NUVEEN CALIFORNIA MUNICIPAL VALUE FUND INC Form N-Q July 30, 2015

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)

Kevin J. McCarthy
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: 5/31/15

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)

May 31, 2015 (Unaudited)

Principal Amount (000)	Description (1) LONG-TERM INVESTMENTS – 100.4% (99.6% of Total Investments)	Optional Call Provisions (2)	Ratings (3)Valu	e
	MUNICIPAL BONDS – 100.4% (99.6% of Total Investments)			
	Consumer Staples – 4.2% (4.1% of Total Investments) California County Tobacco Securitization			
\$ 2,000	Agency, Tobacco Settlement Asset-Backed Bonds, Los Angeles County Securitization Corporation, Series 2006A, 5.650%, 6/01/41	12/18 at 100.00	B+ \$	1,788,000
195	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Sonoma County Tobacco Securitization Corporation,	8/15 at 100.00	BBB+	194,692
3,940	Series 2005, 4.250%, 6/01/21 Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1, 5.000%, 6/01/33	6/17 at 100.00	В	3,296,086
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	В	2,940,752
3,500	Tobacco Securitization Authority of Northern California, Tobacco Settlement Asset-Backed	8/15 at 100.00	В-	2,867,515
13,205	Bonds, Series 2005A-1, 5.500%, 6/01/45 Total Consumer Staples Education and Civic Organizations – 0.5% (0.5% of Total Investments) California Educational Facilities Authority,			11,087,045
65	Revenue Bonds, University of Redlands, Series 2005A, 5.000%, 10/01/35	10/15 at 100.00	A3	65,343

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	511,007
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-	819,707
1,215	Total Education and Civic Organizations Health Care – 14.2% (14.1% of Total Investments)			1,396,057
555	California Health Facilities Financing Authority, Revenue Bonds, Lucile Salter Packard	8/24 at 100.00	AA	620,040
	Children's Hospital, Series 2014A, 5.000%, 8/15/43	0,2 · ut 100.00	7117	020,010
	California Health Facilities Financing	10/24 at		
350	Authority, Revenue Bonds, Providence Health & Services,	10/24 at 100.00	AA	390,908
330	Series 2014A, 5.000%, 10/01/38	100.00	AA	390,900
	California Health Facilities Financing			
	Authority, Revenue Bonds, Providence Health	10/24 at		
690	& Services,	100.00	AA	768,322
0,70	Series 2014B, 5.000%, 10/01/44	100.00	1 11 1	, 00,022
	California Health Facilities Financing			
	Authority, Revenue Bonds, Rady Children's			
	Hospital –			
	San Diego, Series 2011:			
560	5.000%, 8/15/31	8/21 at 100.00	AA-	641,446
670	5.250%, 8/15/41	8/21 at 100.00	AA-	744,189
	California Health Facilities Financing			
	Authority, Revenue Bonds, Sutter Health,			
1,000	Series 2011B,	8/20 at 100.00	AA-	1,189,010
	6.000%, 8/15/42			
	California Health Facilities Financing			
	Authority, Revenue Bonds, Sutter Health,	11/16 at		
5,365	Series 2007A,	100.00	AA-	5,637,542
	5.250%, 11/15/46 (UB)			
	California Municipal Financing Authority,			
2.070	Certificates of Participation, Community	2/17 -+ 100 00	A	4.050.042
3,870	Hospitals	2/17 at 100.00	A–	4,058,043
	of Central California, Series 2007, 5.250%, 2/01/27			
	California Statewide Communities			
1.760	Development Authority, Revenue Bonds,	045 . 100 00		1 7/2 /02
1,560	Adventist Health System	3/15 at 100.00	A	1,562,683
2.625	West, Series 2005A, 5.000%, 3/01/35	4/22 -4 100 00	Α.	2 976 729
2,625	California Statewide Communities	4/22 at 100.00	A+	2,876,738
	Development Authority, Revenue Bonds,			

	-			
	Kaiser Permanente,			
	Series 2012A, 5.000%, 4/01/42			
	California Statewide Community Development			
	Authority, Health Facility Revenue Bonds,			
3,000	Catholic	7/17 at 100.00	AA	3,206,070
	Healthcare West, Insured Series 2008K,			
	5.500%, 7/01/41 – AGC Insured			
	California Statewide Community Development			
	Authority, Health Facility Revenue Bonds,			
1,000	Catholic	7/18 at 100.00	A	1,098,890
	Healthcare West, Series 2008C, 5.625%,			
	7/01/35			
	California Statewide Community Development			
	Authority, Revenue Bonds, Kaiser Permanente			
1,460	System,	8/16 at 100.00	A+	1,528,065
	Series 2001C, 5.250%, 8/01/31			
	California Statewide Community Development			
	Authority, Revenue Bonds, Sherman Oaks			
2,710	Health	No Opt. Call	Aa3	3,095,254
	System, Series 1998A, 5.000%, 8/01/22 –			
	AMBAC Insured			
	California Statewide Community Development			
	Authority, Revenue Bonds, Sutter Health,	11/15 at		
1,890	Series	100.00	AA-	1,924,776
	2005A, 5.000%, 11/15/43			
	Palomar Pomerado Health Care District,			
	California, Certificates of Participation, Series	11/19 at		
2,940	2009,	100.00	Ba1	3,239,586
	6.750%, 11/01/39			
	Palomar Pomerado Health Care District,			
	California, Certificates of Participation, Series	11/20 at		
2,900	2010,	100.00	Ba1	3,092,763
	6.000%, 11/01/41			
	San Buenaventura, California, Revenue Bonds,			
	Community Memorial Health System, Series	12/21 at		
1,750	2011,	100.00	BB	2,134,195
	7.500%, 12/01/41			
34,895	Total Health Care			37,808,520
	Housing/Multifamily – 2.2% (2.2% of Total			
	Investments)			
	California Municipal Finance Authority,			
	Mobile Home Park Revenue Bonds, Caritas			
1,020	Projects	8/20 at 100.00	BBB	1,125,478
	Series 2010A, 6.400%, 8/15/45			
	California Municipal Finance Authority,			
	Mobile Home Park Revenue Bonds, Caritas			
1,060	Projects	8/22 at 100.00	BBB	1,145,563
	Series 2012A, 5.500%, 8/15/47			
	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	70,682
175	5.250%, 8/15/49	8/24 at 100.00	BBB	189,807
	California Statewide Community Development Authority, Multifamily Housing Revenue			
2,290	Bonds, Harbor City Lights, Series 1999Y, 6.650%, 7/01/39 (Alternative Minimum Tax) San Dimas Housing Authority, California, Mobile Home Park Revenue Bonds, Charter	7/15 at 100.00	N/R	2,292,244
1,105	Oak Mobile Home Estates Acquisition Project, Series 1998A, 5.700%, 7/01/28	7/15 at 100.00	N/R	1,106,503
5,715	Total Housing/Multifamily Housing/Single Family – 0.8% (0.8% of Total Investments) California Department of Veteran Affairs,			5,930,277
	Home Purchase Revenue Bonds, Series 2007,	12/16 at		
2,125	5.000%, 12/01/42 (Alternative Minimum Tax) California Housing Finance Agency, Home	100.00	AA	2,158,533
55	Mortgage Revenue Bonds, Series 2006H,	2/16 + 100 00		57.005
55	5.750%, 8/01/30 – FGIC Insured (Alternative Minimum Tax)	2/16 at 100.00	A	57,285
2,180	Total Housing/Single Family			2,215,818
2,100	Long-Term Care – 1.7% (1.7% of Total Investments) ABAG Finance Authority for Non-Profit Corporations, California, Health Facility			2,213,616
4,000	Revenue Bonds, The Institute on Aging, Series 2008A, 5.650%, 8/15/38 California Statewide Community Development		A+	4,439,640
100	Authority, Certificates of Participation,	10/15 at	DDD	100 742
180	Internext	100.00	BBB+	180,743
4,180	Group, Series 1999, 5.375%, 4/01/17 Total Long-Term Care Tax Obligation/General – 18.7% (18.6% of Total Investments)			4,620,383
	California State, General Obligation Bonds,			
1,000	Refunding Various Purpose Series 2013, 5.000%, 2/01/29 California State, General Obligation Bonds, Various Purpose Series 2009:	No Opt. Call	AA-	1,147,930
2,500	6.000%, 4/01/38	4/19 at 100.00	AA-	2,937,525
, 00		11/19 at	. 11. 1	_,,,,,,,,,,
1,000	6.000%, 11/01/39	100.00	AA-	1,199,430
,	California State, General Obligation Bonds,	-22.20		, , 0
2,000	Various Purpose Series 2010, 5.500%, 3/01/40	3/20 at 100.00	AA-	2,331,780

	California State, General Obligation Bonds, Various Purpose Series 2013:			
2,500	5.000%, 4/01/37	4/23 at 100.00	AA-	2,813,400
2,500	5.000%, 2/01/43	No Opt. Call 11/23 at	AA-	2,782,300
2,240	5.000%, 11/01/43 California State, General Obligation Bonds, Various Purpose Series 2014:	100.00	AA-	2,514,467
5,000	5.000%, 5/01/32	5/24 at 100.00 10/24 at	AA-	5,735,450
1,970	5.000%, 10/01/39 Oceanside Unified School District, San Diego	100.00	AA-	2,228,740
6,000	County, California, General Obligation Bonds, Election 2008 Series 2010B, 0.000%, 8/01/49 – AGM Insured Puerto Rico, General Obligation Bonds, Public	No Opt. Call	AA	673,680
2,000	Improvement Series 2002A, 5.500%, 7/01/20 – NPFG Insured	No Opt. Call	AA-	2,115,960
10,000	San Diego Unified School District, San Diego County, California, General Obligation Bonds, Series 2010C, 0.000%, 7/01/47 San Mateo Union High School District, San	No Opt. Call	AA-	2,394,100
11,875	Mateo County, California, General Obligation Bonds, Election 2010 Series 2011A, 0.000%, 9/01/41 Tahoe Forest Hospital District, Placer and	9/36 at 100.00	AA+	7,938,200
1,320	Nevada Counties, California, General Obligation Bonds, Series 2010B, 5.500%, 8/01/35	8/18 at 100.00	Aa3	1,471,378
20,860	Yosemite Community College District, California, General Obligation Bonds, Capital Appreciation, Election 2004, Series 2010D, 0.000%, 8/01/42	No Opt. Call	Aa2	11,642,382
72,765	Total Tax Obligation/General Tax Obligation/Limited – 23.7% (23.5% of Total Investments) Artesia Redevelopment Agency, California, Tax Allocation Revenue Bonds, Artesia			49,926,722
1,000	Redevelopment Project Area, Series 2007, 5.375%, 6/01/27 Bell Community Redevelopment Agency, California, Tax Allocation Bonds, Bell Project Area, Series 2003:	8/15 at 100.00	BBB+	1,001,020
3,000	5.500%, 10/01/23 – RAAI Insured	8/15 at 100.00	AA	3,001,980
1,000	5.625%, 10/01/33 – RAAI Insured California State Public Works Board, Lease	8/15 at 100.00	AA	1,000,190
3,500	Revenue Bonds, Department of Corrections & Rehabilitation, Various Correctional Facilities Series 2013F, 5.250%, 9/01/33	9/23 at 100.00	A+	4,083,065
1,250	Series 20131 ¹ , 3.230 %, 7/01/33	9/24 at 100.00	A+	1,405,500

	California State Public Works Board, Lease Revenue Bonds, Department of Corrections &			
	Rehabilitation, Various Correctional Facilities Series 2014A, 5.000%, 9/01/39			
	California State Public Works Board, Lease	10/19 at		
1,000	Revenue Bonds, Various Capital Projects, Series	100.00	A+	1,174,870
1,000	2009G-1, 5.750%, 10/01/30	100.00	7 . 1	1,174,070
	California State Public Works Board, Lease			
	Revenue Bonds, Various Capital Projects,	11/19 at		
2,000	Series	100.00	A+	2,410,080
	2009-I, 6.375%, 11/01/34			
	California State Public Works Board, Lease			
	Revenue Bonds, Various Capital Projects,	11/22 at		
3,000	Series	100.00	A+	3,343,680
	2012G, 5.000%, 11/01/37			
	Capistrano Unified School District, Orange			
2.40	County, California, Special Tax Bonds,	0.45 400.00		242.740
340	Community	9/15 at 100.00	AA–	343,519
	Facilities District 98-2, Series 2005, 5.000%, 9/01/24 – FGIC Insured			
	Chino Redevelopment Agency, California,			
	Merged Chino Redevelopment Project Area			
1,005	Tax Allocation	9/16 at 101.00	A	1,026,849
1,000	Bonds, Series 2006, 5.000%, 9/01/38 –	<i>y,</i> 10 ac 101.00		1,020,019
	AMBAC Insured			
	Folsom Public Financing Authority, California,			
1,000	Special Tax Revenue Bonds, Refunding Series	9/17 at 100.00	N/R	1,045,340
	2007A, 5.000%, 9/01/23 – AMBAC Insured			
	Fontana Redevelopment Agency, San			
	Bernardino County, California, Tax Allocation	10/15 at		
750	Bonds, Jurupa	100.00	A–	756,960
	Hills Redevelopment Project, Refunding Series			
	1997A, 5.500%, 10/01/27			
	Golden State Tobacco Securitization			
8,250	Corporation, California, Enhanced Tobacco Settlement	6/25 at 100.00	A1	9,067,575
0,230	Asset-Backed Revenue Bonds, Series 2015A,	0/23 at 100.00	AI	7,007,575
	5.000%, 6/01/40			
	Inglewood Redevelopment Agency, California,			
675	Tax Allocation Bonds, Merged Redevelopment		BBB+	696,830
	Project, Subordinate Lien Series 2007A-1,			,
	5.000%, 5/01/25 – AMBAC Insured			
	Irvine Unified School District, California,			
	Special Tax Bonds, Community Facilities			
	District			
4 = -	Series 2006A:	0.4.6		
150	5.000%, 9/01/26	9/16 at 100.00	N/R	152,564
355	5.125%, 9/01/36	9/16 at 100.00	N/R	360,723
2.500	Kern County Board of Education, California,	6/16 at 100 00	A A	2 504 550
2,500	Certificates of Participation, Series 2006A,	6/16 at 100.00	AA-	2,584,550

	5.000%, 6/01/31 – NPFG Insured Lancaster Redevelopment Agency, California, Tax Allocation Bonds, Combined			
750	Redevelopment Project Areas Housing Programs, Series 2009, 6.000%, 8/01/24	8/19 at 100.00	BBB	865,388
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	3,875,626
370	National City Community Development Commission, California, Tax Allocation Bonds, National City Redevelopment Project, Series 2011, 6.500%, 8/01/24	8/21 at 100.00	A-	463,529
140	Novato Redevelopment Agency, California, Tax Allocation Bonds, Hamilton Field Redevelopment Project, Series 2011, 6.750%, 9/01/40	9/21 at 100.00	BBB+	168,875
5,910	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	5,933,936
160	Patterson Public Finance Authority, California, Revenue Bonds, Community Facilities District 2001-1, Subordinate Lien Series 2013B, 5.875%, 9/01/39		N/R	173,621
	Patterson Public Financing Authority, California, Revenue Bonds, Community Facilities District 2001-1, Senior Series 2013A:			
950	5.250%, 9/01/30	9/23 at 100.00	N/R	1,025,107
860	5.750%, 9/01/39 Pittsburg Redevelopment Agency, California, Tax Allocation Bonds, Los Medanos	9/23 at 100.00	N/R	939,782
1,130	Community Development Project, Refunding Series 2008A, 6.500%, 9/01/28 Rancho Santa Fe CSD Financing Authority, California, Revenue Bonds, Superior Lien	9/18 at 100.00	BBB-	1,239,949
440	Series 2011A, 5.750%, 9/01/30 Riverside County Redevelopment Agency,	9/21 at 100.00	BBB+	498,595
80	California, Tax Allocation Bonds, Jurupa Valley Project Area, Series 2011B, 6.500%, 10/01/25 Roseville, California, Special Tax Bonds,	10/21 at 100.00	A-	98,714
	Community Facilities District 1 Fiddyment			
2,000	Ranch,	9/15 at 100.00	N/R	2,006,080

	Series 2005, 5.050%, 9/01/30 San Diego County Regional Transportation Commission, California, Sales Tax Revenue			
1,000	Bonds, Series 2012A, 5.000%, 4/01/42	4/22 at 100.00	AAA	1,113,630
170	San Francisco City and County Redevelopment Agency Successor Agency, California, Special Tax Bonds, Community Facilities District 7,	No Opt. Call	N/R	182,587
	Hunters Point Shipyard Phase One Improvements, Refunding Series 2014, 5.000%, 8/01/39 San Francisco Redevelopment Finance			
65	Authority, California, Tax Allocation Revenue Bonds, Mission Bay North Redevelopment Project, Series 2011C, 6.750%, 8/01/41 San Francisco Redevelopment Financing	2/21 at 100.00	A-	78,657
	Authority, California, Tax Allocation Revenue Bonds, Mission Bay South Redevelopment Project, Series 2011D:			
65	7.000%, 8/01/33	2/21 at 100.00	BBB+	78,255
80	7.000%, 8/01/41	2/21 at 100.00	BBB+	96,314
	San Jose Financing Authority, California, Lease Revenue Refunding Bonds, Convention			·
2,750	Center	9/15 at 100.00	AA	2,761,110
	Project, Series 2001F, 5.000%, 9/01/20 – NPFO Insured	3		
	San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Area Redevelopment Project, Series 2006C:			
400	5.000%, 8/01/24 – NPFG Insured	8/17 at 100.00	AA-	430,984
590	5.000%, 8/01/25 – NPFG Insured San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Area	8/17 at 100.00	AA-	635,701
780	Redevelopment Project, Series 2006D, 5.000%, 8/01/23 – AMBAC Insured Signal Hill Redevelopment Agency,	8/17 at 100.00	BBB+	836,238
	California, Project 1 Tax Allocation Bonds,			
110	Series 2011,	4/21 at 100.00	N/R	124,411
	7.000%, 10/01/26	.,		:, :
	Tehachapi Redevelopment Agency, California,	12/17 at		
1,360	Tax Allocation Bonds, Series 2007, 5.250%, 12/01/37 – RAAI Insured Travis Unified School District, Solano County,	100.00	AA	1,401,453
1,925	California, Certificates of Participation, Series 2006, 5.000%, 9/01/26 – FGIC Insured	9/16 at 100.00	A3	2,018,709
690	2020, 2020, 7, 7, 00, 20 2 2 2 2 110 110 u	9/15 at 100.00	N/R	691,221

	0 0			
	Vista Joint Powers Financing Authority,			
	California, Special Tax Lease Revenue			
	Refunding Bonds,			
	Community Facilities District 90-2, Series			
	1997A, 5.875%, 9/01/20			
	West Contra Costa Healthcare District,			
	California, Certificates of Participation, Series			
1,730	2004,	8/15 at 100.00	N/R	1,736,020
,	5.375%, 7/01/21 – AMBAC Insured			,,.
	Yorba Linda Redevelopment Agency, Orange			
	County, California, Tax Allocation Revenue			
190	Bonds,	9/21 at 100.00	A-	230,478
	Yorba Linda Redevelopment Project,			
	Subordinate Lien Series 2011A, 6.500%,			
	9/01/32			
58,990	Total Tax Obligation/Limited			63,160,265
	Transportation – 7.0% (6.9% of Total			
	Investments)			
	Foothill/Eastern Transportation Corridor			
1,820	Agency, California, Toll Road Revenue Bonds,	1/24 at 100.00	BB+	2,166,692
	Refunding Junior Lien Series 2013C, 6.500%,			
	1/15/43			
	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	2,148,369
4,010	5.750%, 1/15/46	1/24 at 100.00	BBB-	4,650,798
4,010	6.000%, 1/15/53	1/24 at 100.00	BBB-	4,692,181
	Los Angeles Harbors Department, California,			
2 000	Revenue Bonds, Series 2014C, 5.000%,	0/0/4 + 100 00		2 200 510
3,000	8/01/44	8/24 at 100.00	AA	3,390,510
105	Palm Springs Financing Authority, California,	7/16 -+ 100 00	NI/D	105 741
195	Palm Springs International Airport Revenue	7/16 at 100.00	N/R	195,741
	Bonds, Series 2006, 5.550%, 7/01/28			
	(Alternative Minimum Tax) Port of Oakland, California, Revenue Bonds,			
1,210	Refunding Series 2012P, 5.000%, 5/01/29	No Opt. Call	A+	1,354,607
1,210	(Alternative Minimum Tax)	No Opt. Can	Ат	1,334,007
16,190	Total Transportation			18,598,898
10,170	U.S. Guaranteed – 19.8% (19.6% of Total			10,570,070
	Investments) (4)			
	Bay Area Toll Authority, California, Revenue			
	Bonds, San Francisco Bay Area Toll Bridge,			
2,500	Series	4/16 at 100.00	AA (4)	2,597,275
,	2006F, 5.000%, 4/01/31 (Pre-refunded		()	,,
	4/01/16) (UB)			
	California Educational Facilities Authority,			
	Revenue Bonds, University of the Pacific,	11/15 at		
95	Series	100.00	A2 (4)	96,796
	2006, 5.000%, 11/01/21 (Pre-refunded			
	11/02/15)			

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+ (4)	1,074,380
1,500	Castaic Lake Water Agency, California, Certificates of Participation, Series 2006C, 5.000%, 8/01/36 (Pre-refunded 8/01/16) – NPFG Insure	8/16 at 100.00 d	AA- (4)	1,581,030
2,065	Contra Costa County, California, GNMA Mortgage-Backed Securities Program Home Mortgage Revenue Bonds, Series 1988, 8.250%, 6/01/21 (Alternative Minimum Tax) (ETM)	No Opt. Call	Aaa	2,511,969
410	Healdsburg Public Financing Authority, California, Wastewater Revenue Bonds, Series 2006, 5.000%, 4/01/36 (Pre-refunded 4/01/16) – NPFG Insured	4/16 at 100.00	AA (4)	423,731
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)	12/17 at 100.00	BBB- (4)	1,801,650
1,500	Los Angeles Unified School District, California, General Obligation Bonds, Series 2006F, 5.000%, 7/01/24 (Pre-refunded 7/01/16) – FGIO	7/16 at 100.00 C	Aa2 (4)	1,576,665
21,500	Merced Irrigation District, California, Certificates of Participation, Water and Hydroelectric Series 2008B, 0.000%, 9/01/23 (Pre-refunded 9/01/16)	9/16 at 64.56	A (4)	13,777,844
605	Merced Irrigation District, California, Electric System Revenue Bonds, Series 2005, 5.125%, 9/01/31 (Pre-refunded 9/01/15) – SYNCORA GTY Insured	9/15 at 100.00	N/R (4)	612,472
8,565	Palmdale, California, GNMA Mortgage-Backed Securities Program Single Family Mortgage Revenue Bonds, Series 1988A, 0.000%, 3/01/17 (ETM) San Bernardino County, California, GNMA	No Opt. Call	AA+ (4)	8,450,058
18,520	Mortgage-Backed Securities Program Single Family Home Mortgage Revenue Bonds, Series 1988A, 0.000%, 9/01/21 (Alternative Minimum Tax)	No Opt. Call	Aaa	13,147,347
625	(ETM) San Mateo Union High School District, San Mateo County, California, Certificates of	12/17 at 100.00	N/R (4)	690,281

	3 3			
	Participation, Phase 1, Series 2007A, 5.000%,			
	12/15/30 (Pre-refunded 12/15/17) – AMBAC			
	Insured			
	Santa Clara County Financing Authority,			
	California, Insured Revenue Bonds, El Camino			
3,000	Hospital,	8/17 at 100.00	A+(4)	3,321,840
-,	Series 2007A, 5.750%, 2/01/41 (Pre-refunded		()	- ,- ,
	8/01/17) – AMBAC Insured			
	Santa Clara Valley Transportation Authority,			
910	California, Sales Tax Revenue Bonds, Series	4/17 at 100.00	AA+(4)	981,016
, - 0	2007A, 5.000%, 4/01/36 (Pre-refunded		()	, , , , , , ,
	4/01/17) – AMBAC Insured			
64,320	Total U.S. Guaranteed			52,644,354
	Utilities – 1.6% (1.6% of Total Investments)			,,
	California Statewide Community Development			
	Authority, Certificates of Participation	12/15 at		
2,160	Refunding,	100.00	N/R	2,112,890
2,100	Rio Bravo Fresno Project, Series 1999A,	100.00	1,71	2, 11 2 ,000
	6.500%, 12/01/18			
	Long Beach Bond Finance Authority,			
	California, Natural Gas Purchase Revenue			
1,800	Bonds, Series	No Opt. Call	A	2,126,412
-,	2007A, 5.500%, 11/15/37	-		_,,
3,960	Total Utilities			4,239,302
2,500	Water and Sewer – 6.0% (6.0% of Total			.,,,_ 0
	Investments)			
	Bay Area Water Supply and Conservation			
	Agency, California, Revenue Bonds, Capital			
1,000	Cost	4/23 at 100.00	AA-	1,163,010
-,000	Recovery Prepayment Program, Series 2013A,			-,,
	5.000%, 10/01/29			
	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	1,460,841
2,675	5.000%, 11/21/45 (Alternative Minimum Tax)	No Opt. Call	Baa3	2,806,610
,	Los Angeles Department of Water and Power,	1		, ,
5,000	California, Waterworks Revenue Bonds, Series	7/17 at 100.00	AA	5,342,499
,	2007A-2, 5.000%, 7/01/44 – AMBAC Insured			, ,
	Madera Irrigation District. California, Water			
	Revenue Refunding Bonds, Series 2008:			
1,850	5.500%, 1/01/33	1/18 at 100.00	A-	2,019,405
3,000	5.500%, 1/01/38	1/18 at 100.00	A–	3,247,740
14,900	Total Water and Sewer			16,040,105
•	Total Long-Term Investments (cost			
\$ 292,515	\$241,326,000)			267,667,746
Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
Amount (000)	Description (1)	1 10 (15)0115 (2)	Natings (3)	v alue

SHORT-TERM INVESTMENTS -0.4% (0.4% of Total Investments)

MUNICIPAL BONDS – 0.4% (0.4% of Total Investments)

	Health Care – 0.4% (0.4% of Total Investments	s)			
	California Statewide Community Development				
	Authority, Revenue Bonds, Daughters of				
\$ 880	Charity	No Opt. Call	N/R	\$	882,174
	Health System, Series 2014A, 6.000%, 7/10/15				
	(5)				
	California Statewide Community Development				
	Authority, Revenue Bonds, Daughters of				
100	Charity	No Opt. Call	N/R		100,247
	Health System, Series 2014B, 6.000%, 7/10/15				
	(5)				
	California Statewide Community Development				
	Authority, Revenue Bonds, Daughters of				
130	Charity	No Opt. Call N/R			130,321
	Health System, Series 2014C, 6.000%, 7/10/15				
	(5)				
	Total Short-Term Investments (cost				
\$ 1,110	\$1,110,000)				1,112,742
	Total Investments (cost \$242,436,000) –				
	100.8%			268	8,780,488
	Floating Rate Obligations – $(1.7)\%$,490,000)
	Other Assets Less Liabilities – 0.9%			2	2,452,935
	Net Assets Applicable to Common Shares –				
	100%			\$ 260	6,743,423

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 risk 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	\$ 3	\$267,667,746	\$ —	\$267,667,746
Short-Term Investments:				
Municipal Bonds	_		1,112,742	1,112,742
Total	\$ — 3	\$267,667,746	\$1,112,742	\$268,780,488

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 May 31, 2015, the cost of investments was \$238,001,052.

Gross unrealized appreciation and gross unrealized depreciation of investments as of May 31, 2015, were as follows:

Gross unrealized:

Appreciation \$27,625,685 Depreciation (1,335,363)

Net unrealized appreciation (depreciation) of investments

\$26,290,322

- (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.
- (2) There
 - may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
 - Ratings: Using the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service,
- (3) Inc
 - ("Moody's") or Fitch, Inc. ("Fitch") rating. 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.
 - Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency
- (4) 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. Investment valued at fair value using methods determined in good faith by, or at the discretion of, the
- (5) Board.
 - For fair value measurement disclosure purposes, investment classified as Level 3.
- (ETM) Escrowed to maturity.
 - (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction.

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/ Kevin J. McCarthy

Kevin J. McCarthy

Vice President and Secretary

Date: July 30, 2015

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/ Gifford R. Zimmerman

Gifford R. Zimmerman

Chief Administrative Officer (principal executive officer)

Date: July 30, 2015

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

Stephen D. Foy

Vice President and Controller (principal financial officer)

Date: July 30, 2015