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

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM N-O

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-10197

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: 5/31/16

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, 2016 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 138.0% (100.0% of Total Investments)		· /	
	MUNICIPAL BONDS – 138.0% (100.0% of Total Investments)			
	Consumer Staples – 9.1% (6.6% of Total Investments) California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Los Angeles County Securitization Corporation, Series 2006A:			
\$ 2,000	5.600%, 6/01/36	12/18 at 100.00	В	\$ 2,029,520
2,000	5.650%, 6/01/41	12/18 at 100.00	B2	2,029,500
220	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Sonoma County Tobacco Securitization Corporation, Series 2005, 4.250%, 6/01/21	8/16 at 100.00	BBB+	220,070
1,595	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, 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:	8/16 at 100.00	Baa1	1,606,659
3,770	5.000%, 6/01/33	6/17 at 100.00	В-	3,794,731
6,040	5.750%, 6/01/47	6/17 at 100.00	В-	6,110,004
6,160	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-2, 5.300%, 6/01/37	6/22 at 100.00	В-	6,264,350
21,785	Total Consumer Staples Education and Civic Organizations – 2.7% (2.0% of Total Investments)			22,054,834
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	2,019,648
555	Zacotatory, 561165 2012, 5100076, 1101757		N/R	651,637

	California Municipal Finance Authority, Charter School Revenue Bonds, Rocketship Education Multiple Projects, Series 2014A, 7.250%, 6/01/43	6/22 at 102.00		
2,500	California Municipal Finance Authority, Revenue Bonds, University of La Verne, Series 2010A, 6.250%, 6/01/40	6/20 at 100.00	A-	2,912,175
850	California Statewide Communities Development Authority, School Facility Revenue Bonds, Alliance College-Ready Public Schools, Series 2011A, 7.000%,	7/21 at 100.00	BBB-	988,899
5,680	7/01/46 Total Education and Civic Organizations Health Care – 16.7% (12.1% of Total Investments)			6,572,359
570	California Health Facilities Financing Authority, California, Revenue Bonds, Sutter Health,	8/25 at 100.00	AA-	674,162
395	Refunding Series 2015A, 5.000%, 8/15/43 California Health Facilities Financing Authority, Revenue Bonds, Lucile Salter Packard	8/24 at 100.00	AA	462,403
435	Children's Hospital, Series 2014A, 5.000%, 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	513,465
855	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2014B, 5.000%, 10/01/44	10/24 at 100.00	AA	1,000,145
895	California Health Facilities Financing Authority, Revenue Bonds, Rady Children's Hospital –	8/21 at 100.00	Aa3	1,016,980
1,500	San Diego, Series 2011, 5.250%, 8/15/41 California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A,	11/16 at 100.00	AA-	1,533,015
2,470	5.250%, 11/15/46 California Municipal Financing Authority, Certificates of Participation, Community Hospitals	2/17 at 100.00	A-	2,531,503
2,000	of Central California, Series 2007, 5.250%, 2/01/27 California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda	12/24 at 100.00	BB+	2,246,040
600	University Medical Center, Series 2014A, 5.250%, 12/01/44 California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda	6/26 at 100.00	ВВ	677,148
1,300	University Medical Center, Series 2016A, 5.250%, 12/01/56 California Statewide Communities Development Authority, Revenue Bonds, Adventist Health	3/26 at 100.00	A	1,566,513
3,200	System/West, Series 2015A, 5.000%, 3/01/35 California Statewide Communities Development Authority, Revenue Bonds, Kaiser Permanente,	4/22 at 100.00	AA-	3,694,528
5,245	Series 2012A, 5.000%, 4/01/42 California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Uselth System, Series 2005A, 5.500%, 7/01/25 (4)	8/16 at 100.00	CCC	5,252,133
425	Health System, Series 2005A, 5.500%, 7/01/35 (4) California Statewide Community Development Authority, Revenue Bonds, Kaiser Permanente System, Series 2001C, 5.250%, 8/01/31	8/16 at 100.00	AA-	427,950

1,035	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Series 2004D, 5.050%, 8/15/38 – AGM Insured	8/18 at 100.00	AA	1,101,364
1,610	Madera County, California, Certificates of Participation, Children's Hospital Central California, Series 2010, 5.375%, 3/15/36	3/20 at 100.00	AA-	1,804,762
455	Oak Valley Hospital District, Stanislaus County, California, Revenue Bonds, Series 2010A, 6.500%, 11/01/29	11/20 at 100.00	ВВ	481,727
1,500	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2009, 6.625%, 11/01/29	11/19 at 100.00	Ba1	1,673,475
4,800	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010, 6.000%, 11/01/41	11/20 at 100.00	Ba1	5,136,816
5,785	Rancho Mirage Joint Powers Financing Authority, California, Revenue Bonds, Eisenhower Medical Center, Refunding Series 2007A, 5.000%, 7/01/38	7/17 at 100.00	Baa2	5,975,327
2,250	San Buenaventura, California, Revenue Bonds, Community Memorial Health System, Series 2011, 7.500%, 12/01/41	12/21 at 100.00	BB+	2,782,350
37,325	Total Health Care			40,551,806
1,280	Housing/Multifamily – 1.4% (1.0% of Total Investments) California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45	8/20 at 100.00	ВВВ	1,425,498
410	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2012A, 5.500%, 8/15/47	28/22 at 100.00	BBB	466,473
940	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2012B, 7.250%, 8/15/47 California Municipal Finance Authority, Mobile Home Park Senior	e8/22 at 100.00	A1	1,099,574
	Revenue Bonds, Caritas Affordable Housing, Inc. Projects, Series 2014A:			
80	5.250%, 8/15/39	8/24 at 100.00	BBB	91,315
220	5.250%, 8/15/49	8/24 at 100.00	BBB	250,151
2,930	Total Housing/Multifamily Housing/Single Family – 3.0% (2.2% of Total Investments)			3,333,011
5,775	California Housing Finance Agency, California, Home Mortgage Revenue Bonds, Series 2006M, 4.650%, 8/01/31 (Alternative Minimum Tax)	8/16 at 100.00	A	5,778,581
1,490	California Housing Finance Agency, California, Home Mortgage Revenue Bonds, Series 2007G, 5.050%, 2/01/29 (Alternative Minimum Tax)	2/17 at 100.00	A	1,508,863
7,265	Total Housing/Single Family Industrials – 0.0% (0.0% of Total Investments)			7,287,444
3,175	California Statewide Communities Development Authority, Revenue Bonds, EnerTech Regional	No Opt. Call	N/R	9,366

	Biosolids Project, Series 2007A, 5.500%, 12/01/33 (Alternative Minimum Tax) (5)			
1,300	Tax Obligation/General – 32.7% (23.7% of Total Investments) Alhambra Unified School District, Los Angeles County, California, General Obligation Bonds,	8/22 at 100.00	Aa2	1,573,052
4,000	Refunding Series 2012A, 5.000%, 8/01/29 – AGM Insured California State, General Obligation Bonds, Various Purpose Refunding Series 2014, 5.000%, 8/01/31 California State, General Obligation Bonds, Various Purpose	8/24 at 100.00	AA-	4,930,400
	Refunding Series 2015:	212.5		
675	5.000%, 8/01/32	2/25 at 100.00	AA-	822,778
2,000	5.000%, 8/01/34	8/25 at 100.00	AA-	2,445,800
13,850	California State, General Obligation Bonds, Various Purpose Series 2009, 6.000%, 4/01/38 California State, General Obligation Bonds, Various Purpose Series	4/19 at 100.00	AA-	15,817,254
	2010:	2/20		
2,000	6.000%, 3/01/33	3/20 at 100.00	AA-	2,372,000
1,000	5.250%, 11/01/40	11/20 at 100.00	AA-	1,181,270
	California State, General Obligation Bonds, Various Purpose Series			
4,850	2011: 5.250%, 10/01/28	No Opt. Call	AA-	5,831,155
2,300	5.000%, 9/01/41	9/21 at 100.00	AA-	2,692,219
2,190	5.000%, 10/01/41	10/21 at 100.00	AA-	2,569,155
	California State, General Obligation Bonds, Various Purpose Series 2013:			
2,500	5.000%, 2/01/43	No Opt. Call	AA-	2,945,350
2,240	5.000%, 11/01/43	11/23 at 100.00	AA-	2,680,541
	California State, General Obligation Bonds, Various Purpose Series 2014:			
2,000	5.000%, 5/01/32	5/24 at 100.00	AA-	2,443,800
1,815	5.000%, 10/01/44	10/24 at 100.00	AA-	2,183,118
32,730	Desert Community College District, Riverside County, California, General Obligation Bonds,	No Opt. Call	AA	6,680,193
1,285	Election 2004 Series 2007C, 0.000%, 8/01/46 – AGM Insured Los Angeles Unified School District, Los Angeles County, California, General Obligation Bonds, Series 2009D, 5.000%, 7/01/27	7/19 at 100.00	Aa2	1,441,719
1,265	Palomar Pomerado Health, California, General Obligation Bonds, Capital Appreciation, Election of 2004, Series 2007A, 5.000%, 8/01/32 – NPFG Insured	8/17 at 100.00	AA-	1,318,927
10,330	01 2007, Scries 2007A, 5.00070, 6/01/32 - INFTO HISHEU	No Opt. Call	A+	4,913,258

	Palomar Pomerado Health, California, General Obligation Bonds, Convertible Capital			
2,000	Appreciation, Election 2004 Series 2010A, 0.000%, 8/01/35 Paramount Unified School District, Los Angeles County, California, General Obligation Bonds,	No Opt. Call	A+	1,889,900
2,000	Election 2006 Series 2011, 0.000%, 8/01/45 Puerto Rico, General Obligation Bonds, Public Improvement Series 2002A, 5.500%, 7/01/20 – NPFG Insured	No Opt. Call	AA-	2,114,620
1,425	San Joaquin Delta Community College District, California, General Obligation Bonds, Refunding Series 2015A, 5.000%, 8/01/32	8/25 at 100.00	Aa2	1,758,550
21,000	San Marcos Unified School District, San Diego County, California, General Obligation Bonds, 2010 Election, Series 2012B, 0.000%, 8/01/51	No Opt. Call	AA-	5,506,410
1,000	Southwestern Community College District, San Diego County, California, General Obligation	8/21 at 100.00	Aa2	1,169,640
1,600	Bonds, Election of 2008, Series 2011C, 5.250%, 8/01/36 Yuba Community College District, California, General Obligation Bonds, Election 2006 Series	8/21 at 100.00	Aa2	1,876,608
117,355	2011C, 5.250%, 8/01/47 Total Tax Obligation/General			79,157,717
7,000	Tax Obligation/Limited – 24.6% (17.8% of Total Investments) California State Public Works Board, Lease Revenue Bonds, Department of Corrections & Rehabilitation, Various Correctional Facilities Series 2013F, 5.250%,	9/23 at 100.00	A+	8,618,330
3,525	9/01/31 California State Public Works Board, Lease Revenue Bonds, Department of Corrections & Rehabilitation, Various Correctional Facilities Series 2014A,	9/24 at 100.00	A+	4,207,123
3,770	5.000%, 9/01/39 California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2012G, 5.000%, 11/01/37	11/22 at 100.00	A+	4,425,528
4,520	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2014E, 5.000%, 9/01/39	9/24 at 100.00	A+	5,394,665
960	Fontana Redevelopment Agency, San Bernardino County, California, Tax Allocation Bonds, Jurupa Hills Redevelopment Project, Refunding Series 1997A, 5.500%,	10/16 at 100.00	A	975,149
10,000	10/01/27 Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement Asset-Backed Revenue Bonds, Refunding Series 2015A, 5.000%, 6/01/45	6/25 at 100.00	A+	11,826,800
2,000	Government of Guam, Business Privilege Tax Bonds, Refunding Series 2015D, 5.000%, 11/15/28	11/25 at 100.00	A	2,390,360
1,500	Hesperia Unified School District, San Bernardino County, California Certificates of		AA	1,726,920
870	Participation, Series 2013A, 5.000%, 2/01/38 – BAM Insured		BBB+	891,811

Inglewood Redevelopment Agency, California, Tax Allocation Bonds, Merged Redevelopment Project, Subordinate Lien Series 2007A-1, 5.000%, 5/01/23 – AMBAC Insured	5/17 at 100.00		
Irvine Unified School District, California, Special Tax Bonds, Community Facilities District Series 2006A:			
5.000%, 9/01/26	9/16 at 100.00	N/R	206,878
5.125%, 9/01/36	9/16 at 100.00	N/R	473,624
Revenue Bonds, Refunding	9/25 at 100.00	N/R	1,119,560
Lammersville School District, San Joaquin County, California, Special Tax Bonds, Community Facilities District 2002 Mountain House, Series 2006, 5.125%, 9/01/35	9/16 at 100.00	N/R	417,805
Los Angeles Community Redevelopment Agency, California, Lease Revenue Bonds, Vermont Manchester Social Services Project, Series 2005, 5.000%, 9/01/37 – AMBAC Insured	8/16 at 100.00	A1	802,728
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	1,582,983
Lynwood Redevelopment Agency, California, Project A Revenue Bonds, Subordinate Lien Series 2011A, 7,000%, 9/01/31	9/21 at 100.00	A-	935,408
National City Community Development Commission, California, Tax Allocation Bonds, National	8/21 at 100.00	A	595,707
Novato Redevelopment Agency, California, Tax Allocation Bonds, Hamilton Field Redevelopment	9/21 at 100.00	BBB+	212,651
Patterson Public Finance Authority, California, Revenue Bonds, Community Facilities District 2001-1, Subordinate Lien Series 2013B, 5.875%, 9/01/39	9/23 at 100.00	N/R	217,714
	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: 5.000%, 9/01/26  5.125%, 9/01/36  Lake Elsinore Public Financing Authority, California, Local Agency Revenue Bonds, Refunding Series 2015, 5.000%, 9/01/40 Lammersville School District, San Joaquin County, California, Special Tax Bonds, Community Facilities District 2002 Mountain House, Series 2006, 5.125%, 9/01/35  Los Angeles Community Redevelopment Agency, California, Lease Revenue Bonds, Vermont Manchester Social Services Project, Series 2005, 5.000%, 9/01/37 – AMBAC Insured Los Angeles County Public Works Financing Authority, California, Lease Revenue Bonds, Multiple Capital Facilities Project II, Series 2012, 5.000%, 8/01/42 Lynwood Redevelopment Agency, California, Project A Revenue Bonds, Subordinate Lien Series 2011A, 7.000%, 9/01/31 National City Community Development Commission, California, Tax Allocation Bonds, National City Redevelopment Project, Series 2011, 6.500%, 8/01/24 Novato Redevelopment Agency, California, Tax Allocation Bonds, Hamilton Field Redevelopment Project, Series 2011, 6.750%, 9/01/40 Patterson Public Finance Authority, California, Revenue Bonds, Community Facilities District 2001-1,	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:  5.000%, 9/01/26  5.125%, 9/01/36  Lake Elsinore Public Financing Authority, California, Local Agency Pyl 5 at Revenue Bonds, Refunding Series 2015, 5.000%, 9/01/40 Lammersville School District, San Joaquin County, California, Special Tax Bonds, Community Pacilities District 2002 Mountain House, Series 2006, 5.125%, 9/01/35  Los Angeles Community Redevelopment Agency, California, Lease Revenue Bonds, Vermont Manchester Social Services Project, Series 2005, 5.000%, 9/01/37 – AMBAC Insured Los Angeles County Public Works Financing Authority, California, Lease Revenue Bonds, Multiple Capital Facilities Project II, Series 2012, 5.000%, 8/01/42 Lynwood Redevelopment Agency, California, Project A Revenue Bonds, Subordinate Lien Series 2011A, 7.000%, 9/01/31 National City Community Development Commission, California, Tax Allocation Bonds, National City Redevelopment Project, Series 2011, 6.500%, 8/01/24 Novato Redevelopment Project, Series 2011, 6.500%, 8/01/24 Novato Redevelopment Agency, California, Tax Allocation Bonds, Hamilton Field Redevelopment Project, Series 2011, 6.750%, 9/01/40 Patterson Public Finance Authority, California, Revenue Bonds, Community Facilities District 2001-1, 100.00	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:  5.000%, 9/01/26  5.125%, 9/01/36  Lake Elsinore Public Financing Authority, California, Local Agency Series 2015, 5.000%, 9/01/40  Lammersville School District, San Joaquin County, California, Special Tax Bonds, Community Facilities District 2002 Mountain House, Series 2006, 5.125%, 9/01/35  Los Angeles Community Redevelopment Agency, California, Lease Revenue Bonds, Vermont Manchester Social Services Project, Series 2005, 5.000%, 9/01/37 –  AMBAC Insured Los Angeles County Public Works Financing Authority, California, Lease Revenue Bonds, Multiple Capital Facilities Project II, Series 2012, 5.000%, 8/01/42  Lynwood Redevelopment Agency, California, Project A Revenue Bonds, Subordinate Lien Series 2011, 7.000%, 9/01/31  National City Community Development Commission, California, Tax Allocation Bonds, National City Redevelopment Project, Series 2011, 6.500%, 8/01/24  Novato Redevelopment Agency, California, Tax Allocation Bonds, 9/21 at 100.00  BBB+  Troject, Series 2011, 6.750%, 9/01/40  Patterson Public Finance Authority, California, Revenue Bonds, 9/23 at 100.00  N/R  Date Project, Series 2011, 6.750%, 9/01/40  Patterson Public Finance Authority, California, Revenue Bonds, 9/23 at 100.00