#### MUNIYIELD CALIFORNIA INSURED FUND INC

Form N-Q September 26, 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: 05/01/06 - 07/31/06

 ${\tt Item 1 - Schedule \ of \ Investments}$ 

MuniYield California Insured Fund, Inc.

Schedule of Investments as of July 31, 2006

	Face Amount	Municipal Bonds
California - 143.0%	\$ 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)
	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 8/01/2027 (f)
- 3,675 Bakersfield, California, COP, Refunding (Convention Center Expandue 4/01/2007 (f)(g)
  - 255 Bay Area Government Association, California, Tax Allocation Reve (California Redevelopment Agency Pool), Series A, 6% due 12/15/2

8/01/2021 (e)(i)

8/01/2023 (a)(i)

2/01/2033 (a)(i)

Series A, 5.50% due 6/01/2022 (e) (j)

Bay Area), Series F, 5% due 4/01/2031

2,700

2,500

14,600

2,750

440

210

Brentwood, California, Infrastructure Refinancing Authority, Inf 3,990 Refunding Bonds, Series A, 5.20% due 9/02/2029 (e) California Community College Financing Authority, Lease Revenue 5.95% due 12/01/2009 (f)(q) California Community College Financing Authority, Lease Revenue 1,100 due 12/01/2009 (f)(g) 5,000 California Educational Facilities Authority Revenue Bonds (University Revenue Bonds) Series A, 5.50% due 10/01/2032 California Educational Facilities Authority, Student Loan Revenu 11,565 Loan Program), AMT, 5.55% due 4/01/2028 (a) 2,140 California HFA, Home Mortgage Revenue Bonds, AMT, Series E, 5% d

Bay Area Toll Authority, California, Toll Bridge Revenue Refundi

California HFA, Home Mortgage Revenue Bonds, VRDN, AMT, Series N

California HFA, Home Mortgage Revenue Bonds, VRDN, AMT, Series F

California HFA, Home Mortgage Revenue Bonds, VRDN, Series F, 3.6

California Health Facilities Financing Authority Revenue Bonds (

California Rural Home Mortgage Finance Authority, S/F Mortgage F Backed Securities Program), AMT, Series A, 6.35% due 12/01/2029

California Rural Home Mortgage Finance Authority, S/F Mortgage F

Backed Securities Program), AMT, Series B, 6.25% due 12/01/2031

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) Certificates of Participation DRIVERS Derivative Inverse Tax-Exempt Receipts General Obligation Bonds HFA Housing Finance Agency RIB Residual Interest Bonds Residual Interest Trust Receipts RITR ROLS Reset Option Long Securities S/F Single-Family Variable Rate Demand Notes VRDN

MuniYield California Insured Fund, Inc.

Schedule of Inve	estments as of Ju	aly 31, 2006 (concluded)
	Face Amount	Municipal Bonds
California (concluded)	\$ 12,680	California State Department of Veteran Affairs, Home Purpose Rev Bonds, Series A, 5.35% due 12/01/2027 (a)
	860	California State, GO, 6.25% due 10/01/2019 (f)
	9,935	California State, GO, Refunding, DRIVERS, AMT, Series 239, 7.424
	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 Administrative Segregation Housing Units), Series A, 5.25% due 3
	16,675	California State Public Works Board, Lease Revenue Refunding Bon Corrections), Series B, 5.625% due 11/01/2016 (f)
	2,660	California State University, Systemwide Revenue Bonds, Series A, 11/01/2018 (b)
	2,720	California State University, Systemwide Revenue Refunding Bonds, due 11/01/2026 (a)
	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
	7,000	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)
	6,000	Chaffey, California, Union High School District, GO, Series C, 5
	3,000	Chino Valley, California, Unified School District, GO (Election 5.25% due 8/01/2030 (f)
	5,910	Chula Vista, California, Elementary School District, COP, 5% due
	2 275	Careballa Vallan California Unified Cabal District CO (District

Series A, 5% due 8/01/2025 (b)

due 10/01/2032 (e)

3,275 Coachella Valley, California, Unified School District, GO (Elect

2,540 Coalinga, California, Redevelopment Agency Tax Allocation Bonds,

4,135 Contra Costa, California, Water District, Water Revenue Refundin

- 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
  - 5,000 East Bay Municipal Utility District, California, Water System Re Series 1317-X, 6.14% due 6/01/2035 (f)(h)
  - 1,100 El Centro, California, Financing Authority, Water Revenue Bonds, 10/01/2035 (e)
  - 2,500 Fontana, California, Public Financing Authority, Subordinate Lie Revenue Bonds (North Fontana Redevelopment Project), Series A, 5
  - 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, GC
  due 8/01/2026 (b)
- 4,295 Fresno, California, Joint Powers Financing Authority, Lease Reve 5.75% due 6/01/2026 (e)
- 6,930 Fullerton, California, Public Financing Authority, Tax Allocation due 9/01/2027 (a)
- 4,390 Glendale, California, Electric Revenue Bonds, 5% due 2/01/2032 (
- 1,350 Glendora, California, Unified School District, GO (Election of 2 due 8/01/2027 (f)
- 2,700 Glendora, California, Unified School District, GO (Election of 2 due 8/01/2030 (f)
- 5,000 Hesperia, California, Community Redevelopment Agency, Tax Alloca 5% due 9/01/2025 (k)
- 2,500 La Quinta, California, Financing Authority, Local Agency Revenue 5.25% due 9/01/2024 (a)
- 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 5/15/2024 (h)
- 2,735 Long Beach, California, Harbor Revenue Refunding Bonds, AMT, Ser 5/15/2022 (f)
- 10,000 Los Angeles, California, Community Redevelopment Agency, Communi Financing Authority Revenue Bonds (Bunker Hill Project), Series
  - 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)
- 5,275 Los Angeles, California, Department of Airports, Airport Revenue 5.25% due 5/15/2019 (b)

- 2,435 Los Angeles, California, Department of Water and Power, Waterwor Series C, 5% due 7/01/2034 (f)
- 7,365 Los Angeles, California, Harbor Department Revenue Bonds, RIB, A 8.53% due 11/01/2026 (f)(h)
- 7,000 Los Angeles, California, Harbor Department Revenue Bonds, Trust Class R, Series 7, 8.482% due 11/01/2026 (f)(h)
- 2,880 Los Angeles, California, Unified School District, GO (Election of 5% due 7/01/2027 (b)
- 5,000 Los Angeles, California, Unified School District, GO (Election of 5% due 7/01/2030 (b)
- 7,000 Los Angeles, California, Unified School District, GO, Series E,
- 5,000 Los Angeles, California, Water and Power Revenue Bonds (Power Sy 5% due 7/01/2031 (e)
- 8,000 Los Angeles, California, Water and Power Revenue Refunding Bonds 6.051% due 1/01/2012 (f) (h)
- 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 Authors Revenue Refunding Bonds, Proposition A, First Tier Senior-Series 7/01/2027 (a)
- 6,500 Los Angeles County, California, Metropolitan Transportation Authors Revenue Refunding Bonds, Proposition A, First Tier Senior-Series 7/01/2035 (a)
- 2,000 Los Angeles County, California, Metropolitan Transportation Authors Revenue Refunding Bonds, Proposition C, Second Tier Senior-Series 7/01/2030 (b)
- 5,000 Los Angeles County, California, Public Works Financing Authority Refunding Bonds (Master Refunding Project), Series A, 5% due 12/
- 3,000 Los Rios, California, Community College District, GO (Election of 5% due 8/01/2027 (f)
- 2,010 Madera, California, Public Financing Authority, Water and Wastew Refunding Bonds, 5% due 3/01/2036 (f)
- 6,865 Merced, California, Community College District, GO (School Facil Number 1), 5% due 8/01/2031 (f)
- 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)
- 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

- 4,270 Oakland, California, Sewer Revenue Bonds, Series A, 5% due 6/15/
- 2,000 Oakland, California, State Building Authority, Lease Revenue Bon State Office Building), Series A, 5.50% due 4/01/2008 (a)(g)
- 1,245 Orange County, California, Airport Revenue Refunding Bonds, AMT,
- 6,360 Orange County, California, Public Financing Authority, Lease Rev (Juvenile Justice Center Facility), 5.375% due 6/01/2018 (a)
- 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, 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)
- 1,600 Pittsburg, California, Redevelopment Agency, Subordinate Tax All Medanos Community Development Project), VRDN, Series A, 3.62% du
- 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, 6.84% due 11
- 10,000 Port of Oakland, California, RITR, AMT, Class R, Series 5, 7.517
- 7,500 Port of Oakland, California, Revenue Bonds, AMT, Series K, 5.75%
- 3,000 Riverside, California, COP, 5% due 9/01/2028 (a)
- 6,000 Riverside, California, Unified School District, GO (Election of 5.25% due 2/01/2023 (b)
- 7,515 Riverside, California, Unified School District, GO (Election of due 8/01/2030 (f)
- 4,500 Riverside County, California, Asset Leasing Corporation, Leaseho Bonds (Riverside County Hospital Project), Series B, 5.70% due 6
- 3,100 Roseville, California, Financing Authority, Senior Lien Revenue Series A, 5% due 9/01/2025 (a)
- 3,000 Sacramento, California, City Financing Authority, Capital Improv (Community Rein Capital Program), Series A, 5% due 12/01/2036 (a
- 2,565 Saddleback Valley, California, Unified School District, GO, 5% d
- 5,000 San Bernardino, California, City Unified School District, GO, Se 8/01/2028 (e)
  - 385 San Bernardino County, California, S/F Home Mortgage Revenue Ref Series A-1, 6.25% due 12/01/2031 (d)
- 8,000 San Diego, California, Certificates of Undivided Interest, Reven

Series II-R-551X, 6.654% due 8/01/2024 (b)(h)

- 2,665 San Diego, California, Community College District, GO (Election
  due 5/01/2030 (e)
- 2,720 San Diego, California, Redevelopment Agency, Subordinate Tax All (Centre City Redevelopment Project), Series A, 5.25% due 9/01/20
- 2,860 San Diego, California, Redevelopment Agency, Subordinate Tax All (Centre City Redevelopment Project), Series A, 5.25% due 9/01/20
- 5,400 San Diego, California, Unified Port District, Revenue Refunding Series A, 5.25% due 9/01/2019 (f)
- 3,570 San Diego County, California, COP (Salk Institute for Bio Studie 7/01/2022 (f)
- 5,200 San Diego County, California, COP (Salk Institute for Bio Studie 7/01/2031 (f)
- 7,350 San Diego County, California, Water Authority, Water Revenue Bon 5% due 5/01/2030 (e)
- 10,000 San Diego County, California, Water Authority, Water Revenue Bon 5% due 5/01/2031 (e)
- 5,250 San Francisco, California, Bay Area Rapid Transit District, Sale Refunding Bonds, RIB, Series 1318-X, 6.14% due 7/01/2034 (f) (h)
- 9,630 San Francisco, California, Bay Area Rapid Transit District, Sale Refunding Bonds, Series A, 5% due 7/01/2030 (f)
- 3,000 San Francisco, California, City and County Airport Commission, I Airport Revenue Refunding Bonds, Second Series 28B, 5.25% due 5/
- 6,455 San Francisco, California, City and County Airport Commission, I Airport Revenue Refunding Bonds, Second Series 28B, 5.25% due 5/
- 1,000 San Francisco, California, City and County Airport Commission, I Special Facilities Lease Revenue Bonds (SFO Fuel Company LLC), A 6.10% due 1/01/2020 (e)
  - 985 San Francisco, California, City and County Airport Commission, I Special Facilities Lease Revenue Bonds (SFO Fuel Company LLC), Addue 1/01/2027 (e)
- 1,735 San Francisco, California, Community College District, GO, Refun 5.375% due 6/15/2019 (b)
- 1,730 San Francisco, California, Community College District, GO, Refun 5.375% due 6/15/2020 (b)
- 1,925 San Francisco, California, Community College District, GO, Refun 5.375% due 6/15/2021 (b)
- 4,135 San Jose, California, Airport Revenue Bonds, Series D, 5% due 3/
- 5,700 San Jose, California, Financing Authority, Lease Revenue Refundi Series 1280Z, 6.051% due 12/01/2010 (a)(h)
- 3,650 San Jose, California, Redevelopment Agency, Tax Allocation Bonds 7.74% due 8/01/2027 (f)(h)

- 4,250 San Juan, California, Unified School District, GO (Election of 2
- 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 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%
- 5,000 Southern California Public Power Authority, Power Project Revenue 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)
- 2,315 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 Bondue 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
- 3,395 Ventura County, California, Community College District, GO, Refu 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 Improvement Project), 5.375% due 9/01/2021 (a)

	6 <b>,</b> 690	West Contra Costa, California, Unified School District, GO (Elec B, 5% due 8/01/2032 (e)
Puerto Rico - 8.5%	20,000	Puerto Rico Commonwealth Infrastructure Financing Authority, Spe Appreciation Revenue Bonds, Series A, 4.56% due 7/01/2029 (a)(n)
	4,335	Puerto Rico Commonwealth, Public Improvement, GO, 5.75% due 7/01
	10,000	Puerto Rico Municipal Finance Agency, GO, RIB, Series 225, 7.58%
	20,000	Puerto Rico Public Finance Corporation, Commonwealth Appropriati Bonds, Series E, 5.75% due 2/01/2007 (g)
		Total Municipal Bonds (Cost - \$746,348) - 151.5%
	Shares Held	Short-Term Securities
	13,254	CMA California Municipal Money Fund, 3.07% (1)(m)
		Total Short-Term Securities (Cost - \$13,254) - 2.6%
		Total Investments (Cost - \$759,602*) - 154.1% Other Assets Less Liabilities - 0.5% Preferred Stock, at Redemption Value - (54.6%)
		Net Assets Applicable to Common Stock - 100.0%

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

	 :=======
Net unrealized appreciation	\$ 17,838
Gross unrealized appreciation Gross unrealized depreciation	\$ 20,229 (2,391)
Aggregate cost	\$ 759 <b>,</b> 602

- (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:

	Net	Dividend
Affiliate	Activity	Income
CMD California Municipal Manage Dund	12 247	¢0.6
CMA California Municipal Money Fund	13,247	\$96

- (m) Represents the current yield as of July 31, 2006.
- (n) Represents a zero coupon bond; the interest rate shown is the effective yield at the time of purchase.

#### 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: September 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.

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

Robert C. Doll, Jr. Chief Executive Officer

MuniYield California Insured Fund, Inc.

Date: September 20, 2006

By: /s/ Donald C. Burke

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Donald C. Burke

Chief Financial Officer

MuniYield California Insured Fund, Inc.

Date: September 20, 2006