC	\$ 2,796,150
2,000	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Los Angeles County Securitization Corporation, Series 2006A, 5.650%, 6/01/41	12/18 at 100.00	B2	2,033,040
170	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Sonoma County Tobacco Securitization Corporation, Series 2005, 4.250%, 6/01/21	2/17 at 100.00	BBB+	169,738
	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1:			
4,850	5.000%, 6/01/33	6/17 at 100.00	B–	4,399,726
175	5.125%, 6/01/47	6/17 at 100.00	B–	150,238
3,570	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-2, 5.300%, 6/01/37	6/22 at 100.00	B–	3,298,394
3,895	Silicon Valley Tobacco Securitization Authority, California, Tobacco Settlement Asset-Backed Bonds, Santa Clara County Tobacco Securitization Corporation, Series 2007A, 0.000%, 6/01/41	6/17 at 26.07	N/R	807,667
3,500	Tobacco Securitization Authority of Northern California, Tobacco Settlement Asset-Backed Bonds, Series 2005A-1, 5.500%, 6/01/45	2/17 at 100.00	B–	3,271,905
21,160	Total Consumer Staples			16,926,858

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Education and Civic Organizations – 1.2% (1.2% of Total Investments)

1,000	California Educational Facilities Authority, Revenue Bonds, Stanford University, Refunding Series 2014U-6, 5.000%, 5/01/45	No Opt. Call	AAA	1,231,420
450	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	506,898
690	California State University, Systemwide Revenue Bonds, Series 2016A, 4.000%, 11/01/38	5/26 at 100.00	Aa2	691,594
700	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-	788,550
2,840	Total Education and Civic Organizations			3,218,462
Health Care – 10.3% (10.5% of Total Investments)				
285	California Health Facilities Financing Authority, California, Revenue Bonds, Sutter Health, Refunding Series 2015A, 5.000%, 8/15/43	8/25 at 100.00	AA-	308,601
4,220	California Health Facilities Financing Authority, California, Revenue Bonds, Sutter Health, Refunding Series 2016B, 5.000%, 11/15/46	11/26 at 100.00	AA-	4,578,194
555	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	597,957
350	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Refunding Series 2014A, 5.000%, 10/01/38	10/24 at 100.00	AA-	389,242
690	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2014B, 5.000%, 10/01/44	10/24 at 100.00	AA-	741,750
560	California Health Facilities Financing Authority, Revenue Bonds, Rady Children's Hospital – San Diego, Series 2011: 5.000%, 8/15/31	8/21 at 100.00	Aa3	614,488
670	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2011B, 6.000%, 8/15/42	8/21 at 100.00	Aa3	722,568
1,000	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2011B, 6.000%, 8/15/42	8/20 at 100.00	AA-	1,130,760
2,270	California Municipal Financing Authority, Certificates of Participation, Community Hospitals of Central California, Series 2007, 5.250%, 2/01/27	2/17 at 100.00	A-	2,280,646
2,390	California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2016A, 5.000%, 12/01/46	6/26 at 100.00	BB	2,375,278
2,625	California Statewide Communities Development Authority, Revenue Bonds, Kaiser Permanente, Series 2012A, 5.000%, 4/01/42	4/22 at 100.00	AA-	2,871,146
3,000			AA	3,053,730

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	California Statewide Community Development Authority, Health 7/17 at Facility Revenue Bonds, Catholic	100.00		
	Healthcare West, Insured Series 2008K, 5.500%, 7/01/41 – AGC Insured			
1,000	California Statewide Community Development Authority, Health 7/18 at Facility Revenue Bonds, Catholic	100.00	A	1,046,360
	Healthcare West, Series 2008C, 5.625%, 7/01/35			
2,710	California Statewide Community Development Authority, Revenue Bonds, Sherman Oaks Health System, Series 1998A, 5.000%, 8/01/22 – AMBAC Insured	No Opt. Call	AA–	2,998,154
2,900	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010, 6.000%, 11/01/41	11/20 at 100.00	BBB–	3,166,394
1,750	San Buenaventura, California, Revenue Bonds, Community Memorial Health System, Series 2011, 7.500%, 12/01/41	12/21 at 100.00	BB+	2,035,565
26,975	Total Health Care Housing/Multifamily – 2.1% (2.1% of Total Investments)			28,910,833
1,000	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45	8/20 at 100.00	BBB	1,100,520
1,060	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2012A, 5.500%, 8/15/47	8/22 at 100.00	BBB	1,154,679
	California Municipal Finance Authority, Mobile Home Park Senior Revenue Bonds, Caritas Affordable Housing, Inc. Projects, Series 2014A:			
65	5.250%, 8/15/39	8/24 at 100.00	BBB	72,206
175	5.250%, 8/15/49	8/24 at 100.00	BBB	193,037
2,235	California Statewide Community Development Authority, Multifamily Housing Revenue Bonds, Harbor City Lights, Series 1999Y, 6.650%, 7/01/39 (Alternative Minimum Tax)	1/17 at 100.00	N/R	2,236,632
1,045	San Dimas Housing Authority, California, Mobile Home Park Revenue Bonds, Charter Oak Mobile Home Estates Acquisition Project, Series 1998A, 5.700%, 7/01/28	1/17 at 100.00	N/R	1,046,233
5,580	Total Housing/Multifamily Long-Term Care – 1.6% (1.6% of Total Investments)			5,803,307
4,000	ABAG Finance Authority for Non-Profit Corporations, California, Health Facility Revenue Bonds, The Institute on Aging, Series 2008A, 5.650%, 8/15/38	8/18 at 100.00	AA–	4,235,400
180	California Statewide Community Development Authority, Certificates of Participation, Internext Group, Series 1999, 5.375%, 4/01/17	10/16 at 100.00	BBB+	180,709
4,180	Total Long-Term Care Tax Obligation/General – 23.1% (23.7% of Total Investments)			4,416,109
1,750	Antelope Valley Community College District, Los Angeles County, California, General Obligation	2/25 at 100.00	Aa2	1,941,590

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	Bonds, Refunding Series 2015, 5.000%, 8/01/39			
1,000	California State, General Obligation Bonds, Refunding Various Purpose Series 2013, 5.000%, 2/01/29	No Opt. Call	AA-	1,125,980
1,000	California State, General Obligation Bonds, Various Purpose Refunding Series 2014, 5.000%, 8/01/31	8/24 at 100.00	AA-	1,133,880
3,000	California State, General Obligation Bonds, Various Purpose Refunding Series 2015, 5.000%, 8/01/34	8/25 at 100.00	AA-	3,372,030
	California State, General Obligation Bonds, Various Purpose Series 2009:			
2,500	6.000%, 4/01/38	4/19 at 100.00	AA-	2,733,975
1,000	6.000%, 11/01/39	11/19 at 100.00	AA-	1,114,570
2,000	California State, General Obligation Bonds, Various Purpose Series 2010, 5.500%, 3/01/40	3/20 at 100.00	AA-	2,210,780
	California State, General Obligation Bonds, Various Purpose Series 2013:			
2,500	5.000%, 4/01/37	4/23 at 100.00	AA-	2,759,150
2,500	5.000%, 2/01/43	No Opt. Call	AA-	2,739,750
2,240	5.000%, 11/01/43	11/23 at 100.00	AA-	2,478,179
	California State, General Obligation Bonds, Various Purpose Series 2014:			
5,000	5.000%, 5/01/32	5/24 at 100.00	AA-	5,632,300
1,970	5.000%, 10/01/39	10/24 at 100.00	AA-	2,193,753
290	Oceanside Unified School District, San Diego County, California, General Obligation Bonds, Election 2008 Series 2010B, 0.000%, 8/01/49 – AGM Insured	8/20 at 13.60	AA	35,757
10,000	Poway Unified School District, San Diego County, California, General Obligation Bonds, School Facilities Improvement District 2007-1, Series 2011A, 0.000%, 8/01/46	No Opt. Call	AA-	2,624,400
2,000	Puerto Rico, General Obligation Bonds, Public Improvement Series 2002A, 5.500%, 7/01/20 – NPPG Insured	No Opt. Call	AA-	2,180,840
6,000	Rio Hondo Community College District, California, General Obligation Bonds, Election of 2004, Series 2010C, 0.000%, 8/01/42 (4)	8/34 at 100.00	AA	5,526,960
3,000	San Diego Unified School District, San Diego County, California, General Obligation Bonds, Dedicated Unlimited Ad Valorem Property Tax, 2012 Election Series 2016F, 5.000%, 7/01/40	7/25 at 100.00	AAA	3,340,560
11,875	San Mateo Union High School District, San Mateo County, California, General Obligation Bonds, Election 2010 Series 2011A, 0.000%, 9/01/41 (4)	9/36 at 100.00	Aaa	8,983,081

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20,860	Yosemite Community College District, California, General Obligation Bonds, Capital Appreciation, Election 2004, Series 2010D, 0.000%, 8/01/42 (4)	No Opt. Call	Aa2	12,829,109
80,485	Total Tax Obligation/General Tax Obligation/Limited – 15.1% (15.4% of Total Investments)			64,956,644
1,000	Artesia Redevelopment Agency, California, Tax Allocation Revenue Bonds, Artesia Redevelopment Project Area, Series 2007, 5.375%, 6/01/27	2/17 at 100.00	BBB+	1,001,100
	Bell Community Redevelopment Agency, California, Tax Allocation Bonds, Bell Project Area, Series 2003:			
3,000	5.500%, 10/01/23 – RAAI Insured	2/17 at 100.00	AA	3,007,290
1,000	5.625%, 10/01/33 – RAAI Insured	2/17 at 100.00	AA	1,001,620
1,500	California State Public Works Board, Lease Revenue Bonds, Department of Corrections & Rehabilitation, Various Correctional Facilities Series 2013F, 5.250%, 9/01/33	9/23 at 100.00	A+	1,744,665
1,250	California State Public Works Board, Lease Revenue Bonds, Department of Corrections & Rehabilitation, Various Correctional Facilities Series 2014A, 5.000%, 9/01/39	9/24 at 100.00	A+	1,386,138
1,000	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2009G-1, 5.750%, 10/01/30	10/19 at 100.00	A+	1,103,150
3,000	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2012G, 5.000%, 11/01/37	11/22 at 100.00	A+	3,333,450
1,005	Chino Redevelopment Agency, California, Merged Chino Redevelopment Project Area Tax Allocation Bonds, Series 2006, 5.000%, 9/01/38 – AMBAC Insured	9/17 at 100.00	A	1,017,422
1,000	Folsom Public Financing Authority, California, Special Tax Revenue Bonds, Refunding Series 2007A, 5.000%, 9/01/23 – AMBAC Insured	9/17 at 100.00	N/R	1,015,980
750	Fontana Redevelopment Agency, San Bernardino County, California, Tax Allocation Bonds, Jurupa Hills Redevelopment Project, Refunding Series 1997A, 5.500%, 10/01/27	4/17 at 100.00	A	760,028
675	Inglewood Redevelopment Agency, California, Tax Allocation Bonds, Merged Redevelopment Project, Subordinate Lien Series 2007A-1, 5.000%, 5/01/25 – AMBAC Insured	5/17 at 100.00	BBB+	679,536
750	Lancaster Redevelopment Agency, California, Tax Allocation Bonds, Combined Redevelopment Project Areas Housing Programs, Series 2009, 6.000%, 8/01/24	8/19 at 100.00	BBB	831,353
3,520	Los Angeles County Public Works Financing Authority, California, Lease Revenue Bonds, Multiple Capital Facilities Project II, Series 2012, 5.000%, 8/01/42	No Opt. Call	AA	3,906,390
370			A	441,599

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	National City Community Development Commission, California, 8/21 at Tax Allocation Bonds, National	100.00		
140	City Redevelopment Project, Series 2011, 6.500%, 8/01/24 Novato Redevelopment Agency, California, Tax Allocation Bonds, Hamilton Field Redevelopment	9/21 at 100.00	BBB+	163,243
5,910	Project, Series 2011, 6.750%, 9/01/40 Palmdale Elementary School District, Los Angeles County, California, Special Tax Bonds, Community Facilities District 90-1, Series 1999, 5.800%, 8/01/29	No Opt. Call	AA	5,932,044
160	Patterson Public Finance Authority, California, Revenue Bonds, Community Facilities District 2001-1, Subordinate Lien Series 2013B , 5.875%, 9/01/39 Patterson Public Financing Authority, California, Revenue Bonds, Community Facilities District 2001-1, Senior Series 2013A:	9/23 at 100.00	N/R	171,746
950	5.250%, 9/01/30	9/23 at 100.00	N/R	1,009,204
860	5.750%, 9/01/39	9/23 at 100.00	N/R	915,926
80	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	94,278
2,000	Roseville, California, Special Tax Bonds, Community Facilities District 1 Fiddymont Ranch, Series 2005, 5.050%, 9/01/30	3/17 at 100.00	N/R	2,005,860
50	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	52,577
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	1,107,790
170	San Francisco City and County Redevelopment Agency Successor Agency, California, Special Tax Bonds, Community Facilities District 7, Hunters Point Shipyard Phase One Improvements, Refunding Series 2014, 5.000%, 8/01/39	No Opt. Call	N/R	179,399
2,750	San Jose Financing Authority, California, Lease Revenue Refunding Bonds, Convention Center Project, Series 2001F, 5.000%, 9/01/20 – NPMFG Insured	3/17 at 100.00	AA	2,759,323
780	San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Area Redevelopment Project, Refunding Series 2006D, 5.000%, 8/01/23 – AMBAC Insured San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Area Redevelopment Project, Series 2006C:	8/17 at 100.00	BBB+	799,812
400	5.000%, 8/01/24 – NPMFG Insured	8/17 at 100.00	AA–	410,212
590	5.000%, 8/01/25 – NPMFG Insured	8/17 at 100.00	AA–	604,986

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110	Signal Hill Redevelopment Agency, California, Project 1 Tax Allocation Bonds, Series 2011, 7.000%, 10/01/26	4/21 at 100.00	N/R	125,524
1,295	Tehachapi Redevelopment Agency, California, Tax Allocation Bonds, Series 2007, 5.250%, 12/01/37 – RAAI Insured	12/17 at 100.00	AA	1,311,265
1,000	Virgin Islands Public Finance Authority, Matching Fund Loan Notes Revenue Bonds, Series 2012A, 5.000%, 10/01/32 – AGM Insured	10/22 at 100.00	AA	1,061,160
485	Vista Joint Powers Financing Authority, California, Special Tax Lease Revenue Refunding Bonds, Community Facilities District 90-2, Series 1997A, 5.875%, 9/01/20	3/17 at 100.00	N/R	485,955
1,730	West Contra Costa Healthcare District, California, Certificates of Participation, Series 2004, 5.375%, 7/01/21 – AMBAC Insured	2/17 at 100.00	N/R	1,752,940
190	Yorba Linda Redevelopment Agency, Orange County, California, Tax Allocation Revenue Bonds, Yorba Linda Redevelopment Project, Subordinate Lien Series 2011A, 6.500%, 9/01/32	9/21 at 100.00	A-	221,561
40,470	Total Tax Obligation/Limited Transportation – 13.1% (13.4% of Total Investments)			42,394,526
1,820	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	BB+	2,073,544
	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Refunding Series 2013A:			
1,945	5.000%, 1/15/42 – AGM Insured	1/24 at 100.00	AA	2,092,937
4,010	5.750%, 1/15/46	1/24 at 100.00	BBB-	4,419,702
4,010	6.000%, 1/15/53	1/24 at 100.00	BBB-	4,498,779
5,665	Los Angeles Department of Airports, California, Revenue Bonds, Los Angeles International Airport, Senior Lien Series 2015D, 5.000%, 5/15/41 (Alternative Minimum Tax)	5/25 at 100.00	AA	6,139,954
3,000	Los Angeles Harbors Department, California, Revenue Bonds, Series 2014C, 5.000%, 8/01/44	8/24 at 100.00	AA	3,319,380
175	Palm Springs Financing Authority, California, Palm Springs International Airport Revenue Bonds, Series 2006, 5.550%, 7/01/28 (Alternative Minimum Tax)	2/17 at 100.00	N/R	175,109
1,210	Port of Oakland, California, Revenue Bonds, Refunding Series 2012P, 5.000%, 5/01/29 (Alternative Minimum Tax)	No Opt. Call	A+	1,334,231
11,750	San Francisco Airports Commission, California, Revenue Bonds, San Francisco International Airport, Second Governmental Purpose Series 2016C, 5.000%, 5/01/46	5/26 at 100.00	A+	12,837,932

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33,585	Total Transportation U.S. Guaranteed – 16.9% (17.3% of Total Investments) (5)			36,891,568
1,600	California Municipal Financing Authority, Certificates of Participation, Community Hospitals of Central California, Series 2007, 5.250%, 2/01/27 (Pre-refunded 2/01/17)	2/17 at 100.00	N/R (5)	1,611,776
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	2,282,580
1,000	California Statewide Communities Development Authority, Revenue Bonds, ValleyCare Health System, Series 2007A, 5.125%, 7/15/31 (Pre-refunded 7/15/17)	7/17 at 100.00	AA+ (5)	1,026,570
1,695	Contra Costa County, California, GNMA Mortgage-Backed Securities Program Home Mortgage Revenue Bonds, Series 1988, 8.250%, 6/01/21 (Alternative Minimum Tax) (ETM) Irvine Unified School District, California, Special Tax Bonds, Community Facilities District Series 2006A: 5.000%, 9/01/26 (Pre-refunded 9/01/18)	No Opt. Call	Aaa	1,922,164
150	5.125%, 9/01/36 (Pre-refunded 9/01/18)	9/18 at 100.00	N/R (5)	151,322
355	5.000%, 6/01/31 (Pre-refunded 1/31/17) – NPFG Insured	9/18 at 100.00	N/R (5)	356,864
2,500	Kern County Board of Education, California, Certificates of Participation, Series 2006A, 5.000%, 6/01/31 (Pre-refunded 1/31/17) – NPFG Insured	1/17 at 100.00	AA– (5)	2,505,725
1,525	Loma Linda, California, Hospital Revenue Bonds, Loma Linda University Medical Center, Series 2008A, 8.250%, 12/01/38 (Pre-refunded 12/01/17) Madera Irrigation District. California, Water Revenue Refunding Bonds, Series 2008: 5.500%, 1/01/33 (Pre-refunded 1/01/18)	12/17 at 100.00	BB (5)	1,637,255
1,850	5.500%, 1/01/38 (Pre-refunded 1/01/18)	1/18 at 100.00	A (5)	1,939,078
3,000	5.500%, 1/01/38 (Pre-refunded 1/01/18)	1/18 at 100.00	A (5)	3,144,450
5,710	Oceanside Unified School District, San Diego County, California, General Obligation Bonds, Election 2008 Series 2010B, 0.000%, 8/01/49 (Pre-refunded 8/01/20) – AGM Insured	8/20 at 13.60	AA (5)	724,942
8,565	Palmdale, California, GNMA Mortgage-Backed Securities Program Single Family Mortgage Revenue Bonds, Series 1988A, 0.000%, 3/01/17 (ETM)	No Opt. Call	AA+ (5)	8,547,270
2,940	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2009, 6.750%, 11/01/39 (Pre-refunded 11/01/19)	11/19 at 100.00	Ba1 (5)	3,365,888
1,130	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	BB+ (5)	1,234,435
440	Rancho Santa Fe CSD Financing Authority, California, Revenue Bonds, Superior Lien Series	9/21 at 100.00	A– (5)	518,298

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13,285	2011A, 5.750%, 9/01/30 (Pre-refunded 9/01/21) San Bernardino County, California, GNMA Mortgage-Backed Securities Program Single Family Home Mortgage Revenue Bonds, Series 1988A, 0.000%, 9/01/21 (Alternative Minimum Tax) (ETM)	No Opt. Call	Aaa	10,228,653
65	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) San Francisco Redevelopment Financing Authority, California, Tax Allocation Revenue Bonds, Mission Bay South Redevelopment Project, Series 2011D:	2/21 at 100.00	A- (5)	78,044
65	7.000%, 8/01/33 (Pre-refunded 2/01/21)	2/21 at 100.00	BBB+ (5)	78,695
80	7.000%, 8/01/41 (Pre-refunded 2/01/21)	2/21 at 100.00	BBB+ (5)	96,855
625	San Mateo Union High School District, San Mateo County, California, Certificates of Participation, Phase 1, Series 2007A, 5.000%, 12/15/30 (Pre-refunded 12/15/17) – AMBAC Insured	12/17 at 100.00	N/R (5)	651,800
3,000	Santa Clara County Financing Authority, California, Insured Revenue Bonds, El Camino Hospital, Series 2007A, 5.750%, 2/01/41 (Pre-refunded 8/01/17) – AMBAC Insured	8/17 at 100.00	A+ (5)	3,097,770
910	Santa Clara Valley Transportation Authority, California, Sales Tax Revenue Bonds, 2000 Measure A, Refunding Series 2007A, 5.000%, 4/01/36 (Pre-refunded 4/01/17) – AMBAC Insured	4/17 at 100.00	AA+ (5)	922,840
1,320	Tahoe Forest Hospital District, Placer and Nevada Counties, California, General Obligation Bonds, Series 2010B, 5.500%, 8/01/35 (Pre-refunded 8/01/18)	8/18 at 100.00	Aa3 (5)	1,415,146
53,810	Total U.S. Guaranteed Utilities – 2.4% (2.5% of Total Investments)			47,538,420
1,860	California Statewide Communities Development Authority, Certificates of Participation, Rio Bravo Fresno Project, Refunding Series 1999A, 6.500%, 12/01/18	12/16 at 100.00	N/R	1,851,388
1,800	Long Beach Bond Finance Authority, California, Natural Gas Purchase Revenue Bonds, Series 2007A, 5.500%, 11/15/37	No Opt. Call	A	2,093,616
1,000	Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2016A, 5.000%, 7/01/37 Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2016B:	1/26 at 100.00	Aa2	1,126,640
705	5.000%, 7/01/31	1/26 at 100.00	Aa2	811,554
210	5.000%, 7/01/32	1/26 at 100.00	Aa2	240,305
235	5.000%, 7/01/33		Aa2	267,522

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		1/26 at 100.00		
420	5.000%, 7/01/34	1/26 at 100.00	Aa2	476,351
6,230	Total Utilities			6,867,376
	Water and Sewer – 5.9% (6.1% of Total Investments)			
	California Pollution Control Financing Authority, Water Furnishing Revenue Bonds, Poseidon Resources Channelside LP Desalination Project, Series 2012:			
1,375	5.000%, 7/01/37 (Alternative Minimum Tax)	No Opt. Call	Baa3	1,459,508
2,675	5.000%, 11/21/45 (Alternative Minimum Tax)	No Opt. Call	Baa3	2,852,995
2,000	Irvine Ranch Water District, California, Certificates of Participation, Irvine Ranch Water District Series 2016, 5.000%, 3/01/41	9/26 at 100.00	AAA	2,261,859
5,000	Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Series 2007A-2, 5.000%, 7/01/44 – AMBAC Insured San Diego Public Facilities Financing Authority, California, Water Utility Revenue Bonds, Refunding Subordinate Lien Series 2016B:	7/17 at 100.00	AA+	5,099,599
2,000	5.000%, 8/01/30	8/26 at 100.00	Aa3	2,308,079
2,335	5.000%, 8/01/32	8/26 at 100.00	Aa3	2,667,456
15,385	Total Water and Sewer			16,649,496
\$ 290,700	Total Long-Term Investments (cost \$255,861,696)			274,573,599
	Other Assets Less Liabilities – 2.3%			6,585,224
	Net Assets Applicable to Common Shares – 100%			\$ 281,158,823

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	\$ —	\$274,573,599	\$ —	\$274,573,599

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.

As of November 30, 2016, the cost of investments was \$255,879,021.

Gross unrealized appreciation and gross unrealized depreciation of investments as of November 30, 2016, were as follows:

Gross unrealized:	
Appreciation	\$21,932,750
Depreciation	(3,238,172)
Net unrealized appreciation (depreciation) of investments	\$18,694,578

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
- (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
- (3) 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 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. 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. Certain bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities.
- (ETM) Escrowed to maturity.
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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 Municipal Value Fund, Inc.

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

Date: January 27, 2017

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: January 27, 2017

By (Signature and Title) /s/ Stephen D. Foy
Stephen D. Foy
Vice President and Controller (principal financial officer)

Date: January 27, 2017