MUNIYIELD CALIFORNIA INSURED FUND INC Form N-Q March 28, 2006

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act File number 811-6692

Name of Fund: MuniYield California Insured Fund, Inc.

- Fund Address: P.O. Box 9011 Princeton, NJ 08543-9011
- Name and address of agent for service: Robert C. Doll, Jr., Chief Executive Officer, MuniYield California Insured Fund, Inc., 800 Scudders Mill Road, Plainsboro, NJ, 08536. Mailing address: P.O. Box 9011, Princeton, NJ, 08543-9011

Registrant's telephone number, including area code: (609) 282-2800

Date of fiscal year end: 10/31/2006

Date of reporting period: 11/01/05 - 01/31/06

Item 1 - Schedule of Investments

MuniYield California Insured Fund, Inc.

Schedule of Investments as of January 31, 2006

	Face Amount	Municipal Bonds
California - 142.8%	\$ 7,000	ABAG Finance Authority for Nonprofit Corporations, California, C Hospital Medical Center), 6% due 12/01/2029 (a)
	2,350	Alameda, California, GO, 5% due 8/01/2033 (f)
	5,665	Alhambra, California, Unified School District, GO (Election of 2 5% due 8/01/2029 (b)
	2,735	Amador Water Agency, California, COP, Refunding, Series A, 5% du
	1,815	Amador Water Agency, California, COP, Refunding, Series A, 5% du
	3,580	Anaheim, California, Public Financing Authority, Electric System Facilities Revenue Bonds, Series A, 5% due 10/01/2031 (e)
	2,400	Anaheim, California, Union High School District, GO (Election of due 8/01/2027 (f)

3,675 Bakersfield, California, COP, Refunding (Convention Center Expan

5.80% due 4/01/2017 (f)

- 255 Bay Area Government Association, California, Tax Allocation Reve Bonds (California Redevelopment Agency Pool), Series A, 6% due 1
- 3,990 Brentwood, California, Infrastructure Refinancing Authority, Inf Refunding Bonds, Series A, 5.20% due 9/02/2029 (e)
- 3,215 California Community College Financing Authority, Lease Revenue Series A, 5.95% due 12/01/2022 (f)
- 1,100 California Community College Financing Authority, Lease Revenue Series A, 6% due 12/01/2029 (f)
- 5,000 California Educational Facilities Authority Revenue Bonds (Unive Series A, 5.50% due 10/01/2032
- 13,425 California Educational Facilities Authority, Student Loan Revenu Loan Program), AMT, 5.55% due 4/01/2028 (a)
 - 800 California HFA, Home Mortgage Revenue Bonds, VRDN, AMT, Series E due 8/01/2033 (e)(i)

Portfolio Abbreviations

To simplify the listings of MuniYield California Insured Fund, Inc.'s portfolio holdings in the Schedule of Investments, we have abbreviated the names of many of the securities according to the list below.

AMT	Alternative Minimum Tax (subject to)
COP	Certificates of Participation
DRIVERS	Derivative Inverse Tax-Exempt Receipts
GO	General Obligation Bonds
HFA	Housing Finance Agency
RIB	Residual Interest Bonds
RITR	Residual Interest Trust Receipts
S/F	Single-Family
VRDN	Variable Rate Demand Notes

MuniYield California Insured Fund, Inc.

Schedule of Investments as of January 31, 2006 (concluded)

	Face Amount	Municipal Bonds
California (concluded)	\$ 500	California HFA, Home Mortgage Revenue Bonds, VRDN, AMT, Series N due 8/01/2021 (e)(i)
	330	California HFA, Home Mortgage Revenue Bonds, VRDN, AMT, Series R due 8/01/2023 (a)(i)

- 2,750 California Health Facilities Financing Authority Revenue Bonds (Series A, 5.50% due 6/01/2022 (e)(j)
 - 550 California Rural Home Mortgage Finance Authority, S/F Mortgage R (Mortgage-Backed Securities Program), AMT, Series A, 6.35% due 1
 - 235 California Rural Home Mortgage Finance Authority, S/F Mortgage R (Mortgage-Backed Securities Program), AMT, Series B, 6.25% due 1
- 12,680 California State Department of Veteran Affairs, Home Purpose Rev Series A, 5.35% due 12/01/2027 (a)
- 6,000 California State Department of Water Resources, Power Supply Rev Series A, 5.75% due 5/01/2012 (g)
 - 860 California State, GO, 6.25% due 10/01/2019 (f)
- 9,935 California State, GO, Refunding, DRIVERS, AMT, Series 239, 8.049 12/01/2032 (a)(h)
- 3,000 California State, GO, Refunding, Series BX, 5.50% due 12/01/2031
- 4,530 California State Public Works Board, Lease Revenue Bonds (Depart Ten Administrative Segregation Housing Units), Series A, 5.25% d
- 16,675 California State Public Works Board, Lease Revenue Refunding Bon Corrections), Series B, 5.625% due 11/01/2016 (f)
- 2,640 California State University, Systemwide Revenue Refunding Bonds, due 11/01/2030 (f)
- 5,950 California State, Various Purpose, GO, 5.50% due 11/01/2033
- 4,100 California Statewide Communities Development Authority, COP (Kai 5.30% due 12/01/2015 (e) (j)
- 3,685 California Statewide Communities Development Authority, Health F Bonds (Memorial Health Services), Series A, 6% due 10/01/2023
- 8,155 Calleguas-Las Virgenes, California, Public Financing Authority R (Calleguas Municipal Water District Project), Series A, 5% due 7
- 6,000 Capistrano, California, Unified School District, Community Facil Special Tax Refunding Bonds, 5% due 9/01/2029 (b)
- 4,600 Ceres, California, Redevelopment Agency, Tax Allocation Bonds (C Project Area Number 1), 5.75% due 11/01/2030 (f)
- 4,000 Ceres, California, Redevelopment Agency, Tax Allocation Bonds (C Project Area Number 1), 5% due 11/01/2033 (f)
- 6,000 Chaffey, California, Union High School District, GO, Series C, 5
- 5,910 Chula Vista, California, Elementary School District, COP, 5% due
- 2,540 Coalinga, California, Redevelopment Agency Tax Allocation Bonds, due 9/15/2025 (f)
- 2,000 Compton, California, Unified School District, GO (Election of 20 due 6/01/2029 (f)
- 4,135 Contra Costa, California, Water District, Water Revenue Refundin

5% due 10/01/2032 (e)

- 12,180 Contra Costa County, California, COP, Refunding (Merrithew Memor 5.375% due 11/01/2017 (f)
- 8,500 Corona, California, COP (Clearwater Cogeneration Project), 5% du
- 2,000 Coronado, California, Community Development Agency, Tax Allocati Community Development Project), 5.60% due 9/01/2030 (f)
- 10,000 East Bay Municipal Utility District, California, Water System Re Sub-Series A, 5% due 6/01/2035 (f)
- 3,025 El Monte, California, School District, GO, Series B, 5.375% due
- 2,525 El Monte, California, School District, GO, Series B, 5.375% due
- 9,045 El Monte, California, Unified School District, GO (Election of 2 due 3/01/2029 (f)
- 4,400 Elk Grove, California, Unified School District, Special Tax Bond Facilities District Number 1), 5% due 12/01/2035 (f)
- 6,000 Fremont, California, Unified School District, Alameda County, GC Series B, 5% due 8/01/2030 (e)
- 10,755 Fremont, California, Unified School District, Alameda County, GO
 due 8/01/2026 (b)
- 4,295 Fresno, California, Joint Powers Financing Authority, Lease Reve Series A, 5.75% due 6/01/2026 (e)
- 6,930 Fullerton, California, Public Financing Authority, Tax Allocatio due 9/01/2027 (a)
- 4,390 Glendale, California, Electric Revenue Bonds, 5% due 2/01/2032 (
- 3,810 Hercules, California, Redevelopment Agency, Tax Allocation Refun Merged Project Area), 5% due 8/01/2029 (a)
- 5,000 Hesperia, California, Community Redevelopment Agency, Tax Alloca Series A, 5% due 9/01/2025 (k)
- 1,910 Imperial, California, Community College District, GO (Election of 8/01/2026 (b)
- 2,500 La Quinta, California, Financing Authority, Local Agency Revenue 5.25% due 9/01/2024 (a)
- 3,800 Las Lomitas, California, School District, GO (Election of 2001), 7/01/2012 (e)(g)
- 3,050 Little Lake, California, City School District, GO, Refunding, 5.
- 10,260 Lodi, California, Unified School District, GO (Election of 2002)
 - 7,575 Long Beach, California, Harbor Revenue Bonds, RIB, AMT, Series 7 due 5/15/2024 (h)
 - 2,735 Long Beach, California, Harbor Revenue Refunding Bonds, AMT, Ser due 5/15/2022 (f)

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- 10,000 Los Angeles, California, Community Redevelopment Agency, Communi Financing Authority Revenue Bonds (Bunker Hill Project), Series 12/01/2027 (e)
 - 290 Los Angeles, California, Department of Airports, Airport Revenue International Airport), AMT, Series D, 5.625% due 5/15/2012 (b)
- 2,500 Los Angeles, California, Department of Airports, Airport Revenue International Airport), AMT, Series A, 6% due 5/15/2017 (b)
- 7,365 Los Angeles, California, Harbor Department Revenue Bonds, RIB, A 9.16% due 11/01/2026 (f) (h)
- 7,000 Los Angeles, California, Harbor Department Revenue Bonds, Trust R, Series 7, 9.162% due 11/01/2026 (f)(h)
- 7,000 Los Angeles, California, Unified School District, GO, Series E,
- 5,000 Los Angeles, California, Water and Power Revenue Bonds (Power Sy Sub-Series A-1, 5% due 7/01/2031 (e)
- 3,165 Los Angeles, California, Water and Power Revenue Refunding Bonds Series A-A-2, 5.375% due 7/01/2021 (f)
- 5,240 Los Angeles County, California, Metropolitan Transportation Auth Revenue Refunding Bonds, Proposition A, First Tier Senior-Series 7/01/2027 (a)
- 6,500 Los Angeles County, California, Metropolitan Transportation Auth Revenue Refunding Bonds, Proposition A, First Tier Senior-Series 7/01/2035 (a)
- 2,000 Los Angeles County, California, Metropolitan Transportation Auth Revenue Refunding Bonds, Proposition C, Second Tier Senior-Serie 7/01/2030 (b)
- 5,000 Los Angeles County, California, Public Works Financing Authority Refunding Bonds (Master Refunding Project), Series A, 5% due 12/
- 7,035 Los Angeles County, California, Sanitation Districts Financing A Refunding Bonds (Capital Projects - District Number 14), Sub-Ser 10/01/2034 (b)
- 5,830 Los Gatos, California, Joint Union High School District, GO (Ele Series C, 5.375% due 6/01/2012 (e)(g)
- 3,000 Los Rios, California, Community College District, GO (Election of 5% due 8/01/2027 (f)
- 1,000 Menifee, California, Unified School District, GO (Election of 20 due 8/01/2028 (b)
- 5,370 Metropolitan Water District of Southern California, Waterworks F Series B-1, 5% due 10/01/2033 (b)
- 1,090 Metropolitan Water District of Southern California, Waterworks F Series B-3, 5% due 10/01/2029 (f)
- 3,150 Midpeninsula Regional Open Space District Financing Authority, C Refunding Bonds, 5% due 9/01/2034 (a)
- 4,245 Nevada County, California, COP, Refunding, 5.25% due 10/01/2019

- 2,000 New Haven, California, Unified School District, GO, Refunding, 5
- 2,720 Oakland, California, GO (Measure DD), Series A, 5% due 1/15/2026
- 2,000 Oakland, California, State Building Authority, Lease Revenue Bon State Office Building), Series A, 5.50% due 4/01/2008 (a)(g)
- 6,360 Orange County, California, Public Financing Authority, Lease Rev (Juvenile Justice Center Facility), 5.375% due 6/01/2018 (a)
- 15,000 Orange County, California, Recovery COP, Refunding, Series A, 6%
- 10,000 Oxnard, California, Financing Authority, Wastewater Revenue Bond and Headworks Projects), Series A, 5.25% due 6/01/2034 (b)
- 9,645 Oxnard, California, Unified High School District, GO, Refunding, due 8/01/2030 (f)
- 1,275 Palm Springs, California, Financing Authority, Lease Revenue Ref (Convention Center Project), Series A, 5.50% due 11/01/2035 (f)
- 4,640 Palmdale, California, Water District Public Facility Corporation 10/01/2029 (b)
- 5,000 Placentia-Yorba Linda, California, Unified School District, COP,
- 5,000 Placentia-Yorba Linda, California, Unified School District, GO (Series C, 5% due 8/01/2029 (f)
- 9,520 Port of Oakland, California, RIB, AMT, Series 1192, 7.46% due 11
- 10,000 Port of Oakland, California, RITR, AMT, Class R, Series 5, 8.198
- 7,500 Port of Oakland, California, Revenue Bonds, AMT, Series K, 5.75%
- 3,000 Rio Hondo, California, Community College District, GO, Series A,
- 3,500 Rio Hondo, California, Community College District, GO, Series A, 8/01/2014 (f)(g)
- 3,000 Riverside, California, COP, 5% due 9/01/2028 (a)
- 6,000 Riverside, California, Unified School District, GO (Election of due 2/01/2023 (b)
- 4,500 Riverside County, California, Asset Leasing Corporation, Leaseho Bonds (Riverside County Hospital Project), Series B, 5.70% due 6
- 2,565 Saddleback Valley, California, Unified School District, GO, 5% d
- 5,000 San Bernardino, California, City Unified School District, GO, Se due 8/01/2028 (e)
 - 510 San Bernardino County, California, S/F Home Mortgage Revenue Ref Series A-1, 6.25% due 12/01/2031 (d)
- 2,665 San Diego, California, Community College District, GO (Election due 5/01/2030 (e)

- 3,570 San Diego County, California, COP (Salk Institute for Bio Studie due 7/01/2022 (f)
- 5,200 San Diego County, California, COP (Salk Institute for Bio Studie due 7/01/2031 (f)
- 7,350 San Diego County, California, Water Authority, Water Revenue Bon Series A, 5% due 5/01/2030 (e)
- 10,000 San Diego County, California, Water Authority, Water Revenue Bon Series A, 5% due 5/01/2031 (e)
- 9,630 San Francisco, California, Bay Area Rapid Transit District, Sale Refunding Bonds, Series A, 5% due 7/01/2030 (f)
- 10,500 San Francisco, California, Bay Area Rapid Transit District, Sale Refunding Bonds, Series A, 5% due 7/01/2034 (f)
 - 3,000 San Francisco, California, City and County Airport Commission, I Revenue Bonds, Second Series, Issue 12-B, 5.625% due 5/01/2006 (
 - 3,000 San Francisco, California, City and County Airport Commission, I Revenue Refunding Bonds, Second Series 28B, 5.25% due 5/01/2023
 - 6,455 San Francisco, California, City and County Airport Commission, I Revenue Refunding Bonds, Second Series 28B, 5.25% due 5/01/2024
- 1,000 San Francisco, California, City and County Airport Commission, I Special Facilities Lease Revenue Bonds (SFO Fuel Company LLC), A due 1/01/2020 (e)
 - 985 San Francisco, California, City and County Airport Commission, I Special Facilities Lease Revenue Bonds (SFO Fuel Company LLC), A due 1/01/2027 (e)
- 1,735 San Francisco, California, Community College District, GO, Refun Series A, 5.375% due 6/15/2019 (b)
- 1,730 San Francisco, California, Community College District, GO, Refun Series A, 5.375% due 6/15/2020 (b)
- 1,925 San Francisco, California, Community College District, GO, Refun Series A, 5.375% due 6/15/2021 (b)
- 4,135 San Jose, California, Airport Revenue Bonds, Series D, 5% due 3/
- 3,650 San Jose, California, Redevelopment Agency, Tax Allocation Bonds Series 149, 8.36% due 8/01/2027 (f)(h)
- 4,250 San Juan, California, Unified School District, GO (Election of 2 8/01/2028 (f)
- 1,700 San Mateo County, California, Community College District, COP, 5
- 4,350 San Mateo County, California, Transit District, Sales Tax Revenu Series A, 5% due 6/01/2029 (f)
- 2,595 Santa Clara, California, Redevelopment Agency, Tax Allocation Bo Project), Series A, 5.25% due 6/01/2019 (a)
- 5,500 Santa Clara, California, Subordinated Electric Revenue Bonds, Se

due 7/01/2028 (f)

- 1,100 Santa Clara Valley, California, Water District, Water Utility Sy Series A, 5.125% due 6/01/2031 (b)
- 3,000 Santa Rosa, California, High School District, GO, 5.375% due 8/0
- 2,500 Santa Rosa, California, High School District, GO (Election of 20 8/01/2028 (f)
- 6,750 Shasta, California, Joint Powers Financing Authority, Lease Reve Administration Building Project), Series A, 5% due 4/01/2033 (f)
- 1,645 South Tahoe, California, Joint Powers Financing Authority, Reven (South Tahoe Redevelopment Project Area Number 1), Series A, 5%
- 5,830 South Tahoe, California, Joint Powers Financing Authority, Reven (South Tahoe Redevelopment Project Area Number 1), Series A, 5%
- 5,000 Southern California Public Power Authority, Power Project Revenu Power Project), Series A-1, 5% due 7/01/2033 (a)
- 2,600 Stockton, California, Public Financing Authority, Water Revenue Capital Improvement Projects), Series A, 5% due 10/01/2031 (f)
- 1,055 Stockton, California, Public Financing Revenue Refunding Bonds, due 9/02/2016 (e)
- 2,660 Sweetwater, California, Union High School District, Public Finan Special Tax Revenue Bonds, Series A, 5% due 9/01/2027 (e)
- 2,315 Sweetwater, California, Union High School District, Public Finan Special Tax Revenue Bonds, Series A, 5% due 9/01/2029 (e)
- 1,500 Tehachapi, California, COP, Refunding (Installment Sale), 5.75%
- 6,000 Tracy, California, Community Development Agency, Tax Allocation Series A, 5% due 3/01/2034 (a)
- 3,000 Turlock, California, Public Finance Authority, Sewer Revenue Bon due 9/15/2033 (b)
- 8,720 University of California Revenue Bonds (Multiple Purpose Project due 9/01/2024 (e)
- 6,110 University of California Revenue Bonds (Multiple Purpose Project due 9/01/2033 (e)
- 4,790 University of California Revenue Bonds, Series 0, 5.125% due 9/0
- 6,130 Vacaville, California, Unified School District, GO (Election of due 8/01/2012 (e)(g)
- 3,395 Ventura County, California, Community College District, GO, Refu Series A, 5% due 8/01/2027 (f)
- 2,550 Vista, California, Unified School District, GO, Series B, 5% due
- 2,185 Walnut, California, Public Financing Authority, Tax Allocation F (Walnut Improvement Project), 5.375% due 9/01/2021 (a)
- 6,690 West Contra Costa, California, Unified School District, GO (Elec

Series B, 5% due 8/01/2032 (e)

Puerto Rico - 9.6% 20,000 Puerto Rico Commonwealth Infrastructure Financing Authority, Spe Appreciation Revenue Bonds, Series A, 4.56%** due 7/01/2029 (a) 5,500 Puerto Rico Commonwealth Infrastructure Financing Authority, Spe Appreciation Revenue Bonds, Series A, 4.77%** due 7/01/2043 (a) Puerto Rico Commonwealth, Public Improvement, GO, 5.75% due 7/01 4,335 4,075 Puerto Rico Commonwealth, Public Improvement, GO, 5.75% due 7/01 10,000 Puerto Rico Municipal Finance Agency, GO, RIB, Series 225, 8.19% due 8/01/2012 (e)(h) Puerto Rico Public Finance Corporation, Commonwealth Appropriati 20,000 Series E, 5.75% due 2/01/2007 (g) Total Municipal Bonds (Cost - \$753,256) - 152.4% Shares Held Short-Term Securities CMA California Municipal Money Fund (1) 9 Total Short-Term Securities (Cost - \$9) - 0% Total Investments (Cost - \$753,265*) - 152.4% Other Assets Less Liabilities - 1.3% Preferred Stock, at Redemption Value - (53.7%) Net Assets Applicable to Common Stock - 100.0%

* The cost and unrealized appreciation (depreciation) of investments as of January 31, 2006, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$	753 , 265
Gross unrealized appreciation Gross unrealized depreciation	Ş	29,688 (1,821)
Net unrealized appreciation	\$ =======	27,867

- ** Represents a zero coupon bond; the interest rate shown reflects the effective yield at the time of purchase.
- (a) AMBAC Insured.
- (b) FGIC Insured.
- (c) FHLMC Collateralized.
- (d) FNMA/GNMA Collateralized.

- (e) FSA Insured.
- (f) MBIA Insured.
- (g) Prerefunded.
- (h) The rate disclosed is that currently in effect. This rate changes periodically and inversely based upon prevailing market rates.
- (i) Security may have a maturity of more than one year at time of issuance, but has variable rate and demand features that qualify it as a short-term security. The rate disclosed is that currently in effect. This rate changes periodically based upon prevailing market rates.
- (j) Escrowed to maturity.
- (k) XL Capital Insured.
- (1) Investments in companies considered to be an affiliate of the Fund, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, were as follows:

Affiliate	Net Activity	Dividend Income
CMA California Municipal Money Fund	2	\$ 20

Item 2 - Controls and Procedures

- 2(a) The registrant's certifying officers have reasonably designed such disclosure controls and procedures to ensure material information relating to the registrant is made known to us by others particularly during the period in which this report is being prepared. The registrant's certifying officers have determined that the registrant's disclosure controls and procedures are effective based on our evaluation of these controls and procedures as of a date within 90 days prior to the filing date of this report.
- 2(b) There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the Act (17 CFR 270.30a-3(d)) that occurred during the last fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.
- Item 3 Exhibits

Certifications - Attached hereto

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.

MuniYield California Insured Fund, Inc.

By: /s/ Robert C. Doll, Jr.

Robert C. Doll, Jr. Chief Executive Officer MuniYield California Insured Fund, Inc.

Date: March 20, 2006

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.

Date: March 20, 2006

By: /s/ Donald C. Burke -------Donald C. Burke Chief Financial Officer MuniYield California Insured Fund, Inc.

Date: March 20, 2006