

NUVEEN CALIFORNIA DIVIDEND ADVANTAGE MUNICIPAL FUND 2

Form N-Q

July 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: 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 Amount (000) | Description (1) | Optional Call 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 | B | \$ 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 | 8/16 at 100.00 | Baa1 | 1,606,659 |
| | 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 | B– | 3,794,731 |
| 6,040 | 5.750%, 6/01/47 | 6/17 at 100.00 | B– | 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 | B– | 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 | | | N/R | 651,637 |

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| | 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%, 7/01/46 | 7/21 at 100.00 | BBB- | 988,899 |
| 5,680 | 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, Refunding Series 2015A, 5.000%, 8/15/43 | 8/25 at 100.00 | AA- | 674,162 |
| 395 | California Health Facilities Financing Authority, Revenue Bonds, Lucile Salter Packard Children’s Hospital, Series 2014A, 5.000%, 8/15/43 | 8/24 at 100.00 | AA | 462,403 |
| 435 | 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 – San Diego, Series 2011, 5.250%, 8/15/41 | 8/21 at 100.00 | Aa3 | 1,016,980 |
| 1,500 | California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.250%, 11/15/46 | 11/16 at 100.00 | AA- | 1,533,015 |
| 2,470 | California Municipal Financing Authority, Certificates of Participation, Community Hospitals of Central California, Series 2007, 5.250%, 2/01/27 | 2/17 at 100.00 | A- | 2,531,503 |
| 2,000 | California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2014A, 5.250%, 12/01/44 | 12/24 at 100.00 | BB+ | 2,246,040 |
| 600 | California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2016A, 5.250%, 12/01/56 | 6/26 at 100.00 | BB | 677,148 |
| 1,300 | California Statewide Communities Development Authority, Revenue Bonds, Adventist Health System/West, Series 2015A, 5.000%, 3/01/35 | 3/26 at 100.00 | A | 1,566,513 |
| 3,200 | California Statewide Communities Development Authority, Revenue Bonds, Kaiser Permanente, Series 2012A, 5.000%, 4/01/42 | 4/22 at 100.00 | AA- | 3,694,528 |
| 5,245 | California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005A, 5.500%, 7/01/35 (4) | 8/16 at 100.00 | CCC | 5,252,133 |
| 425 | 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 |

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| 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 | BB | 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 Housing/Multifamily – 1.4% (1.0% of Total Investments) | | | 40,551,806 |
| 1,280 | California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45 | 8/20 at 100.00 | BBB | 1,425,498 |
| 410 | California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2012A, 5.500%, 8/15/47 | 8/22 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 | 8/22 at 100.00 | A1 | 1,099,574 |
| | California Municipal Finance Authority, Mobile Home Park Senior 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 |

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| | Biosolids Project, Series 2007A, 5.500%, 12/01/33 (Alternative Minimum Tax) (5) | | | |
| | Tax Obligation/General – 32.7% (23.7% of Total Investments) | | | |
| 1,300 | 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, | 8/24 at 100.00 | AA– | 4,930,400 |
| | 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– | 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 | 4/19 at 100.00 | AA– | 15,817,254 |
| | California State, General Obligation Bonds, Various Purpose Series 2010: | | | |
| 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 2011: | | | |
| 4,850 | 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 |
| | Election 2004 Series 2007C, 0.000%, 8/01/46 – AGM Insured | | | |
| 1,285 | Los Angeles Unified School District, Los Angeles County, California, General Obligation Bonds, | 7/19 at 100.00 | Aa2 | 1,441,719 |
| | Series 2009D, 5.000%, 7/01/27 | | | |
| 1,265 | Palomar Pomerado Health, California, General Obligation Bonds, Capital Appreciation, Election | 8/17 at 100.00 | AA– | 1,318,927 |
| | of 2004, Series 2007A, 5.000%, 8/01/32 – NPFQ Insured | | | |
| 10,330 | | No Opt. Call | A+ | 4,913,258 |

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| | Palomar Pomerado Health, California, General Obligation Bonds, Convertible Capital | | | |
| | Appreciation, Election 2004 Series 2010A, 0.000%, 8/01/35 | | | |
| 2,000 | Paramount Unified School District, Los Angeles County, California, General Obligation Bonds, Election 2006 Series 2011, 0.000%, 8/01/45 | No Opt. Call | A+ | 1,889,900 |
| 2,000 | Puerto Rico, General Obligation Bonds, Public Improvement Series 2002A, 5.500%, 7/01/20 – NPFQ 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 Bonds, Election of 2008, Series 2011C, 5.250%, 8/01/36 | 8/21 at 100.00 | Aa2 | 1,169,640 |
| 1,600 | Yuba Community College District, California, General Obligation Bonds, Election 2006 Series 2011C, 5.250%, 8/01/47 | 8/21 at 100.00 | Aa2 | 1,876,608 |
| 117,355 | Total Tax Obligation/General Tax Obligation/Limited – 24.6% (17.8% of Total Investments) | | | 79,157,717 |
| 7,000 | California State Public Works Board, Lease Revenue Bonds, Department of Corrections & Rehabilitation, Various Correctional Facilities Series 2013F, 5.250%, 9/01/31 | 9/23 at 100.00 | A+ | 8,618,330 |
| 3,525 | 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+ | 4,207,123 |
| 3,770 | 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%, 10/01/27 | 10/16 at 100.00 | A | 975,149 |
| 10,000 | 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 Participation, Series 2013A, 5.000%, 2/01/38 – BAM Insured | 2/23 at 100.00 | AA | 1,726,920 |
| 870 | | | BBB+ | 891,811 |

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| | 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 | | |
| 205 | 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 |
| 470 | 5.125%, 9/01/36 | 9/16 at 100.00 | N/R | 473,624 |
| 1,000 | Lake Elsinore Public Financing Authority, California, Local Agency Revenue Bonds, Refunding Series 2015, 5.000%, 9/01/40 | 9/25 at 100.00 | N/R | 1,119,560 |
| 415 | 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 |
| 800 | 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 |
| 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 | 1,582,983 |
| 750 | 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 |
| 475 | National City Community Development Commission, California, Tax Allocation Bonds, National City Redevelopment Project, Series 2011, 6.500%, 8/01/24 | 8/21 at 100.00 | A | 595,707 |
| 175 | Novato Redevelopment Agency, California, Tax Allocation Bonds, Hamilton Field Redevelopment Project, Series 2011, 6.750%, 9/01/40 | 9/21 at 100.00 | BBB+ | 212,651 |
| 195 | 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 |
| | Patterson Public Financing Authority, California, Revenue Bonds, Community Facilities District 2001-1, Senior Series 2013A: | | | |
| 1,190 | 5.250%, 9/01/30 | 9/23 at 100.00 | N/R | 1,331,955 |
| 1,075 | 5.750%, 9/01/39 | 9/23 at 100.00 | N/R | 1,208,375 |
| 6,275 | Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, Series 2007A, 0.000%, 8/01/45 – NPMFG Insured | No Opt. Call | AA– | 975,449 |
| 550 | Rancho Santa Fe CSD Financing Authority, California, Revenue Bonds, Superior Lien Series 2011A, 5.750%, 9/01/30 | 9/21 at 100.00 | A– | 643,808 |
| 100 | | | A | 123,810 |

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| | Riverside County Redevelopment Agency, California, Tax Allocation Bonds, Jurupa Valley Project Area, Series 2011B, 6.500%, 10/01/25 | 10/21 at 100.00 | | |
| 225 | Roseville, California, Special Tax Bonds, Community Facilities District 1 Westpark, Refunding Series 2015, 5.000%, 9/01/37 | 9/25 at 100.00 | N/R | 257,582 |
| 1,000 | San Buenaventura Redevelopment Agency, California, Merged Project Areas Tax Allocation Bonds, Series 2008: 7.750%, 8/01/28 | 8/16 at 102.00 | A | 1,031,790 |
| 1,325 | 8.000%, 8/01/38 | 8/16 at 102.00 | A | 1,366,592 |
| 60 | 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 | 68,447 |
| 990 | San Diego, California, Special Tax Bonds, Community Facilities District 4 Black Mountain Ranch Villages, Series 2008A, 6.000%, 9/01/37 | 9/16 at 100.00 | N/R | 1,016,819 |
| 210 | San Francisco City and County Redevelopment Agency Successor Agency, 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 | 231,949 |
| 995 | San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Area 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+ | 1,036,770 |
| 1,100 | 5.000%, 8/01/24 – NPFPG Insured | 8/17 at 100.00 | AA- | 1,153,273 |
| 765 | 5.000%, 8/01/25 – NPFPG Insured | 8/17 at 100.00 | AA- | 801,498 |
| 140 | Signal Hill Redevelopment Agency, California, Project 1 Tax Allocation Bonds, Series 2011, 7.000%, 10/01/26 | 4/21 at 100.00 | N/R | 167,415 |
| 930 | Temecula Public Financing Authority, California, Special Tax Bonds, Community Facilities District 03-02 Roripaugh, Series 2006, 5.500%, 9/01/36 | 9/16 at 100.00 | N/R | 930,781 |
| 240 | Yorba Linda Redevelopment Agency, Orange County, California, Tax Allocation Revenue Bonds, Yorba Linda Redevelopment Project, Subordinate Lien Series 2011A, 6.500%, 9/01/32 | 9/21 at 100.00 | A- | 293,381 |
| 57,150 | Total Tax Obligation/Limited Transportation – 15.2% (11.0% of Total Investments) | | | 59,661,438 |
| 2,000 | Bay Area Toll Authority, California, Revenue Bonds, San Francisco Bay Area Toll Bridge, Series 2013S-4, 5.250%, 4/01/48 | 4/23 at 100.00 | AA- | 2,373,820 |
| 2,240 | Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, | 1/24 at 100.00 | BB+ | 2,691,875 |

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| | Refunding Junior Lien Series 2013C, 6.500%, 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- | 5,829,793 |
| 4,935 | 6.000%, 1/15/53 | 1/24 at 100.00 | BBB- | 5,851,874 |
| | 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 | 1,045,862 |
| 3,810 | 5.000%, 5/15/33 (Alternative Minimum Tax) | 5/25 at 100.00 | AA | 4,539,653 |
| 1,000 | 5.000%, 5/15/36 (Alternative Minimum Tax) | 5/25 at 100.00 | AA | 1,181,000 |
| 4,000 | Los Angeles Harbors Department, California, Revenue Bonds, Refunding Series 2014B, 5.000%, 8/01/44 Port of Oakland, California, Revenue Bonds, Refunding Series 2012P: | 8/24 at 100.00 | AA | 4,763,720 |
| 1,545 | 5.000%, 5/01/29 (Alternative Minimum Tax) | No Opt. Call | A+ | 1,800,219 |
| 1,000 | 5.000%, 5/01/31 (Alternative Minimum Tax) | No Opt. Call | A+ | 1,152,130 |
| 1,000 | Riverside County Transportation Commission, California, Toll Revenue Senior Lien Bonds, Series 2013A, 5.750%, 6/01/44 | 6/23 at 100.00 | BBB- | 1,175,230 |
| 4,000 | San Diego County Regional Airport Authority, California, Airport Revenue Bonds, Senior Series 2013B, 5.000%, 7/01/43 (Alternative Minimum Tax) | 7/23 at 100.00 | A+ | 4,517,880 |
| 31,340 | Total Transportation U.S. Guaranteed – 9.9% (7.2% of Total Investments) (6) | | | 36,923,056 |
| 1,430 | Bay Area Toll Authority, California, Revenue Bonds, San Francisco Bay Area Toll Bridge, Tender Option Bond Trust 3211, 12.798%, 10/01/32 (Pre-refunded 4/01/18) (IF) | 4/18 at 100.00 | AA (6) | 1,893,220 |
| 1,745 | California Municipal Financing Authority, Certificates of Participation, Community Hospitals of Central California, Series 2007, 5.250%, 2/01/27 (Pre-refunded 2/01/17) | 2/17 at 100.00 | N/R (6) | 1,799,601 |
| 2,945 | California State Public Works Board, Lease Revenue Bonds, University of California Regents, Tender Option Bond Trust 2016-XG0003, 8.861%, 3/01/33 (Pre-refunded 3/01/18) (IF) (7) | 3/18 at 100.00 | Aaa | 3,390,637 |
| 2,225 | 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+ (6) | 2,337,763 |
| 1,400 | Castaic Lake Water Agency, California, Certificates of Participation, Series 2006C, 5.000%, 8/01/36 (Pre-refunded 8/01/16) – NPMG Insured | 8/16 at 100.00 | AA (6) | 1,410,514 |
| 1,785 | | | N/R (6) | 1,806,206 |

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| | Hawthorne Community Redevelopment Agency, California, Tax Allocation Bonds, Project Area 2, Series 2006, 5.250%, 9/01/36 (Pre-refunded 9/01/16) – SYNCORA GTY Insured | 9/16 at 100.00 | | |
| 1,800 | Hesperia Unified School District, San Bernardino County, California, Certificates of Participation, Capital Improvement, Series 2007, 5.000%, 2/01/41 (Pre-refunded 2/01/17) – AMBAC Insured | 2/17 at 100.00 | A (6) | 1,853,586 |
| 2,000 | Loma Linda, California, Hospital Revenue Bonds, Loma Linda University Medical Center, Series 2008A, 8.250%, 12/01/38 (Pre-refunded 12/01/17) | 12/17 at 100.00 | BB (6) | 2,227,760 |
| 3,085 | Pittsburg Redevelopment Agency, California, Tax Allocation Bonds, Los Medanos Community Development Project, Refunding Series 2008A, 6.500%, 9/01/28 (Pre-refunded 9/01/18) | 9/18 at 100.00 | BBB- (6) | 3,481,824 |
| 2,000 | Puerto Rico Public Finance Corporation, Commonwealth Appropriation Bonds, Series 2002E, 6.000%, 8/01/26 (ETM) | No Opt. Call | C (6) | 2,687,660 |
| 80 | San Francisco Redevelopment Finance Authority, California, Tax Allocation Revenue Bonds, Mission Bay North Redevelopment Project, Series 2011C, 6.750%, 8/01/41 (Pre-refunded 2/01/21) | 2/21 at 100.00 | A- (6) | 100,400 |
| | San Francisco Redevelopment Financing Authority, California, Tax Allocation Revenue Bonds, Mission Bay South Redevelopment Project, Series 2011D: | | | |
| 85 | 7.000%, 8/01/33 (Pre-refunded 2/01/21) | 2/21 at 100.00 | BBB+ (6) | 107,550 |
| 105 | 7.000%, 8/01/41 (Pre-refunded 2/01/21) | 2/21 at 100.00 | BBB+ (6) | 132,855 |
| 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 (6) | 880,473 |
| 21,510 | Total U.S. Guaranteed Utilities – 10.8% (7.8% of Total Investments) | | | 24,110,049 |
| 2,355 | Long Beach Bond Finance Authority, California, Natural Gas Purchase Revenue Bonds, Series 2007A, 5.000%, 11/15/35 | No Opt. Call | A | 2,914,831 |
| 14,000 | Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2012B, 5.000%, 7/01/43 | 7/22 at 100.00 | Aa2 | 16,447,056 |
| 1,500 | Southern California Public Power Authority, California, Revenue Bonds, Apex Power Project Series 2014A, 5.000%, 7/01/38 | 7/24 at 100.00 | AA- | 1,808,205 |
| 4,000 | Southern California Public Power Authority, Natural Gas Project 1 Revenue Bonds, Series 2007A, 5.000%, 11/01/33 | No Opt. Call | A | 4,967,720 |
| 21,855 | Total Utilities | | | 26,137,812 |
| 5,240 | Water and Sewer – 11.9% (8.6% of Total Investments) | | | Baa3 5,784,908 |

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| | | | |
|------------|---|----------------|----------------|
| | California Pollution Control Financing Authority, Water Furnishing Revenue Bonds, Poseidon Resources Channelside LP Desalination Project, Series 2012, 5.000%, 11/21/45 (Alternative Minimum Tax) | No Opt. Call | |
| 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- 4,994,656 |
| 7,890 | Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Series 2014A, 5.000%, 7/01/44 | 7/24 at 100.00 | AA+ 9,465,949 |
| 1,160 | Metropolitan Water District of Southern California, Waterworks Revenue Bonds, Tender Option Bond Trust 09-8B, 16.567%, 7/01/35 (IF) (7) | 7/19 at 100.00 | AAA 1,754,662 |
| 5,825 | Sacramento, California, Wastewater Revenue Bonds, Series 2013, 5.000%, 9/01/42 | 9/23 at 100.00 | AA 6,722,283 |
| 24,380 | Total Water and Sewer | | 28,722,458 |
| \$ 351,750 | Total Long-Term Investments (cost \$299,031,534) | | 334,521,350 |
| | Variable Rate Demand Preferred Shares, at Liquidation Preference – (40.4)% (8) | | (98,000,000) |
| | Other Assets Less Liabilities – 2.4% | | 5,833,934 |
| | Net Assets Applicable to Common Shares – 100% | | \$ 242,355,284 |

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 | \$ — | \$334,521,350 | \$ — | \$334,521,350 |

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, 2016, the cost of investments was \$299,154,473.

Gross unrealized appreciation and gross unrealized depreciation of investments as of May 31, 2016, were as follows:

| | |
|---|--------------|
| Gross unrealized: | |
| Appreciation | \$39,054,959 |
| Depreciation | (3,688,082) |
| Net unrealized appreciation (depreciation) of investments | \$35,366,877 |

- (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.
- (4) The coupon for this security increased 0.25% effective January 1, 2016 and will increase an additional 0.25% effective May 11, 2016.

- (5) As of, or subsequent to, the end of the reporting period this security is non-income producing. 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.
 - (6) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest. Certain bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities.
 - (7) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
 - (8) Variable Rate Demand Preferred Shares, at Liquidation Preference as a percentage of Total Investments is 29.3%.
 - (ETM) Escrowed to maturity.
 - (IF) Inverse floating rate investment.
-

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 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 and Title) /s/ Gifford R. Zimmerman
Gifford R. Zimmerman
Chief Administrative Officer (principal executive officer)

Date: July 29, 2016

By (Signature and Title) /s/ Stephen D. Foy
Stephen D. Foy
Vice President and Controller (principal financial officer)

Date: July 29, 2016