NUVEEN CALIFORNIA DIVIDEND ADVANTAGE MUNICIPAL FUND 2 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 811-10197

Nuveen California Dividend Advantage Municipal Fund 2 (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 Dividend Advantage Municipal Fund 2 (NVX) May 31, 2015 (Unaudited)

Pr Amoun	incipal t (000)	Description (1) LONG-TERM INVESTMENTS – 140.0% (99.5% of Total Investments)	Optional Call Provisions (2) Ratings (3) Value		
		MUNICIPAL BONDS – 140.0% (99.5% of Total Investments)			
		Consumer Staples – 7.6% (5.4% of Total Investments)			
		California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds,			
		Los Angeles County Securitization Corporation, Series 2006A:			
		1	12/18 at		
\$	2,000	5.600%, 6/01/36	100.00	B+ \$	1,849,080
			12/18 at		
	2,000	5.650%, 6/01/41	100.00	B+	1,788,000
		California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed			
	255	Bonds, Sonoma	8/15 at 100.00	BBB+	254,597
		County Tobacco Securitization Corporation,			
		Series 2005, 4.250%, 6/01/21			
		California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed			
	1,995	Bonds,	8/15 at 100.00	Baa1	1,994,920
	1,775	Stanislaus County Tobacco Funding	0/13 at 100.00	Daar	1,774,720
		Corporation, Series 2002A, 5.500%, 6/01/33			
		Golden State Tobacco Securitization			
		Corporation, California, Tobacco Settlement			
		Asset-Backed			
		Bonds, Series 2007A-1:		_	
	3,770	5.000%, 6/01/33	6/17 at 100.00	В	3,153,869
	6,040	5.750%, 6/01/47	6/17 at 100.00	В	5,182,380
		Golden State Tobacco Securitization			
	3,660	Corporation, California, Tobacco Settlement Asset-Backed	6/22 at 100.00	В	3,014,888
	5,000	Bonds, Series 2007A-2, 5.300%, 6/01/37	0/44 at 100.00	D	3,014,000
		Donas, Series 200711-2, 3.300 /0, 0/01/37			

19,720	Total Consumer Staples Education and Civic Organizations – 2.8% (2.0% of Total Investments)			17,237,734
1,775	ABAG Finance Authority for Non-Profit Corporations, California, Revenue Bonds, The Jackson Laboratory, Series 2012, 5.000%, 7/01/37	7/22 at 100.00	A1	1,965,475
555	California Municipal Finance Authority, Charter School Revenue Bonds, Rocketship Education – Multiple Projects, Series 2014A, 7.250%,	6/22 at 102.00	N/R	630,241
2,500	6/01/43 California Municipal Finance Authority, Revenue Bonds, University of La Verne, Series 2010A, 6.250%, 6/01/40	6/20 at 100.00	Baa1	2,896,750
850	California Statewide Communities Development Authority, School Facility Revenue Bonds, Alliance College-Ready Public Schools, Series	7/21 at 100.00	BBB-	995,359
5,680	2011A, 7.000%, 7/01/46 Total Education and Civic Organizations Health Care – 19.6% (13.9% of Total			6,487,825
395	Investments) California Health Facilities Financing Authority, Revenue Bonds, Lucile Salter Packard Children's Hospital, Series 2014A, 5.000%,	8/24 at 100.00	AA	441,290
435	8/15/43 California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2014A, 5.000%, 10/01/38	10/24 at 100.00	AA	485,843
855	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2014B, 5.000%, 10/01/44	10/24 at 100.00	AA	952,051
895	California Health Facilities Financing Authority, Revenue Bonds, Rady Children's Hospital – San Diego, Series 2011, 5.250%, 8/15/41	8/21 at 100.00	AA-	994,103
1,500	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.250%, 11/15/46	11/16 at 100.00	AA-	1,576,200
4,215	California Municipal Financing Authority, Certificates of Participation, Community Hospitals of Central California, Series 2007, 5.250%,	2/17 at 100.00	A–	4,419,807
5,520	2/01/27	3/15 at 100.00	A	5,529,494

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	California Statewide Communities			
	Development Authority, Revenue Bonds,			
	Adventist Health System			
	West, Series 2005A, 5.000%, 3/01/35			
	California Statewide Communities			
2 200	Development Authority, Revenue Bonds,	4/22 -+ 100 00	A .	2.506.000
3,200	Kaiser Permanente,	4/22 at 100.00	A+	3,506,880
	Series 2012A, 5.000%, 4/01/42			
	California Statewide Community Development Authority, Revenue Bonds, Daughters of			
5,245	Charity	7/15 at 100.00	CCC	4,760,572
3,243	Health System, Series 2005A, 5.250%, 7/01/35	7/13 at 100.00	ccc	4,700,372
	California Statewide Community Development			
	Authority, Revenue Bonds, Kaiser Permanente			
425	System,	8/16 at 100.00	A+	444,814
	Series 2001C, 5.250%, 8/01/31	0, -00		,
	California Statewide Community Development			
	Authority, Revenue Bonds, Sutter Health,			
1,035	Series	8/18 at 100.00	AA	1,105,007
	2004D, 5.050%, 8/15/38 - AGM Insured			
	California Statewide Community Development			
	Authority, Revenue Bonds, Sutter Health,	11/15 at		
2,705	Series	100.00	AA-	2,754,772
	2005A, 5.000%, 11/15/43			
	Madera County, California, Certificates of			
1,610	Participation, Children's Hospital Central	3/20 at 100.00	AA-	1,790,900
	California, Series 2010, 5.375%, 3/15/36			
	Oak Valley Hospital District, Stanislaus			
	County, California, Revenue Bonds, Series	11/20 at		.=0.405
455	2010A,	100.00	BB	479,106
	6.500%, 11/01/29			
	Palomar Pomerado Health Care District,	11/10 -4		
1 500	California, Certificates of Participation, Series	11/19 at	D - 1	1 (70 040
1,500	2009,	100.00	Ba1	1,670,940
	6.625%, 11/01/29 Palomar Pomerado Health Care District,			
	California, Certificates of Participation, Series	11/20 at		
4,800	2010,	100.00	Ba1	5,119,056
1,000	6.000%, 11/01/41	100.00	Bui	3,117,030
	Rancho Mirage Joint Powers Financing			
	Authority, California, Revenue Bonds,			
5,785	Eisenhower Medical	7/17 at 100.00	Baa2	6,010,267
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Center, Series 2007A, 5.000%, 7/01/38			-,,
	San Buenaventura, California, Revenue Bonds,			
	Community Memorial Health System, Series	12/21 at		
2,250	2011,	100.00	BB	2,743,965
	7.500%, 12/01/41			
42,825	Total Health Care			44,785,067
	Housing/Multifamily – 1.5% (1.1% of Total			
	Investments)			
1,295		8/20 at 100.00	BBB	1,428,916

	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45			
	California Municipal Finance Authority,			
410	Mobile Home Park Revenue Bonds, Caritas Projects Series 2012A, 5.500%, 8/15/47	8/22 at 100.00	BBB	443,095
	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas			
940	Projects Series 2012B, 7.250%, 8/15/47 California Municipal Finance Authority, Mobile Home Park Senior Revenue Bonds, Caritas	8/22 at 100.00	A1	1,094,433
	Affordable Housing, Inc. Projects, Series			
80	2014A: 5.250%, 8/15/39	8/24 at 100.00	BBB	86,994
220	5.250%, 8/15/49	8/24 at 100.00	BBB	238,614
207	Independent Cities Lease Finance Authority, California, Mobile Home Park Revenue	7 46 40000	1100	·
205	Bonds, San Juan Mobile Estates, Series 2006B, 5.850%, 5/15/41	5/16 at 100.00	N/R	208,089
3,150	Total Housing/Multifamily			3,500,141
	Housing/Single Family – 3.2% (2.3% of Total			
	Investments)			
	California Housing Finance Agency, California, Home Mortgage Revenue Bonds,			
5,775	Series 2006M,	2/16 at 100.00	A	5,776,732
	4.650%, 8/01/31 (Alternative Minimum Tax)			
	California Housing Finance Agency,			
1 400	California, Home Mortgage Revenue Bonds,	2/17 at 100 00	٨	1 510 474
1,490	Series 2007G, 5.050%, 2/01/29 (Alternative Minimum Tax)	2/17 at 100.00	A	1,518,474
	California Housing Finance Agency, Home			
	Mortgage Revenue Bonds, Series 2006H,			
65	5.750%,	2/16 at 100.00	A	67,700
	8/01/30 – FGIC Insured (Alternative Minimum			
7,330	Tax) Total Housing/Single Family			7,362,906
7,550	Industrials – 0.0% (0.0% of Total Investments)			7,302,700
	California Statewide Communities			
	Development Authority, Revenue Bonds,			
3,175	EnerTech Regional	No Opt. Call	N/R	10,954
	Biosolids Project, Series 2007A, 5.500%, 12/01/33 (Alternative Minimum Tax) (4)			
	Tax Obligation/General – 31.1% (22.1% of			
	Total Investments)			
1,300	Alhambra Unified School District, Los	8/22 at 100.00	Aa3	1,473,784
	Angeles County, California, General			

	Obligation Bonds, Refunding Series 2012A, 5.000%, 8/01/29 – AGM Insured			
	California State, General Obligation Bonds,	12/15 at		
10,000	Series 2006CD, 4.600%, 12/01/32 (Alternative Minimum Tax)	100.00	AA	10,155,299
675	California State, General Obligation Bonds, Various Purpose Refunding Series 2015, 5.000%, 8/01/32	2/25 at 100.00	AA-	781,441
13,850	California State, General Obligation Bonds, Various Purpose Series 2009, 6.000%, 4/01/38 California State, General Obligation Bonds, Various Purpose Series 2010:	4/19 at 100.00	AA-	16,273,888
2,000	6.000%, 3/01/33	3/20 at 100.00 11/20 at	AA-	2,425,900
1,000	5.250%, 11/01/40 California State, General Obligation Bonds, Various Purpose Series 2011:	100.00	AA-	1,167,880
4,850	5.250%, 10/01/28	No Opt. Call	AA-	5,642,636
2,300	5.000%, 9/01/41	9/21 at 100.00 10/21 at	AA-	2,561,878
2,190	5.000%, 10/01/41 California State, General Obligation Bonds, Various Purpose Series 2013:	100.00	AA-	2,442,376
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
2,000	5.000%, 5/01/32	5/24 at 100.00 10/24 at	AA-	2,294,180
1,815	5.000%, 10/01/44 Desert Community College District, Riverside	100.00	AA-	2,044,071
32,730	County, California, General Obligation Bonds, Election 2004 Series 2007C, 0.000%, 8/01/46 – AGM Insured Los Angeles Unified School District, Los	_	AA	6,455,993
1,285	Angeles County, California, General Obligation Bonds, Series 2009D, 5.000%, 7/01/27 Palomar Pomerado Health, California, General Obligation Bonds, Election of 2004, Series	7/19 at 100.00	Aa2	1,464,630
1,265	2007A, 5.000%, 8/01/32 – NPFG Insured	8/17 at 100.00	AA-	1,344,417
2,000	Puerto Rico, General Obligation Bonds, Public Improvement Series 2002A, 5.500%, 7/01/20 – NPFG Insured San Marcos Unified School District, San		AA-	2,115,960
21,000	Diego County, California, General Obligation Bonds, 2010 Election, Series 2012B, 0.000%, 8/01/51	No Opt. Call	AA-	4,101,090

1,000	Southwestern Community College District, San Diego County, California, General Obligation Bonds, Election of 2008, Series 2011C, 5.250%, 8/01/36	8/21 at 100.00	Aa2	1,125,270
1,600 107,600	Yuba Community College District, California, General Obligation Bonds, Election 2006 Series 2011C, 5.250%, 8/01/47 Total Tax Obligation/General	8/21 at 100.00	Aa2	1,760,496 70,927,956
7,000	Tax Obligation/Limited – 28.9% (20.5% of Total Investments) California State Public Works Board, Lease Revenue Bonds, Department of Corrections & Rehabilitation, Various Correctional Facilities	9/23 at 100.00	A+	8,216,530
3,525	Series 2013F, 5.250%, 9/01/31 California State Public Works Board, Lease Revenue Bonds, Department of Corrections & Rehabilitation, Various Correctional Facilities Series 2014A, 5.000%, 9/01/39	9/24 at 100.00	A+	3,963,510
3,770	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2012G, 5.000%, 11/01/37 California State Public Works Board, Lease	11/22 at 100.00	A+	4,201,891
4,520	Revenue Bonds, Various Capital Projects, Series 2014E, 5.000%, 9/01/39	9/24 at 100.00	A+	5,082,288
435	Capistrano Unified School District, Orange County, California, Special Tax Bonds, Community Facilities District 98-2, Series 2005, 5.000%, 9/01/24 – FGIC Insured	9/15 at 100.00	AA-	439,502
960	Fontana Redevelopment Agency, San Bernardino County, California, Tax Allocation Bonds, Jurupa Hills Redevelopment Project, Refunding Series 1997A, 5.500%, 10/01/27	10/15 at 100.00	A-	968,909
10,000	Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement Asset-Backed Revenue Bonds, Series 2015A, 5.000%, 6/01/45	6/25 at 100.00	A1	10,947,499
1,785	Hawthorne Community Redevelopment Agency, California, Project Area 2 Tax Allocation Bonds, Series 2006, 5.250%, 9/01/36 – SYNCORA GTY Insured	9/16 at 100.00	N/R	1,828,036
1,800	Hesperia Unified School District, San Bernardino County, California, Certificates of	2/17 at 100.00	A-	1,895,940

	Participation, Capital Improvement, Series 2007, 5.000%, 2/01/41 – AMBAC Insured Hesperia Unified School District, San			
1,500	Bernardino County, California, Certificates of Participation, Series 2013A, 5.000%, 2/01/38 – BAM Insured	2/23 at 100.00	AA	1,622,895
870	Inglewood Redevelopment Agency, California, Tax Allocation Bonds, Merged Redevelopment Project, Subordinate Lien Series 2007A-1, 5.000%, 5/01/23 – AMBAC Insured Irvine Unified School District, California, Special Tax Bonds, Community Facilities District Series 2006A:	5/17 at 100.00	BBB+	903,025
205	5.000%, 9/01/26	9/16 at 100.00	N/R	208,503
470	5.125%, 9/01/36	9/16 at 100.00	N/R	477,576
., .	Lammersville School District, San Joaquin County, California, Special Tax Bonds,	.,		,
415	Community Facilities District 2002 Mountain House, Series 2006, 5.125%, 9/01/35 Los Angeles Community Redevelopment	9/16 at 100.00	N/R	426,894
800	Agency, California, Lease Revenue Bonds, Manchester Social Services Project, Series 2005, 5.000%, 9/01/37 – AMBAC Insured	9/15 at 100.00	A1	803,856
1,350	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	1,486,391
750	Lynwood Redevelopment Agency, California, Project A Revenue Bonds, Subordinate Lien Series	9/21 at 100.00	A-	931,185
47.5	2011A, 7.000%, 9/01/31 National City Community Development Commission, California, Tax Allocation	0/01 - 100.00		505.051
475	Bonds, National City Redevelopment Project, Series 2011, 6.500%, 8/01/24 Novato Redevelopment Agency, California, Tax Allocation Bonds, Hamilton Field	8/21 at 100.00	A-	595,071
175	Redevelopment Project, Series 2011, 6.750%, 9/01/40 Patterson Public Finance Authority, California,	9/21 at 100.00	BBB+	211,094
200	Revenue Bonds, Community Facilities District 2001-1, Subordinate Lien Series 2013B, 5.875%, 9/01/39 Patterson Public Financing Authority, California, Revenue Bonds, Community Facilities District	9/23 at 100.00	N/R	217,026

	2001-1, Senior Series 2013A:			
1,200	5.250%, 9/01/30	9/23 at 100.00	N/R	1,294,872
1,080	5.750%, 9/01/39	9/23 at 100.00	N/R	1,180,192
,	Pittsburg Redevelopment Agency, California, Tax Allocation Bonds, Los Medanos			,, -
3,085	Community Development Project, Refunding Series 2008A, 6.500%, 9/01/28 Puerto Rico Sales Tax Financing Corporation,	9/18 at 100.00	BBB-	3,385,171
6,275	Sales Tax Revenue Bonds, Series 2007A, 0.000%, 8/01/45 – NPFG Insured Rancho Santa Fe CSD Financing Authority,	No Opt. Call	AA-	885,905
550	California, Revenue Bonds, Superior Lien Series 2011A, 5.750%, 9/01/30 Riverside County Redevelopment Agency,	9/21 at 100.00	BBB+	623,244
100	California, Tax Allocation Bonds, Jurupa Valley Project Area, Series 2011B, 6.500%, 10/01/25	10/21 at 100.00	A-	123,392
	San Buenaventura Redevelopment Agency, California, Merged Project Areas Tax Allocation Bonds, Series 2008:			
1,000	7.750%, 8/01/28	8/16 at 102.00	A	1,090,270
1,325	8.000%, 8/01/38	8/16 at 102.00	A	1,450,531
	San Diego County Regional Transportation Commission, California, Sales Tax Revenue			
2,600	Bonds, Series 2014A, 5.000%, 4/01/36 San Diego, California, Special Tax Bonds, Community Facilities District 4 Black	4/24 at 100.00	AAA	2,992,288
990	Mountain Ranch Villages, Series 2008A, 6.000%, 9/01/37 San Francisco City and County Redevelopment Agency Successor Agency,	9/15 at 103.00	N/R	1,025,125
210	California, Special Tax Bonds, Community Facilities District 7, Hunters Point Shipyard Phase One Improvements, Refunding Series 2014, 5.000%, 8/01/39	No Opt. Call	N/R	225,548
80	San Francisco Redevelopment Finance Authority, California, Tax Allocation Revenue Bonds, Mission Bay North Redevelopment Project, Series 2011C, 6.750%, 8/01/41 San Francisco Redevelopment Financing Authority, California, Tax Allocation Revenue Bonds, Mission Bay South Redevelopment Project, Series 2011D:	2/21 at 100.00	A-	96,809

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85	7.000%, 8/01/33	2/21 at 100.00	BBB+	102,333
105	7.000%, 8/01/41	2/21 at 100.00	BBB+	126,412
	San Jose Redevelopment Agency, California,			
	Tax Allocation Bonds, Merged Area			
	Redevelopment			
1 100	Project, Series 2006C:	8/17 at 100.00	AA-	1 195 206
1,100 765	5.000%, 8/01/24 – NPFG Insured 5.000%, 8/01/25 – NPFG Insured	8/17 at 100.00	AA- AA-	1,185,206 824,257
703	San Jose Redevelopment Agency, California,	6/1/ at 100.00	AA-	024,237
	Tax Allocation Bonds, Merged Area			
995	Redevelopment	8/17 at 100.00	BBB+	1,066,740
775	Project, Series 2006D, 5.000%, 8/01/23 –	0/17 a t 100.00	DDD i	1,000,740
	AMBAC Insured			
	San Marcos Public Facilities Authority,			
	California, Tax Allocation Bonds, Project			
1,530	Areas 2 and 3,	8/15 at 100.00	A-	1,532,739
,	Series 2005C, 5.000%, 8/01/35 – AMBAC			, ,
	Insured			
	Signal Hill Redevelopment Agency,			
	California, Project 1 Tax Allocation Bonds,			
140	Series 2011,	4/21 at 100.00	N/R	158,341
	7.000%, 10/01/26			
	Temecula Public Financing Authority,			
	California, Special Tax Bonds, Community			
930	Facilities	9/15 at 101.00	N/R	928,754
	District 03-02 Roripaugh, Series 2006,			
	5.500%, 9/01/36			
	Yorba Linda Redevelopment Agency, Orange			
	County, California, Tax Allocation Revenue			
240	Bonds,	9/21 at 100.00	A–	291,130
	Yorba Linda Redevelopment Project,			
	Subordinate Lien Series 2011A, 6.500%,			
<i>(5.</i> 200	9/01/32			((01 (000
65,390	Total Tax Obligation/Limited			66,016,880
	Transportation – 10.4% (7.4% of Total			
	Investments) Pay Area Toll Authority California Payanya			
	Bay Area Toll Authority, California, Revenue Bonds, San Francisco Bay Area Toll Bridge,			
2,000	Series	4/23 at 100.00	AA-	2,247,240
2,000	2013S-4, 5.250%, 4/01/48	4/23 at 100.00	AA-	2,247,240
	Foothill/Eastern Transportation Corridor			
2,240	Agency, California, Toll Road Revenue Bonds,	1/24 at 100 00	BB+	2,666,698
2,2.0	Refunding Junior Lien Series 2013C, 6.500%,	1,2 : 40 100.00	22.	2,000,070
	1/15/43			
	Foothill/Eastern Transportation Corridor			
	Agency, California, Toll Road Revenue Bonds,			
	Refunding Series 2013A:			
4,940	5.750%, 1/15/46	1/24 at 100.00	BBB-	5,729,411
4,935	6.000%, 1/15/53	1/24 at 100.00	BBB-	5,774,542
	Los Angeles Harbors Department, California,			
4,000	Revenue Bonds, Refunding Series 2014B,	8/24 at 100.00	AA	4,520,680

	5.000%, 8/01/44 Port of Oakland, California, Revenue Bonds, Refunding Series 2012P:			
1,545 1,000 20,660	5.000%, 5/01/29 (Alternative Minimum Tax) 5.000%, 5/01/31 (Alternative Minimum Tax) Total Transportation	No Opt. Call No Opt. Call	A+ A+	1,729,643 1,108,330 23,776,544
	U.S. Guaranteed – 10.2% (7.3% of Total Investments) (5) Bay Area Toll Authority, California, Revenue			
1,930	Bonds, San Francisco Bay Area Toll Bridge, Series 2006F, 5.000%, 4/01/31 (Pre-refunded 4/01/16) (UB)	4/16 at 100.00	AA (5)	2,005,096
1,430	Bay Area Toll Authority, California, Revenue Bonds, San Francisco Bay Area Toll Bridge, Tender	4/18 at 100.00	AA (5)	2,039,609
1,430	Option Bond Trust 3211, 13.391%, 10/01/32 (Pre-refunded 4/01/18) (IF)	4/18 at 100.00	AA (3)	2,039,009
125	California Educational Facilities Authority, Revenue Bonds, University of the Pacific, Series 2006, 5.000%, 11/01/21 (Pre-refunded	11/15 at 100.00	A2 (5)	127,364
2,945	11/02/15) California State Public Works Board, Lease Revenue Bonds, University of California Regents, Tender Option Bond Trust 1065, 9.211%,	3/18 at 100.00	Aaa	3,601,147
2,225	3/01/33 (Pre-refunded 3/01/18) (IF) California Statewide Communities Development Authority, Revenue Bonds, ValleyCare Health System, Series 2007A, 5.125%, 7/15/31 (Pre-refunded 7/15/17)	7/17 at 100.00	AA+ (5)	2,390,496
1,400	Castaic Lake Water Agency, California, Certificates of Participation, Series 2006C, 5.000%, 8/01/36 (Pre-refunded 8/01/16) – NPFG Insured Healdshare Public Financing Authority	8/16 at 100.00 d	AA- (5)	1,475,628
545	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 (5)	563,252
2,000	Loma Linda, California, Hospital Revenue Bonds, Loma Linda University Medical Center, Series 2008A, 8.250%, 12/01/38 (Pre-refunded	12/17 at 100.00	BBB- (5)	2,362,820
355	12/01/17) Roseville Joint Union High School District, Placer County, California, General Obligation Bonds, Series 2006B, 5.000%, 8/01/27 (Pre-refunded 8/01/15) – FGIC Insured	8/15 at 100.00	AA (5)	357,879

	Merced Irrigation District, California, Electric System Revenue Bonds, Series 2005: 5.125%, 9/01/31 (Pre-refunded 9/01/15) –			
790	SYNCORA GTY Insured 5.250%, 9/01/36 (Pre-refunded 9/01/15) –	9/15 at 100.00	N/R (5)	799,757
1,500	SYNCORA GTY Insured North Natomas Community Facilities District	9/15 at 100.00	N/R (5)	1,519,005
475	4, Sacramento, California, Special Tax Bonds, Series 2006D, 5.000%, 9/01/33 (Pre-refunded 9/01/15) Puerto Rico Public Finance Corporation,	9/15 at 101.00	N/R (5)	482,610
2,000	Commonwealth Appropriation Bonds, Series 2002E, 6.000%, 8/01/26 (ETM) Sacramento County Sanitation Districts Financing Authority, California, Revenue	No Opt. Call	CCC- (5)	2,572,860
750	Bonds, Series 2006, 5.000%, 12/01/31 (Pre-refunded 6/01/16) – FGIC Insured	6/16 at 100.00	AA (5)	785,325
825	San Mateo Union High School District, San Mateo County, California, Certificates of Participation, Phase 1, Series 2007A, 5.000%, 12/15/30 (Pre-refunded 12/15/17) – AMBAC Insured	12/17 at 100.00	N/R (5)	911,171
	University of California, Limited Project Revenue Bonds, Series 2007D, 5.000%,			
1,315	5/15/41 (Pre-refunded 5/15/16) – FGIC Insured	5/16 at 101.00	AA-(5)	1,386,497
20,610	Total U.S. Guaranteed Utilities – 10.7% (7.6% of Total Investments) Long Beach Bond Finance Authority, California, Natural Gas Purchase Revenue			23,380,516
2,355	Bonds, Series 2007A, 5.000%, 11/15/35 Los Angeles Department of Water and Power,	No Opt. Call	A	2,632,631
14,000	California, Power System Revenue Bonds, Series 2012B, 5.000%, 7/01/43 Southern California Public Power Authority,	7/22 at 100.00	AA-	15,539,719
1,500	California, Revenue Bonds, Apex Power Project Series 2014A, 5.000%, 7/01/38 Southern California Public Power Authority,	7/24 at 100.00	AA-	1,702,575
4,000	Natural Gas Project 1 Revenue Bonds, Series 2007A, 5.000%, 11/01/33	No Opt. Call	A	4,568,560
21,855	Total Utilities Water and Sewer – 14.0% (9.9% of Total			24,443,485
5,240	Investments) California Pollution Control Financing Authority, Water Furnishing Revenue Bonds,	No Opt. Call	Baa3	5,497,808

1,400	Poseidon Resources Channelside LP Desalination Project, Series 2012, 5.000%, 11/21/45 (Alternative Minimum Tax) East Bay Municipal Utility District, Alameda and Contra Costa Counties, California, Water	6/25 at 100.00	AAA	1,663,116
	System Revenue Bonds, Refunding Series 2015A, 5.000%, 6/01/31 Escondido Joint Powers Financing Authority, California, Revenue Bonds, Water System			
4,265	Financing, Series 2012, 5.000%, 9/01/41 Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Series	3/22 at 100.00	AA-	4,668,170
10,390	2014A, 5.000%, 7/01/44 Metropolitan Water District of Southern	7/24 at 100.00	AA	11,749,531
1,160	California, Waterworks Revenue Bonds, Tender Option Bond Trust 09-8B, 17.656%, 7/01/35 (IF) (6) Sacramento, California, Wastewater Revenue	7/19 at 100.00	AAA	1,786,910
5,825 28,280	Bonds, Series 2013, 5.000%, 9/01/42 Total Water and Sewer Total Long-Term Investments (cost	9/23 at 100.00	AA	6,490,682 31,856,217
\$ 346,275	\$296,093,577)			319,786,225
Principal		Optional Call	D (0)	
Amount (000)	Description (1) SHORT-TERM INVESTMENTS – 0.7% (0.5% of Total Investments)	Provisions (2)	Ratings (3)	Value
	MUNICIPAL BONDS – 0.7% (0.5% of Total Investments)			
	Health Care – 0.7% (0.5% of Total Investments California Statewide Community Development Authority, Revenue Bonds, Daughters of	*		
\$ 1,320	Charity Health System, Series 2014A, 6.000%, 7/10/15 (7) California Statewide Community Development	No Opt. Call	N/R	\$ 1,323,260
125	Authority, Revenue Bonds, Daughters of Charity Health System, Series 2014B, 6.000%, 7/10/15 (7)	No Opt. Call	N/R	125,309
200	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2014C, 6.000%, 7/10/15 (7)	No Opt. Call	N/R	200,494

Total Short-Term Investments (cost \$1,645,000) 1,649,063

Total Investments (cost \$297,738,577) –

\$ 1,645

140.7% 321,435,288 Floating Rate Obligations – (0.4)% (965,000)

Variable Rate Demand Preferred Shares, at

Liquidation Value – (42.9)% (8) (98,000,000) Other Assets Less Liabilities – 2.6% 5,994,119

Net Assets Applicable to Common Shares –

100% \$ 228,464,407

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	\$ —	- \$319,786,225	\$ —	- \$319,786,225
Short-Term Investments:				
Municipal Bonds	_	_	1,649,063	1,649,063
Total	\$ —	- \$319,786,225	\$1,649,063	\$321,435,288

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 \$296,733,752.

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

Gross unrealized:

Appreciation \$28,264,427 Depreciation (4,527,891)

Net unrealized appreciation (depreciation) of investments

\$23,736,536

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
- (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
- (3) Ratings: Using the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, 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.
 - As of, or subsequent to, the end of the reporting period this security is non-income producing.
- (4) Non-income
 - producing, in the case of a fixed-income security, generally denotes that the issuer has (1) defaulted on the payment of principal or interest, (2) is under the protection of the Federal Bankruptcy Court or (3) the Fund's Adviser has concluded that the issue is not likely to meet its future interest payment obligations and has ceased accruing additional income on the Fund's records.
 - Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency
- (5) 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.
- (6) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- (7) Investment valued at fair value using methods determined in good faith by, or at the discretion of, the Board. For fair value measurement disclosure purposes, investment classified as Level 3.
- (8) Variable Rate Demand Preferred Shares, at Liquidation Value as a percentage of Total Investments is 30.5%.
- (ETM) Escrowed to maturity.
 - (IF) Inverse floating rate investment.
 - (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 Dividend Advantage Municipal Fund 2

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