NUVEEN CALIFORNIA MUNICIPAL VALUE FUND INC Form N-Q July 28, 2017

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM N-O

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: February 28

Date of reporting period: May 31, 2017

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

NCA				
	lifornia Municipal Value Fund, Inc.			
	Investments May 31, 2017 (Unaudited)			
Principal	5 (1)	Optional Call	Ratings	* 7 1
Amount	Description (1)	Provisions (2)	(3)	Value
(000)	LONG TERM INVESTMENTS 04.50 (07.00 CT + 1	,		
	LONG-TERM INVESTMENTS – 94.5% (97.9% of Total			
	Investments)			
	MUNICIPAL BONDS – 94.5% (97.9% of Total Investments)			
	Consumer Staples – 6.2% (6.5% of Total Investments)			
\$ 3,000	California County Tobacco Securitization Agency, Tobacco	9/17 at 100 00	CCC	\$2,999,790
\$ 3,000	Settlement Asset-Backed Bonds, Gold Country Settlement Funding Corporation, Refunding Series 2006, 5.250%, 6/01/46	8/1/ at 100.00	CCC	\$2,999,790
	California County Tobacco Securitization Agency, Tobacco			
2,000	Settlement Asset-Backed Bonds, Los Angeles County	12/18 at 100.00)B2	2,036,640
2,000	Securitization Corporation, Series 2006A, 5.650%, 6/01/41	12/18 at 100.00)D2	2,030,040
	California County Tobacco Securitization Agency, Tobacco			
130	Settlement Asset-Backed Bonds, Sonoma County Tobacco	8/17 at 100.00	RRR+	130,030
130	Securitization Corporation, Series 2005, 4.250%, 6/01/21	0/1/ dt 100.00	DDD I	130,030
	Golden State Tobacco Securitization Corporation, California,			
3,570	Tobacco Settlement Asset-Backed Bonds, Senior Convertible	6/22 at 100.00	В	3,634,082
2,273	Series 2007A-2, 5.300%, 6/01/37	0, 22 a 0 100.00	_	2,02 .,002
	Golden State Tobacco Securitization Corporation, California,			
	Tobacco Settlement Asset-Backed Bonds, Series 2007A-1:			
2,590	5.000%, 6/01/33	6/17 at 100.00	B+	2,602,691
175	5.125%, 6/01/47	6/17 at 100.00	B-	174,991
2,210	5.750%, 6/01/47	6/17 at 100.00	B3	2,226,354
	Silicon Valley Tobacco Securitization Authority, California,			
2 905	Tobacco Settlement Asset-Backed Bonds, Santa Clara County	6/17 at 26 07	NI/D	001 040
3,895	Tobacco Securitization Corporation, Series 2007A, 0.000%,	6/17 at 26.07	N/R	881,049
	6/01/41			
3,500	Tobacco Securitization Authority of Northern California, Tobacco	8/17 at 100.00	R	3,491,075
3,300	Settlement Asset-Backed Bonds, Series 2005A-1, 5.500%, 6/01/45	6/1/ at 100.00	D-	3,491,073
21,070	Total Consumer Staples			18,176,702
	Education and Civic Organizations – 1.2% (1.3% of Total			
	Investments)			
	California Municipal Finance Authority, Charter School Revenue			
450	Bonds, Rocketship Education-Multiple Projects, Series 2014A,	6/22 at 102.00	N/R	512,501
	7.250%, 6/01/43			
	California School Finance Authority, School Facility Revenue			
185	Bonds, Alliance for College-Ready Public Schools Project, Series	7/25 at 100.00	BBB	198,666
	2016A, 144A, 5.000%, 7/01/46			
1.165	California School Finance Authority, School Facility Revenue	7/05 : 101 00	DDD	1.070.000
1,165	Bonds, Alliance for College-Ready Public Schools Project, Series	7/25 at 101.00	RRR	1,270,269
	2016C, 5.250%, 7/01/52			
690	California State University, Systemwide Revenue Bonds, Series	5/26 at 100.00	Aa2	733,615
	2016A, 4.000%, 11/01/38			

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	California Statewide Communities Development Authority, School			
700	Facility Revenue Bonds, Alliance College-Ready Public Schools,	7/21 at 100.00 BBB-	792,253	
	Series 2011A, 7.000%, 7/01/46			
3,190	Total Education and Civic Organizations		3,507,304	
	Health Care – 9.5% (9.9% of Total Investments)			
	California Health Facilities Financing Authority, California,			
285	Revenue Bonds, Sutter Health, Refunding Series 2015A, 5.000%,	8/25 at 100.00 AA-	323,734	
	8/15/43			
	California Health Facilities Financing Authority, California,			
4,220	Revenue Bonds, Sutter Health, Refunding Series 2016B, 5.000%,	11/26 at 100.00 AA-	4,839,201	
	11/15/46			

Principal		Ontional Call	Dotings	
Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Health Care (continued)			
\$ 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	\$624,125
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-	403,722
690	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2014B, 5.000%, 10/01/44 California Health Facilities Financing Authority, Revenue Bonds, Rady Children's Hospital - San Diego, Series 2011:	10/24 at 100.00	AA-	774,415
560	5.000%, 8/15/31	8/21 at 100.00	AA	627,424
670	5.250%, 8/15/41	8/21 at 100.00		737,462
1,000	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2011B, 144A, 6.000%, 8/15/42	8/20 at 100.00	AA-	1,145,040
100	California Municipal Finance Authority, Revenue Bonds, Eisenhower Medical Center, Series 2017A, 5.000%, 7/01/42 (WI/DD, Settling 7/06/17)	7/27 at 100.00	BBB	113,452
400	California Municipal Finance Authority, Revenue Bonds, NorthBay Healthcare Group, Series 2017A, 5.250%, 11/01/47 California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical	11/26 at 100.00	BBB-	450,516
	Center, Series 2016A, 144A:			
2,390	5.000%, 12/01/46	6/26 at 100.00		2,583,781
2,625	5.250%, 12/01/56	6/26 at 100.00	BB+	2,870,542
2,625	California Statewide Communities Development Authority, Revenue Bonds, Kaiser Permanente, Series 2012A, 5.000%, 4/01/42	4/22 at 100.00	AA-	2,928,266
	California Statewide Community Development Authority, Health			
1,000	Facility Revenue Bonds, Catholic Healthcare West, Series 2008C, 5.625%, 7/01/35	7/18 at 100.00	A	1,049,370
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-	3,025,688
2,900	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010, 6.000%, 11/01/41	11/20 at 100.00	BBB-	3,164,973
1,750	San Buenaventura, California, Revenue Bonds, Community	12/21 at 100.00	BB+	2,059,838
24,830	Memorial Health System, Series 2011, 7.500%, 12/01/41 Total Health Care			27,721,549
24,030	Housing/Multifamily – 2.0% (2.0% of Total Investments)			21,121,349
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	1,090,070
1,060	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2012A, 5.500%, 8/15/47 California Municipal Finance Authority, Mobile Home Park Senior Revenue Bonds, Caritas Affordable Housing, Inc. Projects, Series 2014A:	8/22 at 100.00	BBB	1,174,925

65 175	5.250%, 8/15/39 5.250%, 8/15/49	8/24 at 100.00 8/24 at 100.00		72,004 192,687
	California Statewide Community Development Authority,			
2,215	Multifamily Housing Revenue Bonds, Harbor City Lights, Series	7/17 at 100.00	N/R	2,217,437
	1999Y, 6.650%, 7/01/39 (Alternative Minimum Tax)			
	San Dimas Housing Authority, California, Mobile Home Park			
980	Revenue Bonds, Charter Oak Mobile Home Estates Acquisition	7/17 at 100.00	N/R	981,588
	Project, Series 1998A, 5.700%, 7/01/28			
5,495	Total Housing/Multifamily			5,728,711

Principal		Optional Call	Ratings	
Amount (000)	Description (1)	Provisions (2)	(3)	Value
	Long-Term Care - 1.5% (1.5% of Total Investments)			
	ABAG Finance Authority for Non-Profit Corporations, California,			\$
\$ 4,000	Health Facility Revenue Bonds, The Institute on Aging, Series	8/18 at 100.00	AA-	4,236,120
	2008A, 5.650%, 8/15/38			.,200,120
	Tax Obligation/General – 22.0% (22.8% of Total Investments)			
1,000	California State, General Obligation Bonds, Refunding Various	2/23 at 100.00	AA-	1,167,760
	Purpose Series 2013, 5.000%, 2/01/29 California State, General Obligation Bonds, Various Purpose			
1,000	California State, General Obligation Bonds, Various Purpose Refunding Series 2014, 5.000%, 8/01/31	8/24 at 100.00	AA-	1,184,680
	California State, General Obligation Bonds, Various Purpose			
3,000	Refunding Series 2015, 5.000%, 8/01/34	8/25 at 100.00	AA-	3,536,250
	California State, General Obligation Bonds, Various Purpose			
	Series 2009:			
2,500	6.000%, 4/01/38	4/19 at 100.00	AA-	2,732,850
1,000	6.000%, 11/01/39	11/19 at 100.00	AA-	1,120,220
2,000	California State, General Obligation Bonds, Various Purpose	3/20 at 100.00	Λ Λ	2,223,860
2,000	Series 2010, 5.500%, 3/01/40	3/20 at 100.00	AA-	2,223,600
	California State, General Obligation Bonds, Various Purpose			
	Series 2013:			
2,500	5.000%, 4/01/37	4/23 at 100.00		2,860,550
2,500	5.000%, 2/01/43	2/23 at 100.00		2,835,300
2,240	5.000%, 11/01/43 California State, Canaral Obligation Bands, Various Purmasa	11/23 at 100.00	AA-	2,577,210
	California State, General Obligation Bonds, Various Purpose Series 2014:			
5,000	5.000%, 5/01/32	5/24 at 100.00	ΔΔ_	5,872,600
1,970	5.000%, 10/01/39	10/24 at 100.00		2,288,037
1,570	Oceanside Unified School District, San Diego County, California,	10/2 : 41 100.00		2,200,037
290	General Obligation Bonds, Election 2008 Series 2010B, 0.000%,	8/20 at 13.60	AA	36,966
	8/01/49 – AGM Insured			,
	Poway Unified School District, San Diego County, California,			
10,000	General Obligation Bonds, School Facilities Improvement District	No Opt. Call	AA-	3,000,700
	2007-1, Series 2011A, 0.000%, 8/01/46			
2,000	Puerto Rico, General Obligation Bonds, Public Improvement	No Opt. Call	AA-	2,173,220
2,000	Series 2002A, 5.500%, 7/01/20 – NPFG Insured	rio opt. cun	1111	2,173,220
6.000	Rio Hondo Community College District, California, General	0/04 - 100 00		6 0 0 6 5 00
6,000	Obligation Bonds, Election of 2004, Series 2010C, 0.000%,	8/34 at 100.00	AA	6,026,700
	8/01/42 (4) Son Motor Union High School Dictrict Son Motor County			
11,875	San Mateo Union High School District, San Mateo County, California, General Obligation Bonds, Election 2010 Series	9/36 at 100.00	A 00	9,825,969
11,673	2011A, 0.000%, 9/01/41 (4)	9/30 at 100.00	Aaa	9,023,909
	Yosemite Community College District, California, General			
20,860	Obligation Bonds, Capital Appreciation, Election 2004, Series	No Opt. Call	Aa2	14,385,473
20,000	2010D, 0.000%, 8/01/42 (4)	The optional	11012	1 .,000, . , 0
75,735	Total Tax Obligation/General			63,848,345
,	Tax Obligation/Limited – 15.7% (16.3% of Total Investments)			, , ,
1,000	Artesia Redevelopment Agency, California, Tax Allocation	8/17 at 100.00	BBB+	1,001,650
	Revenue Bonds, Artesia Redevelopment Project Area, Series			

Edgar Filing: NUVEEN CALIFORNIA MUNICIPAL VALUE FUND INC - Form N-Q 2007, 5.375%, 6/01/27 Bell Community Redevelopment Agency, California, Tax Allocation Bonds, Bell Project Area, Series 2003: 5.500%, 10/01/23 - RAAI Insured 3,000 8/17 at 100.00 AA 3,009,150 1,000 5.625%, 10/01/33 - RAAI Insured 8/17 at 100.00 AA 1,002,170 California State Public Works Board, Lease Revenue Bonds, 1,500 Department of Corrections & Rehabilitation, Various Correctional 9/23 at 100.00 A+ 1,785,030 Facilities Series 2013F, 5.250%, 9/01/33

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)	Tax Obligation/Limited (continued)			
	California State Public Works Board, Lease Revenue Bonds,			
\$ 1,250	Department of Corrections & Rehabilitation, Various Correctional	9/24 at 100.00	A+	\$1,438,100
	Facilities Series 2014A, 5.000%, 9/01/39			
3,000	California State Public Works Board, Lease Revenue Bonds,	11/22 at	A+	3,428,310
3,000	Various Capital Projects, Series 2012G, 5.000%, 11/01/37	100.00	Ат	3,420,310
	Chino Redevelopment Agency, California, Merged Chino			
1,005	Redevelopment Project Area Tax Allocation Bonds, Series 2006,	9/17 at 100.00	A	1,013,181
	5.000%, 9/01/38 – AMBAC Insured			
1 000	Folsom Public Financing Authority, California, Special Tax	0.44 - 100.00	NID	1.006.050
1,000	Revenue Bonds, Refunding Series 2007A, 5.000%, 9/01/23 –	9/17 at 100.00	N/R	1,006,850
	AMBAC Insured			
750	Fontana Redevelopment Agency, San Bernardino County, California, Tax Allocation Bonds, Jurupa Hills Redevelopment	10/17 at	٨	760 969
730	Project, Refunding Series 1997A, 5.500%, 10/01/27	100.00	A	760,868
	Lancaster Redevelopment Agency, California, Tax Allocation			
750	Bonds, Combined Redevelopment Project Areas Housing Programs,	8/19 at 100 00	BBB	831,593
750	Series 2009, 6.000%, 8/01/24	0,17 at 100.00	БББ	031,373
	Los Angeles County Metropolitan Transportation Authority,			
3,000	California, Measure R Sales Tax Revenue Bonds, Senior Series	6/26 at 100.00	AAA	3,550,680
,	2016A, 5.000%, 6/01/38			, ,
	Los Angeles County Metropolitan Transportation Authority,			
1,150	California, Proposition C Sales Tax Revenue Bonds, Senior Lien	7/27 at 100.00	AA+	1,376,481
	Series 2017A, 5.000%, 7/01/39			
	Los Angeles County Public Works Financing Authority, California,			
3,520	Lease Revenue Bonds, Multiple Capital Facilities Project II, Series	8/22 at 100.00	AA	3,971,862
	2012, 5.000%, 8/01/42			
250	National City Community Development Commission, California,	0/01 - 100 00		445 420
370	Tax Allocation Bonds, National City Redevelopment Project, Series	8/21 at 100.00	Α	445,439
	2011, 6.500%, 8/01/24			
140	Novato Redevelopment Agency, California, Tax Allocation Bonds,	9/21 at 100.00	DDD 1	165,329
140	Hamilton Field Redevelopment Project, Series 2011, 6.750%, 9/01/40	9/21 at 100.00	ррр∓	105,529
	Patterson Public Finance Authority, California, Revenue Bonds,			
160	Community Facilities District 2001-1, Subordinate Lien Series	9/23 at 100.00	N/R	175,909
100	2013B, 5.875%, 9/01/39	3723 at 100.00	1 1/1	170,505
	Patterson Public Financing Authority, California, Revenue Bonds,			
	Community Facilities District 2001-1, Senior Series 2013A:			
945	5.250%, 9/01/30	9/23 at 100.00	N/R	1,030,598
860	5.750%, 9/01/39	9/23 at 100.00	N/R	938,630
	Riverside County Redevelopment Agency, California, Tax	10/21 at		
80	Allocation Bonds, Jurupa Valley Project Area, Series 2011B,	100.00	A	95,419
	6.500%, 10/01/25	100.00		
2,000	Roseville, California, Special Tax Bonds, Community Facilities	9/17 at 100.00	N/R	2,008,640
	District 1 Fiddyment Ranch, Series 2005, 5.050%, 9/01/30			
50	San Clemente, California, Special Tax Revenue Bonds, Community	9/25 at 100.00	N/R	54,620
	Facilities District 2006-1 Marblehead Coastal, Series 2015, 5.000%,			

Edgar Filing: NUVEEN CALIFORNIA MUNICIPAL VALUE FUND INC - Form N-Q 9/01/40 San Diego County Regional Transportation Commission, California, 1,000 Sales Tax Revenue Bonds, Refunding Series 2012A, 5.000%, 4/22 at 100.00 AAA 1,142,000 4/01/42 San Francisco City and County Redevelopment Agency Successor Agency, California, Special Tax Bonds, Community Facilities 170 8/24 at 100.00 N/R 184,460 District 7, Hunters Point Shipyard Phase One Improvements, Refunding Series 2014, 5.000%, 8/01/39 San Francisco City and County Redevelopment Agency Successor Agency, California, Tax Allocation Bonds, Mission Bay North 5,000 8/26 at 100.00 AA-5,761,400 Redevelopment Project, Refunding Series 2016A, 5.000%, 8/01/41 NPFG Insured San Jose Financing Authority, California, Lease Revenue Refunding Bonds, Convention Center Project, Series 2001F, 5.000%, 9/01/20 -9/17 at 100.00 AA 2,750 2,759,652 NPFG Insured San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Area Redevelopment Project, Refunding Series 2006D, 780 8/17 at 100.00 A+ 785,273 5.000%, 8/01/23 - AMBAC Insured

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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)	Tax Obligation/Limited (continued)			
	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-	\$402,720
590	5.000%, 8/01/25 - NPFG Insured	8/17 at 100.00	AA-	593,988
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	126,460
1,295	Tehachapi Redevelopment Agency, California, Tax Allocation Bonds, Series 2007, 5.250%, 12/01/37 – RAAI Insured	12/17 at 100.00	AA	1,306,901
100	Temecula Public Financing Authority, California, Special Tax Bonds, Community Facilities District 16-01, Series 2017, 144A, 5.750%, 9/01/32	9/27 at 100.00	N/R	103,353
	Virgin Islands Public Finance Authority, Matching Fund Loan			
1,000	Notes Revenue Bonds, Series 2012A, 5.000%, 10/01/32 – AGM	10/22 at 100.00	AA	1,059,870
,	Insured			, ,
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	9/17 at 100.00	N/R	486,198
	West Contra Costa Healthcare District, California, Certificates of			
1,730	Participation, Series 2004, 5.375%, 7/01/21 – AMBAC Insured	8/17 at 100.00	N/R	1,741,280
	Yorba Linda Redevelopment Agency, Orange County, California,			
190	Tax Allocation Revenue Bonds, Yorba Linda Redevelopment	9/21 at 100.00	A-	224,407
	Project, Subordinate Lien Series 2011A, 6.500%, 9/01/32			
42,130	Total Tax Obligation/Limited			45,768,471
	Transportation – 13.3% (13.7% of Total Investments)			
	Foothill/Eastern Transportation Corridor Agency, California, Toll			
1,820	Road Revenue Bonds, Refunding Junior Lien Series 2013C,	1/24 at 100.00	BB+	2,187,203
	6.500%, 1/15/43			
	Foothill/Eastern Transportation Corridor Agency, California, Toll			
1.045	Road Revenue Bonds, Refunding Series 2013A:	1/04 / 100 00		2 102 204
1,945	5.000%, 1/15/42 – AGM Insured	1/24 at 100.00		2,183,204
4,010	5.750%, 1/15/46	1/24 at 100.00		4,630,467
4,010	6.000%, 1/15/53	1/24 at 100.00	ввв-	4,628,021
5 665	Los Angeles Department of Airports, California, Revenue Bonds,	5/25 at 100 00	A A	6 410 110
5,665	Los Angeles International Airport, Senior Lien Series 2015D, 5.000%, 5/15/41 (Alternative Minimum Tax)	5/25 at 100.00	AA	6,410,118
	Los Angeles Harbors Department, California, Revenue Bonds,			
3,000	Series 2014C, 5.000%, 8/01/44	8/24 at 100.00	AA	3,434,130
	Palm Springs Financing Authority, California, Palm Springs			
175	International Airport Revenue Bonds, Series 2006, 5.550%,	8/17 at 100.00	N/R	175,159
173	7/01/28 (Alternative Minimum Tax)	0/1/ at 100.00	11/10	173,137
1,210	Port of Oakland, California, Revenue Bonds, Refunding Series 2012P, 5.000%, 5/01/29 (Alternative Minimum Tax)	5/22 at 100.00	A+	1,366,259
	San Francisco Airports Commission, California, Revenue Bonds,			
11,750	San Francisco International Airport, Second Governmental	5/26 at 100.00	A+	13,566,433
,,,,,,	Purpose Series 2016C, 5.000%, 5/01/46	at 100.00		-2,200,100
33,585	Total Transportation			38,580,994
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	U.S. Guaranteed – 14.3% (14.8% of Total Investments) (5) California State Public Works Board, Lease Revenue Bonds,			
1,000	Various Capital Projects, Series 2009G-1, 5.750%, 10/01/30	10/19 at 100.00 A+ (5)	1,112,210	
	(Pre-refunded 10/01/19) California State Public Works Board, Lease Revenue Bonds,			
2,000	Various Capital Projects, Series 2009-I, 6.375%, 11/01/34 (Pre-refunded 11/01/19)	11/19 at 100.00 Aaa	2,261,840	

Principal				
Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)	U.S. Guaranteed (5) (continued)			
	California Statewide Communities Development Authority,			
\$ 1,000	Revenue Bonds, ValleyCare Health System, Series 2007A,	7/17 at 100.00	AA+(5)\$1,005,210
	5.125%, 7/15/31 (Pre-refunded 7/15/17)			
• • • • •	California Statewide Community Development Authority, Health			2 044 #00
3,000	Facility Revenue Bonds, Catholic Healthcare West, Insured Series	7/17 at 100.00	AA (5)	3,011,580
	2008K, 5.500%, 7/01/41 — AGC Insured (Pre-refunded 7/01/17)			
1,530	Contra Costa County, California, GNMA Mortgage-Backed Securities Program Home Mortgage Revenue Bonds, Series 1988,	No Opt Call	Aaa	1,726,896
1,330	8.250%, 6/01/21 (Alternative Minimum Tax) (ETM)	No Opt. Can	Aaa	1,720,690
	Irvine Unified School District Financing Authority, Orange			
	County, California, Special Tax Bonds, Group II, Series 2006A:			
90	5.000%, 9/01/26 (Pre-refunded 9/01/17)	9/17 at 100.00	N/R (5)	94,667
210	5.125%, 9/01/36 (Pre-refunded 9/01/17)	9/17 at 100.00		
	Loma Linda, California, Hospital Revenue Bonds, Loma Linda			
1,525	University Medical Center, Series 2008A, 8.250%, 12/01/38	12/17 at 100.00) BB (5)	1,581,151
	(Pre-refunded 12/01/17)			
.	Los Angeles Department of Water and Power, California,			
5,000	Waterworks Revenue Bonds, Series 2007A-2, 5.000%, 7/01/44 –	7/17 at 100.00	AA+ (5)5,017,400
	AMBAC Insured (Pre-refunded 7/01/17) Modern Immedian District Colifornia, Woter Payanya Banda			
	Madera Irrigation District. California, Water Revenue Bonds, Refunding Series 2008:			
1,850	5.500%, 1/01/33 (Pre-refunded 1/01/18)	1/18 at 100.00	A (5)	1,900,486
3,000	5.500%, 1/01/38 (Pre-refunded 1/01/18)	1/18 at 100.00		3,081,870
- ,	Oceanside Unified School District, San Diego County, California,		(-)	-,,
5,710	General Obligation Bonds, Election 2008 Series 2010B, 0.000%,	8/20 at 13.60	AA (5)	749,666
	8/01/49 – AGM Insured (Pre-refunded 8/01/20)			
	Palomar Pomerado Health Care District, California, Certificates of			
2,940	Participation, Series 2009, 6.750%, 11/01/39 (Pre-refunded	11/19 at 100.00) Ba1 (5)	3,350,453
	11/01/19)			
1 120	Pittsburg Redevelopment Agency, California, Tax Allocation	0/10 -4 100 00	N/D (5)	1 210 771
1,130	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/K (5)	1,210,671
	Rancho Santa Fe CSD Financing Authority, California, Revenue			
440	Bonds, Superior Lien Series 2011A, 5.750%, 9/01/30	9/21 at 100.00	A- (5)	524,845
	(Pre-refunded 9/01/21)	7/21 at 100.00	11 (5)	521,015
	San Bernardino County, California, GNMA Mortgage-Backed			
11 605	Securities Program Single Family Home Mortgage Revenue	No Ont Call	A 00	0 257 015
11,685	Bonds, Series 1988A, 0.000%, 9/01/21 (Alternative Minimum	No Opt. Call	Aaa	9,357,815
	Tax) (ETM)			
	San Francisco Redevelopment Finance Authority, California, Tax			
65	Allocation Revenue Bonds, Mission Bay North Redevelopment	2/21 at 100.00	A- (5)	78,417
	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:			
65	7.000%, 8/01/33 (Pre-refunded 2/01/21)	2/21 at 100.00		78,974
		100.00		,

			BBB+ (5)	
80	7.000%, 8/01/41 (Pre-refunded 2/01/21)	2/21 at 100.00	BBB+ (5)	97,198
	San Mateo Union High School District, San Mateo County,			
625	California, Certificates of Participation, Phase 1, Series 2007A,	12/17 at 100.00	N/R (5)	639,300
	5.000%, 12/15/30 – AMBAC Insured (Pre-refunded 12/15/17)			
	Santa Clara County Financing Authority, California, Insured			
3,000	Revenue Bonds, El Camino Hospital, Series 2007A, 5.750%,	8/17 at 100.00	A+(5)	3,024,960
	2/01/41 – AMBAC Insured (Pre-refunded 8/01/17)			
	Tahoe Forest Hospital District, Placer and Nevada Counties,			
1,320	California, General Obligation Bonds, Election 2007 Series 2010B.	8/18 at 100.00	Aa3 (5)	1,393,181
	5.500%, 8/01/35 (Pre-refunded 8/01/18)			
47,265	Total U.S. Guaranteed			41,520,006

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	S Value		
()	Utilities – 3.5% (3.6% of Total Investments)					
	California Statewide Communities Development Authority,					
\$ 1,860	Certificates of Participation, Rio Bravo Fresno Project,	6/17 at 100.00	N/R	\$1,859,833		
	Refunding Series 1999A, 6.500%, 12/01/18					
1,800	Long Beach Bond Finance Authority, California, Natural Gas	No Opt. Call	A	2,332,008		
-,	Purchase Revenue Bonds, Series 2007A, 5.500%, 11/15/37	- · · · · · · · · · · · · · · · · · · ·		_,= _,= =,= =		
1,000	Los Angeles Department of Water and Power, California,	1/26 at 100.00	Aa2	1,170,130		
	Power System Revenue Bonds, Series 2016A, 5.000%, 7/01/40					
420	Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2016B, 5.000%, 7/01/37	1/26 at 100.00	Aa2	493,559		
	Los Angeles Department of Water and Power, California,					
3,605	Power System Revenue Bonds, Series 2017A, 5.000%, 7/01/47	1/27 at 100.00	Aa2	4,247,591		
8,685	Total Utilities			10,103,121		
-,	Water and Sewer – 5.3% (5.5% of Total Investments)			,,		
	California Pollution Control Financing Authority, Water					
	Furnishing Revenue Bonds, Poseidon Resources Channelside					
	LP Desalination Project, Series 2012, 144A:					
1,375	5.000%, 7/01/37 (Alternative Minimum Tax)	7/22 at 100.00	Baa3	1,473,216		
2,675	5.000%, 11/21/45 (Alternative Minimum Tax)	7/22 at 100.00	Baa3	2,864,550		
	Irvine Ranch Water District, California, Certificates of					
2,000	Participation, Irvine Ranch Water District Series 2016, 5.000%,	9/26 at 100.00	AAA	2,368,820		
	3/01/41					
	San Diego Public Facilities Financing Authority, California,					
	Water Utility Revenue Bonds, Refunding Subordinate Lien Series 2016B:					
2,000	5.000%, 8/01/30	8/26 at 100.00	Aa3	2,444,420		
2,335	5.000%, 8/01/32	8/26 at 100.00	Aa3	2,818,999		
3,000	5.000%, 8/01/37	8/26 at 100.00	Aa3	3,559,560		
13,385	Total Water and Sewer	0,20 00 100.00	1 100	15,529,565		
\$ 279,370	Total Long-Term Investments (cost \$247,151,888)			274,720,888		
, ,				, ,		
Principal		Ontional Call	Datings			
Amount	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value		
(000)		1 10 visions (2)	(3)			
	SHORT-TERM INVESTMENTS - 2.1% (2.1% of Total					
	Investments)					
	MUNICIPAL BONDS – 2.1% (2.1% of Total Investments)					
	Health Care – 2.1% (2.1% of Total Investments)					
¢ 6 000	California Health Facilities Financing Authority, Revenue	0/17 -4 100 00	Λ 1	¢ 6 000 000		
\$ 6,000	Bonds, Catholic Healthcare West, Series 2011C, Variable Rate	6/1/ at 100.00	A-1	\$ 6,000,000		
\$ 6,000	Demand Obligations, 0.750%, 3/01/47 (6) Total Short-Term Investments (cost \$6,000,000)			6,000,000		
Ψ 0,000	Total Investments (cost \$253,151,888) - 96.6%			280,720,888		
	Other Assets Less Liabilities – 3.4%			9,820,727		
				\$		
	Net Asset Applicable to Common Shares – 100%			290,541,615		
Fair Value N	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 \$ — \$274,720,888\$ — \$274,720,888

Short-Term Investments:

Municipal Bonds — 6,000,000 — 6,000,000 Total \$ — \$280,720,888 — \$280,720,888

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, 2017, the cost of investments was \$253,134,895.

Gross unrealized appreciation and gross unrealized depreciation of investments as of May 31, 2017, were as follows: Gross unrealized:

Appreciation \$28,757,135 Depreciation (1,171,142)

Net unrealized appreciation (depreciation) of investments \$27,585,993

- (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.
 - 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
- (3) 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.

 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.

 Investment has a maturity of greater than one year, but has variable rate and/or demand features which
- qualify it as a short-term investment. The rate disclosed is that in effect as of the end of the reporting period. This rate changes periodically based on market conditions or a specified market index.
- (ETM) Escrowed to maturity.

Investment is exempt from registration under Rule 144A of the Securities Act of 1933, as amended. These investments may only be resold in transactions exempt from registration, which are normally those transactions with qualified institutional buyers.

(WI/DD) Investment, or portion of investment, purchased on a when-issued or delayed delivery basis.

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: July 28, 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: July 28, 2017

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

Stephen D. Foy

Vice President and Controller (principal financial

officer)

Date: July 28, 2017