NUVEEN CALIFORNIA DIVIDEND ADVANTAGE MUNICIPAL FUND 2 Form N-Q January 29, 2016

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: 2/29

Date of reporting period: 11/30/15

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) November 30, 2015 (Unaudited)

Pr Amoun	rincipal t (000)	Description (1) LONG-TERM INVESTMENTS – 139.5% (99.5% of Total Investments)	Optional Call Provisions (2)	Ratings (3)V	alue
		MUNICIPAL BONDS – 139.5% (99.5% of Total Investments)			
		Consumer Staples – 8.0% (5.7% of Total Investments) California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed			
		Bonds, Los Angeles County Securitization Corporation, Series 2006A:			
			12/18 at		
\$	2,000	5.600%, 6/01/36	100.00	В	\$ 1,981,960
			12/18 at		
	2,000	5.650%, 6/01/41	100.00	B2	1,965,540
		California County Tobacco Securitization			
		Agency, Tobacco Settlement Asset-Backed	12/15 at		
	255	Bonds,	100.00	BBB+	255,003
		Sonoma County Tobacco Securitization			
		Corporation, Series 2005, 4.250%, 6/01/21			
		California County Tobacco Securitization			
		Agency, Tobacco Settlement Asset-Backed	12/15 at		
	1,995	Bonds,	100.00	Baa1	1,995,140
		Stanislaus County Tobacco Funding			
		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	3,439,220
	6,040	5.750%, 6/01/47	6/17 at 100.00	В	5,595,939
		Golden State Tobacco Securitization			
		Corporation, California, Tobacco Settlement			
	3,660	Asset-Backed	6/22 at 100.00	В	3,328,148
		Bonds, Series 2007A-2, 5.300%, 6/01/37			

19,720	Total Consumer Staples Education and Civic Organizations – 2.8% (2.0% of Total Investments)			18,560,950
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	1,974,475
555	California Municipal Finance Authority, Charter School Revenue Bonds, Rocketship Education Multiple Projects, Series 2014A, 7.250%,	6/22 at 102.00	N/R	627,017
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	A-	2,857,850
850	California Statewide Communities Development Authority, School Facility Revenue Bonds, Alliance College-Ready Public Schools, Series	7/21 at 100.00	BBB-	956,735
5,680	2011A, 7.000%, 7/01/46 Total Education and Civic Organizations Health Care – 15.8% (11.3% of Total Investments) California Health Facilities Financing			6,416,077
570	Authority, California, Revenue Bonds, Sutter Health, Refunding Series 2015A, 5.000%, 8/15/43 California Health Facilities Financing	8/25 at 100.00	AA-	649,908
395	Authority, Revenue Bonds, Lucile Salter Packard Children's Hospital, Series 2014A, 5.000%, 8/15/43	8/24 at 100.00	AA	444,490
435	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2014A, 5.000%, 10/01/38	10/24 at 100.00	AA	494,473
855	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2014B, 5.000%, 10/01/44	10/24 at 100.00	AA	960,003
895	California Health Facilities Financing Authority, Revenue Bonds, Rady Children's Hospital – San Diego, Series 2011, 5.250%, 8/15/41 California Health Facilities Financing	8/21 at 100.00	AA-	997,648
1,500	Authority, Revenue Bonds, Sutter Health, Series 2007A,	11/16 at 100.00	AA-	1,549,335
2,470	5.250%, 11/15/46 California Municipal Financing Authority, Certificates of Participation, Community	2/17 at 100.00	A-	2,563,588

	Hospitals			
	of Central California, Series 2007, 5.250%, 2/01/27			
	California Statewide Communities			
	Development Authority, Revenue Bonds,			
1,300	Adventist Health	3/26 at 100.00	A	1,466,114
	System/West, Series 2015A, 5.000%, 3/01/35			
	California Statewide Communities			
	Development Authority, Revenue Bonds,			
3,200	Kaiser Permanente,	4/22 at 100.00	A+	3,572,544
	Series 2012A, 5.000%, 4/01/42			
	California Statewide Community Development			
5 245	Authority, Revenue Bonds, Daughters of	1/16 at 100.00	CCC	4 741 000
5,245	Charity Health System, Series 2005A, 5.250%, 7/01/35	1/10 at 100.00	CCC	4,741,900
	California Statewide Community Development			
425	Authority, Revenue Bonds, Kaiser Permanente		A+	437,045
	System, Series 2001C, 5.250%, 8/01/31	0, - 0 111 - 0 0 10 0		,
	California Statewide Community Development			
	Authority, Revenue Bonds, Sutter Health,			
1,035	Series	8/18 at 100.00	AA	1,100,019
	2004D, 5.050%, 8/15/38 – AGM Insured			
1.610	Madera County, California, Certificates of	2/20 . 100.00		1.700.762
1,610	Participation, Children's Hospital Central	3/20 at 100.00	AA–	1,789,563
	California, Series 2010, 5.375%, 3/15/36 Oak Valley Hospital District, Stanislaus			
	County, California, Revenue Bonds, Series	11/20 at		
455	2010A,	100.00	BB	477,946
	6.500%, 11/01/29	100.00	22	.,,,,,
	Palomar Pomerado Health Care District,			
	California, Certificates of Participation, Series	11/19 at		
1,500	2009,	100.00	Ba1	1,654,920
	6.625%, 11/01/29			
	Palomar Pomerado Health Care District,			
4.000	California, Certificates of Participation, Series	11/20 at	5.4	7 101 2 06
4,800	2010,	100.00	Ba1	5,101,296
	6.000%, 11/01/41 Pancho Mirago Joint Powers Financing			
	Rancho Mirage Joint Powers Financing Authority, California, Revenue Bonds,			
5,785	Eisenhower Medical	7/17 at 100.00	Baa2	5,975,500
3,703	Center, Series 2007A, 5.000%, 7/01/38	7717 at 100.00	Daaz	3,773,300
	San Buenaventura, California, Revenue Bonds,			
	Community Memorial Health System, Series	12/21 at		
2,250	2011,	100.00	BB+	2,739,600
	7.500%, 12/01/41			
34,725	Total Health Care			36,715,892
	Housing/Multifamily – 1.4% (1.0% of Total			
	Investments)			
	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas			
1,280	Projects	8/20 at 100.00	BBB	1,437,402
1,200	110,000	5/20 at 100.00	טטט	1,737,702

	Series 2010A, 6.400%, 8/15/45 California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas			
410	Projects Series 2012A, 5.500%, 8/15/47 California Municipal Finance Authority,	8/22 at 100.00	BBB	456,863
940	Mobile Home Park Revenue Bonds, Caritas 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	1,089,328
	Affordable Housing, Inc. Projects, Series 2014A:			
80	5.250%, 8/15/39	8/24 at 100.00	BBB	89,788
220	5.250%, 8/15/49	8/24 at 100.00	BBB	246,096
2,930	Total Housing/Multifamily Housing/Single Family – 3.2% (2.3% of Total Investments) California Housing Finance Agency,			3,319,477
	California, Home Mortgage Revenue Bonds,			
5,775	Series 2006M,	2/16 at 100.00	A	5,777,310
	4.650%, 8/01/31 (Alternative Minimum Tax) California Housing Finance Agency,			
	California, Home Mortgage Revenue Bonds,			
1,490	Series 2007G,	2/17 at 100.00	A	1,514,347
	5.050%, 2/01/29 (Alternative Minimum Tax)			
	California Housing Finance Agency, Home			
	Mortgage Revenue Bonds, Series 2006H,			
45	5.750%,	2/16 at 100.00	A	45,788
	8/01/30 – FGIC Insured (Alternative Minimum			
7.210	Tax)			7 227 445
7,310	Total Housing/Single Family Industrials – 0.0% (0.0% of Total Investments)			7,337,445
	California Statewide Communities			
	Development Authority, Revenue Bonds,			
3,175	EnerTech Regional	No Opt. Call	N/R	10,001
	Biosolids Project, Series 2007A, 5.500%,	•		
	12/01/33 (Alternative Minimum Tax) (4)			
	Tax Obligation/General – 32.8% (23.4% of			
	Total Investments)			
	Alhambra Unified School District, Los			
1 200	Angeles County, California, General	9/22 -4 100 00	A = 2	1 511 540
1,300	Obligation Bonds, Refunding Series 2012A, 5.000%, 8/01/29 – AGM Insured	8/22 at 100.00	Aa3	1,511,549
	California State, General Obligation Bonds,			
4,000	Various Purpose Refunding Series 2014,	8/24 at 100.00	AA-	4,683,120
	5.000%, 8/01/31			
	California State, General Obligation Bonds,			
	Various Purpose Refunding Series 2015:			

675	5.000%, 8/01/32	2/25 at 100.00	AA-	793,139
2,000	5.000%, 8/01/34	8/25 at 100.00	AA-	2,350,020
	California State, General Obligation Bonds,			
13,850	Various Purpose Series 2009, 6.000%, 4/01/38	4/19 at 100.00	AA-	16,146,189
10,000	California State, General Obligation Bonds,	., 19 00 100.00	1 21 2	10,110,10
	Various Purpose Series 2010:			
2,000	6.000%, 3/01/33	3/20 at 100.00	AA-	2,402,340
2,000	0.000 /0, 3/01/33	11/20 at	AA-	2,402,340
1.000	5 2500/ 11/01/40			1 166 220
1,000	5.250%, 11/01/40	100.00	AA-	1,166,330
	California State, General Obligation Bonds,			
	Various Purpose Series 2011:			
4,850	5.250%, 10/01/28	No Opt. Call	AA-	5,758,163
2,300	5.000%, 9/01/41	9/21 at 100.00	AA-	2,591,778
		10/21 at		
2,190	5.000%, 10/01/41	100.00	AA-	2,471,568
	California State, General Obligation Bonds,			
	Various Purpose Series 2013:			
2,500	5.000%, 2/01/43	No Opt. Call	AA-	2,834,075
ŕ	,	11/23 at		
2,240	5.000%, 11/01/43	100.00	AA-	2,567,264
2,2 .0	California State, General Obligation Bonds,	100.00	1111	2,207,201
	Various Purpose Series 2014:			
2,000	5.000%, 5/01/32	5/24 at 100.00	AA-	2,324,700
2,000	3.000%, 3/01/32		AA-	2,324,700
1.015	5 0000 10/01/44	10/24 at		2.076.660
1,815	5.000%, 10/01/44	100.00	AA-	2,076,669
22.720	Desert Community College District, Riverside	N. O . C 11		6 500 041
32,730	County, California, General Obligation Bonds,	No Opt. Call	AA	6,598,041
	Election 2004 Series 2007C, 0.000%, 8/01/46 -	-		
	AGM Insured			
	Los Angeles Unified School District, Los			
	Angeles County, California, General			
1,285	Obligation Bonds,	7/19 at 100.00	Aa2	1,457,653
	Series 2009D, 5.000%, 7/01/27			
	Palomar Pomerado Health, California, General			
	Obligation Bonds, Capital Appreciation,			
1,265	Election	8/17 at 100.00	AA-	1,332,652
	of 2004, Series 2007A, 5.000%, 8/01/32 –			
	NPFG Insured			
	Palomar Pomerado Health, California, General			
10,330	Obligation Bonds, Convertible Capital	No Opt. Call	A+	4,268,046
10,550	Appreciation, Election 2004 Series 2010A,	110 Opt. Can	7.11	1,200,010
	0.000%, 8/01/35			
	Paramount Unified School District, Los			
2.000	Angeles County, California, General	N - O - 4 C - 11	۸.	1 722 260
2,000	Obligation Bonds,	No Opt. Call	A+	1,722,260
	Election 2006 Series 2011, 0.000%, 8/01/45			
2 000	Puerto Rico, General Obligation Bonds, Public	W 0 0 "		0.000.000
2,000	Improvement Series 2002A, 5.500%, 7/01/20 –	No Opt. Call	AA-	2,038,380
	NPFG Insured			
1,425	San Joaquin Delta Community College	8/25 at 100.00	Aa2	1,680,973
	District, California, General Obligation Bonds,			

	Refunding Series 2015A, 5.000%, 8/01/32 San Marcos Unified School District, San Diego County, California, General Obligation			
21,000	Bonds, 2010 Election, Series 2012B, 0.000%, 8/01/51 Southwestern Community College District, San Diego County, California, General	No Opt. Call	AA-	4,426,170
1,000	Obligation Bonds, Election of 2008, Series 2011C, 5.250%, 8/01/36 Yuba Community College District, California, General Obligation Bonds, Election 2006	8/21 at 100.00	Aa2	1,135,430
1,600	Series 2011C, 5.250%, 8/01/47	8/21 at 100.00	Aa2	1,867,744
117,355	Total Tax Obligation/General Tax Obligation/Limited – 27.1% (19.3% of Total Investments) California State Public Works Board, Lease			76,204,253
7,000	Revenue Bonds, Department of Corrections & Rehabilitation, Various Correctional Facilities Series 2013F, 5.250%, 9/01/31 California State Public Works Board, Lease	9/23 at 100.00	A+	8,316,209
3,525	Revenue Bonds, Department of Corrections & Rehabilitation, Various Correctional Facilities Series 2014A, 5.000%, 9/01/39 California State Public Works Board, Lease	9/24 at 100.00	A+	4,034,821
3,770	Revenue Bonds, Various Capital Projects, Series 2012G, 5.000%, 11/01/37 California State Public Works Board, Lease	11/22 at 100.00	A+	4,290,901
4,520	Revenue Bonds, Various Capital Projects, Series 2014E, 5.000%, 9/01/39 Fontana Redevelopment Agency, San Bernardino County, California, Tax Allocation	9/24 at 100.00	A+	5,173,728
960	Bonds, Jurupa Hills Redevelopment Project, Refunding Series 1997A, 5.500%, 10/01/27 Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco	4/16 at 100.00	A	969,715
10,000	Settlement Asset-Backed Revenue Bonds, Series 2015A, 5.000%, 6/01/45 Hawthorne Community Redevelopment	6/25 at 100.00	A+	11,220,899
1,785	Agency, California, Tax Allocation Bonds, Project Area 2, Series 2006, 5.250%, 9/01/36 – SYNCORA GTY Insured	9/16 at 100.00	N/R	1,813,792
1,800	Hesperia Unified School District, San Bernardino County, California, Certificates of	2/17 at 100.00	A–	1,871,334

	Participation,			
	Capital Improvement, Series 2007, 5.000%,			
	2/01/41 – AMBAC Insured			
	Hesperia Unified School District, San			
1,500	Bernardino County, California, Certificates of	2/23 at 100.00	AA	1,633,560
	Participation, Series 2013A, 5.000%, 2/01/38 –			
	BAM Insured			
	Inglewood Redevelopment Agency, California,			
870	Tax Allocation Bonds, Merged Redevelopment	5/17 at 100.00	BBB+	894,395
	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:			
205	5.000%, 9/01/26	9/16 at 100.00	N/R	208,579
470	5.125%, 9/01/36	9/16 at 100.00	N/R	477,515
470	Lake Elsinore Public Financing Authority,	7/10 at 100.00	17/10	477,515
	California, Local Agency Revenue Bonds,			
1,000	Refunding	9/25 at 100.00	N/R	1,069,470
,	Series 2015, 5.000%, 9/01/40			, ,
	Lammersville School District, San Joaquin			
	County, California, Special Tax Bonds,			
415	Community	9/16 at 100.00	N/R	422,391
	Facilities District 2002 Mountain House,			
	Series 2006, 5.125%, 9/01/35			
	Los Angeles Community Redevelopment			
	Agency, California, Lease Revenue Bonds,			
800	Manchester	3/16 at 100.00	A1	801,368
	Social Services Project, Series 2005, 5.000%,			
	9/01/37 – AMBAC Insured			
	Los Angeles County Public Works Financing			
1 250	Authority, California, Lease Revenue Bonds,	No Opt Call	Λ Λ	1 522 049
1,350	Multiple Capital Facilities Project II. Series 2012	No Opt. Call	AA	1,523,948
	Capital Facilities Project II, Series 2012, 5.000%, 8/01/42			
	Lynwood Redevelopment Agency, California,			
	Project A Revenue Bonds, Subordinate Lien			
750	Series	9/21 at 100.00	A-	931,575
, 5 0	2011A, 7.000%, 9/01/31	7, 2 1 a 0 100.00		<i>y</i> 0 1,0 7 0
	National City Community Development			
	Commission, California, Tax Allocation			
475	Bonds, National	8/21 at 100.00	A-	591,708
	City Redevelopment Project, Series 2011,			
	6.500%, 8/01/24			
	Novato Redevelopment Agency, California,			
	Tax Allocation Bonds, Hamilton Field			
175	Redevelopment	9/21 at 100.00	BBB+	211,587
	Project, Series 2011, 6.750%, 9/01/40			
105	Patterson Public Finance Authority, California,	0/22 -4 100 00	NI/D	210 221
195	Revenue Bonds, Community Facilities District	9/23 at 100.00	N/R	210,231

	2001-1, Subordinate Lien Series 2013B, 5.875%, 9/01/39 Patterson Public Financing Authority, California, Revenue Bonds, Community Facilities District			
1,195	2001-1, Senior Series 2013A: 5.250%, 9/01/30	9/23 at 100.00	N/R	1,288,688
1,080	5.750%, 9/01/39	9/23 at 100.00 9/23 at 100.00	N/R	1,172,102
1,000	Pittsburg Redevelopment Agency, California,	7123 at 100.00	17/10	1,172,102
	Tax Allocation Bonds, Los Medanos			
3,085	Community	9/18 at 100.00	BBB-	3,364,655
-,	Development Project, Refunding Series			-,,
	2008A, 6.500%, 9/01/28			
	Puerto Rico Sales Tax Financing Corporation,			
	Sales Tax Revenue Bonds, Series 2007A,			
6,275	0.000%,	No Opt. Call	AA-	933,846
	8/01/45 – NPFG Insured			
	Rancho Santa Fe CSD Financing Authority,			
	California, Revenue Bonds, Superior Lien			
550	Series	9/21 at 100.00	BBB+	625,603
	2011A, 5.750%, 9/01/30			
	Riverside County Redevelopment Agency,	10/21 -4		
100	California, Tax Allocation Bonds, Jurupa	10/21 at	٨	122 927
100	Valley Project Area, Series 2011B, 6.500%, 10/01/25	100.00	A	122,827
	Roseville, California, Special Tax Bonds,			
	Community Facilities District 1 Westpark,			
225	Refunding	9/25 at 100.00	N/R	241,130
	Series 2015, 5.000%, 9/01/37			,
	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	1,062,470
1,325	8.000%, 8/01/38	8/16 at 102.00	A	1,409,204
	San Clemente, California, Special Tax			
(0	Revenue Bonds, Community Facilities District		NI/D	(4.415
60	2006-1 Marklahand Constal, Spring 2015, 5,000%	9/25 at 100.00	N/R	64,415
	Marblehead Coastal, Series 2015, 5.000%, 9/01/40 (WI/DD, Settling 12/03/15)			
	San Diego, California, Special Tax Bonds,			
	Community Facilities District 4 Black			
990	Mountain Ranch	3/16 at 100.00	N/R	1,024,977
	Villages, Series 2008A, 6.000%, 9/01/37			-,,
	San Francisco City and County			
	Redevelopment Agency Successor Agency,			
210	California, Special Tax	No Opt. Call	N/R	222,625
	Bonds, Community Facilities District 7,			
	Hunters Point Shipyard Phase One			
	Improvements,			
	Refunding Series 2014, 5.000%, 8/01/39			

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–	96,636
85	7.000%, 8/01/33	2/21 at 100.00	BBB+	102,190
105	7.000%, 8/01/41	2/21 at 100.00	BBB+	126,235
	San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Area			
995	Redevelopment Project, Refunding Series 2006D, 5.000%, 8/01/23 – AMBAC Insured San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Area Redevelopment Project, Series 2006C:	8/17 at 100.00	BBB+	1,050,680
1,100	5.000%, 8/01/24 – NPFG Insured	8/17 at 100.00	AA-	1,168,321
765	5.000%, 8/01/25 – NPFG Insured Signal Hill Redevelopment Agency, California, Project 1 Tax Allocation Bonds,	8/17 at 100.00	AA-	810,938
140	Series 2011, 7.000%, 10/01/26 Temecula Public Financing Authority, California, Special Tax Bonds, Community	4/21 at 100.00	N/R	158,144
930	Facilities District 03-02 Roripaugh, Series 2006, 5.500%, 9/01/36 Yorba Linda Redevelopment Agency, Orange County, California, Tax Allocation Revenue	3/16 at 100.00	N/R	930,391
240	Bonds, Yorba Linda Redevelopment Project, Subordinate Lien Series 2011A, 6.500%, 9/01/32	9/21 at 100.00	A–	291,703
62,100	Total Tax Obligation/Limited Transportation – 15.5% (11.1% of Total Investments) Bay Area Toll Authority, California, Revenue Bonds, San Francisco Bay Area Toll Bridge,			62,935,506
2,000	Series 2013S-4, 5.250%, 4/01/48 Foothill/Eastern Transportation Corridor	4/23 at 100.00	AA-	2,279,160
2,240	Agency, California, Toll Road Revenue Bonds, Refunding Junior Lien Series 2013C, 6.500%, 1/15/43 Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds,	1/24 at 100.00	BB+	2,653,235

	Refunding Series 2013A:			
4,940	5.750%, 1/15/46	1/24 at 100.00	BBB-	5,738,897
4,935	6.000%, 1/15/53	1/24 at 100.00	BBB-	5,762,698
	Los Angeles Department of Airports,			
	California, Revenue Bonds, Los Angeles			
	International			
	Airport, Senior Lien Series 2015D:			
870	5.000%, 5/15/31 (Alternative Minimum Tax)	5/25 at 100.00	AA	1,008,469
3,810	5.000%, 5/15/33 (Alternative Minimum Tax)	5/25 at 100.00	AA	4,365,841
1,000	5.000%, 5/15/36 (Alternative Minimum Tax)	5/25 at 100.00	AA	1,136,270
	Los Angeles Harbors Department, California,			
4,000	Revenue Bonds, Refunding Series 2014B,	8/24 at 100.00	AA	4,560,680
	5.000%, 8/01/44			
	Port of Oakland, California, Revenue Bonds,			
	Refunding Series 2012P:			
1,545	5.000%, 5/01/29 (Alternative Minimum Tax)	No Opt. Call	A+	1,755,074
1,000	5.000%, 5/01/31 (Alternative Minimum Tax)	No Opt. Call	A+	1,127,170
	Riverside County Transportation Commission,			
1.000	California, Toll Revenue Senior Lien Bonds,	6/00 1100 00	DDD	1 120 560
1,000	Series	6/23 at 100.00	BBB–	1,139,560
	2013A, 5.750%, 6/01/44			
	San Diego County Regional Airport Authority,			
4,000	California, Airport Revenue Bonds, Senior Series	7/23 at 100.00	Α.,	4 202 800
4,000	2013B, 5.000%, 7/01/43 (Alternative	7/25 at 100.00	A+	4,393,800
	Minimum Tax)			
31,340	Total Transportation			35,920,854
31,540	U.S. Guaranteed – 9.4% (6.7% of Total			33,720,034
	Investments) (5)			
	Bay Area Toll Authority, California, Revenue			
	Bonds, San Francisco Bay Area Toll Bridge,			
1,930	Series	4/16 at 100.00	AA (5)	1,961,131
,	2006F, 5.000%, 4/01/31 (Pre-refunded		,	, ,
	4/01/16) (UB)			
	Bay Area Toll Authority, California, Revenue			
	Bonds, San Francisco Bay Area Toll Bridge,			
1,430	Tender	4/18 at 100.00	AA (5)	1,965,220
	Option Bond Trust 3211, 13.558%, 10/01/32			
	(Pre-refunded 4/01/18) (IF)			
	California Municipal Financing Authority,			
	Certificates of Participation, Community			
1,745	Hospitals	2/17 at 100.00	N/R (5)	1,839,928
	of Central California, Series 2007, 5.250%,			
	2/01/27 (Pre-refunded 2/01/17)			
	California State Public Works Board, Lease			
2017	Revenue Bonds, University of California	240 40000		2 102 712
2,945	Regents,	3/18 at 100.00	Aaa	3,493,712
	Tender Option Bond Trust 1065, 9.404%,			
2.225	3/01/33 (Pre-refunded 3/01/18) (IF)			
		7/17 of 100 00	A A . (5)	2 204 022
2,225	California Statewide Communities Development Authority, Revenue Bonds,	7/17 at 100.00	AA+ (5)	2,386,023

	ValleyCare Health System, Series 2007A, 5.125%, 7/15/31 (Pre-refunded 7/15/17) Castaic Lake Water Agency, California, Certificates of Participation, Series 2006C,			
1,400	5.000%, 8/01/36 (Pre-refunded 8/01/16) – NPFG Insure Healdsburg Public Financing Authority, California, Wastewater Revenue Bonds, Series		AA- (5)	1,444,086
545	2006, 5.000%, 4/01/36 (Pre-refunded 4/01/16) – NPFG Insured Independent Cities Lease Finance Authority, California, Mobile Home Park Revenue	4/16 at 100.00	AA (5)	553,764
205	Bonds, San Juan Mobile Estates, Series 2006B, 5.850%, 5/15/41 (Pre-refunded 5/15/16) Loma Linda, California, Hospital Revenue	5/16 at 100.00	N/R (5)	210,244
2,000	Bonds, Loma Linda University Medical Center, Series 2008A, 8.250%, 12/01/38 (Pre-refunded 12/01/17) Puerto Rico Public Finance Corporation,	12/17 at 100.00	BB+ (5)	2,299,640
2,000	Commonwealth Appropriation Bonds, Series 2002E, 6.000%, 8/01/26 (ETM) Sacramento County Sanitation Districts Financing Authority, California, Revenue	No Opt. Call	CC (5)	2,672,820
750	Bonds, Series 2006, 5.000%, 12/01/31 (Pre-refunded 6/01/16) – FGIC Insured San Mateo Union High School District, San	6/16 at 100.00	AA (5)	767,903
825	Mateo County, California, Certificates of Participation, Phase 1, Series 2007A, 5.000%, 12/15/30 (Pre-refunded 12/15/17) – AMBAC Insured University of California, Limited Project Revenue Bonds, Series 2007D, 5.000%,	12/17 at 100.00	N/R (5)	896,808
1,315	5/15/41 (Pre-refunded 5/15/16) – FGIC Insured	5/16 at 101.00	AA-(5)	1,356,409
19,315	Total U.S. Guaranteed Utilities – 10.8% (7.7% of Total Investments) Long Beach Bond Finance Authority, California, Natural Gas Purchase Revenue			21,847,688
2,355	Bonds, Series 2007A, 5.000%, 11/15/35 Los Angeles Department of Water and Power, California, Power System Revenue Bonds,	No Opt. Call	A	2,708,344
14,000	Series 2012B, 5.000%, 7/01/43	7/22 at 100.00	AA-	15,886,639
1,500	, ,	7/24 at 100.00	AA-	1,725,570

	Southern California Public Power Authority, California, Revenue Bonds, Apex Power Project Series 2014A, 5.000%, 7/01/38 Southern California Public Power Authority,			
4,000	Natural Gas Project 1 Revenue Bonds, Series 2007A,	No Opt. Call	A	4,636,640
21,855	5.000%, 11/01/33 Total Utilities Water and Sewer – 12.7% (9.0% of Total Investments) California Pollution Control Financing			24,957,193
5,240	Authority, Water Furnishing Revenue Bonds, Poseidon Resources Channelside LP Desalination Project, Series 2012, 5.000%, 11/21/45 (Alternative	No Opt. Call	Baa3	5,554,610
1,400	Minimum Tax) East Bay Municipal Utility District, Alameda and Contra Costa Counties, California, Water System Revenue Bonds, Refunding Series 2015A, 5.000%, 6/01/31	6/25 at 100.00	AAA	1,690,472
4,265	Escondido Joint Powers Financing Authority, California, Revenue Bonds, Water System Financing, Series 2012, 5.000%, 9/01/41	3/22 at 100.00	AA-	4,811,048
7,890	Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Series 2014A, 5.000%, 7/01/44 Metropolitan Water District of Southern	7/24 at 100.00	AA	9,063,558
1,160	California, Waterworks Revenue Bonds, Tender Option Bond Trust 09-8B, 17.633%, 7/01/35 (IF) (6)	7/19 at 100.00	AAA	1,751,832
5,825 25,780	Total Water and Sewer	9/23 at 100.00	AA	6,535,302 29,406,822
\$ 351,285	Total Long-Term Investments (cost \$298,432,660)			323,632,158
Principal Amount (000)	Description (1) SHORT-TERM INVESTMENTS – 0.7% (0.5% of Total Investments)	Optional Call Provisions (2)	Ratings (3)	Value
	MUNICIPAL BONDS – 0.7% (0.5% of Total Investments)			
\$ 1,320	Health Care – 0.7% (0.5% of Total Investments) California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity	No Opt. Call	N/R	\$ 1,321,042

		Health System, Series 2014A, 6.000%, 12/15/15 (7) California Statewide Community Development Authority, Revenue Bonds, Daughters of			
	125	Charity	No Opt. Call	N/R	125,099
		Health System, Series 2014B, 6.000%,			
		12/15/15 (7)			
		California Statewide Community Development Authority, Revenue Bonds, Daughters of			
	200	Charity	No Opt. Call	N/R	200,158
	200	Health System, Series 2014C, 6.000%,	rvo opu cum	1,71	200,150
		12/15/15 (7)			
		Total Short-Term Investments (cost			
\$	1,645	\$1,645,000)			1,646,299
		Total Investments (cost \$300,077,660) –			
		140.2%			325,278,457
		Floating Rate Obligations – $(0.4)\%$			(965,000)
		Variable Rate Demand Preferred Shares, at			
		Liquidation Value – (42.2)% (8)			(98,000,000)
		Other Assets Less Liabilities – 2.4%			5,720,413
		Net Assets Applicable to Common Shares –			
		100%		\$	232,033,870

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	\$- 5	323,632,158	\$ —	\$323,632,158
Short-Term Investments:				
Municipal Bonds	_	_	1,646,299	1,646,299
Total	\$- 5	323,632,158	\$1,646,299	\$325,278,457

Income Tax Information

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

As of November 30, 2015, the cost of investments was \$299,269,863.

Gross unrealized appreciation and gross unrealized depreciation of investments as of November 30, 2015, were as follows:

Gross unrealized:

Appreciation \$29,108,534
Depreciation (4,064,940)
Net unrealized appreciation (depreciation) of investments \$25,043,594

- (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. Variable Rate Demand Preferred Shares, at Liquidation Value as a percentage of Total Investments is
- (8) 30.1%.
- ETM Escrowed to maturity.
- (WI/DD) Investment, or portion of investment, purchased on a when-issued or delayed delivery basis.
 - (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 /s/ Kevin J. McCarthy

and Title)

Kevin J. McCarthy

Vice President and Secretary

Date: January 29, 2016

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 /s/ Gifford R. Zimmerman

and Title)

Gifford R. Zimmerman

Chief Administrative Officer (principal executive officer)

Date: January 29, 2016

By

(Signature /s/ Stephen D. Foy

and Title)

Stephen D. Foy

Vice President and Controller (principal financial officer)

Date: January 29, 2016