

NUVEEN INSURED CALIFORNIA DIVIDEND ADVANTAGE MUNICIPAL FUND
Form N-Q
July 30, 2010

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 811-09449

Nuveen Insured California Dividend Advantage Municipal Fund
(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: 5/31/10

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 (Unaudited)

Nuveen Insured California Dividend Advantage Municipal Fund (NKL)

May 31, 2010

Principal Amount (000)	Description (1)	
	Consumer Staples – 4.0% (2.7% of Total Investments)	
\$ 14,155	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-2, 0.000%, 6/01/37	6/
	Education and Civic Organizations – 4.9% (3.3% of Total Investments)	
1,675	California Educational Facilities Authority, Revenue Bonds, University of San Diego, Series 2002A, 5.250%, 10/01/30	10/
9,000	California State University, Systemwide Revenue Bonds, Series 2002A, 5.125%, 11/01/26 – AMBAC Insured	11/
10,675	Total Education and Civic Organizations	
	Health Care – 6.4% (4.4% of Total Investments)	
5,000	ABAG Finance Authority for Non-Profit Corporations, California, Cal-Mortgage Insured Revenue Bonds, Sansum-Santa Barbara Medical Foundation Clinic, Series 2002A, 5.600%, 4/01/26	4/
2,815	California Health Facilities Financing Authority, Revenue Bonds, Lucile Salter Packard Children’s Hospital, Series 2003C, 5.000%, 8/15/20 – AMBAC Insured	8/
5,000	California Statewide Community Development Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 3/01/41	3/
1,748	California Statewide Communities Development Authority, Revenue Bonds, Saint Joseph Health System, Trust 2554, 18.449%, 7/01/47 – AGM Insured (IF)	7/
14,563	Total Health Care	
	Housing/Multifamily – 1.3% (0.9% of Total Investments)	
1,000	California Statewide Community Development Authority, Student Housing Revenue Bonds, EAH – Irvine East Campus Apartments, LLC Project, Series 2002A, 5.500%, 8/01/22 – ACA Insured	8/
1,905	Los Angeles, California, GNMA Mortgage-Backed Securities Program Multifamily Housing Revenue Bonds, Park Plaza West Senior Apartments, Series 2001B, 5.300%, 1/20/21 (Alternative Minimum Tax)	7/
2,905	Total Housing/Multifamily	
	Housing/Single Family – 0.2% (0.1% of Total Investments)	
350	California Housing Finance Agency, Home Mortgage Revenue Bonds, Series 2006H, 5.750%, 8/01/30 – FGIC Insured (Alternative Minimum Tax)	2/
	Industrials – 1.1% (0.7% of Total Investments)	
2,435	California Pollution Control Financing Authority, Solid Waste Disposal Revenue Bonds, Republic Services Inc., Series 2002C, 5.250%, 6/01/23 (Mandatory put 12/01/17) (Alternative Minimum Tax)	N
	Long-Term Care – 1.3% (0.9% of Total Investments)	

3,000	ABAG Finance Authority for Non-Profit Corporations, California, Insured Senior Living Revenue Bonds, Odd Fellows Home of California, Series 2003A, 5.200%, 11/15/22 Tax Obligation/General – 27.6% (18.8% of Total Investments)	11/
5,920	Cajon Valley Union School District, San Diego County, California, General Obligation Bonds, Series 2002B, 5.125%, 8/01/32 – NPFG Insured	8/
900	California, General Obligation Bonds, Series 2003, 5.000%, 2/01/21	8/
8,250	California, General Obligation Refunding Bonds, Series 2002, 5.000%, 2/01/22 – NPFG Insured	2/
3,375	Coast Community College District, Orange County, California, General Obligation Bonds, Series 2006C, 0.000%, 8/01/31 – AGM Insured	8/
230	El Monte Union High School District, Los Angeles County, California, General Obligation Bonds, Series 2003A, 5.000%, 6/01/28 – AGM Insured	6/
2,730	Fontana Unified School District, San Bernardino County, California, General Obligation Bonds, Trust 2668, 9.389%, 8/01/28 – AGM Insured (IF)	8/
10,000	Fremont Unified School District, Alameda County, California, General Obligation Bonds, Series 2002A, 5.000%, 8/01/25 – FGIC Insured	8/
1,000	Los Rios Community College District, Sacramento, El Dorado and Yolo Counties, California, General Obligation Bonds, Series 2006C, 5.000%, 8/01/25 – AGM Insured (UB)	8/
1,500	Madera Unified School District, Madera County, California, General Obligation Bonds, Series 2002, 5.000%, 8/01/28 – AGM Insured	8/
2,000	Murrieta Valley Unified School District, Riverside County, California, General Obligation Bonds, Series 2007, 4.500%, 9/01/30 – AGM Insured	9/
2,500	Oakland Unified School District, Alameda County, California, General Obligation Bonds, Series 2002, 5.250%, 8/01/21 – FGIC Insured	8/
375	Roseville Joint Union High School District, Placer County, California, General Obligation Bonds, Series 2006B, 5.000%, 8/01/27 – FGIC Insured	8/
3,250	San Diego Unified School District, San Diego County, California, General Obligation Bonds, Election of 1998, Series 2001C, 5.000%, 7/01/22 – AGM Insured	7/
1,500	San Juan Capistrano, California, General Obligation Bonds, Open Space Program, Tender Option Bond Trust 3646, 17.500%, 8/01/40 (IF)	8/
3,500	San Mateo County Community College District, California, General Obligation Bonds, Series 2002A, 5.000%, 9/01/26 – FGIC Insured	9/
10,000	Vista Unified School District, San Diego County, California, General Obligation Bonds, Series 2002A, 5.000%, 8/01/23 – AGM Insured	8/
3,905	West Kern Community College District, California, General Obligation Bonds, Election 2004, Series 2007C, 5.000%, 10/01/32 – SYNCORA GTY Insured	11/
60,935	Total Tax Obligation/General Tax Obligation/Limited – 45.6% (31.0% of Total Investments)	
1,450	Baldwin Park Public Financing Authority, California, Sales Tax and Tax Allocation Bonds, Puente Merced Redevelopment Project, Series 2003, 5.250%, 8/01/21	8/
6,895	Brea and Olinda Unified School District, Orange County, California, Certificates of Participation Refunding, Series 2002A, 5.125%, 8/01/26 – AGM Insured	8/

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2,200	California Infrastructure Economic Development Bank, Los Angeles County, Revenue Bonds, Department of Public Social Services, Series 2003, 5.000%, 9/01/28 – AMBAC Insured	9/
3,100	California State Public Works Board, Lease Revenue Bonds, Department of Health Services, Richmond Lab, Series 2005B, 5.000%, 11/01/30 – SYNCORA GTY Insured	11/
465	Capistrano Unified School District, Orange County, California, Special Tax Bonds, Community Facilities District, Series 2005, 5.000%, 9/01/24 – FGIC Insured	9/
1,400	Chino Redevelopment Agency, California, Merged Chino Redevelopment Project Area Tax Allocation Bonds, Series 2006, 5.000%, 9/01/38 – AMBAC Insured	9/
7,035	Corona-Norco Unified School District, Riverside County, California, Special Tax Bonds, Community Facilities District 98-1, Series 2003, 5.000%, 9/01/28 – NPPFG Insured	9/
3,145	Culver City Redevelopment Agency, California, Tax Allocation Revenue Bonds, Redevelopment Project, Series 2002A, 5.125%, 11/01/25 – NPPFG Insured	5/
8,170	El Monte, California, Senior Lien Certificates of Participation, Department of Public Services Facility Phase II, Series 2001, 5.000%, 1/01/21 – AMBAC Insured	1/
4,000	Folsom Public Financing Authority, California, Special Tax Revenue Bonds, Series 2004A, 5.000%, 9/01/21 – AMBAC Insured	9/
7,780	Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement Asset-Backed Revenue Bonds, Series 2005A, 5.000%, 6/01/45 – AMBAC Insured	6/
7,700	Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement Revenue Bonds, Tender Option Bonds Trust 2091, 9.523%, 6/01/45 – AGC Insured (IF)	6/
1,300	Hesperia Public Financing Authority, California, Redevelopment and Housing Projects Tax Allocation Bonds, Series 2007A, 5.000%, 9/01/37 – SYNCORA GTY Insured	9/
2,115	Inglewood Redevelopment Agency, California, Tax Allocation Refunding Bonds, Merged Area Redevelopment Project, Series 1998A, 5.250%, 5/01/23 – AMBAC Insured	N
3,500	La Quinta Redevelopment Agency, California, Tax Allocation Bonds, Redevelopment Project Area 1, Series 2001, 5.100%, 9/01/31 – AMBAC Insured	9/
3,400	La Quinta Redevelopment Agency, California, Tax Allocation Bonds, Redevelopment Project Area 1, Series 2002, 5.000%, 9/01/22 – AMBAC Insured	9/
845	Los Angeles Community Redevelopment Agency, California, Lease Revenue Bonds, Manchester Social Services Project, Series 2005, 5.000%, 9/01/37 – AMBAC Insured	9/
1,460	Los Angeles, California, Certificates of Participation, Municipal Improvement Corporation, Series 2003AW, 5.000%, 6/01/33 – AMBAC Insured	6/
7,000	Los Angeles, California, Certificates of Participation, Series 2002, 5.200%, 4/01/27 – AMBAC Insured	4/
8,470	Ontario Redevelopment Financing Authority, California, Lease Revenue Bonds, Capital Projects, Series 2001, 5.200%, 8/01/29 – AMBAC Insured	8/
5,000	Palm Desert Financing Authority, California, Tax Allocation Revenue Refunding Bonds, Project Area 1, Series 2002, 5.000%, 4/01/25 – NPPFG Insured	4/
405	Rialto Redevelopment Agency, California, Tax Allocation Bonds, Merged Project Area, Series 2005A, 5.000%, 9/01/35 – SYNCORA GTY Insured	9/
4,475	Riverside County, California, Asset Leasing Corporate Leasehold Revenue Bonds, Riverside	6/

	County Hospital Project, Series 1997B, 5.000%, 6/01/19 – NPMG Insured	
505	Roseville, California, Certificates of Participation, Public Facilities, Series 2003A, 5.000%, 8/01/25 – AMBAC Insured	8/
3,175	San Buenaventura, California, Certificates of Participation, Series 2001C, 5.250%, 2/01/31 – AMBAC Insured	2/
3,730	San Diego Redevelopment Agency, California, Subordinate Lien Tax Increment and Parking Revenue Bonds, Centre City Project, Series 2003B, 5.250%, 9/01/26	9/
4,000	San Jose Financing Authority, California, Lease Revenue Refunding Bonds, Convention Center Project, Series 2001F, 5.000%, 9/01/19 – NPMG Insured	9/
1,000	San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Project Area, Series 2005A, 5.000%, 8/01/28 – NPMG Insured	8/
2,160	Temecula Redevelopment Agency, California, Tax Allocation Revenue Bonds, Redevelopment Project 1, Series 2002, 5.125%, 8/01/27 – NPMG Insured	8/
105,880	Total Tax Obligation/Limited Transportation – 5.4% (3.7% of Total Investments)	
7,500	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Refunding Bonds, Series 1999, 5.875%, 1/15/29	1/
	San Francisco Airports Commission, California, Revenue Bonds, San Francisco International Airport, Second Series 2003, Issue 29A:	
2,185	5.250%, 5/01/16 – FGIC Insured (Alternative Minimum Tax)	5/
2,300	5.250%, 5/01/17 – FGIC Insured (Alternative Minimum Tax)	5/
11,985	Total Transportation U.S. Guaranteed – 20.4% (13.9% of Total Investments) (4)	
6,000	California Department of Water Resources, Power Supply Revenue Bonds, Series 2002A, 5.125%, 5/01/18 (Pre-refunded 5/01/12)	5/
35	California Department of Water Resources, Water System Revenue Bonds, Central Valley Project, Series 2002X, 5.150%, 12/01/23 (Pre-refunded 12/01/12) – FGIC Insured	12/
2,250	California Infrastructure Economic Development Bank, First Lien Revenue Bonds, San Francisco Bay Area Toll Bridge, Series 2003A, 5.000%, 7/01/36 (Pre-refunded 1/01/28) – AMBAC Insured	1/
8,900	Eastern Municipal Water District, California, Water and Sewerage System Revenue Certificates of Participation, Series 2001B, 5.000%, 7/01/30 (Pre-refunded 7/01/11) – FGIC Insured	7/
	Fresno Unified School District, Fresno County, California, General Obligation Bonds, Series 2002B:	
1,135	5.125%, 8/01/23 – FGIC Insured (ETM)	8/
1,190	5.125%, 8/01/24 – FGIC Insured (ETM)	8/
1,245	5.125%, 8/01/25 – FGIC Insured (ETM)	8/
1,255	5.125%, 8/01/26 – FGIC Insured (ETM)	8/
2,070	Fresno Unified School District, Fresno County, California, General Obligation Bonds, Series 2002G, 5.125%, 8/01/26 (Pre-refunded 8/01/10) – AGM Insured	8/
4,500	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2003A-2, 7.900%, 6/01/42 (Pre-refunded 6/01/13)	6/
5,000	Los Angeles Unified School District, California, General Obligation Bonds, Series 2002E,	7/

	5.125%, 1/01/27 (Pre-refunded 7/01/12) – NPMG Insured	
3,380	Rancho Mirage Joint Powers Financing Authority, California, Revenue Bonds, Eisenhower Medical Center, Series 2004, 5.875%, 7/01/26 (Pre-refunded 7/01/14)	7/
2,980	Santa Clarita Community College District, Los Angeles County, California, General Obligation Bonds, Series 2002, 5.125%, 8/01/26 (Pre-refunded 8/01/11) – FGIC Insured	8/
2,460	Vacaville Unified School District, Solano County, California, General Obligation Bonds, Series 2002, 5.000%, 8/01/26 (Pre-refunded 8/01/11) – AGM Insured	8/
42,400	Total U.S. Guaranteed Utilities – 14.6% (9.9% of Total Investments)	
9,000	Anaheim Public Finance Authority, California, Revenue Bonds, Electric System Distribution Facilities, Series 2002A, 5.000%, 10/01/27 – AGM Insured	10/
10,000	California Pollution Control Financing Authority, Remarketed Revenue Bonds, Pacific Gas and Electric Company, Series 1996A, 5.350%, 12/01/16 – NPMG Insured (Alternative Minimum Tax)	4/
2,490	Long Beach Bond Finance Authority, California, Natural Gas Purchase Revenue Bonds, Series 2007A, 5.000%, 11/15/35	N
830	Merced Irrigation District, California, Electric System Revenue Bonds, Series 2005, 5.125%, 9/01/31 – SYNCORA GTY Insured	9/
1,775	Northern California Power Agency, Revenue Refunding Bonds, Hydroelectric Project 1, Series 1998A, 5.200%, 7/01/32 – NPMG Insured	7/
3,000	Sacramento Municipal Utility District, California, Electric Revenue Bonds, Series 2001N, 5.000%, 8/15/28 – NPMG Insured	8/
5,630	Southern California Public Power Authority, Subordinate Revenue Refunding Bonds, Transmission Project, Series 2002A, 4.750%, 7/01/19 – AGM Insured	7/
32,725	Total Utilities Water and Sewer – 14.3% (9.7% of Total Investments)	
2,965	California Department of Water Resources, Water System Revenue Bonds, Central Valley Project, Series 2002X, 5.150%, 12/01/23 – FGIC Insured	12/
750	Fortuna Public Finance Authority, California, Water Revenue Bonds, Series 2006, 5.000%, 10/01/36 – AGM Insured	10/
570	Healdsburg Public Financing Authority, California, Wastewater Revenue Bonds, Series 2006, 5.000%, 4/01/36 – NPMG Insured	4/
4,500	Los Angeles County Sanitation Districts Financing Authority, California, Senior Revenue Bonds, Capital Projects, Series 2003A, 5.000%, 10/01/23 – AGM Insured	10/
2,085	Manteca Financing Authority, California, Sewerage Revenue Bonds, Series 2003B, 5.000%, 12/01/33 – NPMG Insured	12/
500	Marina Coast Water District, California, Enterprise Certificate of Participation, Series 2006, 5.000%, 6/01/31 – NPMG Insured	6/
9,185	Orange County Sanitation District, California, Certificates of Participation, Series 2003, 5.000%, 2/01/33 – FGIC Insured (UB)	8/
8,000	San Diego County Water Authority, California, Water Revenue Certificates of Participation, Series 2008A, 5.000%, 5/01/38 – AGM Insured	5/

Semitropic Water Storage District, Kern County, California, Water Banking Revenue Bonds,
Series 2004A:

1,315	5.500%, 12/01/20 – SYNCORA GTY Insured	12/
1,415	5.500%, 12/01/21 – SYNCORA GTY Insured	12/
31,285	Total Water and Sewer	
\$ 333,293	Total Investments (cost \$325,392,709) – 147.1%	
	Floating Rate Obligations – (3.3)%	
	Other Assets Less Liabilities – 1.9%	
	Auction Rate Preferred Shares, at Liquidation Value – (45.7)% (5)	
	Net Assets Applicable to Common Shares – 100%	

Fair Value Measurements

In determining the value of the Fund’s investments, various inputs are used. These inputs are summarized in the three broad levels listed below:

Level 1 – Quoted prices in active markets for identical securities.

Level 2 – Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3 – 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 May 31, 2010:

	Level 1	Level 2	Level 3	Total
Investments:				
Municipal Bonds	\$ —	\$334,049,090	\$ —	\$334,049,090

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.

At May 31, 2010, the cost of investments was \$317,641,623.

Gross unrealized appreciation and gross unrealized depreciation of investments at May 31, 2010, were as follows:

Gross unrealized:	
Appreciation	\$15,101,326

Depreciation	(6,078,573)
Net unrealized appreciation (depreciation) of investments	\$ 9,022,753

The Fund intends to invest at least 80% of its net assets in municipal securities that are covered by insurance guaranteeing the timely payment of principal and interest.

- (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 Investor 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.
 - (4) 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. Such investments are normally considered to be equivalent to AAA rated securities.
 - (5) Auction Rate Preferred Shares, at Liquidation Value as a percentage of Total Investments is 31.1%.
- N/R Not rated.
- (ETM) Escrowed to maturity.
- (IF) Inverse floating rate investment.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction.
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Item 2. Controls and Procedures.

- a. The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act") (17 CFR 270.30a-3(c))) are effective, as of a date within 90 days of the filing date of this report that includes the disclosure required by this paragraph, based on their evaluation of the controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rule 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934 (17 CFR 240.13a-15(b) or 240.15d-15(b)).

- b. There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act (17 CFR 270.30a-3(d)) that occurred during the registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3. Exhibits.

File as exhibits as part of this Form a separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the 1940 Act (17 CFR 270.30a-2(a)), exactly as set forth below: See EX-99 CERT attached hereto.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant) Nuveen Insured California Dividend Advantage Municipal Fund

By (Signature and Title) /s/ Kevin J. McCarthy
Kevin J. McCarthy
Vice President and Secretary

Date July 30, 2010

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, 2010

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

Date July 30, 2010