NUVEEN CALIFORNIA MUNICIPAL VALUE FUND INC Form N-Q July 30, 2018

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-05235

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, 2018

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

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

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

Item 1. Schedule of Investments

NCA				
	ifornia Municipal Value Fund, Inc.			
	Investments as of May 31, 2018			
(Unaudited)	, , , , , , , , , , , , , , , , , , ,			
Principal				
Amount	Description (1)	Optional Call	Ratings	Value
(000)	F (-)	Provisions (2)	(3)	
(000)	LONG-TERM INVESTMENTS – 94.3% (93.9% of Total			
	Investments)			
	MUNICIPAL BONDS – 94.3% (93.9% of Total Investments)			
	Consumer Staples – 5.5% (5.5% of Total Investments)			
	California County Tobacco Securitization Agency, Tobacco			
\$ 3,000	Settlement Asset-Backed Bonds, Gold Country Settlement Funding	8/18 at 100.00	CCC	\$2,999,940
. ,	Corporation, Refunding Series 2006, 5.250%, 6/01/46			. , ,
	California County Tobacco Securitization Agency, Tobacco			
2,000	Settlement Asset-Backed Bonds, Los Angeles County	12/18 at 100.00)B2	2,018,640
	Securitization Corporation, Series 2006A, 5.650%, 6/01/41			
	California County Tobacco Securitization Agency, Tobacco			
60	Settlement Asset-Backed Bonds, Sonoma County Tobacco	8/18 at 100.00	А	60,150
	Securitization Corporation, Series 2005, 4.250%, 6/01/21			
	Golden State Tobacco Securitization Corporation, California,			
3,570	Tobacco Settlement Asset-Backed Bonds, Senior Convertible	6/22 at 100.00	B3	3,674,601
	Series 2007A-2, 5.300%, 6/01/37			
	Golden State Tobacco Securitization Corporation, California,			
	Tobacco Settlement Asset-Backed Bonds, Series 2007A-1:			
2,485	5.000%, 6/01/33	7/18 at 100.00	B+	2,497,425
175	5.125%, 6/01/47	8/18 at 100.00	B-	175,005
	Silicon Valley Tobacco Securitization Authority, California,			
3,895	Tobacco Settlement Asset-Backed Bonds, Santa Clara County	8/18 at 100.00	N/P	1,074,631
5,675	Tobacco Securitization Corporation, Series 2007A, 0.000%,	0/10 at 100.00	11/1	1,074,031
	6/01/41			
3,500	Tobacco Securitization Authority of Northern California, Tobacco	8/18 at 100.00	B-	3,504,690
	Settlement Asset-Backed Bonds, Series 2005A-1, 5.500%, 6/01/45	0/10 u t 100.00	D	
18,685	Total Consumer Staples			16,005,082
	Education and Civic Organizations – 1.2% (1.2% 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	514,922
	7.250%, 6/01/43			
105	California School Finance Authority, School Facility Revenue	7/05 / 100.00	חחח	200 (04
185	Bonds, Alliance for College-Ready Public Schools Project, Series	7/25 at 100.00	RRR	200,684
	2016A, 5.000%, 7/01/46, 144A			
1 165	California School Finance Authority, School Facility Revenue	7/25 at 101 00	חחח	1 277 920
1,165	Bonds, Alliance for College-Ready Public Schools Project, Series	7/25 at 101.00	ввв	1,277,830
	2016C, 5.250%, 7/01/52 California State University, Systemwide Revenue Bonds, Series			
690	California State University, Systemwide Revenue Bonds, Series	5/26 at 100.00	Aa2	729,765
	2016A, 4.000%, 11/01/38 California Statewide Communities Development Authority, School			
700	Facility Revenue Bonds, Alliance College-Ready Public Schools,	7/21 at 100.00	RRR	765,044
/00	Series 2011A, 7.000%, 7/01/46	//21 at 100.00	-ממנ	705,044
	50100 201111, 1.000 /0, 1/01/10			

3,190	Total Education and Civic Organizations Health Care – 8.4% (8.3% of Total Investments)		3,488,245
	California Health Facilities Financing Authority, California,		
285	Revenue Bonds, Sutter Health, Refunding Series 2015A, 5.000%,	8/25 at 100.00 AA-	322,822
	8/15/43		
	California Health Facilities Financing Authority, California,		
1,950	Revenue Bonds, Sutter Health, Refunding Series 2016B, 5.000%,	11/26 at 100.00 AA-	2,239,068
	11/15/46		
1			

	n California Municipal Value Fund, Inc. (continued) lio of Investments as of May 31, 2018 lited)			
-				
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)	Health Care (continued)			
¢ 2 250	California Health Facilities Financing Authority, California,	11/07 / 100.00		¢0.702.607
\$ 2,350	Revenue Bonds, Sutter Health, Refunding Series 2017A, 5.000%, 11/15/48	11/27 at 100.00	AA-	\$2,723,627
	California Health Facilities Financing Authority, California,			
1,000	Revenue Bonds, Sutter Health, Refunding Series 2018A, 5.000%, 11/15/48	11/27 at 100.00	AA-	1,158,990
	California Health Facilities Financing Authority, Revenue Bonds,			
555	Lucile Salter Packard Children's Hospital, Series 2014A, 5.000%, 8/15/43	8/24 at 100.00	AA-	616,000
	California Health Facilities Financing Authority, Revenue Bonds,			
350	Providence Health & Services, Refunding Series 2014A, 5.000%, 10/01/38	10/24 at 100.00	AA-	399,126
690	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2014B, 5.000%, 10/01/44	10/24 at 100.00	AA-	771,047
	California Health Facilities Financing Authority, Revenue Bonds, Rady Children's Hospital - San Diego, Series 2011:			
560	· · · ·	8/21 at 100.00	A A	600 402
	5.000%, 8/15/31			609,403
670	5.250%, 8/15/41	8/21 at 100.00	AA	719,627
100	California Municipal Finance Authority, Revenue Bonds, Eisenhower Medical Center, Series 2017A, 5.000%, 7/01/42	7/27 at 100.00	Baa2	111,327
400	California Municipal Finance Authority, Revenue Bonds, NorthBay Healthcare Group, Series 2017A, 5.250%, 11/01/47	11/26 at 100.00	BBB-	440,488
	California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical			
	Center, Series 2016A:			
2,390	5.000%, 12/01/46, 144A	6/26 at 100.00	BB	2,555,484
2,625	5.250%, 12/01/56, 144A	6/26 at 100.00	BB+	2,847,547
	California Statewide Communities Development Authority,			
2,625	Revenue Bonds, Kaiser Permanente, Series 2012A, 5.000%, 4/01/42	4/22 at 100.00	AA-	2,865,896
	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	А	1,003,460
	California Statewide Community Development Authority,			
2,710	Revenue Bonds, Sherman Oaks Health System, Series 1998A, 5.000%, 8/01/22 – AMBAC Insured	No Opt. Call	AA-	2,899,348
1 750	San Buenaventura, California, Revenue Bonds, Community	10/01 -+ 100 00	חח	1 065 050
1,750	Memorial Health System, Series 2011, 7.500%, 12/01/41	12/21 at 100.00	RR	1,965,950
22,010	Total Health Care			24,249,210
	Housing/Multifamily -0.8% (0.8% of Total Investments)			
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	1,148,086

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+ 71,513 175 5.250%, 8/15/49 8/24 at 100.00 BBB+ 191,308 San Dimas Housing Authority, California, Mobile Home Park 915 Revenue Bonds, Charter Oak Mobile Home Estates Acquisition 7/18 at 100.00 N/R 916,354 Project, Series 1998A, 5.700%, 7/01/28 2,215 Total Housing/Multifamily 2,327,261 2

Principal Amount	Description (1)	Optional Call	Ratings	Value
(000)	-	Provisions (2)	(3)	value
	Tax Obligation/General – 21.8% (21.7% of Total Investments) California State, General Obligation Bonds, Refunding Various			
\$ 1,000	Purpose Series 2013, 5.000%, 2/01/29	2/23 at 100.00	AA-	\$1,128,980
1,000	California State, General Obligation Bonds, Various Purpose Refunding Series 2014, 5.000%, 8/01/31	8/24 at 100.00	AA-	1,156,050
	California State, General Obligation Bonds, Various Purpose			
3,000	Refunding Series 2015, 5.000%, 8/01/34	8/25 at 100.00	AA-	3,473,790
	California State, General Obligation Bonds, Various Purpose			
1 (15	Series 2009:	4/10 / 100.00		1 (70 004
1,615	6.000%, 4/01/38	4/19 at 100.00		1,672,284
1,000	6.000%, 11/01/39	11/19 at 100.00	AA-	1,060,290
2,000	California State, General Obligation Bonds, Various Purpose Series 2010, 5.500%, 3/01/40	3/20 at 100.00	AA-	2,125,560
	California State, General Obligation Bonds, Various Purpose			
	Series 2013:			
2,500	5.000%, 4/01/37	4/23 at 100.00		2,795,600
2,500	5.000%, 2/01/43	2/23 at 100.00		2,778,950
2,240	5.000%, 11/01/43	11/23 at 100.00) AA-	2,527,639
	California State, General Obligation Bonds, Various Purpose Series 2014:			
5,000	5.000%, 5/01/32	5/24 at 100.00	ΔΔ_	5,741,700
1,970	5.000%, 10/01/39	10/24 at 100.00		2,255,177
2,000	California State, General Obligation Bonds, Various Purpose Series 2018, 5.000%, 10/01/47	4/26 at 100.00		2,302,640
	Los Angeles Unified School District, Los Angeles County,			
4,000	California, General Obligation Bonds, Election 2008 Series	7/25 at 100.00	ΔΔΔ	4,594,360
1,000	2016A, 5.000%, 7/01/40	1125 at 100.00	1 11 11 1	1,591,500
	Oceanside Unified School District, San Diego County, California,			
290	General Obligation Bonds, Election 2008 Series 2010B, 0.000%,	8/20 at 13.60	AA	37,462
	8/01/49 – AGM Insured			
	San Francisco Bay Area Rapid Transit District, California,			
4,000	General Obligation Bonds, Election of 2016, Green Series	8/27 at 100.00	AAA	4,702,880
	2017A-1, 5.000%, 8/01/47			
	San Mateo Union High School District, San Mateo County,	0.10.0		10 100 001
11,875	California, General Obligation Bonds, Election 2010 Series	9/36 at 100.00	Aaa	10,422,331
	2011A, 0.000%, 9/01/41 (4)			
19,860	Yosemite Community College District, California, General	No Opt. Call	1.02	14 217 072
19,800	Obligation Bonds, Capital Appreciation, Election 2004, Series 2010D, 0.000%, 8/01/42 (4)	No Opt. Call	Aa2	14,217,973
65,850	Total Tax Obligation/General			62,993,666
00,000	Tax Obligation/Limited – 12.9% (12.8% of Total Investments)			02,999,000
	Artesia Redevelopment Agency, California, Tax Allocation			
1,000	Revenue Bonds, Artesia Redevelopment Project Area, Series	8/18 at 100.00	BBB+	1,000,160
	2007, 5.375%, 6/01/27			
	Bell Community Redevelopment Agency, California, Tax			
	Allocation Bonds, Bell Project Area, Series 2003:			
3,000	5.500%, 10/01/23 – RAAI Insured	8/18 at 100.00	AA	3,008,430

1,000	5.625%, 10/01/33 – RAAI Insured	8/18 at 100.00	AA	1,003,160
	California State Public Works Board, Lease Revenue Bonds,			
1,500	Department of Corrections & Rehabilitation, Various Correctional	9/23 at 100.00	A+	1,707,735
	Facilities Series 2013F, 5.250%, 9/01/33			
	California State Public Works Board, Lease Revenue Bonds,			
1,250	Department of Corrections & Rehabilitation, Various Correctional	9/24 at 100.00	A+	1,409,487
	Facilities Series 2014A, 5.000%, 9/01/39			
3				

	en California Municipal Value Fund, Inc. (continued) lio of Investments as of May 31, 2018 dited)			
Principal Amount	Description (1)	Optional Call Provisions (2)		Value
(000)		110 (1510115 (2)	(3)	
\$ 3,000	Tax Obligation/Limited (continued) California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2012G, 5.000%, 11/01/37 Chino Redevelopment Agency, California, Merged Chino	11/22 at 100.00	A+	\$3,321,720
1,005	Redevelopment Project Area Tax Allocation Bonds, Series 2006, 5.000%, 9/01/38 – AMBAC Insured	8/18 at 100.00	А	1,005,533
750	Fontana Redevelopment Agency, San Bernardino County, California, Tax Allocation Bonds, Jurupa Hills Redevelopment Project, Refunding Series 1997A, 5.500%, 10/01/27	No Opt. Call	А	759,270
3,000	Los Angeles County Metropolitan Transportation Authority, California, Measure R Sales Tax Revenue Bonds, Senior Series 2016A, 5.000%, 6/01/38	6/26 at 100.00	AAA	3,518,910
1,150	Los Angeles County Metropolitan Transportation Authority, California, Proposition C Sales Tax Revenue Bonds, Senior Lien Series 2017A, 5.000%, 7/01/39	7/27 at 100.00	AA+	1,347,467
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	8/22 at 100.00	AA	3,855,174
140	Novato Redevelopment Agency, California, Tax Allocation Bonds, Hamilton Field Redevelopment Project, Series 2011, 6.750%, 9/01/40	9/21 at 100.00	A-	157,850
155	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,	9/23 at 100.00	N/R	172,402
0.45	Community Facilities District 2001-1, Senior Series 2013A:	0/00 . 100.00	MO	1 0 4 0 1 5 0
945 860	5.250%, 9/01/30 5.750%, 9/01/39	9/23 at 100.00 9/23 at 100.00		1,040,152 951,452
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	А	91,106
3,400	Riverside County Transportation Commission, California, Sales Tax Revenue Bonds, Limited Tax Series 2017A, 5.000%, 6/01/38 Son Clamenta, California, Spacial Tax Payanua Bonda, Community,	6/27 at 100.00	AA+	4,035,528
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	54,625
1,000	San Diego County Regional Transportation Commission, California, Sales Tax Revenue Bonds, Refunding Series 2012A, 5.000%, 4/01/42	4/22 at 100.00	AAA	1,097,520
170	San Francisco City and County Redevelopment Agency Successor Agency, California, Special Tax Bonds, Community Facilities District 7, Hunters Point Shipyard Phase One Improvements,	8/24 at 100.00	N/R	185,089
5,000	Refunding Series 2014, 5.000%, 8/01/39	8/26 at 100.00	А	5,699,300

	San Francisco City and County Redevelopment Agency Successor Agency, California, Tax Allocation Bonds, Mission Bay North Redevelopment Project, Refunding Series 2016A, 5.000%, 8/01/41 NPFG Insured	_		
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	123,448
	Temecula Public Financing Authority, California, Special Tax			
100	Bonds, Community Facilities District 16-01, Series 2017, 5.750%,	9/27 at 100.00	N/R	100,631
	9/01/32, 144A			
1,000	Virgin Islands Public Finance Authority, Matching Fund Loan Notes Revenue Bonds, Series 2012A, 5.000%, 10/01/32 – AGM Insured		AA	1,081,760
	Vista Joint Powers Financing Authority, California, Special Tax			
375	Lease Revenue Refunding Bonds, Community Facilities District	9/18 at 100.00	N/R	375,480
	90-2, Series 1997A, 5.875%, 9/01/20			
33,560	Total Tax Obligation/Limited			37,103,389
4				

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
\$ 1,820	Transportation – 16.8% (16.8% of Total Investments) Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Refunding Junior Lien Series 2013C, 6.500%, 1/15/43 Foothill/Eastern Transportation Corridor Agency, California, Toll Boad Bayanya Bonda, Bofunding Series 2012 A:	1/24 at 100.00	Baa3	\$2,135,497
1,945	Road Revenue Bonds, Refunding Series 2013A: 5.000%, 1/15/42 – AGM Insured	1/24 at 100.00	AA	2,136,116
4,010	5.750%, 1/15/46	1/24 at 100.00		4,573,485
4,010	6.000%, 1/15/53	1/24 at 100.00	BBB-	4,665,394
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	6,329,221
3,000	Los Angeles Harbors Department, California, Revenue Bonds, Series 2014C, 5.000%, 8/01/44	8/24 at 100.00	AA	3,367,230
165	Palm Springs Financing Authority, California, Palm Springs International Airport Revenue Bonds, Series 2006, 5.550%, 7/01/28 (Alternative Minimum Tax)	8/18 at 100.00	N/R	164,112
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+	1,322,409
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+	13,491,233
9,000	San Francisco Airports Commission, California, Revenue Bonds, San Francisco International Airport, Second Series 2017B, 5.000%, 5/01/47	5/27 at 100.00	A+	10,458,810
42,575	Total Transportation U.S. Guaranteed – 11.5% (11.4% of Total Investments) (5)			48,643,507
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 (Pre-refunded 8/15/18)	8/18 at 100.00	AA-	4,034,600
1,000	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2011B, 6.000%, 8/15/42 (Pre-refunded 8/15/20)	8/20 at 100.00	AA-	1,093,910
985	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00	BBB	1,071,375
1,000	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2009G-1, 5.750%, 10/01/30 (Pre-refunded 10/01/19)	10/19 at 100.00	Aaa	1,055,800
2,000	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2009-I, 6.375%, 11/01/34 (Pre-refunded 11/01/19)	11/19 at 100.00	Aaa	2,135,620
885	California State, General Obligation Bonds, Various Purpose Series 2009, 6.000%, 4/01/38 (Pre-refunded 4/01/19)	4/19 at 100.00	AAA	918,409
1,175	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	1,269,024

	Golden State Tobacco Securitization Corporation, California,			
2,210	Tobacco Settlement Asset-Backed Bonds, Series 2007A-1,	7/18 at 100.00	B3	2,221,050
	5.750%, 6/01/47 (Pre-refunded 7/05/18)			
	Irvine Unified School District Financing Authority, Orange			
	County, California, Special Tax Bonds, Group II, Series 2006A:			
90	5.000%, 9/01/26 (Pre-refunded 9/01/18)	9/18 at 100.00	N/R	90,783
210	5.125%, 9/01/36 (Pre-refunded 9/01/18)	9/18 at 100.00	N/R	211,890
5				

	n California Municipal Value Fund, Inc. (continued) io of Investments as of May 31, 2018 lited)			
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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	U.S. Guaranteed (5) (continued)			
	Lancaster Redevelopment Agency, California, Tax Allocation			
\$ 750	Bonds, Combined Redevelopment Project Areas Housing	8/19 at 100.00	BBB	\$788,153
	Programs, Series 2009, 6.000%, 8/01/24 (Pre-refunded 8/01/19)			
	National City Community Development Commission, California,			
370	Tax Allocation Bonds, National City Redevelopment Project,	8/21 at 100.00	А	423,683
	Series 2011, 6.500%, 8/01/24 (Pre-refunded 8/01/21)			
	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	748,867
	8/01/49 (Pre-refunded 8/01/20) – AGM Insured			
	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)N/R	3,150,386
	11/01/19)			
	Palomar Pomerado Health Care District, California, Certificates of			
2,900	Participation, Series 2010, 6.000%, 11/01/41 (Pre-refunded	11/20 at 100.00	BBB-	3,199,512
	11/01/20)			
	Pittsburg Redevelopment Agency, California, Tax Allocation			
1,130	Bonds, Los Medanos Community Development Project, Refunding	9/18 at 100.00	N/R	1,143,763
	Series 2008A, 6.500%, 9/01/28 (Pre-refunded 9/01/18)			
	Rancho Santa Fe CSD Financing Authority, California, Revenue			
440	Bonds, Superior Lien Series 2011A, 5.750%, 9/01/30 (Pre-refunded	9/21 at 100.00	A-	495,070
	9/01/21)			
	San Bernardino County, California, GNMA Mortgage-Backed			
8,690	Securities Program Single Family Home Mortgage Revenue Bonds,	No Opt. Call	AA+	7,218,870
	Series 1988A, 0.000%, 9/01/21 (Alternative Minimum Tax) (ETM)			
~ -	San Francisco Redevelopment Finance Authority, California, Tax			
65	Allocation Revenue Bonds, Mission Bay North Redevelopment	2/21 at 100.00	A-	73,512
	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			
65	Project, Series 2011D: 7 000% - 8/01/22 (Pro refunded 2/01/21)	2/21 at 100.00		72 022
65 80	7.000%, 8/01/33 (Pre-refunded 2/01/21) 7.000%, 8/01/41 (Pre-refunded 2/01/21)	2/21 at 100.00		73,933
80		2/21 at 100.00	DDD+	90,994
1,320	Tahoe Forest Hospital District, Placer and Nevada Counties, California, General Obligation Bonds, Election 2007 Series 2010B,	8/18 at 100.00	1.2	1,328,857
1,320	5.500%, 8/01/35 (Pre-refunded 8/01/18)	0/10 at 100.00	AdJ	1,528,857
	Yorba Linda Redevelopment Agency, Orange County, California,			
	Tax Allocation Revenue Bonds, Yorba Linda Redevelopment			
190	Project, Subordinate Lien Series 2011A, 6.500%, 9/01/32	9/21 at 100.00	N/R	217,926
	(Pre-refunded 9/01/21)			
38,205	Total U.S. Guaranteed			33,055,987
50,205	Utilities -7.7% (7.7% of Total Investments)			55,055,707
1,715	California Statewide Communities Development Authority,	8/18 at 100.00	N/R	1,714,794
-,,	Certificates of Participation, Rio Bravo Fresno Project, Refunding			-,, - ,,, , , ,

Series 1999A, 6.500%, 12/01/18

1,800	Long Beach Bond Finance Authority, California, Natural Gas Purchase Revenue Bonds, Series 2007A, 5.500%, 11/15/37	No Opt. Call A	2,304,702
1,000	Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2016A, 5.000%, 7/01/40	1/26 at 100.00 AA	1,154,370
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 AA	487,641
3,605	Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2017A, 5.000%, 7/01/47	1/27 at 100.00 AA	4,190,885
6			

Principal Amount (000) Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Utilities (continued)			
\$ 10,520	Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2017C, 5.000%, 7/01/42	7/27 at 100.00	AA	\$ 12,390,877
19,060	Total Utilities			22,243,269
	Water and Sewer – 7.7% (7.7% 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), 144A	7/22 at 100.00	Baa3	1,470,452
2,675	5.000%, 11/21/45 (Alternative Minimum Tax), 144A	7/22 at 100.00	Baa3	2,853,315
1 150	Eastern Municipal Water District, California, Water and	7/26 / 100 00		1 226 207
1,150	Wastewater Revenue Bonds, Refunding Series 2016A, 5.000%, 7/01/45	7/26 at 100.00	AA+	1,326,307
	Irvine Ranch Water District, California, Certificates of			
2,000	Participation, Irvine Ranch Water District Series 2016,	9/26 at 100.00	AAA	2,323,340
	5.000%, 3/01/41			
7,000	Los Angeles Department of Water and Power, California,	1/21 at 100.00	AA+	8,029,000
- ,	Waterworks Revenue Bonds, Series 2016A, 5.000%, 7/01/46			-,,
	San Diego Public Facilities Financing Authority, California, Water Utility Revenue Bonds, Refunding Subordinate Lien			
	Series 2016B:			
2,335	5.000%, 8/01/32	8/26 at 100.00	Aa3	2,765,224
3,000	5.000%, 8/01/37	8/26 at 100.00	Aa3	3,502,110
19,535	Total Water and Sewer			22,269,748
\$ 264,885	Total Long-Term Investments (cost \$247,967,632)			272,379,364
Principal				
-	Description (1)	Optional Call	Ratings	Value
(000)		Provisions (2)	(3)	
	SHORT-TERM INVESTMENTS – 6.1% (6.1% of Total			
	Investments) MUNICIPAL BONDS – 6.1% (6.1% of Total Investments)			
	Health Care -4.7% (4.7% of Total Investments)			
	California Health Facilities Financing Authority, Revenue Bonds	,		
	Catholic Healthcare West, Variable Rate Demand Obligations,	8/18 at 100.00	A-1	\$4,000,000
	Series 2011C, 0.870%, 3/01/47 (6)			
	California Statewide Communities Development Authority,	9/19 - + 100 00	A 1.	4 (70 000
	Revenue Bonds, Kaiser Permanente, Variable Rate Demand Obligations, Series 2008A, 0.950%, 4/01/32 (6)	8/18 at 100.00	A-1+	4,670,000
	California Statewide Communities Development Authority,			
	Revenue Bonds, SWEEP Loan Program, Variable Rate Demand	0/18 at 100.00	A 1 .	5 000 000
5,000	Obligations, Variable Rate Demand Series 2007A, 0.930%,	9/18 at 100.00	A-1+	5,000,000
	8/01/35 (6)			
<i>,</i>	Total Health Care			13,670,000
	Water and Sewer – 1.4% (1.4% of Total Investments) Metropolitan Water District of Southern California, Water			
	Revenue Bonds, Variable Rate Demand Obligations, Refunding	8/18 at 100.00	A-1	4,000,000
	Variable Rate Demand Series 2016B-2, 0.450%, 7/01/37 (6)			

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\$ 17,670	Total Short-Term Investments (cost \$17,670,000) Total Investments (cost $$265,637,632$) - 100.4% Other Assets Less Liabilities - (0.4)%	17,670,000 290,049,364 (1,204,309)
7	Net Asset Applicable to Common Shares – 100%	\$ 288,845,055

NCANuveen California Municipal Value Fund, Inc. (continued)

Portfolio of Investments as of May 31, 2018

(Unaudited)

Fair Value Measurements

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

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

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

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

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

	Level	l Level 2	Level 3	Total
Long-Term Investments	:			
Municipal Bonds	\$ —	\$272,379,364	4\$ —	\$272,379,364
Short-Term Investments	•			

Short-Term Investments:			
Municipal Bonds	_	17,670,000 —	17,670,000
Total	\$ —	\$290,049,364\$ —	\$290,049,364

Income Tax Information

The following information is presented on an income tax basis. Differences between amounts for financial statement and federal income tax purposes are primarily due to timing differences in recognizing taxable market discount, timing differences in recognizing certain gains and losses on investment transactions and the treatment of investments in inverse floating rate securities reflected as financing transactions, if any. To the extent that differences arise that are permanent in nature, such amounts are reclassified within the capital accounts on the Statement of Assets and Liabilities presented in the annual report, based on their federal tax basis treatment; temporary differences do not require reclassification. Temporary and permanent differences do not impact the net asset value of the Fund. The table below presents the cost and unrealized appreciation (depreciation) of the Fund's investment portfolio, as determined on a federal income tax basis, as of May 31, 2018.

Tax cost of investments	\$265,682,350
Gross unrealized:	
Appreciation	\$ 24,587,184
Depreciation	(220,170)
Net unrealized appreciation (depreciation) of investments	\$ 24,367,014
8	

(1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.

Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There

- (2) may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
 For financial reporting purposes, the ratings disclosed are the highest of Standard & Poor's Group ("Standard &
- Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. This treatment of split-rated
 (3) securities may differ from that used for other purposes, such as for Fund investment policies. Ratings below
 BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade.
 Holdings designated N/R are not rated by any of these national rating agencies.
- (4) Step-up coupon bond, a bond with a coupon that increases ("steps up"), usually at regular intervals, while the bond is outstanding. The rate shown is the coupon as of the end of the reporting period.
- (5) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest.

Investment has 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, as well as the reference rate and spread, where applicable, is that

(6) as a short-term investment. The fate discussed, as well as the reference fate and spread, where applicable, 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.

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

ETM Escrowed to maturity.

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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: July 30, 2018	

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

By (Signature and Title)	/s/ Cedric H. Antosiewicz		
	Cedric H. Antosiewicz Chief Administrative Officer (principal executive officer)		
Date: July 30, 2018			
By (Signature and Title)	/s/ Stephen D. Foy Stephen D. Foy Vice President and Controller (principal financial officer)		

Date: July 30, 2018