

BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC.

Form N-CSR

October 07, 2010

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

FORM N-CSR

**CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT
INVESTMENT COMPANIES**

Investment Company Act file number 811-08573

Name of Fund: BlackRock MuniHoldings California Insured Fund, Inc. (MUC)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: Anne F. Ackerley, Chief Executive Officer, BlackRock
MuniHoldings California Insured Fund, Inc., 55 East 52nd Street, New York, NY 10055

Registrant's telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 07/31/2010

Date of reporting period: 07/31/2010

Item 1 Report to Stockholders

Annual Report

BlackRock MuniHoldings California Insured Fund, Inc. (MUC)

BlackRock MuniHoldings New Jersey Insured Fund, Inc. (MUJ)

BlackRock MuniYield Insured Investment Fund (MFT)

BlackRock MuniYield Michigan Insured Fund, Inc. (MIY)

BlackRock MuniYield New Jersey Insured Fund, Inc. (MJI)

BlackRock MuniYield Pennsylvania Insured Fund (MPA)

July 31, 2010

Not FDIC Insured No Bank Guarantee May Lose Value

Table of Contents

| | Page |
|--|------|
| Dear Shareholder | 3 |
| Annual Report: | |
| Fund Summaries | 4 |
| The Benefits and Risks of Leveraging | 10 |
| Derivative Financial Instruments | 10 |
| Financial Statements: | |
| Schedules of Investments | 11 |
| Statements of Assets and Liabilities | 32 |
| Statements of Operations | 33 |
| Statements of Changes in Net Assets | 34 |
| Statements of Cash Flows | 37 |
| Financial Highlights | 38 |
| Notes to Financial Statements | 44 |
| Report of Independent Registered Public Accounting Firm | 51 |
| Important Tax Information | 53 |
| Disclosure of Investment Advisory Agreements and Sub-Advisory Agreements | 54 |
| Automatic Dividend Reinvestment Plan | 58 |
| Officers and Directors | 59 |
| Additional Information | 62 |

2 ANNUAL REPORT

JULY 31, 2010

Dear Shareholder

The global economy is continuing to slowly improve, with the United States and emerging markets leading the way; however global and US economic

statistics show that the pace of economic growth has trailed off in recent months. Market volatility has remained elevated over the past several months as

investors remain uncertain about the future direction of economic growth. The sovereign debt crisis in Europe, slowing growth in China and concerns over

the possibility that the United States and other developed markets are heading for a double-dip recession have all acted to depress investor sentiment. It

is our view that the recent soft patch of economic data is just that a slowdown in the pace of recovery and not an indication that the economy is sliding

back into recession. In the United States, we expect to see slightly slower economic growth over the next several quarters; however, true double-dip

recessions are quite rare, and unless there is a major shock to the economy, we believe the recovery will continue.

Global equity markets have moved unevenly higher since bottoming out in early 2009 as investors were enticed by depressed valuations, improved corp-

orate earnings, and their desire for higher yields. Several significant downturns, however, have occurred primarily as a result of mixed economic data and

concerns about the possibility of prolonged deflation (especially in Europe). As the period drew to a close, equity markets were staging a muted recovery.

On a 12-month basis global equities were still showing positive returns thanks to improving corporate revenues and profits and a reasonably strong macro

backdrop. From a geographic perspective, US equities have significantly outpaced their international counterparts over the past six and twelve months, as

the domestic economic recovery has been more pronounced and credit-related issues have held European markets down. Within the United States, smaller

cap stocks have outperformed large caps year-to-date.

In fixed income markets, yields have fluctuated significantly over the past year as economic data has been mixed. Over recent months, risk aversion and

credit issues kept interest rates low and US Treasury yields have fallen significantly as investors favored safe haven assets. As the period drew to a close,

higher-risk fixed income assets performed well due to strong earnings announcements and better-than-expected results on European bank stress tests.

Meanwhile, tax-exempt municipal bonds slightly outperformed US investment grade bonds on a 12-month basis, but underperformed year-to-date as

investors rotated to the relative safety of Treasuries.

Regarding cash investments, yields on money market securities remain near all-time lows (producing returns only marginally above zero percent), with

the Federal Open Market Committee reiterating that economic circumstances are likely to necessitate an accommodative interest rate stance for an

extended period.

Against this backdrop, the major market averages posted the following returns:

| Total Returns as of July 31, 2010 | 6-month | 12-month |
|---|----------------|-----------------|
| US large cap equities (S&P 500 Index) | 3.61% | 13.84% |
| US small cap equities (Russell 2000 Index) | 8.79 | 18.43 |
| International equities (MSCI Europe, Australasia, Far East Index) | (0.62) | 6.26 |
| 3-month Treasury bill (BofA Merrill Lynch 3-Month Treasury Bill Index) | 0.06 | 0.16 |
| US Treasury securities (BofA Merrill Lynch 10-Year US Treasury Index) | 7.67 | 8.34 |
| US investment grade bonds (Barclays Capital US Aggregate Bond Index) | 4.85 | 8.91 |
| Tax-exempt municipal bonds (Barclays Capital Municipal Bond Index) | 4.06 | 9.15 |
| US high yield bonds (Barclays Capital US Corporate High Yield 2% Issuer Capped Index) | 6.72 | 23.69 |

Past performance is no guarantee of future results. Index performance shown for illustrative purposes only. You cannot invest directly in an index.

Although conditions are certainly better than they were a couple of years ago, global financial markets continue to face high volatility while questions about the strength and sustainability of the recovery abound. Through periods of uncertainty, as ever, BlackRock's full resources are dedicated to the management of our clients' assets. For additional market perspective and investment insight, visit www.blackrock.com/shareholdermagazine, where you'll find the most recent issue of our award-winning Shareholder® magazine, as well as its quarterly companion newsletter, Shareholder Perspectives. We thank you for entrusting BlackRock with your investments, and we look forward to your continued partnership in the months and years ahead.

THIS PAGE NOT PART OF YOUR FUND REPORT

Fund Summary as of July 31, 2010

BlackRock MuniHoldings California Insured Fund, Inc.

Fund Overview

BlackRock MuniHoldings California Insured Fund, Inc.'s (MUC) (the Fund) investment objective is to provide shareholders with current income exempt from federal and California income taxes. The Fund seeks to achieve its investment objective by investing primarily in municipal obligations exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax) and California income taxes. Under normal market conditions, the Fund invests at least 80% of its assets in investment grade municipal obligations with remaining maturities of one year or more at the time of investment that are covered by insurance guaranteeing the timely payment of principal at maturity and interest when due. The Fund may invest directly in such securities or synthetically through the use of derivatives. No assurance can be given that the Fund's investment objective will be achieved.

Performance

For the 12 months ended July 31, 2010, the Fund returned 22.40% based on market price, and 16.96% based on net asset value (NAV). For the same period, the closed-end Lipper Single-State Insured Municipal Debt Funds category posted an average return of 21.26% based on market price, and 14.03% based on NAV. All returns reflect reinvestment of dividends. The performance of the Lipper category does not necessarily correlate to that of the Fund, as the Lipper group is comprised of funds representing various states and not California alone. The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on market price and performance based on NAV. The following discussion relates to performance based on NAV. The Fund maintains a relatively generous degree of coupon interest income from its securities holdings, which was a positive factor. The tightening of credit quality spreads in the uninsured basket of the Fund's holdings also aided results. A fully-invested and slightly longer relative duration posture were additive too, as rates declined over the period. Throughout this period, the municipal market benefited from the Build America Bond Program, which effectively moved supply to the taxable market and, thus, alleviated supply pressure in the tax-exempt space. Management's focus on the quality of underlying credits while the market placed less value on monoline insurance also aided relative performance. However, downgrades of monoline insurers had a negative impact on performance in all funds that invest in bonds utilizing insurance wraps. Secondary market demand for insured municipals weakened, resulting in limited liquidity and widening spreads on insured bonds. Cash reserves held in the Fund during the period also detracted from performance, as cash underperformed longer maturity coupon bonds in an environment of falling rates and tightening spreads. The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Fund Information

| | |
|--|-------------------|
| Symbol on New York Stock Exchange (NYSE) | MUC |
| Initial Offering Date | February 27, 1998 |
| Yield on Closing Market Price as of July 31, 2010 (\$14.04) ¹ | 6.03% |
| Tax Equivalent Yield ² | 9.28% |
| Current Monthly Distribution per Common Share ³ | \$0.0705 |
| Current Annualized Distribution per Common Share ³ | \$0.8460 |
| Leverage as of July 31, 2010 ⁴ | 42% |

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² Tax equivalent yield assumes the maximum federal tax rate of 35%.

³ The Monthly Distribution per Share, declared on September 1, 2010, was increased to \$0.0735. The Yield on Closing Market Price, Current Monthly Distribution per Common Share

and Current Annualized Distribution per Common Share do not reflect the new distribution rate. The distribution rate is not constant and is subject to further change in the future.

⁴ Represents Auction Market Preferred Shares (Preferred Shares) and tender option bond trusts (TOBs) as a percentage of total managed assets, which is the total assets of the

Fund, including any assets attributable to Preferred Shares and TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see

The Benefits and Risks of Leveraging on page 10.

The table below summarizes the changes in the Fund's market price and NAV per share:

| | 7/31/10 | 7/31/09 | Change | High | Low |
|-----------------|---------|---------|--------|---------|---------|
| Market Price | \$14.04 | \$12.18 | 15.27% | \$14.11 | \$11.95 |
| Net Asset Value | \$14.55 | \$13.21 | 10.14% | \$14.82 | \$13.20 |

The following charts show the sector and credit quality allocations of the Fund's long-term investments:

| Sector Allocations | Credit Quality Allocations ⁵ | | | | |
|--|---|---------|----------------------|---------|-----|
| | 7/31/10 | 7/31/09 | 7/31/10 | 7/31/09 | |
| County/City/Special District/School District | 43% | 46% | AAA/Aaa | 48% | 37% |
| Utilities | 26 | 24 | AA/Aa | 32 | 29 |
| Education | 10 | 9 | A | 20 | 33 |
| Transportation | 10 | 13 | BBB/Baa | | 1 |
| Corporate | 5 | | Service | | |
| State | 4 | 4 | (Moody's) ratings. | | |
| Health | 2 | 4 | | | |

⁵ Using the higher of Standard & Poor's (S&P's) or Moody's Investors Service (Moody's) ratings.

Fund Summary as of July 31, 2010

BlackRock MuniHoldings New Jersey Insured Fund, Inc.

Fund Overview

BlackRock MuniHoldings New Jersey Insured Fund, Inc. s (MUJ) (the Fund) investment objective is to provide shareholders with current income exempt from federal income tax and New Jersey personal income taxes. The Fund seeks to achieve its investment objective by investing primarily in long-term, investment grade municipal obligations exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax) and New Jersey personal income taxes. Under normal market conditions, the Fund invests at least 80% of its assets in municipal obligations with remaining maturities of one year or more that are covered by insurance guaranteeing the timely payment of principal at maturity and interest at the time of investment. The Fund may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Fund s investment objective will be achieved.

Performance

For the 12 months ended July 31, 2010, the Fund returned 19.37% based on market price, and 11.95% based on NAV. For the same period, the closed-end Lipper Single-State Insured Municipal Debt Funds category posted an average return of 21.26% based on market price, and 14.03% based on NAV. All returns reflect reinvestment of dividends. The performance of the Lipper category does not necessarily correlate to that of the Fund, as the Lipper group is comprised of funds representing various states and not New Jersey alone. The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on market price and performance based on NAV. The following discussion relates to performance based on NAV. While the Fund benefited from increasing bond prices in the declining interest rate environment, its exposure to pre-refunded and escrowed issues detracted from performance as their shorter maturity structure limited their upward price movement. The Fund benefited from its allocation to the health sector, which performed well during the period. Positive investment income coupled with a low cost of leverage enabled the Fund to increase its dividend in 2010.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Fund Information

| | |
|--|----------------|
| Symbol on NYSE | MUJ |
| Initial Offering Date | March 11, 1998 |
| Yield on Closing Market Price as of July 31, 2010 (\$15.05) ¹ | 5.82% |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | |
|---|---------|
| Tax Equivalent Yield ² | 8.95% |
| Current Monthly Distribution per Common Share ³ | \$0.073 |
| Current Annualized Distribution per Common Share ³ | \$0.876 |
| Leverage as of July 31, 2010 ⁴ | 37% |

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² Tax equivalent yield assumes the maximum federal tax rate of 35%.

³ The monthly distribution per share, declared on September 1, 2010, was increased to \$0.0740. The Yield on Closing Market Price, Current Monthly Distribution per Common

Share and Current Annualized Distribution per Common Share do not reflect the new distribution rate. The new distribution rate is not constant and is subject to further change in the future.

⁴ Represents Preferred Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to Preferred Shares and

TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 10.

The table below summarizes the changes in the Fund's market price and NAV per share:

| | 7/31/10 | 7/31/09 | Change | High | Low |
|-----------------|---------|---------|--------|---------|---------|
| Market Price | \$15.05 | \$13.38 | 12.48% | \$15.07 | \$13.28 |
| Net Asset Value | \$15.19 | \$14.40 | 5.49% | \$15.51 | \$14.38 |

The following charts show the sector and credit quality allocations of the Fund's long-term investments:

| Sector Allocations | Credit Quality Allocations ⁵ | | | | |
|--|---|---------|------------------------|---------|---------|
| | 7/31/10 | 7/31/09 | | 7/31/10 | 7/31/09 |
| State | 30% | 35% | AAA/Aaa | 38% | 41% |
| Transportation | 18 | 15 | AA/Aa | 25 | 20 |
| County/City/Special District/ School District | | | A | 28 | 27 |
| Education | 17 | 17 | BBB/Baa | 7 | 9 |
| Health | 12 | 10 | Not Rated ⁶ | 2 | 3 |
| Housing | 9 | 9 | | | |
| Utilities | 6 | 7 | | | |
| Corporate | 6 | 5 | | | |
| Tobacco | 1 | 1 | | | |

⁵ Using the higher of S&P's and Moody's ratings.

⁶ The investment advisor has deemed certain of these non-rated securities to be of investment grade quality. As of July 31, 2010 and July 31, 2009, the market value of these securities was \$7,659,796, representing 2% and \$15,862,145, representing 3%, respectively, of the Fund's long-term investments.

JULY 31, 2010

5

Fund Summary as of July 31, 2010

BlackRock MuniYield Insured Investment Fund

Fund Overview

BlackRock MuniYield Insured Investment Fund's (MFT) (the Fund) investment objective is to provide shareholders with as high a level of current income exempt from federal income taxes as is consistent with its investment policies and prudent investment management. The Fund seeks to achieve its investment objective by investing at least 80% of its assets in municipal obligations exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax). Under normal market conditions, the Fund invests primarily in long-term municipal obligations that are investment grade quality at the time of investment and at least 80% of its assets in municipal obligations that are covered by insurance guaranteeing the timely payment of principal at maturity and interest when due. The Fund may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Fund's investment objective will be achieved.

Performance

For the 12 months ended July 31, 2010, the Fund returned 28.72% based on market price, and 14.99% based on NAV. For the same period, the closed-end Lipper Insured Municipal Debt Funds (Leveraged) category posted an average return of 24.23% based on market price, and 15.41% based on NAV. All returns reflect reinvestment of dividends. The Fund moved from a discount to NAV to a premium by period end, which accounts for the difference between performance based on market price and performance based on NAV. The following discussion relates to performance based on NAV. The Fund's holdings of Florida issues detracted from performance during the period as Florida underperformed the national market. The Fund continues to seek to reduce its exposure to Florida, however, this transition is prolonged due to the lack of availability in the national insured market and the limited liquidity of some of the Fund's Florida holdings. On the positive side, the Fund held health, utilities and housing bonds with maturities of 20 years and longer, which benefited performance as the municipal yield curve flattened over the last 12 months.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Fund Information

| | |
|--|------------------|
| Symbol on NYSE | MFT |
| Initial Offering Date | October 30, 1992 |
| Yield on Closing Market Price as of July 31, 2010 (\$14.28) ¹ | 5.97% |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | |
|---|---------|
| Tax Equivalent Yield ² | 9.18% |
| Current Monthly Distribution per Common Share ³ | \$0.071 |
| Current Annualized Distribution per Common Share ³ | \$0.852 |
| Leverage as of July 31, 2010 ⁴ | 38% |

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² Tax equivalent yield assumes the maximum federal tax rate of 35%.

³ The distribution rate is not constant and is subject to change.

⁴ Represents Preferred Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to Preferred Shares and

TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 10.

The table below summarizes the changes in the Fund's market price and NAV per share:

| | 7/31/10 | 7/31/09 | Change | High | Low |
|-----------------|---------|---------|--------|---------|---------|
| Market Price | \$14.28 | \$11.80 | 21.02% | \$14.38 | \$11.80 |
| Net Asset Value | \$13.87 | \$12.83 | 8.11% | \$14.20 | \$12.81 |

The following charts show the sector and credit quality allocations of the Fund's long-term investments:

| Sector Allocations | Credit Quality Allocations ⁵ | | | | |
|--|---|---------|---|---------|---------|
| | 7/31/10 | 7/31/09 | | 7/31/10 | 7/31/09 |
| Utilities | 27% | 28% | AAA/Aaa | 58% | 55% |
| County/City/Special District/School District | 26 | 22 | AA/Aa | 22 | 13 |
| | | | A | 17 | 27 |
| Transportation | 16 | 17 | Not Rated ⁶ | 3 | 5 |
| Health | 14 | 15 | | | |
| | | | ⁵ Using the higher of S&P's or Moody's ratings. | | |
| State | 11 | 10 | | | |
| | | | ⁶ The investment advisor has deemed certain of these non-rated securities to be of investment grade quality. As of July 31, 2010 and July 31, 2009, the market value of these securities was \$4,251,053, representing 2% and \$7,910,411, representing 5%, respectively, of the Fund's long-term investments. | | |
| Housing | 4 | 5 | | | |
| Education | 2 | 3 | | | |

6 ANNUAL REPORT

JULY 31, 2010

Fund Summary as of July 31, 2010

BlackRock MuniYield Michigan Insured Fund, Inc.

Fund Overview

BlackRock MuniYield Michigan Insured Fund, Inc. s (MIY) (the Fund) investment objective is to provide shareholders with as high a level of current income exempt from federal and Michigan income taxes as is consistent with its investment policies and prudent investment management. The Fund seeks to achieve its investment objective by investing at least 80% of its assets in municipal obligations exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax) and Michigan income taxes. Under normal market conditions, the Fund invests primarily in long-term municipal obligations that are investment grade quality at the time of investment and at least 80% of its assets in municipal obligations that are covered by insurance guaranteeing the timely payment of principal at maturity and interest when due. The Fund may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Fund s investment objective will be achieved.

Performance

For the 12 months ended July 31, 2010, the Fund returned 26.76% based on market price, and 14.31% based on NAV. For the same period, the closed-end Lipper Single-State Insured Municipal Debt Funds category posted an average return of 21.26% based on market price, and 14.03% based on NAV.

All returns reflect reinvestment of dividends. The performance of the Lipper category does not necessarily correlate to that of the Fund, as the Lipper group is comprised of funds representing various states and not Michigan alone. The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on market price and performance based on NAV. The following discussion relates to performance based on NAV.

The Fund benefited from its allocation to the health sector, which performed well during the period. Positive investment income coupled with a low cost of leverage enabled the Fund to increase its dividend at the end of 2009. While the Fund benefited from increasing bond prices in the declining interest rate environment, its exposure to pre-refunded and escrowed issues detracted from performance as their shorter maturity structure limited their upward price movement.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Fund Information

Symbol on NYSE

MIY

Initial Offering Date

October 30, 1992

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | |
|--|---------|
| Yield on Closing Market Price as of July 31, 2010 (\$14.55) ¹ | 6.19% |
| Tax Equivalent Yield ² | 9.52% |
| Current Monthly Distribution per Common Share ³ | \$0.075 |
| Current Annualized Distribution per Common Share ³ | \$0.900 |
| Leverage as of July 31, 2010 ⁴ | 37% |

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² Tax equivalent yield assumes the maximum federal tax rate of 35%.

³ The monthly distribution per share, declared on September 1, 2010, was increased to \$0.0765. The Yield on Closing Market Price, Current Monthly Distribution per Common Share and Current Annualized Distribution per Common Share do not reflect the new distribution rate. The new distribution rate is not constant and is subject to further change in the future.

⁴ Represents Preferred Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to Preferred Shares and TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 10.

The table below summarizes the changes in the Fund's market price and NAV per share:

| | 7/31/10 | 7/31/09 | Change | High | Low |
|-----------------|---------|---------|--------|---------|---------|
| Market Price | \$14.55 | \$12.25 | 18.78% | \$14.73 | \$12.18 |
| Net Asset Value | \$14.92 | \$13.93 | 7.11% | \$15.16 | \$13.91 |

The following charts show the sector and credit quality allocations of the Fund's long-term investments:

| Sector Allocations | Credit Quality Allocations ⁵ | | | | |
|--|---|---------|--|---------|-----|
| | 7/31/10 | 7/31/09 | 7/31/10 | 7/31/09 | |
| County/City/Special District/School District | 33% | 22% | AAA/Aaa | 43% | 32% |
| Health | 14 | 14 | AA/Aa | 26 | 22 |
| Utilities | 12 | 14 | A | 28 | 42 |
| Transportation | 12 | 11 | BBB/Baa | 1 | 2 |
| Corporate | 11 | 14 | Not Rated ⁶ | 2 | 2 |
| State | 9 | 12 | ⁵ Using the higher of S&P's or Moody's ratings. | | |
| Education | 6 | 10 | ⁶ The investment advisor has deemed certain of these non-rated securities to be of investment grade quality. As of July 31, 2010 and July 31, 2009, the market value of these securities was \$2,921,098, representing 1% and \$3,021,972, representing | | |
| Housing | 3 | 3 | | | |

1%, respectively, of the Fund's long-term investments.

ANNUAL REPORT

JULY 31, 2010

7

Fund Summary as of July 31, 2010

BlackRock MuniYield New Jersey Insured Fund, Inc.

Fund Overview

BlackRock MuniYield New Jersey Insured Fund, Inc.'s (MJY) investment objective is to provide shareholders with as high a level of current income exempt from federal income taxes and New Jersey personal income tax as is consistent with its investment policies and prudent investment management. The Fund seeks to achieve its investment objective by investing at least 80% of its assets in municipal obligations exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax) and New Jersey personal income taxes. Under normal market conditions, the Fund invests primarily in long-term municipal obligations that are investment grade quality at the time of investment and at least 80% of its assets in municipal obligations that are covered by insurance guaranteeing the timely payment of principal at maturity and interest when due. The Fund may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Fund's investment objective will be achieved.

Performance

For the 12 months ended July 31, 2010, the Fund returned 24.34% based on market price, and 13.90% based on NAV. For the same period, the closed-end Lipper Single-State Insured Municipal Debt Funds category posted an average return of 21.26% based on market price, and 14.03% based on NAV. All returns reflect reinvestment of dividends. The performance of the Lipper category does not necessarily correlate to that of the Fund, as the Lipper group is comprised of funds representing various states and not New Jersey alone. The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on market price and performance based on NAV. The following discussion relates to performance based on NAV. While the Fund benefited from increasing bond prices in the declining interest rate environment, its exposure to pre-refunded and escrowed issues detracted from performance as their shorter maturity structure limited their upward price movement. The Fund benefited from its allocation to the health sector, which performed well during the period. Positive investment income coupled with a low cost of leverage enabled the Fund to increase its dividend in 2010.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Fund Information

Symbol on NYSE
Initial Offering Date

MJI
October 30, 1992

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | |
|--|---------|
| Yield on Closing Market Price as of July 31, 2010 (\$14.92) ¹ | 5.79% |
| Tax Equivalent Yield ² | 8.91% |
| Current Monthly Distribution per Common Share ³ | \$0.072 |
| Current Annualized Distribution per Common Share ³ | \$0.864 |
| Leverage as of July 31, 2010 ⁴ | 34% |

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² Tax equivalent yield assumes the maximum federal tax rate of 35%.

³ The distribution rate is not constant and is subject to change.

⁴ Represents Preferred Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to Preferred Shares and

TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 10.

The table below summarizes the changes in the Fund's market price and NAV per share:

| | 7/31/10 | 7/31/09 | Change | High | Low |
|-----------------|---------|---------|--------|---------|---------|
| Market Price | \$14.92 | \$12.82 | 16.38% | \$15.16 | \$12.82 |
| Net Asset Value | \$15.00 | \$14.07 | 6.61% | \$15.38 | \$14.04 |

The following charts show the sector and credit quality allocations of the Fund's long-term investments:

| Sector Allocations | Credit Quality Allocations ⁵ | | | | |
|--|---|---------|---|---------|-----|
| | 7/31/10 | 7/31/09 | 7/31/10 | 7/31/09 | |
| State | 28% | 26% | AAA/Aaa | 31% | 32% |
| County/City/Special District/School District | 17 | 18 | AA/Aa | 23 | 22 |
| Education | 16 | 15 | A | 36 | 34 |
| Health | 10 | 10 | BBB/Baa | 5 | 8 |
| Transportation | 9 | 10 | Not Rated ⁶ | 5 | 4 |
| Utilities | 9 | 12 | ⁵ Using the higher of S&P's and Moody's ratings. | | |
| Housing | 7 | 7 | ⁶ The investment advisor has deemed certain of these non-rated securities to be of investment grade quality. As of July 31, 2010 and July 31, 2009, the market value of these securities was \$8,904,633, representing 5% and \$7,777,159, representing 4%, respectively, of the Fund's long-term investments. | | |
| Corporate | 3 | 1 | | | |
| Tobacco | 1 | 1 | | | |

Fund Summary as of July 31, 2010

BlackRock MuniYield Pennsylvania Insured Fund

Fund Overview

BlackRock MuniYield Pennsylvania Insured Fund's (MPA) (the Fund) investment objective is to provide shareholders with as high a level of current income exempt from federal and Pennsylvania income taxes as is consistent with its investment policies and prudent investment management. The Fund seeks to achieve its investment objective by investing at least 80% of its assets in municipal obligations exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax) and Pennsylvania income taxes. Under normal market conditions, the Fund invests primarily in long-term municipal obligations that are investment grade quality at the time of investment and at least 80% of its assets in municipal obligations that are covered by insurance guaranteeing the timely payment of principal at maturity and interest when due. The Fund may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Fund's investment objective will be achieved.

Performance

For the 12 months ended July 31, 2010, the Fund returned 25.70% based on market price, and 14.18% based on NAV. For the same period, the closed-end Lipper Single-State Insured Municipal Debt Funds category posted an average return of 21.26% based on market price, and 14.03% based on NAV. All returns reflect reinvestment of dividends. The performance of the Lipper category does not necessarily correlate to that of the Fund, as the Lipper group is comprised of funds representing various states and not Pennsylvania alone. The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on market price and performance based on NAV. The following discussion relates to performance based on NAV. The Fund benefited from its increased exposure to interest rate-sensitive bonds as tax-exempt, 30-year interest rates rallied 70 basis points (0.70%) lower over the period. Broader market recognition of the value of tightly held issuers also had a positive impact on performance as valuations on such holdings were pushed higher. Detracting from performance was the Fund's exposure to zero-coupon bonds, which remained out of favor with investors and underperformed current coupon bonds throughout the period.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Fund Information

Symbol on NYSE

MPA

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | |
|--|------------------|
| Initial Offering Date | October 30, 1992 |
| Yield on Closing Market Price as of July 31, 2010 (\$15.26) ¹ | 5.66% |
| Tax Equivalent Yield ² | 8.71% |
| Current Monthly Distribution per Common Share ³ | \$0.072 |
| Current Annualized Distribution per Common Share ³ | \$0.864 |
| Leverage as of July 31, 2010 ⁴ | 37% |

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² Tax equivalent yield assumes the maximum federal tax rate of 35%.

³ The monthly distribution per share, declared on September 1, 2010, was increased to \$0.0745. The Yield on Closing Market Price, Current Monthly Distribution per Common

Share and Current Annualized Distribution per Common Share do not reflect the new distribution rate. The new distribution rate is not constant and is subject to further change in the future.

⁴ Represents Preferred Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to Preferred Shares and

TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 10.

The table below summarizes the changes in the Fund's market price and NAV per share:

| | 7/31/10 | 7/31/09 | Change | High | Low |
|-----------------|---------|---------|--------|---------|---------|
| Market Price | \$15.26 | \$12.87 | 18.57% | \$15.27 | \$12.80 |
| Net Asset Value | \$15.38 | \$14.28 | 7.70% | \$15.64 | \$14.25 |

The following charts show the sector and credit quality allocations of the Fund's long-term investments:

| Sector Allocations | Credit Quality Allocations ⁵ | | | | |
|--|---|---------|---------|---------|-----|
| | 7/31/10 | 7/31/09 | 7/31/10 | 7/31/09 | |
| County/City/Special District/School District | 29% | 38% | AAA/Aaa | 41% | 39% |
| State | 23 | 15 | AA/Aa | 42 | 42 |
| Health | 12 | 9 | A | 16 | 18 |
| | | | BBB/Baa | 1 | 1 |
| Utilities | 12 | 11 | | | |
| Transportation | 12 | 11 | | | |
| Education | 5 | 6 | | | |
| Housing | 4 | 4 | | | |
| Corporate | 3 | 6 | | | |

⁵ Using the higher of S&P's or Moody's ratings.

ANNUAL REPORT

JULY 31, 2010

The Benefits and Risks of Leveraging

The Funds may utilize leverage to seek to enhance the yield and NAV of their Common Shares. However, these objectives cannot be achieved in all interest rate environments.

To leverage, the Funds issue Preferred Shares, which pay dividends at prevailing short-term interest rates, and invest the proceeds in long-term municipal bonds. In general, the concept of leveraging is based on the premise that the financing cost of assets to be obtained from leverage will be based on short-term interest rates, which normally will be lower than the income earned by each Fund on its longer-term portfolio investments. To the extent that the total assets of each Fund (including the assets obtained from leverage) are invested in higher-yielding portfolio investments, each Fund's Common Shareholders will benefit from the incremental net income.

To illustrate these concepts, assume a Fund's Common Shares capitalization is \$100 million and it issues Preferred Shares for an additional \$50 million, creating a total value of \$150 million available for investment in long-term municipal bonds. If prevailing short-term interest rates are 3% and long-term interest rates are 6%, the yield curve has a strongly positive slope. In this case, the Fund pays dividends on the \$50 million of Preferred Shares based on the lower short-term interest rates. At the same time, the securities purchased by the Fund with assets received from the Preferred Shares issuance earn income based on long-term interest rates. In this case, the dividends paid to Preferred Shareholders are significantly lower than the income earned on the Fund's long-term investments, and therefore the Common Shareholders are the beneficiaries of the incremental net income.

If short-term interest rates rise, narrowing the differential between short-term and long-term interest rates, the incremental net income pickup on the Common Shares will be reduced or eliminated completely. Furthermore, if prevailing short-term interest rates rise above long-term interest rates of 6%, the yield curve has a negative slope. In this case, the Fund pays dividends on the higher short-term interest rates whereas the Fund's total portfolio earns income based on lower long-term interest rates.

Furthermore, the value of the Fund's portfolio investments generally varies inversely with the direction of long-term interest rates, although other factors can influence the value of portfolio investments. In contrast, the redemption value of the Fund's Preferred Shares does not fluctuate in relation to interest rates. As a result, changes in interest rates can influence the Fund's NAV positively or negatively in addition to the impact on Fund performance from leverage from Preferred Shares discussed above.

The Funds may also leverage their assets through the use of tender option

bond (TOB) programs, as described in Note 1 of the Notes to Financial

Statements. TOB investments generally will provide the Funds with economic benefits in periods of declining short-term interest rates, but expose the Funds to risks during periods of rising short-term interest rates similar to those associated with Preferred Shares issued by the Funds, as described above. Additionally, fluctuations in the market value of municipal bonds deposited into the TOB trust may adversely affect each Fund's NAV per share.

The use of leverage may enhance opportunities for increased returns to the Funds and Common Shareholders, but as described above, it also creates risks as short- or long-term interest rates fluctuate. Leverage also will generally cause greater changes in the Funds' NAV, market price and dividend rate than a comparable portfolio without leverage. If the income derived from securities purchased with assets received from leverage exceeds the cost of leverage, the Funds' net income will be greater than if leverage had not been used. Conversely, if the income from the securities purchased is not sufficient to cover the cost of leverage, the Funds' net income will be less than if leverage had not been used, and therefore the amount available for distribution to Common Shareholders will be reduced. Each Fund may be required to sell portfolio securities at inopportune times or at distressed values in order to comply with regulatory requirements applicable to the use of leverage or as required by the terms of leverage instruments, which may cause a Fund to incur losses. The use of leverage may limit each Fund's ability to invest in certain types of securities or use certain types of hedging strategies, such as in the case of certain restrictions imposed by ratings agencies that rate preferred shares issued by the Funds. Each Fund will incur expenses in connection with the use of leverage, all of which are borne by Common Shareholders and may reduce income to the Common Shares.

Under the Investment Company Act of 1940, the Funds are permitted to issue Preferred Shares in an amount of up to 50% of their total managed assets at the time of issuance. Under normal circumstances, each Fund anticipates that the total economic leverage from Preferred Shares and/or TOBs will not exceed 50% of its total managed assets at the time such leverage is incurred. As of July 31, 2010, the Funds had economic leverage from Preferred Shares and/or TOBs as a percentage of their total managed assets as follows:

| | Percent of Leverage |
|-----|--------------------------------|
| MUC | 42% |
| MUJ | 37% |
| MFT | 38% |
| MIY | 37% |
| MJI | 34% |
| MPA | 37% |

Derivative Financial Instruments

The Funds may invest in various derivative instruments, including financial futures contracts, as specified in Note 2 of the Notes to Financial Statements, which may constitute forms of economic leverage. Such instruments are used to obtain exposure to a market without owning or taking physical custody of securities or to hedge market and/or interest rate risks. Such derivative instruments involve risks, including the imperfect correlation between the value of a derivative instrument and the underlying asset, possible default of the counterparty to the transaction or illiquidity of the derivative instrument. Each Fund's ability to successfully use a derivative

instrument depends on the investment advisor's ability to accurately predict pertinent market movements, which cannot be assured. The use of derivative instruments may result in losses greater than if they had not been used, may require a Fund to sell or purchase portfolio securities at inopportune times or for distressed values, may limit the amount of appreciation a Fund can realize on an investment, may result in lower dividends paid to shareholders or may cause a Fund to hold a security that it might otherwise sell. The Funds' investments in these instruments are discussed in detail in the Notes to Financial Statements.

10 ANNUAL REPORT

JULY 31, 2010

Schedule of Investments July 31, 2010

BlackRock MuniHoldings California Insured Fund, Inc. (MUC)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|--------------|--------------|
| Municipal Bonds | | |
| California 102.4% | | |
| Corporate 0.5% | | |
| City of Chula Vista California, Refunding RB, San Diego Gas & Electric, Series A, 5.88%, 2/15/34 | \$ 2,435 | \$ 2,691,673 |
| County/City/Special District/School District 43.4% | | |
| Alameda County Joint Powers Authority, Refunding RB, Lease (AGM), 5.00%, 12/01/34 | 13,180 | 13,179,077 |
| Bonita Unified School District California, GO, Election of 2004, Series B: (BHAC), 5.00%, 8/01/31 | 5,000 | 5,162,100 |
| (NPFGC), 5.00%, 8/01/29 | 8,350 | 8,629,558 |
| Central Unified School District, GO, Election of 2008, Series A (AGC), 5.63%, 8/01/33 | 2,600 | 2,806,570 |
| City of Garden Grove California, COP, Series A, Financing Project (AMBAC), 5.50%, 3/01/26 | 4,040 | 4,239,778 |
| City of Lodi California, COP, Refunding, Series A (AGM), 5.00%, 10/01/32 | 2,030 | 2,053,020 |
| City of Redding California, COP, Refunding, Series A (AGM), 5.00%, 6/01/30 | 5,000 | 5,133,350 |
| Colton Joint Unified School District, GO, Series A (NPFGC), 5.38%, 8/01/26 | 2,500 | 2,666,100 |
| Corona Department of Water & Power, COP (NPFGC), 5.00%, 9/01/29 | 5,910 | 5,981,156 |
| Corona-Norca Unified School District California, GO, Election of 2006, Series A (AGM), 5.00%, 8/01/31 | 5,000 | 5,121,600 |
| County of Kern California, COP, Capital Improvements Projects, Series A (AGC), 6.00%, 8/01/35 | 3,500 | 3,898,930 |
| Covina-Valley Unified School District California, GO, Refunding, Series A (AGM), 5.50%, 8/01/26 | 2,395 | 2,539,227 |
| Culver City Redevelopment Finance Authority California, Tax Allocation Bonds, Refunding, Series A (AGM), 5.60%, 11/01/25 | 3,750 | 3,834,863 |
| East Side Union High School District-Santa Clara | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|--------|------------|
| County California, GO, CAB, Election of 2002, Series E (Syncora), 5.12%, 8/01/28 (a) | 11,000 | 3,582,260 |
| Fullerton Joint Union High School District California, GO, Election of 2002, Series B (NPFGC), 5.00%, 8/01/29 | 6,685 | 6,878,464 |
| Jurupa Public Financing Authority, RB, Superior Lien, Series A (AGM) (b): 5.00%, 9/01/30 | 4,000 | 4,000,000 |
| 5.00%, 9/01/33 | 2,000 | 1,986,420 |
| 5.00%, 9/01/39 | 3,000 | 2,954,730 |
| Los Angeles Community Redevelopment Agency California, RB, Bunker Hill Project, Series A (AGM), 5.00%, 12/01/27 | 10,000 | 10,166,800 |
| Los Angeles County Metropolitan Transportation Authority, Refunding RB, Proposition A, First Tier, Senior Series A (AMBAC), 5.00%, 7/01/35 | 9,000 | 9,312,660 |
| Los Angeles Unified School District California, GO, Election of 2004, Series H (AGM), 5.00%, 7/01/32 | 2,250 | 2,296,058 |
| Los Gatos Union School District California, GO, Election of 2001, Series B (AGM), 5.00%, 8/01/30 | 2,735 | 2,783,765 |

| | Par (000) | Value |
|--|--------------|--------------|
| Municipal Bonds | | |
| California (continued) | | |
| County/City/Special District/School District (continued) | | |
| Marin Community College District, GO, Election of 2004, Series A (NPFGC), 5.00%, 8/01/28 | \$ 5,885 | \$ 6,090,092 |
| Marysville Joint Unified School District California, GO, Election of 2008 (AGC), 5.13%, 8/01/34 | 6,915 | 7,123,556 |
| Merced Community College District California, GO, School Facilities Improvement District No. 1 (NPFGC), 5.00%, 8/01/31 | 6,340 | 6,392,305 |
| Port of Oakland, Refunding RB, Series M, AMT (NPFGC), 5.38%, 11/01/27 | 22,465 | 22,484,320 |
| Poway Unified School District, Special Tax Bonds (AMBAC), 5.00%, 9/15/31 | 3,960 | 3,903,887 |
| Redlands Unified School District California, GO, Election of 2008 (AGM), 5.25%, 7/01/33 | 5,000 | 5,210,100 |
| Redwoods Community College District, GO, Election of 2004 (NPFGC), 5.00%, 8/01/31 | 4,630 | 4,698,709 |
| Riverside Unified School District California, GO, Election | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|--------|------------|
| of 2001, Series B (NPFGC), 5.00%, 8/01/30 | 10,735 | 10,868,114 |
| Saddleback Valley Unified School District California, GO (AGM), 5.00%, 8/01/29 | 4,115 | 4,225,982 |
| Salinas Union High School District California, GO, Election of 2002, Series B (NPFGC), 5.00%, 6/01/26 | 3,490 | 3,594,735 |
| San Diego Community College District California, GO, Election of 2002 (AGM), 5.00%, 5/01/30 | 7,000 | 7,213,080 |
| San Francisco Community College District California, GO, Election of 2001, Series C (AGM), 5.00%, 6/15/31 | 4,195 | 4,343,629 |
| San Jose Evergreen Community College District California, GO, Refunding, CAB, Election of 2004, Series A (NPFGC), 5.17%, 9/01/24 (a) | 10,410 | 5,087,992 |
| San Juan Unified School District California, GO, Election of 2002 (NPFGC), 5.00%, 8/01/28 | 4,250 | 4,362,030 |
| San Mateo County Transportation District California, Refunding RB, Series A (NPFGC), 5.00%, 6/01/29 | 5,650 | 5,906,002 |
| Sanger Unified School District California, GO, Election of 2006, Series A (AGM), 5.00%, 8/01/27 | 7,345 | 7,685,000 |
| Santa Clara Redevelopment Agency California, Tax Allocation Bonds, Bayshore North Project, Series A (AMBAC), 5.50%, 6/01/23 | 10,000 | 10,062,700 |
| Santa Rosa High School District California, GO, Election of 2002 (NPFGC), 5.00%, 8/01/28 | 2,855 | 2,885,092 |
| Sierra Joint Community College District California, GO, Improvement District No. 2-Western Nevada County Campus, Series A (NPFGC), 5.00%, 8/01/28 | 1,550 | 1,590,858 |
| Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC), 5.75%, 9/01/38 | 5,635 | 6,279,869 |
| Vista Unified School District California, GO, Series B (NPFGC), 5.00%, 8/01/28 | 2,550 | 2,617,218 |
| Walnut Valley Unified School District California, GO, Election of 2007, Measure S, Series A (AGM), 5.00%, 2/01/33 | 2,000 | 2,061,160 |

Portfolio Abbreviations

| | | | | |
|--|-------------|------------------------------------|------------|-------------------------------|
| To simplify the listings of portfolio holdings in the Schedules of Investments, the names and descriptions of many of the securities have been abbreviated according | BHAC | Berkshire Hathaway Assurance Corp. | GO | General Obligation Bonds |
| | CAB | Capital Appreciation Bonds | HDA | Housing Development Authority |
| | CIFG | CDC IXIS Financial Guaranty | HFA | Housing Finance Agency |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

to the following list:

| | | | | | |
|--------------|---|-------------|----------------------------------|--------------|-----------------------------|
| | | COP | Certificates of Participation | HRB | Housing Revenue Bonds |
| | | | | | Industrial Development |
| | | EDA | Economic Development Authority | IDA | Authority |
| ACA | ACA Financial Guaranty Corp. | EDC | Economic Development Corp. | ISD | Independent School District |
| AGC | Assured Guaranty Corp. | ERB | Education Revenue Bonds | LRB | Lease Revenue Bonds |
| | | | | | National Public Finance |
| AGM | Assured Guaranty Municipal Corp. American Municipal Bond Assurance | FGIC | Financial Guaranty Insurance Co. | NPFGC | Guarantee Corp. |
| AMBAC | Corp. | FHA | Federal Housing Administration | RB | Revenue Bonds |
| AMT | Alternative Minimum Tax (subject to) | GAN | Grant Anticipation Notes | S/F | Single-Family |
| | | GARB | General Airport Revenue Bonds | | |

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

11

Schedule of Investments (continued)

BlackRock MuniHoldings California Insured Fund, Inc. (MUC)

(Percentages shown are based on Net Assets)

| Municipal Bonds | Par (000) | Value |
|--|--------------|--------------|
| California (continued) | | |
| County/City/Special District/School District (concluded) | | |
| West Contra Costa Unified School District California, GO (AGM): | | |
| Election of 2002, Series B, 5.00%, 8/01/32 | \$ 6,690 | \$ 6,693,746 |
| Election of 2005, Series A, 5.00%, 8/01/26 | 2,595 | 2,646,718 |
| Westminster Redevelopment Agency California, Tax Allocation Bonds, Subordinate, Commercial Redevelopment Project No. 1 (AGC), 6.25%, 11/01/39 | | |
| | 4,300 | 4,918,985 |
| | | 258,152,365 |
| Education 8.6% | | |
| California State Public Works Board, RB, University of California, Institute Project, Series C (AMBAC), 5.00%, 4/01/30 | | |
| | 5,000 | 5,039,000 |
| California State University, RB, Systemwide, Series A (AGM), 5.00%, 11/01/39 | | |
| | 6,950 | 7,024,226 |
| California State University, Refunding RB, Systemwide, Series A (AGM), 5.00%, 11/01/29 | | |
| | 5,000 | 5,135,500 |
| Escondido Union High School District, COP (AGM), 5.00%, 6/01/37 | | |
| | 1,250 | 1,238,975 |
| Riverside Community College District, GO, Election of 2004, Series C (AGM), 5.00%, 8/01/32 | | |
| | 8,750 | 9,010,312 |
| San Diego Community College District, GO, Election of 2006 (AGM), 5.00%, 8/01/30 | | |
| | 6,360 | 6,654,150 |
| University of California, RB, Limited Project, Series D (AGM), 5.00%, 5/15/37 | | |
| | 5,950 | 6,157,239 |
| University of California, Refunding RB, General, Series A (AMBAC), 5.00%, 5/15/27 | | |
| | 10,500 | 11,049,885 |
| | | 51,309,287 |
| Health 2.5% | | |
| ABAG Finance Authority for Nonprofit Corps, Refunding RB, Sharp Healthcare, 6.25%, 8/01/39 | | |
| | 5,000 | 5,521,100 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|--------------|--------------------------|
| California Health Facilities Financing Authority, Refunding RB, Catholic Healthcare West, Series A, 6.00%, 7/01/34 | 3,700 | 3,988,304 |
| California Statewide Communities Development Authority, RB, Health Facility, Memorial Health Services, Series A, 6.00%, 10/01/23 | 4,915 | 5,139,271 14,648,675 |
| State 6.6% | | |
| California Community College Financing Authority, RB, Grossmont-Palomar-Shasta, Series A (NPFGC), 5.63%, 4/01/26 | 2,180 | 2,209,060 |
| California State Public Works Board, RB, Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34 | 3,500 | 3,768,450 |
| California State University, Refunding RB, Systemwide, Series C (NPFGC), 5.00%, 11/01/28 | 16,215 | 16,757,878 |
| State of California, GO, Various Purpose: 6.00%, 3/01/33 | 5,000 | 5,412,500 |
| 6.50%, 4/01/33 | 10,000 | 11,246,100 39,393,988 |
| Transportation 16.7% | | |
| City of Fresno California, RB, Series B, AMT (AGM), 5.50%, 7/01/20 | 4,455 | 4,501,332 |
| City of San Jose California, Refunding RB, Series A, AMT (AGM), 5.50%, 3/01/19 | 5,220 | 5,766,169 |
| County of Orange California, RB, Series B, 5.75%, 7/01/34 | 6,345 | 6,910,149 |
| County of Sacramento California, RB, Senior Series B: 5.75%, 7/01/39 | 2,650 | 2,868,519 |
| AMT (AGM), 5.75%, 7/01/28 | 13,170 | 13,879,204 |
| AMT (AGM), 5.25%, 7/01/33 | 19,525 | 19,561,707 |
| | Par | Value |
| Municipal Bonds | (000) | |
| California (concluded) | | |
| Transportation (concluded) | | |
| Port of Oakland, RB, Series K, AMT (NPFGC), 5.75%, 11/01/29 | \$ 19,660 | \$ 19,660,983 |
| San Francisco City & County Airports Commission, RB, Series E, 6.00%, 5/01/39 | 9,650 | 10,657,557 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|--------|-------------|
| San Francisco City & County Airports Commission, Refunding RB, Second Series 34E, AMT (AGM), 5.75%, 5/01/24 | 5,000 | 5,411,650 |
| San Mateo County Transportation Authority, Refunding RB, Series A (NPFGC), 5.00%, 6/01/32 | 10,000 | 10,249,500 |
| | | 99,466,770 |
| Utilities 24.1% | | |
| City of Escondido California, COP, Refunding, Series A (NPFGC), 5.75%, 9/01/24 | 465 | 471,422 |
| City of Glendale California, RB (AGC), 5.00%, 2/01/31 | 5,030 | 5,224,359 |
| City of Santa Clara California, RB, Sub-Series A (NPFGC), 5.00%, 7/01/28 | 6,050 | 6,111,892 |
| East Bay Municipal Utility District, RB, Sub-Series A (NPFGC), 5.00%, 6/01/35 | 150 | 155,460 |
| East Bay Municipal Utility District, Refunding RB, Sub-Series A (AMBAC), 5.00%, 6/01/33 | 6,545 | 6,892,736 |
| Los Angeles Department of Water & Power, RB (AMBAC), System: | | |
| Sub-Series A-1, 5.00%, 7/01/36 | 4,610 | 4,742,906 |
| Sub-Series A-2, 5.00%, 7/01/35 | 1,150 | 1,183,764 |
| Metropolitan Water District of Southern California, RB, Series B-1 (NPFGC), 5.00%, 10/01/33 | 9,000 | 9,262,260 |
| Oxnard Financing Authority, RB (NPFGC): Project, 5.00%, 6/01/31 | 10,000 | 10,044,500 |
| Redwood Trunk Sewer & Headworks, Series A, 5.25%, 6/01/34 | 13,000 | 13,210,990 |
| Sacramento City Financing Authority California, Refunding RB (NPFGC), 5.00%, 12/01/29 | 8,775 | 8,742,094 |
| Sacramento Municipal Utility District, RB, Cosumnes Project (NPFGC), 5.13%, 7/01/29 | 36,760 | 37,500,714 |
| San Francisco City & County Public Utilities Commission, RB: | | |
| Series A (NPFGC), 5.00%, 11/01/32 | 15,000 | 15,277,050 |
| Series B, 5.00%, 11/01/30 | 16,705 | 17,931,815 |
| Turlock Public Financing Authority California, RB, Series A (NPFGC), 5.00%, 9/15/33 | 6,655 | 6,746,772 |
| | | 143,498,734 |
| Total Municipal Bonds 102.4% | | 609,161,492 |

Municipal Bonds Transferred to

Tender Option Bond Trusts (c)

California 58.9%

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

Corporate 7.1%

| | | |
|--|--------|------------|
| San Francisco Bay Area Rapid Transit District, Refunding RB, Series A (NPFGC), 5.00%, 7/01/30 | 23,100 | 24,237,213 |
| University of California, RB, Limited Project, Series B (AGM), 5.00%, 5/15/33 | 17,397 | 17,744,198 |
| | | 41,981,411 |

County/City/Special District/School District 26.2%

| | | |
|--|--------|------------|
| Contra Costa Community College District California, GO, Election of 2002 (NPFGC), 5.00%, 8/01/28 | 7,800 | 8,021,910 |
| Desert Community College District California, GO, Series C (AGM), 5.00%, 8/01/37 | 16,530 | 16,852,666 |
| Los Angeles Community College District California, GO: Series A, Election of 2001 (NPFGC), 5.00%, 8/01/32 | 6,647 | 6,809,121 |
| Series A, Election of 2008, 6.00%, 8/01/33 | 9,596 | 10,826,270 |
| Series E, Election of 2003 (AGM), 5.00%, 8/01/31 | 11,216 | 11,508,373 |

See Notes to Financial Statements.

12 ANNUAL REPORT

JULY 31, 2010

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|--------|-------------|
| East Bay Municipal Utility District, RB, Sub-Series A (NPFGC), 5.00%, 6/01/35 | 12,070 | 12,509,348 |
| East Bay Municipal Utility District, Refunding RB, Sub-Series A (AMBAC), 5.00%, 6/01/37 | 14,510 | 15,210,398 |
| Los Angeles Department of Water & Power, RB, Power System (AGM): | | |
| Sub-Series A-1, 5.00%, 7/01/31 | 4,993 | 5,177,267 |
| Sub-Series A-2, 5.00%, 7/01/35 | 7,500 | 7,720,200 |
| Metropolitan Water District of Southern California, RB, Series A (AGM), 5.00%, 7/01/35 | 12,870 | 13,386,730 |
| Rancho Water District Financing Authority, Refunding RB, Series A (AGM), 5.00%, 8/01/34 | 5,008 | 5,164,859 |
| Sacramento Regional County Sanitation District, RB, Sacramento Regional County Sanitation (NPFGC), 5.00%, 12/01/36 | 4,500 | 4,607,145 |
| San Diego County Water Authority, COP, Refunding: | | |
| Series 2002-A (NPFGC), 5.00%, 5/01/32 | 10,000 | 10,118,700 |
| Series 2008-A (AGM), 5.00%, 5/01/33 | 16,740 | 17,381,477 |
| San Diego County Water Authority, COP, Series A (AGM), 5.00%, 5/01/31 | 4,000 | 4,106,840 |
| | | 104,750,140 |
| Total Municipal Bonds Transferred to Tender Option Bond Trusts 58.9% | | 350,364,211 |
| Total Long-Term Investments (Cost \$945,641,151) 161.3% | | 959,525,703 |

| Short-Term Securities | Shares | Value |
|--|---------------|----------------|
| BIF California Municipal Money Fund, 0.04% (d)(e) | 71,270,966 | \$ 71,270,966 |
| Total Short-Term Securities (Cost \$71,270,966) 12.0% | | 71,270,966 |
| Total Investments (Cost \$1,016,912,117*) 173.3% | | 1,030,796,669 |
| Liabilities in Excess of Other Assets (0.0)% | | (80,678) |
| Liability for Trust Certificates, Including Interest Expense and Fees Payable (30.6)% | | (181,967,280) |
| Preferred Shares, at Redemption Value (42.7)% | | (254,015,094) |
| Net Assets Applicable to Common Shares 100.0% | | \$ 594,733,617 |

* The cost and unrealized appreciation (depreciation) of investments as of July 31, 2010, as computed for federal income tax purposes, were as follows:

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | |
|-------------------------------|---------------|
| Aggregate cost | \$834,751,050 |
| Gross unrealized appreciation | \$ 18,043,234 |
| Gross unrealized depreciation | (3,852,248) |
| Net unrealized appreciation | \$ 14,190,986 |

(a) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.

(b) When-issued security. Unsettled when-issued transactions were as follows:

| Counterparty | Value | Unrealized Appreciation (Depreciation) |
|---------------------|-------------|--|
| Stone and Youngberg | \$8,941,150 | \$ |

(c) Securities represent bonds transferred to a tender option bond trust in exchange for which the Fund acquired residual interest certificates. These securities serve as collateral in a financing transaction. See Note 1 of the Notes to Financial Statements for details of municipal bonds transferred to tender option bond trusts.

(d) Investments in companies considered to be an affiliate of the Fund during the year, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, are as follows:

| Affiliate | Shares Held at July 31, 2009 | Net Activity | Shares Held at July 31, 2010 | Income |
|---|------------------------------------|-----------------|------------------------------------|----------|
| BIF California Municipal Money Fund | 20,500,814 | 50,770,152 | 71,270,966 | \$ 6,168 |

(e) Represents the current yield as of report date.

For Fund compliance purposes, the Fund's sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by Fund management. This definition may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Financial futures contracts sold as of July 31, 2010 were as follows:

| Contracts | Issue | Expiration Date | Notional Value | Unrealized Depreciation |
|-----------|-------------------------------|--------------------|-------------------|----------------------------|
| 50 | 10-Year U.S. Treasury Bond | September 2010 | \$6,083,484 | \$ (107,141) |

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

13

Schedule of Investments (concluded)

BlackRock MuniHoldings California Insured Fund, Inc. (MUC)

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivatives, which are as follows:

Level 1 price quotations in active markets/exchanges for identical assets and liabilities

Level 2 other observable inputs (including, but not limited to: quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Fund's own assumptions used in determining the fair value of investments and derivatives)

The inputs or methodologies used for valuing securities are not necessarily an indication of the risk associated with investing in those securities. For information about the Fund's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements. The following tables summarize the inputs used as of July 31, 2010 in determining the fair valuation of the Fund's investments and derivatives:

| Valuation Inputs | Level 1 | Level 2 | Level 3 | Total |
|--------------------------|----------------|----------------|----------------|-----------------|
| Assets: | | | | |
| Investments in | | | | |
| Securities: | | | | |
| Long-Term | | | | |
| Investments ¹ | | \$ 959,525,703 | | \$ 959,525,703 |
| Short-Term | | | | |
| Securities | \$ 71,270,966 | | | 71,270,966 |
| Total | \$ 71,270,966 | \$ 959,525,703 | | \$1,030,796,669 |

¹ See above Schedule of Investments for values in each sector.

Derivative Financial Instruments²

| Valuation Inputs | Level 1 | Level 2 | Level 3 | Total |
|-------------------------|----------------|----------------|----------------|--------------|
| Liabilities: | | | | |
| Interest rate | | | | |
| contracts | \$ (107,141) | | \$ (107,141) | |

² Derivative financial instruments are futures, which are shown at the unrealized appreciation/depreciation on the instrument.

See Notes to Financial Statements.

14 ANNUAL REPORT

JULY 31, 2010

Schedule of Investments July 31, 2010

BlackRock MuniHoldings New Jersey Insured Fund, Inc. (MUJ)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|--------------|--------------|
| Municipal Bonds | | |
| New Jersey 136.3% | | |
| Corporate 2.3% | | |
| New Jersey EDA, RB, Disposal, Waste Management of New Jersey, Series A, Mandatory Put Bonds, AMT, 5.30%, 6/01/15 | \$ 2,500 | \$ 2,698,775 |
| New Jersey EDA, Refunding RB, AMT, New Jersey American Water Co., Inc. Project: Series A, 5.70%, 10/01/39 | 2,500 | 2,567,300 |
| Series B, 5.60%, 11/01/34 | 2,150 | 2,211,640 |
| | | 7,477,715 |
| County/City/Special District/School District 23.7% | | |
| Borough of Hopatcong New Jersey, GO, Refunding, Sewer (AMBAC), 4.50%, 8/01/33 | 2,690 | 2,733,847 |
| Camden County Improvement Authority, RB (AGM), 5.50%, 9/01/10 (a) | 1,540 | 1,547,007 |
| City of Perth Amboy New Jersey, GO, CAB (AGM) (b): 5.09%, 7/01/32 | 4,605 | 4,310,879 |
| 5.10%, 7/01/33 | 1,395 | 1,302,623 |
| 5.14%, 7/01/37 | 1,470 | 1,363,234 |
| County of Middlesex New Jersey, COP (NPFGC): 5.25%, 6/15/23 | 1,550 | 1,554,635 |
| Refunding, 5.50%, 8/01/16 | 1,375 | 1,438,291 |
| East Orange Board Of Education, COP (AGM), 5.50%, 8/01/12 | 5,450 | 5,686,530 |
| Edgewater Borough Board of Education, GO (AGM): 4.25%, 3/01/34 | 1,235 | 1,225,861 |
| 4.25%, 3/01/35 | 1,300 | 1,286,259 |
| 4.30%, 3/01/36 | 1,370 | 1,353,601 |
| 4.30%, 3/01/37 | 1,440 | 1,439,050 |
| 4.30%, 3/01/38 | 1,515 | 1,506,713 |
| 4.30%, 3/01/39 | 1,590 | 1,579,331 |
| 4.30%, 3/01/40 | 1,668 | 1,652,221 |
| Essex County Improvement Authority, LRB, County | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|-------|-----------|
| Correctional Facility Project, Series A (FGIC), 5.00%, 10/01/13 (a) | 4,400 | 5,008,344 |
| Essex County Improvement Authority, RB, County Correctional Facility Project (FGIC), 6.00%, 10/01/10 (a) | 4,000 | 4,039,000 |
| Essex County Improvement Authority, Refunding RB, Project Consolidation (NPFGC), 5.50%, 10/01/27 | 250 | 289,460 |
| Hudson County Improvement Authority, RB, Harrison Parking Facility Project, Series C (AGC), 5.38%, 1/01/44 | 3,600 | 3,857,688 |
| Hudson County Improvement Authority, Refunding RB, Hudson County Lease Project (NPFGC), 5.38%, 10/01/24 | 2,530 | 2,546,673 |
| Middlesex County Improvement Authority, RB, Senior Citizens Housing Project, AMT (AMBAC), 5.50%, 9/01/30 | 500 | 500,115 |
| Monmouth County Improvement Authority, Refunding RB, Governmental Loan (AMBAC): 5.35%, 12/01/10 (a) | 695 | 707,024 |
| 5.38%, 12/01/10 (a) | 535 | 544,304 |
| 5.35%, 12/01/17 | 845 | 856,593 |
| 5.38%, 12/01/18 | 935 | 947,875 |
| Morristown Parking Authority, RB (NPFGC): 5.00%, 8/01/30 | 1,830 | 1,938,519 |
| 5.00%, 8/01/33 | 3,000 | 3,144,300 |
| New Jersey State Transit Corp., COP, Subordinate, Federal Transit Administration Grants, Series A (AGM), 5.00%, 9/15/21 | 2,000 | 2,085,080 |
| Newark Housing Authority, Refunding RB, Newark Redevelopment Project (NPFGC), 4.38%, 1/01/37 | 620 | 597,488 |

| | Par | |
|---|--------------|--------------|
| Municipal Bonds | (000) | Value |
| New Jersey (continued) | | |
| County/City/Special District/School District (concluded) | | |
| North Bergen Township Board Of Education, COP (AGM) (a): | | |
| 6.00%, 12/15/10 | \$ 1,000 | \$ 1,031,740 |
| 6.25%, 12/15/10 | 1,580 | 1,631,634 |
| 6.25%, 12/15/10 | 1,680 | 1,734,902 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|-------|------------|
| Salem County Improvement Authority, RB, Finlaw Street Office Building (AGM), 5.38%, 8/15/28 | 500 | 516,390 |
| South Jersey Port Corp., Refunding RB: 4.50%, 1/01/15 | 3,750 | 3,952,987 |
| 4.50%, 1/01/16 | 1,920 | 2,005,882 |
| Township of West Deptford New Jersey, GO (FGIC) (a): 5.63%, 9/01/10 | 4,170 | 4,189,390 |
| 5.63%, 9/01/10 | 4,410 | 4,430,506 |
| | | 76,535,976 |

Education 19.2%

| | | |
|---|-------|-----------|
| New Jersey EDA, RB: International Center For Public Health Project, University of Medicine and Dentistry (AMBAC), 6.00%, 6/01/32 | 5,000 | 5,000,100 |
| School Facilities Construction, Series Y, 5.00%, 9/01/33 | 3,000 | 3,129,540 |
| New Jersey Educational Facilities Authority, RB: Montclair State University, Series A (AMBAC), 5.00%, 7/01/21 | 1,200 | 1,285,512 |
| Montclair State University, Series A (AMBAC), 5.00%, 7/01/22 | 2,880 | 3,069,446 |
| Richard Stockton College, Series F (NPFGC), 5.00%, 7/01/31 | 2,625 | 2,669,258 |
| Rowan University, Series C (NPFGC), 5.00%, 7/01/14 (a) | 3,260 | 3,768,136 |
| Rowan University, Series C (NPFGC), 5.13%, 7/01/14 (a) | 3,615 | 4,195,822 |
| New Jersey Educational Facilities Authority, Refunding RB: College of New Jersey, Series D (AGM), 5.00%, 7/01/35 | 9,540 | 9,964,339 |
| Montclair State University, Series J (NPFGC), 4.25%, 7/01/30 | 3,775 | 3,670,961 |
| Ramapo College, Series I (AMBAC), 4.25%, 7/01/31 | 1,250 | 1,198,075 |
| Ramapo College, Series I (AMBAC), 4.25%, 7/01/36 | 900 | 840,411 |
| Rowan University, Series C (FGIC), 5.25%, 7/01/11 (a) | 240 | 253,430 |
| Rowan University, Series C (FGIC), 5.25%, 7/01/11 (a) | 285 | 300,949 |
| Rowan University, Series C (FGIC), | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|-------|------------|
| 5.25%, 7/01/11 (a) | 265 | 279,829 |
| Rowan University, Series C (NPFGC), | | |
| 5.25%, 7/01/17 | 2,135 | 2,229,879 |
| Rowan University, Series C (NPFGC), | | |
| 5.25%, 7/01/18 | 2,535 | 2,645,247 |
| Rowan University, Series C (NPFGC), | | |
| 5.25%, 7/01/19 | 2,370 | 2,470,844 |
| Stevens Institute of Technology, Series A, | | |
| 5.00%, 7/01/27 | 2,800 | 2,847,376 |
| Stevens Institute of Technology, Series A, | | |
| 5.00%, 7/01/34 | 900 | 885,159 |
| William Paterson University, Series C (AGC), | | |
| 5.00%, 7/01/28 | 250 | 265,773 |
| William Paterson University, Series C (AGC), | | |
| 4.75%, 7/01/34 | 4,000 | 4,049,920 |
| University of Medicine & Dentistry of New Jersey, COP | | |
| (NPFGC), 5.00%, 6/15/29 | 2,000 | 1,992,620 |
| University of Medicine & Dentistry of New Jersey, RB, | | |
| Series A (AMBAC), 5.50%, 12/01/27 | 4,740 | 4,825,794 |
| | | 61,838,420 |

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

15

Schedule of Investments (continued)

BlackRock MuniHoldings New Jersey Insured Fund, Inc. (MUJ)

(Percentages shown are based on Net Assets)

| Municipal Bonds | Par (000) | Value |
|---|--------------|---------------|
| New Jersey (continued) | | |
| Health 13.6% | | |
| New Jersey Health Care Facilities Financing Authority, RB: | | |
| Greystone Park Psychiatric Hospital (AMBAC), 5.00%, 9/15/23 | \$ 10,775 | \$ 11,113,119 |
| Meridian Health, Series I (AGC), 5.00%, 7/01/38 | 770 | 783,059 |
| Meridian Health, Series II (AGC), 5.00%, 7/01/38 | 7,385 | 7,510,250 |
| Meridian Health, Series V (AGC), 5.00%, 7/01/38 | 3,950 | 4,016,992 |
| South Jersey Hospital, 6.00%, 7/01/12 (a) | 5,440 | 6,014,138 |
| Virtua Health (AGC), 5.50%, 7/01/38 | 1,900 | 2,028,174 |
| New Jersey Health Care Facilities Financing Authority, Refunding RB: | | |
| AHS Hospital Corp., Series A (AMBAC), 6.00%, 7/01/13 (c) | 4,000 | 4,604,000 |
| Atlantic City Medical Center, 5.75%, 7/01/12 (a) | 1,525 | 1,675,578 |
| Atlantic City Medical Center, 6.25%, 7/01/12 (a) | 530 | 587,383 |
| Atlantic City Medical System, 6.25%, 7/01/17 | 925 | 976,911 |
| Atlantic City Medical System, 5.75%, 7/01/25 | 1,975 | 2,028,977 |
| Hackensack University Medical Center (AGC), 5.13%, 1/01/27 | 1,500 | 1,571,055 |
| Meridian Health System Obligation Group (AGM), 5.38%, 7/01/24 | 1,000 | 1,000,790 |
| | | 43,910,426 |
| Housing 5.1% | | |
| New Jersey State Housing & Mortgage Finance Agency, RB: | | |
| Capital Fund Program, Series A (AGM), 4.70%, 11/01/25 | 10,840 | 11,070,675 |
| Series AA, 6.50%, 10/01/38 | 2,720 | 2,979,189 |
| New Jersey State Housing & Mortgage Finance Agency, Refunding RB, S/F Housing, Series T, AMT, 4.70%, 10/01/37 | | |
| | 800 | 764,720 |
| Newark Housing Authority, RB, South Ward Police | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

Facility (AGC):

| | | |
|-----------------|-----|------------|
| 5.75%, 12/01/30 | 850 | 917,430 |
| 6.75%, 12/01/38 | 500 | 571,820 |
| | | 16,303,834 |

State 41.9%

Garden State Preservation Trust, RB (AGM):

| | | |
|---|--------|-----------|
| CAB, Series B, 5.12%, 11/01/23 (d) | 9,000 | 5,223,960 |
| CAB, Series B, 4.32%, 11/01/25 (d) | 10,000 | 5,191,900 |
| Election of 2005, Series A, 5.80%, 11/01/21 | 1,960 | 2,331,930 |
| Election of 2005, Series A, 5.80%, 11/01/23 | 2,730 | 3,243,922 |

Garden State Preservation Trust, Refunding RB,

Series C (AGM):

| | | |
|-----------------|-------|-----------|
| 5.25%, 11/01/20 | 5,000 | 6,140,050 |
| 5.25%, 11/01/21 | 7,705 | 9,495,026 |

New Jersey EDA, RB:

| | | |
|--|-------|-----------|
| Cigarette Tax, 5.63%, 6/15/19 | 2,700 | 2,700,567 |
| Cigarette Tax (Radian), 5.75%, 6/15/29 | 2,000 | 2,001,900 |
| Cigarette Tax (Radian), 5.50%, 6/15/31 | 585 | 570,363 |
| Cigarette Tax (Radian), 5.75%, 6/15/34 | 1,180 | 1,167,822 |

Liberty State Park Project, Series C (AGM),

| | | |
|----------------|-------|-----------|
| 5.00%, 3/01/22 | 2,670 | 2,920,740 |
|----------------|-------|-----------|

Motor Vehicle Surcharge, Series A (NPFGC),

| | | |
|----------------|-------|-----------|
| 5.25%, 7/01/24 | 1,785 | 1,951,362 |
|----------------|-------|-----------|

Motor Vehicle Surcharge, Series A (NPFGC),

| | | |
|----------------|-------|-----------|
| 5.25%, 7/01/25 | 4,000 | 4,341,480 |
|----------------|-------|-----------|

Motor Vehicle Surcharge, Series A (NPFGC),

| | | |
|----------------|-------|-----------|
| 5.25%, 7/01/26 | 7,500 | 8,072,100 |
|----------------|-------|-----------|

Motor Vehicle Surcharge, Series A (NPFGC),

| | | |
|----------------|--------|------------|
| 5.25%, 7/01/33 | 11,105 | 11,316,883 |
|----------------|--------|------------|

Motor Vehicle Surcharge, Series A (NPFGC),

| | | |
|----------------|-------|-----------|
| 5.00%, 7/01/34 | 2,000 | 1,972,460 |
|----------------|-------|-----------|

School Facilities Construction, Series L (AGM),

| | | |
|----------------|-------|-----------|
| 5.00%, 3/01/30 | 9,000 | 9,350,460 |
|----------------|-------|-----------|

| | Par | Value |
|------------------------|--------------|--------------|
| Municipal Bonds | (000) | |

New Jersey (continued)

State (concluded)

New Jersey EDA, RB:

School Facilities Construction, Series O,

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|----------|--------------|
| 5.25%, 3/01/23 | \$ 1,420 | \$ 1,547,133 |
| School Facilities Construction, Series Z (AGC), | | |
| 6.00%, 12/15/34 | 2,800 | 3,184,804 |
| School Facilities, Series U (AMBAC), | | |
| 5.00%, 9/01/37 | 2,500 | 2,585,750 |
| New Jersey EDA, Refunding RB, School Facilities | | |
| Construction, Series N-1 (NPFGC), 5.50%, 9/01/27 | 1,000 | 1,129,820 |
| New Jersey Educational Facilities Authority, RB, | | |
| Series A (a): | | |
| Capital Improvement Fund (AGM), 5.75%, 9/01/10 | 8,300 | 8,339,508 |
| Higher Education Capital Improvement (AMBAC), | | |
| 5.13%, 9/01/12 | 5,500 | 6,036,030 |
| New Jersey Sports & Exposition Authority, RB, Series A | | |
| (NPFGC), 6.00%, 3/01/13 | 2,400 | 2,410,392 |
| New Jersey Sports & Exposition Authority, Refunding | | |
| RB (NPFGC): | | |
| 5.50%, 3/01/21 | 5,890 | 6,841,765 |
| 5.50%, 3/01/22 | 3,000 | 3,472,470 |
| New Jersey Transportation Trust Fund Authority, RB: | | |
| CAB, Transportation System, Series C (AGM), | | |
| 4.74%, 12/15/32 (d) | 4,050 | 1,125,860 |
| CAB, Transportation System, Series C (AMBAC), | | |
| 5.05%, 12/15/36 (d) | 5,500 | 1,153,680 |
| Transportation System, Series D (AGM), | | |
| 5.00%, 6/15/19 | 5,240 | 5,755,459 |
| New Jersey Transportation Trust Fund Authority, | | |
| Refunding RB, Transportation System, Series A (AGM), | | |
| 5.25%, 12/15/20 | 10,750 | 12,479,137 |
| State of New Jersey, COP, Equipment Lease Purchase, | | |
| Series A, 5.25%, 6/15/27 | 1,080 | 1,141,096 |
| | | 135,195,829 |
| Tobacco 1.7% | | |
| Tobacco Settlement Financing Corp. New Jersey, RB, | | |
| 7.00%, 6/01/13 (a) | 4,755 | 5,607,524 |
| Transportation 24.4% | | |
| Delaware River Port Authority Pennsylvania & New Jersey, | | |
| RB (AGM): | | |
| 5.50%, 1/01/12 | 5,000 | 5,018,800 |
| 5.63%, 1/01/13 | 6,000 | 6,022,620 |
| Delaware River Port Authority, RB: | | |
| Port District Project, Series B (AGM), | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|-------|-----------|
| 5.63%, 1/01/26 | 2,425 | 2,427,668 |
| Series D (AGC), 5.00%, 1/01/40 | 3,700 | 3,803,415 |
| New Jersey State Turnpike Authority, RB, Growth & Income Securities, Series B (AMBAC), 5.22%, 1/01/15 (b) | 7,615 | 6,215,668 |
| New Jersey State Turnpike Authority, Refunding RB: Series A (AGM), 5.25%, 1/01/29 | 2,000 | 2,286,860 |
| Series A (AGM), 5.25%, 1/01/30 | 4,000 | 4,548,000 |
| Series A (BHAC), 5.25%, 1/01/29 | 500 | 578,050 |
| Series C (NPFGC), 6.50%, 1/01/16 | 910 | 1,098,006 |
| Series C (NPFGC), 6.50%, 1/01/16 (c) | 4,355 | 5,016,960 |
| Series C-2005 (NPFGC), 6.50%, 1/01/16 (c) | 255 | 320,818 |
| New Jersey Transportation Trust Fund Authority, RB: CAB, Transportation System, Series C (AMBAC), 5.05%, 12/15/35 (d) | 1,400 | 313,894 |
| Transportation System, Series A (AGC), 5.63%, 12/15/28 | 2,000 | 2,247,420 |
| Transportation System, Series A (AGM), 5.50%, 12/15/22 | 150 | 176,313 |
| Transportation System, Series A (AMBAC), 5.00%, 12/15/32 | 1,425 | 1,474,647 |

See Notes to Financial Statements.

16 ANNUAL REPORT

JULY 31, 2010

Schedule of Investments (continued)

BlackRock MuniHoldings New Jersey Insured Fund, Inc. (MUJ)

(Percentages shown are based on Net Assets)

| Municipal Bonds | Par (000) | Value |
|---|--------------|--------------------|
| New Jersey (concluded) | | |
| Transportation (concluded) | | |
| New Jersey Transportation Trust Fund Authority, RB (concluded): Transportation System, Series A (NPFGC), 5.75%, 6/15/24 | \$ 1,205 | \$ 1,432,082 |
| Transportation System, Series C, 5.50%, 6/15/13 (a) | 780 | 890,315 |
| New Jersey Transportation Trust Fund Authority, Refunding RB, Transportation System, Series B (NPFGC), 5.50%, 12/15/21 | 9,165 | 10,827,073 |
| Port Authority of New York & New Jersey, RB, Special Project, JFK International Air Terminal, Series 6, AMT (NPFGC): 6.25%, 12/01/11 | 13,500 | 13,940,370 |
| 6.25%, 12/01/15 | 1,500 | 1,607,025 |
| 5.75%, 12/01/25 | 3,000 | 3,004,290 |
| Port Authority of New York & New Jersey, Refunding RB, Consolidated, 152nd Series, AMT, 5.75%, 11/01/30 | 5,175 | 5,548,583 |
| | | 78,798,877 |
| Utilities 4.4% | | |
| Atlantic Highlands Highland Regional Sewage Authority, Refunding RB (NPFGC), 5.50%, 1/01/20 | 1,875 | 1,911,000 |
| Essex County Utilities Authority, Refunding RB (AGC), 4.13%, 4/01/22 | 2,000 | 2,082,060 |
| New Jersey EDA, RB, Series A, American Water, AMT (AMBAC), 5.25%, 11/01/32 | 3,000 | 2,988,030 |
| North Hudson Sewerage Authority, Refunding RB, Series A (NPFGC), 5.13%, 8/01/20 | 4,335 | 4,639,664 |
| Rahway Valley Sewerage Authority, RB, CAB, Series A (NPFGC), 4.79%, 9/01/28 (d) | 6,600 | 2,482,128 |
| | | 14,102,882 |
| Total Municipal Bonds in New Jersey | | 439,771,483 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| Guam 0.6% | | |
|---|--------------|--------------|
| Utilities 0.6% | | |
| Guam Power Authority, Refunding RB, Series A (AGM), 5.00%, 10/01/37 | 1,860 | 1,862,809 |
| Puerto Rico 11.2% | | |
| County/City/Special District/School District 1.9% | | |
| Puerto Rico Sales Tax Financing Corp., Refunding RB, First Sub-Series C (AGM), 5.13%, 8/01/42 | 6,120 | 6,330,589 |
| Health 1.1% | | |
| Puerto Rico Industrial Tourist Educational Medical & Environmental Control Facilities Financing Authority, RB: Hosp Auxilio Mutuo Obligation Group, Series A (NPFGC), 6.25%, 7/01/24 | 1,780 | 1,781,922 |
| Hospital De La Concepcion, Series A, 6.50%, 11/15/20 | 1,750 | 1,787,468 |
| | | 3,569,390 |
| Housing 2.0% | | |
| Puerto Rico Housing Finance Authority, Refunding RB, Subordinate, Capital Fund Modernization, 5.13%, 12/01/27 | 6,285 | 6,346,153 |
| State 0.9% | | |
| Puerto Rico Commonwealth Infrastructure Financing Authority, RB, CAB, Series A (AMBAC), 4.36%, 7/01/37 (d) | 4,000 | 658,040 |
| | Par | Value |
| Municipal Bonds | (000) | |
| Puerto Rico (concluded) | | |
| State (concluded) | | |
| Puerto Rico Public Buildings Authority, Refunding RB, Government Facilities, Series M-3 (NPFGC), 6.00%, 7/01/27 | \$ 2,125 | \$ 2,248,229 |
| | | 2,906,269 |
| Transportation 1.7% | | |
| Puerto Rico Highway & Transportation Authority, Refunding RB, Series CC (AGC), 5.50%, 7/01/31 | 5,000 | 5,375,950 |
| Utilities 3.6% | | |
| Puerto Rico Aqueduct & Sewer Authority, RB, Senior Lien, Series A (AGC), 5.13%, 7/01/47 | 6,120 | 6,178,446 |
| Puerto Rico Electric Power Authority, RB, Series RR | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|---------------|---------------|
| (CIFG), 5.00%, 7/01/28 | 4,100 | 4,121,115 |
| Puerto Rico Electric Power Authority, Refunding RB, Series VV (NPFGC), 5.25%, 7/01/26 | 1,325 | 1,409,058 |
| | | 11,708,619 |
| Total Municipal Bonds in Puerto Rico | | 36,236,970 |
| Total Municipal Bonds 148.1% | | 477,871,262 |
| Municipal Bonds Transferred to Tender Option Bond Trusts (e) | | |
| New Jersey 7.0% | | |
| Housing 1.6% | | |
| New Jersey State Housing & Mortgage Finance Agency, RB, Capital Fund Program, Series A (AGM), 5.00%, 5/01/27 | 4,790 | 5,204,910 |
| State 3.5% | | |
| Garden State Preservation Trust, RB, Election of 2005, Series A (AGM), 5.75%, 11/01/28 | 9,160 | 11,248,846 |
| Transportation 1.9% | | |
| Port Authority of New York & New Jersey, Refunding RB, Consolidated, 152nd Series, AMT, 5.25%, 11/01/35 | 5,998 | 6,186,210 |
| Total Municipal Bonds Transferred to Tender Option Bond Trusts 7.0% | | 22,639,966 |
| Total Long-Term Investments (Cost \$481,753,647) 155.1% | | 500,511,228 |
| Short-Term Securities | Shares | |
| BIF New Jersey Municipal Money Fund, 0.04% (f)(g) | 1,117,529 | 1,117,529 |
| Total Short-Term Securities (Cost \$1,117,529) 0.3% | | 1,117,529 |
| Total Investments (Cost \$482,871,176*) 155.4% | | 501,628,757 |
| Other Assets Less Liabilities 2.2% | | 7,034,897 |
| Liability for Trust Certificates, Including Interest | | |
| Expense and Fees Payable (4.1%) | | (13,272,794) |
| Preferred Shares, at Redemption Value (53.5%) | | (172,709,943) |
| Net Assets Applicable to Common Shares 100.0% | | \$322,680,917 |

* The cost and unrealized appreciation (depreciation) of investments as of July 31, 2010, as computed for federal income tax purposes, were as follows:

| | |
|-------------------------------|---------------|
| Aggregate cost | \$469,951,009 |
| Gross unrealized appreciation | \$ 21,231,946 |
| Gross unrealized depreciation | (2,817,128) |

Net unrealized appreciation

\$ 18,414,818

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

17

Schedule of Investments (concluded)

BlackRock MuniHoldings New Jersey Insured Fund, Inc. (MUJ)

(a) US government securities, held in escrow, are used to pay interest on this security as well as to retire the bond in full at the date indicated, typically at a premium to par.

(b) Represents a step-up bond that pays an initial coupon rate for the first period and then a higher coupon rate for the following periods. Rate shown reflects the current yield as of report date.

(c) Security is collateralized by Municipal or US Treasury obligations.

(d) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.

(e) Securities represent bonds transferred to a tender option bond trust in exchange for which the Fund acquired residual interest certificates. These securities serve as collateral in a financing transaction. See Note 1 of the Notes to Financial Statements for details of municipal bonds transferred to tender option bond trusts.

(f) Investments in companies considered to be an affiliate of the Fund during the year, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, are as follows:

| Affiliate | Shares Held at July 31, 2009 | Net Activity | Shares Held at July 31, 2010 | Income |
|------------------|---|-------------------------|---|---------------|
| BIF New Jersey | | | | |
| Municipal | | | | |
| Money Fund | 3,311,943 | (2,194,414) | 1,117,529 | \$ 1,783 |

(g) Represents the current yield as of report date.

For Fund compliance purposes, the Fund's sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by Fund management. This definition may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Fair Value Measurements Various inputs are used in determining the fair value of investments, which are as follows:

Level 1 price quotations in active markets/exchanges for identical assets and liabilities

Level 2 other observable inputs (including, but not limited to: quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

Fund's own assumptions used in determining the fair value of investments)

The inputs or methodologies used for valuing securities are not necessarily an indication of the risk associated with investing in those securities. For information about the Fund's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following table summarizes the inputs used as of July 31, 2010 in determining the fair valuation of the Fund's investments:

| Valuation Inputs | Level 1 | Level 2 | Level 3 | Total |
|--------------------------|--------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments in | | | | |
| Securities: | | | | |
| Long-Term | | | | |
| Investments ¹ | | \$ 500,511,228 | | \$ 500,511,228 |
| Short-Term | | | | |
| Securities | \$ 1,117,529 | | | 1,117,529 |
| Total | \$ 1,117,529 | \$ 500,511,228 | | \$ 501,628,757 |

¹ See above Schedule of Investments for values in each sector.

See Notes to Financial Statements.

18 ANNUAL REPORT

JULY 31, 2010

Schedule of Investments July 31, 2010

BlackRock MuniYield Insured Investment Fund (MFT)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|--------------|--------------|
| Municipal Bonds | | |
| Alabama 4.2% | | |
| Birmingham Special Care Facilities Financing Authority, RB, Children s Hospital (AGC): | | |
| 6.13%, 6/01/34 | \$ 1,500 | \$ 1,641,645 |
| 6.00%, 6/01/39 | 2,985 | 3,259,590 |
| | | 4,901,235 |
| Arizona 0.5% | | |
| State of Arizona, COP, Department of Administration, Series A (AGM): | | |
| 5.25%, 10/01/28 | 480 | 499,090 |
| 5.00%, 10/01/29 | 125 | 126,921 |
| | | 626,011 |
| California 13.8% | | |
| California State Public Works Board, RB, Various Capital Projects, Series G-1 (AGC), 5.25%, 10/01/24 | | |
| | 2,000 | 2,079,540 |
| California State University, RB, Systemwide, Series A (AGM), 5.00%, 11/01/39 | | |
| | 1,000 | 1,010,680 |
| County of Sacramento California, RB, Senior Series A (AGC), 5.50%, 7/01/41 | | |
| | 1,400 | 1,478,022 |
| Los Angeles Community College District California, GO, Election of 2001, Series A (NPFGC), 5.00%, 8/01/32 | | |
| | 2,780 | 2,847,609 |
| San Diego Public Facilities Financing Authority, Refunding RB, Series B (AGC), 5.38%, 8/01/34 | | |
| | 1,020 | 1,090,921 |
| San Jacinto Unified School District, GO, Election of 2006 (AGM), 5.25%, 8/01/32 | | |
| | 1,000 | 1,022,910 |
| State of California, GO, Various Purpose: (AGC), 5.50%, 11/01/39 | | |
| | 3,450 | 3,610,080 |
| (AGM), 5.00%, 6/01/32 | 3,000 | 3,039,660 |
| | | 16,179,422 |
| Colorado 1.2% | | |
| Colorado Health Facilities Authority, RB, Hospital, NCMC Inc. Project, Series B (AGM), 6.00%, 5/15/26 | | |
| | 1,300 | 1,460,277 |
| Florida 23.4% | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|--------------|--------------|
| Broward County Educational Facilities Authority, RB, Educational Facilities, Nova Southeastern University (AGC), 5.00%, 4/01/31 | 1,720 | 1,717,678 |
| City of Jacksonville Florida, Refunding RB (NPFGC), 5.25%, 10/01/32 | 1,455 | 1,475,123 |
| City of Lakeland Florida, Refunding RB, Series A (NPFGC), 5.00%, 10/01/28 | 1,075 | 1,083,428 |
| County of Lee Florida, RB, Series A, AMT (AGM), 6.00%, 10/01/29 | 1,000 | 1,012,160 |
| County of Miami-Dade Florida, RB, AMT (AGM), Miami International Airport, Series A: 5.00%, 10/01/33 | 1,385 | 1,351,483 |
| 5.25%, 10/01/41 | 150 | 150,582 |
| 5.50%, 10/01/41 | 2,400 | 2,448,840 |
| County of Orange Florida, Refunding RB (AMBAC), 5.00%, 10/01/29 | 2,190 | 2,226,726 |
| County of Osceola Florida, RB, Series A (NPFGC), 5.50%, 10/01/27 | 1,100 | 1,124,706 |
| County of St. John s Florida, RB (AGM), 5.00%, 10/01/31 | 2,135 | 2,215,575 |
| Florida Housing Finance Corp., HRB, Brittany Rosemont Apartments, Series C-1, AMT (AMBAC), 6.75%, 8/01/14 | 640 | 640,973 |
| Florida Housing Finance Corp., RB, Homeowner Mortgage, Series 11, AMT (AGM), 5.95%, 1/01/32 | 1,415 | 1,415,976 |
| | Par | Value |
| Municipal Bonds | (000) | |
| Florida (concluded) | | |
| Florida Housing Finance Corp., Refunding RB, Homeowner Mortgage, Series 4, AMT (AGM), 6.25%, 7/01/22 | \$ 215 | \$ 227,820 |
| Jacksonville Economic Development Commission, RB, Mayo Clinic, Series B (NPFGC), 5.50%, 11/15/36 | 750 | 765,773 |
| Miami-Dade County IDA, RB, BAC Funding Corp. Project, Series A (AMBAC), 5.38%, 10/01/30 | 1,655 | 1,696,193 |
| Palm Beach County School District, COP, Refunding, Series D (AGM), 5.25%, 8/01/21 | 1,950 | 2,084,979 |
| Santa Rosa County School Board, COP, Refunding, Series 2 (NPFGC), 5.25%, 2/01/26 | 2,000 | 2,107,240 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|-------|------------|
| St. Lucie West Services District, RB (NPFGC), 5.25%, 10/01/34 | 1,000 | 1,017,110 |
| Village Center Community Development District, RB, Series A (NPFGC): | | |
| 5.38%, 11/01/34 | 1,640 | 1,456,238 |
| 5.13%, 11/01/36 | 1,000 | 845,490 |
| Volusia County IDA, RB, Student Housing, Stetson University Project, Series A (CIFG), 5.00%, 6/01/35 | 525 | 455,789 |
| | | 27,519,882 |
| Georgia 4.0% | | |
| County of Fulton Georgia, RB (NPFGC), 5.25%, 1/01/35 | 1,000 | 1,052,420 |
| Gwinnett County Hospital Authority, Refunding RB, Gwinnett Hospital System, Series D (AGM), 5.50%, 7/01/41 | 1,375 | 1,407,037 |
| Metropolitan Atlanta Rapid Transit Authority, RB, Third Indenture, Series B (AGM), 5.00%, 7/01/34 | 2,100 | 2,196,054 |
| | | 4,655,511 |
| Illinois 12.3% | | |
| Chicago Board of Education Illinois, GO, Refunding, Chicago School Reform Board, Series A (NPFGC), 5.50%, 12/01/26 | 825 | 940,484 |
| Chicago Transit Authority, RB, Federal Transit Administration Section 5309, Series A (AGC), 6.00%, 6/01/26 | 1,400 | 1,617,140 |
| City of Chicago Illinois, GO, Refunding, Projects, Series A (AGM): | | |
| 5.00%, 1/01/28 | 945 | 1,007,068 |
| 5.00%, 1/01/29 | 1,465 | 1,550,673 |
| 5.00%, 1/01/30 | 585 | 614,572 |
| City of Chicago Illinois, RB, General, Third Lien, Series C (AGM), 5.25%, 1/01/35 | 835 | 865,736 |
| City of Chicago Illinois, Refunding RB, Second Lien (NPFGC), 5.50%, 1/01/30 | 895 | 993,960 |
| Illinois Municipal Electric Agency, RB, Series A (NPFGC): | | |
| 5.25%, 2/01/28 | 1,565 | 1,635,018 |
| 5.25%, 2/01/35 | 1,250 | 1,283,912 |
| State of Illinois, RB: (AGM), 5.00%, 6/15/27 | 1,000 | 1,024,260 |
| Build Illinois, Series B, 5.25%, 6/15/28 | 1,750 | 1,858,220 |
| Village of Schaumburg Illinois, GO, Series B (NPFGC), 5.00%, 12/01/38 | 1,000 | 1,017,070 |

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

19

Schedule of Investments (continued)

BlackRock MuniYield Insured Investment Fund (MFT)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|--------------|------------------------|
| Municipal Bonds | | |
| Indiana 4.4% | | |
| Indiana Municipal Power Agency, RB, Series A (NPFGC), 5.00%, 1/01/42 | \$ 1,485 | \$ 1,501,186 |
| Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38 | 3,310 | 3,607,503 5,108,689 |
| Iowa 1.1% | | |
| Iowa Finance Authority, Refunding RB, Iowa Health System (AGC), 5.25%, 2/15/29 | 1,190 | 1,253,558 |
| Kentucky 1.1% | | |
| Kentucky Municipal Power Agency, RB, Prairie State Project, Series A (BHAC), 5.25%, 9/01/42 | 1,250 | 1,297,838 |
| Louisiana 1.9% | | |
| Louisiana State Citizens Property Insurance Corp., RB, Series C-3 (AGC), 6.13%, 6/01/25 | 1,405 | 1,563,976 |
| New Orleans Aviation Board Louisiana, Refunding RB (AGC), Restructuring GARB: Series A-1, 6.00%, 1/01/23 | 375 | 429,304 |
| Series A-2, 6.00%, 1/01/23 | 160 | 183,169 |
| | | 2,176,449 |
| Maine 1.0% | | |
| City of Portland Maine, RB, General (AGM), 5.25%, 1/01/35 | 1,125 | 1,163,813 |
| Michigan 17.7% | | |
| City of Detroit Michigan, RB: Second Lien, Series B (AGM), 6.25%, 7/01/36 | 1,800 | 1,973,808 |
| Second Lien, Series B (AGM), 7.00%, 7/01/36 | 200 | 231,140 |
| Second Lien, Series B (NPFGC), 5.50%, 7/01/29 | 1,640 | 1,681,148 |
| Senior Lien, Series B (AGM), 7.50%, 7/01/33 | 1,500 | 1,806,105 |
| Senior Lien, Series B (BHAC), 5.50%, 7/01/35 | 3,750 | 3,928,650 |
| System, Second Lien, Series A (BHAC), 5.50%, 7/01/36 | 2,265 | 2,353,222 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

City of Detroit Michigan, Refunding RB:

| | | |
|--|-------|------------|
| Second Lien, Series E (BHAC), 5.75%, 7/01/31 | 2,270 | 2,425,994 |
| Senior Lien, Series C-1 (AGM), 7.00%, 7/01/27 | 1,650 | 1,929,065 |
| Michigan State Building Authority, RB, Facilities Program, Series H (AGM), 5.00%, 10/15/26 | 375 | 390,131 |
| Michigan State Building Authority, Refunding RB, Facilities Program, Series I (AGC): | | |
| 5.25%, 10/15/22 | 1,350 | 1,504,602 |
| 5.25%, 10/15/24 | 615 | 669,932 |
| 5.25%, 10/15/25 | 310 | 334,626 |
| Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital, 8.25%, 9/01/39 | 1,265 | 1,510,511 |
| | | 20,738,934 |

Minnesota 2.9%

| | | |
|---|-------|-----------|
| City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC), 6.50%, 11/15/38 | 3,000 | 3,373,590 |
|---|-------|-----------|

Nevada 2.0%

| | | |
|---|-------|-----------|
| County of Clark Nevada, RB, Las Vegas-McCarran International Airport, Series A (AGC), 5.25%, 7/01/39 | 2,355 | 2,402,241 |
|---|-------|-----------|

New Jersey 2.2%

| | | |
|---|-------|-----------|
| New Jersey EDA, RB, School Facilities Construction, Series Z (AGC), 6.00%, 12/15/34 | 1,000 | 1,137,430 |
| New Jersey Health Care Facilities Financing Authority, RB, Virtua Health (AGC), 5.50%, 7/01/38 | 1,400 | 1,494,444 |
| | | 2,631,874 |

| | | |
|------------------------|--------------|--------------|
| | Par | |
| Municipal Bonds | (000) | Value |

New York 5.8%

| | | |
|--|----------|--------------|
| New York City Transitional Finance Authority, RB, Fiscal 2009: | | |
| Series S-3, 5.25%, 1/15/39 | \$ 1,000 | \$ 1,069,680 |
| Series S-4 (AGC), 5.50%, 1/15/29 | 2,000 | 2,234,740 |
| New York State Dormitory Authority, ERB, Series B, 5.25%, 3/15/38 | 3,250 | 3,523,975 |
| | | 6,828,395 |

Ohio 1.4%

| | | |
|--|--|--|
| Ohio Higher Educational Facility Commission, Refunding RB, Summa Health System, 2010 Project (AGC), | | |
|--|--|--|

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|-------|-----------|
| 5.25%, 11/15/40 | 1,650 | 1,665,345 |
| Pennsylvania 1.3% | | |
| Pennsylvania Turnpike Commission, RB, Sub-Series B (AGM), 5.25%, 6/01/39 | 1,455 | 1,528,332 |
| Puerto Rico 1.3% | | |
| Puerto Rico Sales Tax Financing Corp., RB, First Sub-Series A, 6.38%, 8/01/39 | 1,425 | 1,573,257 |
| Texas 20.4% | | |
| City of Austin Texas, Refunding RB, Series A (AGM): | | |
| 5.00%, 11/15/28 | 720 | 770,796 |
| 5.00%, 11/15/29 | 915 | 973,240 |
| City of Dallas Texas, Refunding RB (AGC), 5.25%, 8/15/38 | 850 | 882,827 |
| City of Houston Texas, Refunding RB, Combined, First Lien, Series A (AGC): | | |
| 6.00%, 11/15/35 | 2,700 | 3,107,565 |
| 6.00%, 11/15/36 | 2,055 | 2,363,558 |
| 5.38%, 11/15/38 | 1,000 | 1,088,640 |
| County of Bexar Texas, RB, Venue Project, Motor Vehicle Rental (BHAC): | | |
| 5.00%, 8/15/27 | 1,040 | 1,111,635 |
| 5.00%, 8/15/28 | 1,090 | 1,155,836 |
| 5.00%, 8/15/39 | 880 | 910,598 |
| Frisco ISD Texas, GO, School Building (AGC), 5.50%, 8/15/41 | 1,210 | 1,319,699 |
| Harris County Health Facilities Development Corp., Refunding RB, Memorial Hermann Healthcare System, Series B, 7.25%, 12/01/35 | 500 | 568,935 |
| Lower Colorado River Authority, Refunding RB, LCRA Transmission Services Project (AGC), 5.50%, 5/15/36 | 1,155 | 1,229,393 |
| Lubbock Cooper ISD Texas, GO, School Building (AGC), 5.75%, 2/15/42 | 500 | 539,495 |
| North Texas Tollway Authority, RB, System, First Tier, Series K-1 (AGC), 5.75%, 1/01/38 | 1,400 | 1,524,530 |
| North Texas Tollway Authority, Refunding RB, System, First Tier, Series A: | | |
| (AGC), 5.75%, 1/01/40 | 1,500 | 1,618,080 |
| (NPFGC), 5.13%, 1/01/28 | 3,500 | 3,603,180 |
| Tarrant County Cultural Education Facilities Finance Corp., Refunding RB, Christus Health, Series A (AGC), | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|-------|-------------|
| 6.50%, 7/01/37 | 1,100 | 1,207,448 |
| | | 23,975,455 |
| Utah 1.5% | | |
| City of Riverton Utah, RB, IHC Health Services Inc., | | |
| 5.00%, 8/15/41 | 1,670 | 1,708,995 |
| Virginia 1.1% | | |
| Virginia Public School Authority, RB, School Financing, | | |
| 6.50%, 12/01/35 | 1,100 | 1,277,155 |
| Total Municipal Bonds 126.5% | | 148,454,371 |

See Notes to Financial Statements.

20 ANNUAL REPORT

JULY 31, 2010

Schedule of Investments (continued)

BlackRock MuniYield Insured Investment Fund (MFT)

(Percentages shown are based on Net Assets)

| Municipal Bonds Transferred to | Par | Value |
|--|--------------|--------------|
| Tender Option Bond Trusts (a) | (000) | |
| Alabama 1.3% | | |
| Mobile Board of Water & Sewer Commissioners, RB (NPFGC), 5.00%, 1/01/31 | \$ 1,500 | \$ 1,528,440 |
| California 2.2% | | |
| San Diego Community College District California, GO, Election of 2002 (AGM), 5.00%, 5/01/30 | 2,500 | 2,576,100 |
| District of Columbia 0.7% | | |
| District of Columbia Water & Sewer Authority, RB, Series A, 6.00%, 10/01/35 | 750 | 847,600 |
| Florida 8.9% | | |
| City of Jacksonville Florida, RB, Better Jacksonville (NPFGC), 5.00%, 10/01/27 | 1,320 | 1,356,089 |
| Hillsborough County Aviation Authority, RB, Series A, AMT (AGC), 5.50%, 10/01/38 | 2,499 | 2,555,152 |
| Lee County Housing Finance Authority, RB, Multi-County Program, Series A-2, AMT (Ginnie Mae), 6.00%, 9/01/40 | 1,035 | 1,141,802 |
| Manatee County Housing Finance Authority, RB, Series A, AMT (Ginnie Mae), 5.90%, 9/01/40 | 891 | 952,759 |
| South Broward Hospital District, RB, Hospital (NPFGC), 5.63%, 5/01/12 (b) | 4,000 | 4,386,720 |
| | | 10,392,522 |
| Illinois 2.6% | | |
| Chicago Transit Authority, Refunding RB, Federal Transit Administration Section 5309 (AGM), 5.00%, 6/01/28 | 2,999 | 3,066,603 |
| Kentucky 0.9% | | |
| Kentucky State Property & Building Commission, Refunding RB, Project No. 93 (AGC), 5.25%, 2/01/27 | 1,002 | 1,096,079 |
| Nevada 3.8% | | |
| Clark County Water Reclamation District, GO: | | |
| Limited Tax, 6.00%, 7/01/38 | 2,010 | 2,258,737 |
| Series B, 5.50%, 7/01/29 | 1,994 | 2,207,476 |
| | | 4,466,213 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

New Jersey 1.5%

| | | |
|--|-------|-----------|
| New Jersey State Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC, 5.25%, 10/01/29 | 1,620 | 1,686,697 |
|--|-------|-----------|

New York 2.8%

| | | |
|---|-------|-----------|
| New York City Municipal Water Finance Authority, RB, Series FF-2, 5.50%, 6/15/40 | 1,095 | 1,222,406 |
| New York State Thruway Authority, RB, Series G (AGM), 5.00%, 1/01/32 | 2,000 | 2,071,280 |
| | | 3,293,686 |

Texas 2.4%

| | | |
|--|-------|-----------|
| City of San Antonio Texas, Refunding RB, Series A, 5.25%, 2/01/31 | 2,609 | 2,840,654 |
|--|-------|-----------|

Total Municipal Bonds Transferred to

| | | |
|--|--|------------|
| Tender Option Bond Trusts 27.1% | | 31,794,594 |
|--|--|------------|

Total Long-Term Investments

| | | |
|------------------------------------|--|-------------|
| (Cost \$172,561,778) 153.6% | | 180,248,965 |
|------------------------------------|--|-------------|

| Short-Term Securities | Shares | Value |
|---|---------------|---------------|
| FII Institutional Tax-Exempt Fund, 0.21% (c)(d) | 8,124,572 | \$ 8,124,572 |
| Total Short-Term Securities | | |
| (Cost \$8,124,572) 6.9% | | 8,124,572 |
| Total Investments (Cost \$180,686,350*) 160.5% | | 188,373,537 |
| Other Assets Less Liabilities 1.5% | | 1,710,357 |
| Liability for Trust Certificates, Including Interest | | |
| Expense and Fees Payable (13.8)% | | (16,213,087) |
| Preferred Shares, at Redemption Value (48.2)% | | (56,529,959) |
| Net Assets Applicable to Common Shares 100.0% | | \$117,340,848 |

* The cost and unrealized appreciation (depreciation) of investments as of July 31, 2010, as computed for federal income tax purposes, were as follows:

| | |
|-------------------------------|---------------|
| Aggregate cost | \$164,395,067 |
| Gross unrealized appreciation | \$ 8,247,313 |
| Gross unrealized depreciation | (469,130) |
| Net unrealized appreciation | \$ 7,778,183 |

(a) Securities represent bonds transferred to a tender option bond trust in exchange for which the Fund acquired residual interest certificates. These securities serve as collateral in a financing transaction. See Note 1 of the Notes to Financial Statements for details of municipal bonds transferred to tender option bond trusts.

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

(b) US government securities, held in escrow, are used to pay interest on this security as well as to retire the bond in full at the date indicated, typically at a premium to par.

(c) Investments in companies considered to be an affiliate of the Fund during the year, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

| Affiliate | Shares Held at July 31, 2009 | Net Activity | Shares Held at July 31, 2010 | Income |
|--------------------------------------|---|-------------------------|---|---------------|
| FFI Institutional Tax-Exempt Fund | 2,301,550 | 5,823,022 | 8,124,572 | \$ 12,732 |

(d) Represents the current yield as of report date.

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

21

Schedule of Investments (concluded)

BlackRock MuniYield Insured Investment Fund (MFT)

Fair Value Measurements Various inputs are used in determining the fair value of investments, which are as follows:

Level 1 price quotations in active markets/exchanges for identical assets and liabilities

Level 2 other observable inputs (including, but not limited to: quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Fund's own assumptions used in determining the fair value of investments)

The inputs or methodologies used for valuing securities are not necessarily an indication of the risk associated with investing in those securities. For information about the Fund's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following table summarizes the inputs used as of July 31, 2010 in determining the fair valuation of the Fund's investments:

| Valuation Inputs | Level 1 | Level 2 | Level 3 | Total |
|--------------------------|--------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments in | | | | |
| Securities: | | | | |
| Long-Term | | | | |
| Investments ¹ | | \$ 180,248,965 | | \$ 180,248,965 |
| Short-Term | | | | |
| Securities | \$ 8,124,572 | | | 8,124,572 |
| Total | \$ 8,124,572 | \$ 180,248,965 | | \$ 188,373,537 |

¹ See above Schedule of Investments for values in each state or political subdivision.

See Notes to Financial Statements.

22 ANNUAL REPORT

JULY 31, 2010

Schedule of Investments July 31, 2010

BlackRock MuniYield Michigan Insured Fund, Inc. (MIY)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|--------------|--------------|
| Municipal Bonds | | |
| Michigan 138.4% | | |
| Corporate 12.4% | | |
| Delta County EDC, Refunding RB, Mead Westvaco- Escanaba, Series B, AMT, 6.45%, 4/15/12 (a) | \$ 1,500 | \$ 1,654,260 |
| Dickinson County EDC Michigan, Refunding RB, International Paper Co. Project, Series A, 5.75%, 6/01/16 | 3,900 | 4,003,779 |
| Michigan Strategic Fund, Refunding RB, Detroit Edison Co. Project, Series A, AMT (NPFGC), 5.55%, 9/01/29 | 10,250 | 10,263,325 |
| Monroe County EDC Michigan, Refunding RB, Detroit Edison Co. Project, Series AA (NPFGC), 6.95%, 9/01/22 | 15,000 | 17,763,600 |
| | | 33,684,964 |
| County/City/Special District/School District 48.1% | | |
| Adrian City School District Michigan, GO (AGM) (a): 5.00%, 5/01/14 | 2,000 | 2,305,340 |
| 5.00%, 5/01/14 | 1,600 | 1,844,272 |
| Avondale School District Michigan, GO (AGC): 4.00%, 5/01/20 | 1,000 | 1,012,270 |
| 4.30%, 5/01/22 | 400 | 406,904 |
| Bay City School District Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/36 | 9,000 | 9,202,320 |
| Birmingham City School District Michigan, GO, School Building & Site (AGM), 5.00%, 11/01/33 | 1,000 | 1,026,880 |
| Charter Township of Canton Michigan, GO, Capital Improvement (AGM): 5.00%, 4/01/25 | 1,840 | 1,947,787 |
| 5.00%, 4/01/26 | 2,000 | 2,104,000 |
| 5.00%, 4/01/27 | 500 | 530,490 |
| City of Oak Park Michigan, GO, Street Improvement (NPFGC), 5.00%, 5/01/30 | 500 | 516,095 |
| County of Genesee Michigan, GO, Refunding, Series A | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|-------|-----------|
| (NPFGC), 5.00%, 5/01/19 | 600 | 643,128 |
| County of Genesee Michigan, GO, Water Supply System | | |
| (NPFGC), 5.13%, 11/01/33 | 1,000 | 1,010,200 |
| County of Wayne Michigan, GO (NPFGC), Series A: | | |
| Airport Hotel, Detroit Metropolitan Airport, | | |
| 5.00%, 12/01/30 | 1,750 | 1,631,385 |
| Building Authority, Capital Improvement, | | |
| 5.25%, 6/01/16 | 1,000 | 1,003,590 |
| Dearborn Brownfield Redevelopment Authority, GO, | | |
| Limited Tax, Redevelopment, Series A (AGC), | | |
| 5.50%, 5/01/39 | 3,300 | 3,489,816 |
| Detroit City School District Michigan, GO, Refunding, | | |
| School Building & Site Improvement, Series A (AGM), | | |
| 5.00%, 5/01/21 | 3,000 | 3,095,310 |
| Detroit City School District Michigan, GO, School | | |
| Building & Site Improvement (FGIC): | | |
| Series A, 5.38%, 5/01/13 (a) | 1,300 | 1,466,270 |
| Series B, 5.00%, 5/01/28 | 3,100 | 3,102,139 |
| Eaton Rapids Public Schools Michigan, GO, School | | |
| Building & Site (AGM): | | |
| 5.25%, 5/01/20 | 1,325 | 1,470,008 |
| 5.25%, 5/01/21 | 1,675 | 1,831,880 |
| Ecorse Public School District Michigan, GO, Refunding | | |
| (AGM), 5.00%, 5/01/27 | 1,000 | 1,037,130 |
| Gibraltar School District Michigan, GO, School | | |
| Building & Site: | | |
| (FGIC), 5.00%, 5/01/14 (a) | 2,940 | 3,380,618 |
| (NPFGC), 5.00%, 5/01/28 | 710 | 726,018 |
| Grand Blanc Community Schools Michigan, GO | | |
| (NPFGC), 5.63%, 5/01/20 | 1,100 | 1,151,997 |
| Grand Rapids Building Authority Michigan, RB, Series A | | |
| (AMBAC) (a): | | |
| 5.50%, 10/01/12 | 435 | 482,672 |
| 5.50%, 10/01/12 | 600 | 665,754 |

| | Par | Value |
|--|-------|-------|
| | (000) | |
| Municipal Bonds | | |
| Michigan (continued) | | |
| County/City/Special District/School | | |
| District (concluded) | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|--------|------------|
| Grand Rapids Public Schools Michigan, GO, School Building & Site (AGM), 4.13%, 5/01/11 | \$ 500 | \$ 513,185 |
| Gull Lake Community School District Michigan, GO, School Building & Site (AGM) (a): | | |
| 5.00%, 5/01/14 | 2,000 | 2,305,340 |
| 5.00%, 5/01/14 | 3,625 | 4,178,429 |
| Harper Creek Community School District Michigan, GO, Refunding (AGM), 5.00%, 5/01/22 | 1,125 | 1,215,337 |
| Harper Woods School District Michigan, GO, Refunding, School Building & Site: | | |
| (FGIC), 5.00%, 5/01/14 (a) | 4,345 | 5,008,351 |
| (NPFGC), 5.00%, 5/01/34 | 430 | 435,246 |
| Jenison Public Schools Michigan, GO, Building and Site (NPFGC), 5.50%, 5/01/19 | 1,575 | 1,678,651 |
| L Anse Creuse Public Schools Michigan, GO, School Building & Site (AGM): | | |
| 5.00%, 5/01/12 | 650 | 695,844 |
| 5.00%, 5/01/24 | 1,000 | 1,062,080 |
| 5.00%, 5/01/25 | 1,525 | 1,611,955 |
| 5.00%, 5/01/26 | 1,600 | 1,682,672 |
| 5.00%, 5/01/35 | 3,000 | 3,069,780 |
| Lansing Building Authority Michigan, GO, Series A (NPFGC), 5.38%, 6/01/13 (a) | 1,510 | 1,714,137 |
| Lincoln Consolidated School District Michigan, GO, Refunding (NPFGC), 4.63%, 5/01/28 | 5,500 | 5,556,375 |
| Livonia Public Schools School District Michigan, GO, Refunding, Series A (NPFGC), 5.00%, 5/01/24 | 1,000 | 1,043,070 |
| Michigan State Building Authority, Facilities, Series I: | | |
| 5.50%, 10/15/11 (a) | 145 | 154,073 |
| 5.50%, 10/15/18 | 2,355 | 2,450,825 |
| Michigan State Building Authority, RB, Facilities Program, Series H (AGM), 5.00%, 10/15/26 | 4,500 | 4,681,575 |
| Michigan State Building Authority, Refunding RB, Facilities Program, Series I (AGM): | | |
| 5.50%, 10/15/10 | 4,330 | 4,375,855 |
| 5.50%, 10/15/10 (b) | 420 | 424,616 |
| 5.50%, 10/15/11 | 14,175 | 14,998,851 |
| Montrose Community Schools, GO (NPFGC), 6.20%, 5/01/17 | 1,000 | 1,200,460 |
| New Haven Community Schools Michigan, GO, Refunding, School Building & Site (AGM), | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|-------|-------------|
| 5.00%, 5/01/23 | 1,500 | 1,594,770 |
| Orchard View Schools Michigan, GO, School Building & Site (NPFGC), 5.00%, 11/01/13 (a) | 5,320 | 6,062,300 |
| Pennfield School District Michigan, GO, School Building & Site (a): | | |
| (FGIC), 5.00%, 5/01/14 | 765 | 878,121 |
| (NPFGC), 5.00%, 5/01/14 | 605 | 694,461 |
| Reed City Public Schools Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/14 (a) | 1,425 | 1,642,555 |
| Southfield Public Schools Michigan, GO, School Building & Site, Series B (AGM), 5.00%, 5/01/14 (a) | 3,500 | 4,009,180 |
| Thornapple Kellogg School District Michigan, GO, School Building & Site (NPFGC), 5.00%, 5/01/32 | 2,500 | 2,563,150 |
| Van Dyke Public Schools Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/28 | 1,250 | 1,312,137 |
| West Bloomfield School District Michigan, GO, Refunding (NPFGC): | | |
| 5.50%, 5/01/17 | 1,710 | 1,822,535 |
| 5.50%, 5/01/18 | 1,225 | 1,305,617 |
| Zeeland Public Schools Michigan, GO, School Building & Site (NPFGC), 5.00%, 5/01/29 | 1,600 | 1,633,872 |
| | | 130,659,678 |

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

23

Schedule of Investments (continued)

BlackRock MuniYield Michigan Insured Fund, Inc. (MIY)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|--------------|------------|
| Municipal Bonds | | |
| Michigan (continued) | | |
| Education 5.4% | | |
| Eastern Michigan University, Refunding RB, General (AMBAC), 6.00%, 6/01/20 | \$ 435 | \$ 440,851 |
| Grand Valley State University Michigan, RB, General (NPFGC), 5.50%, 2/01/18 | 2,070 | 2,299,418 |
| Michigan Higher Education Facilities Authority, RB, Limited Obligation, Hillsdale College Project, 5.00%, 3/01/35 | 1,875 | 1,810,594 |
| Michigan Higher Education Facilities Authority, Refunding RB, Limited Obligation, Creative Studies (a): 5.85%, 6/01/12 | 1,235 | 1,354,091 |
| 5.90%, 6/01/12 | 1,145 | 1,256,454 |
| Michigan Higher Education Student Loan Authority, RB, AMT (AMBAC), Student Loan: Series XVII-B, 5.40%, 6/01/18 | 2,500 | 2,502,050 |
| Series XVII-Q, 5.00%, 3/01/31 | 3,000 | 2,862,600 |
| Saginaw Valley State University Michigan, Refunding RB, General (NPFGC), 5.00%, 7/01/24 | 2,100 | 2,175,411 |
| | | 14,701,469 |
| Health 21.2% | | |
| Dickinson County Healthcare System, Refunding RB, Series A (ACA), 5.80%, 11/01/24 | 3,100 | 3,067,140 |
| Flint Hospital Building Authority Michigan, Refunding RB (ACA), Hurley Medical Center: 6.00%, 7/01/20 | 1,205 | 1,195,179 |
| Series A, 5.38%, 7/01/20 | 615 | 581,532 |
| Kent Hospital Finance Authority Michigan, RB, Spectrum Health, Series A (NPFGC), 5.50%, 7/15/11 (a) | 3,000 | 3,177,480 |
| Kent Hospital Finance Authority Michigan, Refunding RB, Butterworth, Series A (NPFGC), 7.25%, 1/15/13 (b) | 1,955 | 2,094,020 |
| Michigan State Hospital Finance Authority, RB: Ascension Health Senior Credit Group, | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|-------|------------|
| 5.00%, 11/15/25 | 3,700 | 3,931,398 |
| Hospital, MidMichigan Obligation Group, Series A (AMBAC), 5.50%, 4/15/18 | 2,530 | 2,591,909 |
| McLaren Health Care, Series C, 5.00%, 8/01/35 | 1,000 | 983,180 |
| MidMichigan Obligation Group, Series A, 5.00%, 4/15/36 | 1,750 | 1,681,365 |
| Michigan State Hospital Finance Authority, Refunding RB: Henry Ford Health System, Series A, 5.25%, 11/15/46 | 2,500 | 2,298,100 |
| Hospital, Crittenton, Series A, 5.63%, 3/01/27 | 2,050 | 2,055,002 |
| Hospital, Oakwood Obligation Group, Series A, 5.00%, 7/15/25 | 3,260 | 3,235,844 |
| Hospital, Oakwood Obligation Group, Series A, 5.00%, 7/15/37 | 630 | 576,078 |
| Hospital, Sparrow Obligated, 5.00%, 11/15/31 | 3,100 | 2,970,451 |
| McLaren Health Care, 5.75%, 5/15/38 | 4,500 | 4,671,090 |
| Trinity Health Credit, Series A, 6.00%, 12/01/20 | 2,200 | 2,238,104 |
| Trinity Health Credit, Series A, 6.25%, 12/01/28 | 930 | 1,035,183 |
| Trinity Health Credit, Series A, 6.50%, 12/01/33 | 1,000 | 1,117,840 |
| Trinity Health Credit, Series A (AMBAC), 6.00%, 12/01/10 (a) | 90 | 92,477 |
| Trinity Health Credit, Series A (AMBAC), 6.00%, 12/01/27 | 6,310 | 6,405,344 |
| Trinity Health Credit, Series C, 5.38%, 12/01/23 | 1,000 | 1,016,470 |
| Trinity Health Credit, Series C, 5.38%, 12/01/30 | 3,755 | 3,764,087 |
| Trinity Health Credit, Series D, 5.00%, 8/15/34 | 3,100 | 3,040,418 |
| Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital, 8.25%, 9/01/39 | 1,000 | 1,194,080 |
| Saginaw Hospital Finance Authority Michigan, Refunding RB, Covenant Medical Center, Series E (NPFGC), 5.63%, 7/01/13 | 2,500 | 2,506,900 |
| | | 57,520,671 |

| | Par (000) | Value |
|--|--------------|-------|
|--|--------------|-------|

Michigan (concluded)

Housing 4.5%

Michigan State HDA, RB:
Deaconess Tower, AMT (Ginnie Mae),

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|----------|--------------|
| 5.25%, 2/20/48 | \$ 1,000 | \$ 1,009,840 |
| Series A, 6.00%, 10/01/45 | 6,990 | 7,258,835 |
| Series A, AMT (NPFGC), 5.30%, 10/01/37 | 130 | 130,194 |
| Williams Pavilion, AMT (Ginnie Mae), 4.75%, 4/20/37 | 3,925 | 3,803,403 |
| | | 12,202,272 |
| State 11.5% | | |
| Michigan Municipal Bond Authority, RB, Local Government Loan Program, Group A (AMBAC), 5.50%, 11/01/20 | 1,065 | 1,066,118 |
| Michigan Municipal Bond Authority, Refunding RB, Local Government, Charter County Wayne, Series B (AGC): 5.00%, 11/01/14 | 2,400 | 2,725,128 |
| 5.00%, 11/01/15 | 1,500 | 1,686,615 |
| 5.00%, 11/01/16 | 500 | 568,605 |
| 5.38%, 11/01/24 | 125 | 138,175 |
| Michigan State Building Authority, Refunding RB: Facilities Program, Series I, 6.25%, 10/15/38 | 3,900 | 4,318,626 |
| Facilities Program, Series I (AGC), 5.25%, 10/15/24 | 4,000 | 4,357,280 |
| Facilities Program, Series I (AGC), 5.25%, 10/15/25 | 2,000 | 2,158,880 |
| Facilities Program, Series I (AGC), 5.25%, 10/15/26 | 600 | 642,924 |
| Facilities Program, Series II (NPFGC), 5.00%, 10/15/29 | 3,500 | 3,525,515 |
| Series IA (NPFGC), 5.00%, 10/15/32 | 2,500 | 2,513,050 |
| State of Michigan, COP (AMBAC), 5.54%, 6/01/22 (b)(c) | 3,000 | 1,945,680 |
| State of Michigan, RB, GAN (AGM), 5.25%, 9/15/27 | 5,250 | 5,562,953 |
| | | 31,209,549 |
| Transportation 16.8% | | |
| County of Wayne Michigan, RB, Detroit Metropolitan, Wayne County, Series A, AMT (NPFGC), 5.38%, 12/01/15 | 10,660 | 10,734,087 |
| Wayne County Airport Authority, RB, Detroit Metropolitan Wayne County Airport, AMT (NPFGC): 5.25%, 12/01/25 | 7,525 | 7,338,832 |
| 5.25%, 12/01/26 | 6,300 | 6,072,003 |
| 5.00%, 12/01/34 | 9,160 | 7,963,154 |
| Wayne County Airport Authority, Refunding RB, AMT (AGC): 5.75%, 12/01/25 | 4,000 | 4,136,040 |
| 5.75%, 12/01/26 | 1,000 | 1,027,210 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|--------|--------------------|
| 5.38%, 12/01/32 | 8,700 | 8,281,356 |
| | | 45,552,682 |
| Utilities 18.5% | | |
| City of Detroit Michigan, RB: | | |
| Second Lien, Series B (AGM), 7.00%, 7/01/36 | 3,000 | 3,467,100 |
| Second Lien, Series B (NPFGC), 5.00%, 7/01/13 (a) | 1,550 | 1,739,859 |
| Second Lien, Series B (NPFGC), 5.00%, 7/01/34 | 2,420 | 2,376,827 |
| Senior Lien, Series A (AGM), 5.00%, 7/01/25 | 4,000 | 4,077,800 |
| Senior Lien, Series A (FGIC), 5.75%, 7/01/11 (a) | 5,250 | 5,546,205 |
| Senior Lien, Series A (NPFGC), 5.00%, 7/01/34 | 6,900 | 6,758,274 |
| Series B (NPFGC), 5.25%, 7/01/13 (a) | 11,790 | 13,319,163 |
| City of Detroit Michigan, Refunding RB: | | |
| (FGIC), 6.25%, 7/01/12 (b) | 525 | 560,968 |
| Second Lien, Series C (AGM), 5.00%, 7/01/29 | 10,570 | 10,677,391 |
| City of Muskegon Heights Michigan, RB, Series A | | |
| (NPFGC), 5.63%, 11/01/10 (a) | 1,830 | 1,854,980 |
| | | 50,378,567 |
| Total Municipal Bonds in Michigan | | 375,909,852 |

See Notes to Financial Statements.

24 ANNUAL REPORT

JULY 31, 2010

Schedule of Investments (concluded)

BlackRock MuniYield Michigan Insured Fund, Inc. (MIY)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|--------------|--------------|
| Municipal Bonds | | |
| Guam 0.6% | | |
| Utilities 0.6% | | |
| Guam Power Authority, Refunding RB, Series A (AGM), 5.00%, 10/01/37 | \$ 1,565 | \$ 1,567,363 |
| Puerto Rico 6.4% | | |
| County/City/Special District/School District 1.9% | | |
| Puerto Rico Sales Tax Financing Corp., Refunding RB, First Sub-Series C (AGM), 5.13%, 8/01/42 | 5,100 | 5,275,491 |
| Housing 0.7% | | |
| Puerto Rico Housing Finance Authority, Refunding RB, Subordinate, Capital Fund Modernization, 5.13%, 12/01/27 | 2,000 | 2,019,460 |
| State 2.2% | | |
| Puerto Rico Public Buildings Authority, Refunding RB, Government Facilities, Series M-3 (NPFGC), 6.00%, 7/01/27 | 2,100 | 2,221,779 |
| Puerto Rico Sales Tax Financing Corp., Refunding RB, CAB, Series A (NPFGC) (c): 5.19%, 8/01/43 | 12,500 | 1,610,750 |
| 4.99%, 8/01/46 | 20,000 | 2,102,200 |
| | | 5,934,729 |
| Transportation 1.6% | | |
| Puerto Rico Highway & Transportation Authority, Refunding RB, Series CC (AGC), 5.50%, 7/01/31 | 4,000 | 4,300,760 |
| Total Municipal Bonds in Puerto Rico | | 17,530,440 |
| Total Municipal Bonds 145.4% | | 395,007,655 |
| Municipal Bonds Transferred to Tender Option Bond Trusts (d) | | |
| Michigan 11.9% | | |
| Corporate 4.7% | | |
| Wayne State University, Refunding RB, General (AGM), 5.00%, 11/15/35 | 12,210 | 12,713,540 |
| County/City/Special District/School District 2.6% | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|---------------|---------------|
| Lakewood Public Schools Michigan, GO, School | | |
| Building & Site (AGM), 5.00%, 5/01/37 | 6,470 | 6,993,229 |
| Education 4.6% | | |
| Portage Public Schools Michigan, GO, School | | |
| Building & Site (AGM), 5.00%, 5/01/31 | 4,650 | 4,849,904 |
| Saginaw Valley State University, Refunding RB, General | | |
| (AGM), 5.00%, 7/01/31 | 7,500 | 7,808,100 |
| | | 12,658,004 |
| Total Municipal Bonds Transferred to | | |
| Tender Option Bond Trusts 11.9% | | 32,364,773 |
| Total Long-Term Investments | | |
| (Cost \$415,095,523) 157.3% | | 427,372,428 |
| Short-Term Securities | Shares | |
| BIF Michigan Municipal Money Fund, 0.00% (e)(f) | 1,734,583 | 1,734,583 |
| Total Short-Term Securities | | |
| (Cost \$1,734,583) 0.7% | | 1,734,583 |
| | | Value |
| Total Investments (Cost \$416,830,106*) 158.0% | | \$429,107,011 |
| Other Assets Less Liabilities 1.3% | | 3,364,555 |
| Liability for Trust Certificates, Including Interest | | |
| Expense and Fees Payable (6.0)% | | (16,198,810) |
| Preferred Shares, at Redemption Value (53.3)% | | (144,663,323) |
| Net Assets Applicable to Common Shares 100.0% | | \$271,609,433 |

* The cost and unrealized appreciation (depreciation) of investments as of July 31, 2010, as computed for federal income tax purposes, were as follows:

| | |
|-------------------------------|---------------|
| Aggregate cost | \$400,516,721 |
| Gross unrealized appreciation | \$ 18,088,048 |
| Gross unrealized depreciation | (5,687,758) |
| Net unrealized appreciation | \$ 12,400,290 |

(a) US government securities, held in escrow, are used to pay interest on this security as well as to retire the bond in full at the date indicated, typically at a premium to par.

(b) Security is collateralized by Municipal or US Treasury obligations.

(c) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.

(d) Securities represent bonds transferred to a tender option bond trust in exchange for which the Fund acquired residual interest certificates. These securities serve as collateral in a financing transaction. See Note 1 of the Notes to Financial

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

Statements for details of municipal bonds transferred to tender option bond trusts.

(e) Investments in companies considered to be an affiliate of the Fund during the year, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, are as follows:

| Affiliate | Shares Held at July 31, 2009 | Net Activity | Shares Held at July 31, 2010 | Income |
|---|------------------------------------|-----------------|------------------------------------|--------|
| BIF Michigan Municipal Money Fund | 7,530,323 | (5,795,740) | 1,734,583 | \$ 958 |

(f) Represents the current yield as of report date.

For Fund compliance purposes, the Fund's sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by Fund management. This definition may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Fair Value Measurements Various inputs are used in determining the fair value of investments, which are as follows:

Level 1 price quotations in active markets/exchanges for identical assets and liabilities

Level 2 other observable inputs (including, but not limited to: quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Fund's own assumptions used in determining the fair value of investments)

The inputs or methodologies used for valuing securities are not necessarily an indication of the risk associated with investing in those securities. For information about the Fund's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements. The following table summarizes the inputs used as of July 31, 2010 in determining the fair valuation of the Fund's investments:

| Valuation Inputs | Level 1 | Level 2 | Level 3 | Total |
|---------------------------------------|---------|----------------|---------|----------------|
| Assets: | | | | |
| Investments in Securities: | | | | |
| Long-Term Investments ¹ | | \$ 427,372,428 | | \$ 427,372,428 |
| Short-Term | | | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | | |
|--------------|--------------|----------------|----------------|
| Securities | \$ 1,734,583 | | 1,734,583 |
| Total | \$ 1,734,583 | \$ 427,372,428 | \$ 429,107,011 |

¹ See above Schedule of Investments for values in each sector.

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

25

Schedule of Investments July 31, 2010

BlackRock MuniYield New Jersey Insured Fund, Inc. (MJJ)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|--------------|--------------|
| Municipal Bonds | | |
| New Jersey 121.3% | | |
| Corporate 3.9% | | |
| New Jersey EDA, Refunding RB, New Jersey American Water Co., Series A, AMT, 5.70%, 10/01/39 | \$ 5,000 | \$ 5,134,600 |
| County/City/Special District/School District 23.6% | | |
| Borough of Hopatcong New Jersey, GO, Refunding, Sewer (AMBAC), 4.50%, 8/01/33 | 750 | 762,225 |
| City of Perth Amboy New Jersey, GO, CAB (AGM), 5.11%, 7/01/35 (a) | 1,250 | 1,162,125 |
| County of Hudson New Jersey, COP, Refunding (NPFGC), 6.25%, 12/01/16 | 1,000 | 1,174,740 |
| County of Middlesex New Jersey, COP, Refunding (NPFGC), 5.00%, 8/01/22 | 3,000 | 3,087,270 |
| Edgewater Borough Board of Education, GO (AGM): | | |
| 4.25%, 3/01/34 | 300 | 297,780 |
| 4.25%, 3/01/35 | 300 | 296,829 |
| 4.30%, 3/01/36 | 300 | 296,409 |
| 4.30%, 3/01/37 | 300 | 299,802 |
| 4.30%, 3/01/38 | 300 | 298,359 |
| 4.30%, 3/01/39 | 300 | 297,987 |
| 4.30%, 3/01/40 | 300 | 297,162 |
| Essex County Improvement Authority, Refunding RB, AMT (NPFGC), 4.75%, 11/01/32 | 1,000 | 933,500 |
| Hudson County Improvement Authority, RB: | | |
| CAB, Series A-1 (NPFGC), 4.51%, 12/15/32 (b) | 1,000 | 277,990 |
| Harrison Parking Facility Project, Series C (AGC), 5.38%, 1/01/44 | 1,400 | 1,500,212 |
| Hudson County Improvement Authority, Refunding RB, Hudson County Lease Project (NPFGC), 5.38%, 10/01/24 | 7,500 | 7,549,425 |
| Monmouth County Improvement Authority, RB, Governmental Loan (AMBAC): | | |
| 5.00%, 12/01/11 (c) | 975 | 1,036,601 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|-------|------------|
| 5.00%, 12/01/11 (c) | 980 | 1,041,916 |
| 5.00%, 12/01/17 | 605 | 620,228 |
| 5.00%, 12/01/18 | 545 | 556,783 |
| 5.00%, 12/01/19 | 560 | 570,707 |
| Monmouth County Improvement Authority, Refunding RB, Governmental Loan (AMBAC): | | |
| 5.20%, 12/01/14 | 240 | 242,650 |
| 5.25%, 12/01/15 | 765 | 772,061 |
| Morristown Parking Authority, RB (NPFGC), | | |
| 4.50%, 8/01/37 | 1,355 | 1,362,276 |
| New Jersey State Transit Corp., COP, Subordinate, Federal Transit Administration Grants, Series A (AGM), | | |
| 5.00%, 9/15/21 | 1,000 | 1,042,540 |
| Newark Housing Authority, Refunding RB, Newark Redevelopment Project (NPFGC), 4.38%, 1/01/37 | 3,600 | 3,469,284 |
| Salem County Improvement Authority, RB, Finlaw Street Office Building (AGM): | | |
| 5.38%, 8/15/28 | 1,250 | 1,290,975 |
| 5.25%, 8/15/38 | 700 | 701,617 |
| | | 31,239,453 |

Education 22.1%

| | | |
|---|-------|-----------|
| New Jersey Educational Facilities Authority, RB: Montclair State University, Series A (AMBAC), | | |
| 5.00%, 7/01/21 | 1,600 | 1,714,016 |
| Rowan University, Series C (NPFGC), | | |
| 5.00%, 7/01/14 (c) | 1,185 | 1,369,706 |

| | Par | |
|-----------------|-------|-------|
| Municipal Bonds | (000) | Value |

New Jersey (continued)

Education (concluded)

| | | |
|--|----------|--------------|
| New Jersey Educational Facilities Authority, Refunding RB: College of New Jersey, Series D (AGM), | | |
| 5.00%, 7/01/35 | \$ 3,725 | \$ 3,890,688 |
| Montclair State University, Series J (NPFGC), | | |
| 4.25%, 7/01/30 | 2,895 | 2,815,214 |
| Ramapo College, Series I (AMBAC), 4.25%, 7/01/31 | 1,250 | 1,198,075 |
| Ramapo College, Series I (AMBAC), 4.25%, 7/01/36 | 3,890 | 3,632,443 |
| Rowan University, Series B (AGC), 5.00%, 7/01/26 | 2,575 | 2,779,043 |
| Stevens Institute of Technology, Series A, | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|-------|------------|
| 5.00%, 7/01/34 | 1,500 | 1,475,265 |
| William Paterson University, Series C (AGC), | | |
| 4.75%, 7/01/34 | 1,115 | 1,128,915 |
| William Paterson University, Series E (Syncora), | | |
| 5.00%, 7/01/21 | 1,725 | 1,824,653 |
| New Jersey State Higher Education Assistance Authority, | | |
| RB, Series A, AMT (AMBAC), 5.30%, 6/01/17 | 3,565 | 3,569,742 |
| University of Medicine & Dentistry of New Jersey, RB, | | |
| Series A (AMBAC): | | |
| 5.50%, 12/01/18 | 570 | 591,044 |
| 5.50%, 12/01/19 | 1,145 | 1,182,361 |
| 5.50%, 12/01/20 | 1,130 | 1,163,313 |
| 5.50%, 12/01/21 | 865 | 889,142 |
| | | 29,223,620 |

Health 10.9%

| | | |
|--|-------|------------|
| New Jersey Health Care Facilities Financing Authority, RB: | | |
| Meridian Health, Series I (AGC), 5.00%, 7/01/38 | 745 | 757,635 |
| Meridian Health, Series II (AGC), 5.00%, 7/01/38 | 2,990 | 3,040,710 |
| Meridian Health, Series V (AGC), 5.00%, 7/01/38 | 750 | 762,720 |
| South Jersey Hospital, 6.00%, 7/01/12 (c) | 4,000 | 4,422,160 |
| Virtua Health (AGC), 5.50%, 7/01/38 | 1,000 | 1,067,460 |
| New Jersey Health Care Facilities Financing Authority, | | |
| Refunding RB: | | |
| Atlantic City Medical Center, 5.75%, 7/01/12 (c) | 525 | 576,839 |
| Atlantic City Medical Center, 6.25%, 7/01/12 (c) | 290 | 321,398 |
| Atlantic City Medical System, 6.25%, 7/01/17 | 325 | 343,239 |
| Atlantic City Medical System, 5.75%, 7/01/25 | 790 | 811,591 |
| Meridian Health System Obligation Group (AGM), | | |
| 5.25%, 7/01/19 | 2,250 | 2,252,610 |
| | | 14,356,362 |

Housing 7.8%

| | | |
|---|-------|-----------|
| New Jersey State Housing & Mortgage Finance | | |
| Agency, RB: | | |
| Capital Fund Program, Series A (AGM), | | |
| 4.70%, 11/01/25 | 4,325 | 4,417,036 |
| Home Buyer, Series CC, AMT (NPFGC), | | |
| 5.80%, 10/01/20 | 2,640 | 2,761,097 |
| Series A, AMT (FGIC), 4.90%, 11/01/35 | 820 | 796,794 |
| Series AA, 6.50%, 10/01/38 | 1,075 | 1,177,437 |
| New Jersey State Housing & Mortgage Finance | | |
| Agency, Refunding RB, S/F Housing, Series T, AMT, | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|-------|------------|
| 4.70%, 10/01/37 | 500 | 477,950 |
| Newark Housing Authority, RB, South Ward Police Facility (AGC): | | |
| 5.75%, 12/01/30 | 400 | 431,732 |
| 6.75%, 12/01/38 | 250 | 285,910 |
| | | 10,347,956 |
| State 36.1% | | |
| Garden State Preservation Trust, RB (AGM): | | |
| CAB, Series B, 5.12%, 11/01/23 (b) | 6,725 | 3,903,459 |
| Election of 2005, Series A, 5.80%, 11/01/22 | 2,605 | 3,102,946 |

See Notes to Financial Statements.

26 ANNUAL REPORT

JULY 31, 2010

Schedule of Investments (continued)

BlackRock MuniYield New Jersey Insured Fund, Inc. (MJI)

(Percentages shown are based on Net Assets)

| Municipal Bonds | Par (000) | Value |
|--|--------------|--------------|
| New Jersey (continued) | | |
| State (concluded) | | |
| New Jersey EDA, RB: | | |
| CAB, Motor Vehicle Surcharge, Series R (NPFGC), 4.95%, 7/01/21 (b) | \$ 2,325 | \$ 1,361,683 |
| Cigarette Tax, 5.63%, 6/15/19 | 1,060 | 1,060,223 |
| Cigarette Tax (Radian), 5.75%, 6/15/29 | 785 | 785,746 |
| Cigarette Tax (Radian), 5.50%, 6/15/31 | 225 | 219,370 |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/25 | 1,000 | 1,085,370 |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.00%, 7/01/29 | 3,900 | 3,944,070 |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/33 | 8,500 | 8,662,180 |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.00%, 7/01/34 | 1,765 | 1,740,696 |
| School Facilities Construction, Series Z (AGC), 6.00%, 12/15/34 | 1,200 | 1,364,916 |
| School Facilities, Series U (AMBAC), 5.00%, 9/01/37 | 1,000 | 1,034,300 |
| New Jersey EDA, Refunding RB, New Jersey-American Water Co. Project, Series B, AMT, 5.60%, 11/01/34 | 1,000 | 1,028,670 |
| New Jersey EDA, Refunding RB, School Facilities Construction, Series K (NPFGC), 5.25%, 12/15/17 | 750 | 856,560 |
| New Jersey Sports & Exposition Authority, Refunding RB (NPFGC): | | |
| 5.50%, 3/01/21 | 1,540 | 1,788,849 |
| 5.50%, 3/01/22 | 1,000 | 1,157,490 |
| New Jersey Transportation Trust Fund Authority, RB, Transportation System: | | |
| CAB, Series C (AGM), 4.85%, 12/15/32 (b) | 4,750 | 1,320,452 |
| CAB, Series C (AMBAC), 5.05%, 12/15/35 (b) | 2,760 | 618,820 |
| Series A (AGC), 5.63%, 12/15/28 | 780 | 876,494 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|-------|------------|
| Series D (AGM), 5.00%, 6/15/19 | 3,000 | 3,295,110 |
| New Jersey Transportation Trust Fund Authority, Refunding RB, Transportation System: | | |
| Series A (AGM), 5.25%, 12/15/20 | 4,250 | 4,933,612 |
| Series B (NPFGC), 5.50%, 12/15/21 | 1,000 | 1,181,350 |
| State of New Jersey, COP, Equipment Lease Purchase, Series A, 5.25%, 6/15/27 | 500 | 528,285 |
| State of New Jersey, GO, Refunding, Series D (NPFGC), 6.00%, 2/15/13 | 1,725 | 1,952,803 |
| | | 47,803,454 |
| Tobacco 1.5% | | |
| Tobacco Settlement Financing Corp. New Jersey, RB, 7.00%, 6/01/13 (c) | 1,715 | 2,022,482 |
| Transportation 4.3% | | |
| New Jersey State Turnpike Authority, RB, Growth & Income Securities, Series B (AMBAC), 5.22%, 1/01/15 (a) | 3,005 | 2,452,801 |
| New Jersey State Turnpike Authority, Refunding RB, Series A (AGM), 5.25%, 1/01/29 | 2,000 | 2,286,860 |
| New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series A: (AGM), 5.50%, 12/15/22 | 150 | 176,313 |
| (AMBAC), 5.00%, 12/15/32 | 730 | 755,433 |
| | | 5,671,407 |
| Utilities 11.1% | | |
| Essex County Utilities Authority, Refunding RB (AGC), 4.13%, 4/01/22 | 1,000 | 1,041,030 |
| Jersey City Municipal Utilities Authority, Refunding RB (AMBAC), 6.25%, 1/01/14 | 3,750 | 4,063,687 |
| New Jersey EDA, RB, Series A, American Water, AMT (AMBAC), 5.25%, 11/01/32 | 1,000 | 996,010 |

| | Par | |
|--|----------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| New Jersey (concluded) | | |
| Utilities (concluded) | | |
| New Jersey EDA, Refunding RB, United Water of New Jersey Inc., Series B (AMBAC), 4.50%, 11/01/25 | \$ 1,000 | \$ 1,056,860 |
| North Hudson Sewerage Authority, Refunding RB, | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|-------|--------------------|
| Series A (NPFGC), 5.13%, 8/01/20 | 1,710 | 1,830,179 |
| Rahway Valley Sewerage Authority, RB, CAB, Series A (NPFGC) (b): | | |
| 4.74%, 9/01/26 | 4,100 | 1,771,569 |
| 4.40%, 9/01/33 | 2,350 | 639,459 |
| Union County Utilities Authority, Refunding RB, Senior Lease, Ogden Martin, Series A, AMT (AMBAC): | | |
| 5.38%, 6/01/17 | 1,590 | 1,591,495 |
| 5.38%, 6/01/18 | 1,670 | 1,671,202 |
| | | 14,661,491 |
| Total Municipal Bonds in New Jersey | | 160,460,825 |
| Guam 0.6% | | |
| Utilities 0.6% | | |
| Guam Power Authority, Refunding RB, Series A (AGM), | | |
| 5.00%, 10/01/37 | 735 | 736,110 |
| New York 6.1% | | |
| Transportation 6.1% | | |
| Port Authority of New York & New Jersey, RB, Consolidated, 93rd Series, 6.13%, 6/01/94 | 1,000 | 1,205,070 |
| Port Authority of New York & New Jersey, Refunding RB, AMT, Consolidated: | | |
| 152nd Series, 5.75%, 11/01/30 | 2,000 | 2,144,380 |
| 155th Series (AGM), 4.25%, 12/01/32 | 5,000 | 4,763,750 |
| Total Municipal Bonds in New York | | 8,113,200 |
| Pennsylvania 1.2% | | |
| Transportation 1.2% | | |
| Delaware River Port Authority, RB, Series D (AGC), | | |
| 5.00%, 1/01/40 | 1,500 | 1,541,925 |
| Puerto Rico 12.7% | | |
| County/City/Special District/School District 1.9% | | |
| Puerto Rico Sales Tax Financing Corp., Refunding RB, First Sub-Series C (AGM), 5.13%, 8/01/42 | 2,380 | 2,461,896 |
| Education 2.2% | | |
| Puerto Rico Industrial Tourist Educational Medical & Environmental Control Facilities Financing Authority, RB, University Plaza Project, Series A (NPFGC), | | |
| 5.00%, 7/01/33 | 3,000 | 2,947,650 |
| Health 3.2% | | |
| Puerto Rico Industrial Tourist Educational Medical & Environmental Control Facilities Financing Authority, RB, Hospital De La Concepcion, Series A, | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|-------|-----------|
| 6.13%, 11/15/30 | 4,220 | 4,281,190 |
| Housing 0.8% | | |
| Puerto Rico Housing Finance Authority, Refunding RB, Subordinate, Capital Fund Modernization, | | |
| 5.13%, 12/01/27 | 1,000 | 1,009,730 |

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

27

Schedule of Investments (concluded)

BlackRock MuniYield New Jersey Insured Fund, Inc. (MJJ)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|--------------|-------------|
| Municipal Bonds | | |
| Puerto Rico (concluded) | | |
| State 1.5% | | |
| Puerto Rico Commonwealth Infrastructure Financing Authority, RB, CAB, Series A (b): | | |
| (AMBAC), 4.37%, 7/01/37 | \$ 2,250 | \$ 370,148 |
| (FGIC), 4.49%, 7/01/30 | 2,750 | 764,335 |
| Puerto Rico Public Buildings Authority, Refunding RB, Government Facilities, Series M-3 (NPFGC), 6.00%, 7/01/27 | 850 | 899,291 |
| | | 2,033,774 |
| Transportation 1.0% | | |
| Puerto Rico Highway & Transportation Authority, Refunding RB, Series CC (AGC), 5.50%, 7/01/31 | | |
| | 1,185 | 1,274,100 |
| Utilities 2.1% | | |
| Puerto Rico Aqueduct & Sewer Authority, RB, Senior Lien, Series A (AGC), 5.13%, 7/01/47 | | |
| | 1,750 | 1,766,712 |
| Puerto Rico Electric Power Authority, RB, Series RR (CIFG), 5.00%, 7/01/28 | | |
| | 1,000 | 1,005,150 |
| | | 2,771,862 |
| Total Municipal Bonds in Puerto Rico | | 16,780,202 |
| Total Municipal Bonds 141.9% | | 187,632,262 |
| Municipal Bonds Transferred to Tender Option Bond Trusts (d) | | |
| New Jersey 6.1% | | |
| Housing 1.6% | | |
| New Jersey State Housing & Mortgage Finance Agency, RB, Capital Fund Program, Series A (AGM), 5.00%, 5/01/27 | | |
| | 1,980 | 2,151,508 |
| State 3.1% | | |
| Garden State Preservation Trust, RB, Election of 2005, Series A (AGM), 5.75%, 11/01/28 | | |
| | 3,300 | 4,052,532 |
| Transportation 1.4% | | |
| Port Authority of New York & New Jersey, Refunding RB, | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|---------------|---------------|
| Consolidated, 152nd Series, AMT, 5.25%, 11/01/35 | 1,829 | 1,886,794 |
| Total Municipal Bonds Transferred to | | |
| Tender Option Bond Trusts 6.1% | | 8,090,834 |
| Total Long-Term Investments | | |
| (Cost \$190,142,988) 148.0% | | 195,723,096 |
| Short-Term Securities | Shares | |
| BIF New Jersey Municipal Money Fund, 0.04% (e)(f) | 4,549,254 | 4,549,254 |
| Total Short-Term Securities | | |
| (Cost \$4,549,254) 3.4% | | 4,549,254 |
| Total Investments (Cost \$194,692,242*) 151.4% | | 200,272,350 |
| Other Assets Less Liabilities 0.9% | | 1,177,741 |
| Liability for Trust Certificates, Including Interest | | |
| Expense and Fees Payable (3.5%) | | (4,687,841) |
| Preferred Shares, at Redemption Value (48.8%) | | (64,481,025) |
| Net Assets Applicable to Common Shares 100.0% | | \$132,281,225 |

* The cost and unrealized appreciation (depreciation) of investments as of July 31, 2010, as computed for federal income tax purposes, were as follows:

| | |
|-------------------------------|---------------|
| Aggregate cost | \$189,792,587 |
| Gross unrealized appreciation | \$ 8,283,404 |
| Gross unrealized depreciation | (2,488,010) |
| Net unrealized appreciation | \$ 5,795,394 |

(a) Represents a step-up bond that pays an initial coupon rate for the first period and then a higher coupon rate for the following periods. Rate shown reflects the current yield as of report date.

(b) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.

(c) US government securities, held in escrow, are used to pay interest on this security as well as to retire the bond in full at the date indicated, typically at a premium to par.

(d) Securities represent bonds transferred to a tender option bond trust in exchange for which the Fund acquired residual interest certificates. These securities serve as collateral in a financing transaction. See Note 1 of the Notes to Financial Statements for details of municipal bonds transferred to tender option bond trusts.

(e) Investments in companies considered to be an affiliate of the Fund during the year, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, are as follows:

| | Shares Held | Net | Shares Held | |
|------------------|--------------------|-----------------|--------------------|---------------|
| | at July 31, | Activity | at July 31, | Income |
| Affiliate | 2009 | | 2010 | |
| BIF New Jersey | | | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

Municipal

| | | | | |
|------------|-----------|-----------|-----------|----------|
| Money Fund | 1,325,347 | 3,223,907 | 4,549,254 | \$ 1,052 |
|------------|-----------|-----------|-----------|----------|

(f) Represents the current yield as of report date.

For Fund compliance purposes, the Fund's sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by Fund management. This definition may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Fair Value Measurements Various inputs are used in determining the fair value of investments, which are as follows:

Level 1 price quotations in active markets/exchanges for identical assets and liabilities

Level 2 other observable inputs (including, but not limited to: quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Fund's own assumptions used in determining the fair value of investments)

The inputs or methodologies used for valuing securities are not necessarily an indication of the risk associated with investing in those securities. For information about the Fund's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following table summarizes the inputs used as of July 31, 2010 in determining the fair valuation of the Fund's investments:

| Valuation Inputs | Level 1 | Level 2 | Level 3 | Total |
|--------------------------|--------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments in | | | | |
| Securities: | | | | |
| Long-Term | | | | |
| Investments ¹ | | \$ 195,723,096 | | \$ 195,723,096 |
| Short-Term | | | | |
| Securities | \$ 4,549,254 | | | 4,549,254 |
| Total | \$ 4,549,254 | \$ 195,723,096 | | \$ 200,272,350 |

¹ See above Schedule of Investments for values in each sector.

See Notes to Financial Statements.

28 ANNUAL REPORT

JULY 31, 2010

Schedule of Investments July 31, 2010

BlackRock MuniYield Pennsylvania Insured Fund (MPA)

(Percentages shown are based on Net Assets)

| Municipal Bonds | Par (000) | Value |
|--|--------------|--------------|
| Pennsylvania 108.3% | | |
| Corporate 5.5% | | |
| Delaware County IDA Pennsylvania, Refunding RB, Water Facilities, Aqua Pennsylvania Inc. Project, Series B, AMT (NPFGC), 5.00%, 11/01/36 | \$ 2,520 | \$ 2,527,888 |
| Northumberland County IDA, Refunding RB, Aqua Pennsylvania Inc. Project, AMT (NPFGC), 5.05%, 10/01/39 | 6,000 | 6,001,800 |
| Pennsylvania Economic Development Financing Authority, RB, Waste Management Inc. Project, Series A, AMT, 5.10%, 10/01/27 | 1,200 | 1,193,808 |
| | | 9,723,496 |
| County/City/Special District/School District 41.3% | | |
| Chambersburg Area School District, GO (NPFGC): 5.25%, 3/01/26 | 2,115 | 2,216,668 |
| 5.25%, 3/01/27 | 2,500 | 2,608,525 |
| City of Philadelphia Pennsylvania, GO, Refunding, Series A (AGM), 5.25%, 12/15/32 | 7,000 | 7,209,860 |
| Connellsville Area School District, GO, Series B (AGM), 5.00%, 11/15/37 | 1,000 | 1,015,680 |
| Delaware Valley Regional Financial Authority, RB, Series A (AMBAC), 5.50%, 8/01/28 | 2,230 | 2,383,290 |
| East Stroudsburg Area School District, GO, Series A (NPFGC), 7.75%, 9/01/27 | 2,000 | 2,438,020 |
| Erie County Conventional Center Authority, RB (NPFGC), 5.00%, 1/15/36 | 8,850 | 9,001,777 |
| Marple Newtown School District, GO (AGM), 5.00%, 6/01/31 | 3,500 | 3,707,375 |
| North Allegheny School District, GO, Series C (AGM), 5.25%, 5/01/27 | 2,175 | 2,282,641 |
| Northeastern School District York County, GO, Series B (NPFGC), 5.00%, 4/01/32 | 1,585 | 1,640,285 |
| Philadelphia Redevelopment Authority, RB (NPFGC): | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|-------|------------|
| Neighborhood Transformation, Series A, 5.50%, 4/15/22 | 1,750 | 1,808,888 |
| Quality Redevelopment Neighborhood, Series B, AMT, 5.00%, 4/15/27 | 4,645 | 4,536,679 |
| Philadelphia School District, GO, Refunding, Series A (BHAC), 5.00%, 6/01/34 | 1,000 | 1,056,860 |
| Philadelphia School District, GO: Series B (FGIC), 5.63%, 8/01/12 (a) | 7,500 | 8,285,100 |
| Series E, 6.00%, 9/01/38 | 4,800 | 5,195,376 |
| Reading School District, GO (AGM), 5.00%, 1/15/29 | 6,000 | 6,279,540 |
| Scranton School District Pennsylvania, GO, Series A (AGM), 5.00%, 7/15/38 | 3,500 | 3,603,075 |
| Shaler Area School District Pennsylvania, GO, CAB (Syncora), 4.83%, 9/01/30 (b) | 6,145 | 2,175,944 |
| Township of North Londonderry Pennsylvania, GO (AGM), 4.75%, 9/01/40 | 4,360 | 4,408,919 |
| York City School District, GO, Series A (Syncora), 5.25%, 6/01/22 | 1,040 | 1,116,471 |
| | | 72,970,973 |

Education 6.5%

| | | |
|---|-------|------------|
| Adams County IDA, Refunding RB, Gettysburg College, 5.00%, 8/15/26 | 100 | 106,329 |
| Pennsylvania Higher Educational Facilities Authority, RB (NPFGC): Drexel University, Series A, 5.00%, 5/01/37 | 2,250 | 2,310,390 |
| Series AE, 4.75%, 6/15/32 | 8,845 | 8,985,016 |
| | | 11,401,735 |

| Municipal Bonds | Par (000) | Value |
|---------------------------------|----------------------|--------------|
| Pennsylvania (continued) | | |

Health 15.2%

| | | |
|---|----------|--------------|
| Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 | \$ 2,000 | \$ 2,311,040 |
| County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 | 7,995 | 8,093,738 |
| Cumberland County Municipal Authority, RB, Diakon Lutheran, 6.38%, 1/01/39 | 500 | 513,220 |
| Lycoming County Authority, Refunding RB, Susquehanna | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|-------|------------|
| Health System Project, Series A, 5.75%, 7/01/39 | 1,160 | 1,181,808 |
| Monroe County Hospital Authority Pennsylvania, Refunding RB, Hospital, Pocono Medical Center, 5.13%, 1/01/37 | 1,265 | 1,240,712 |
| Montgomery County Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33 | 1,760 | 1,762,975 |
| Montgomery County IDA Pennsylvania, RB: Acts Retirement Life Community, Series A, 4.50%, 11/15/36 | 400 | 323,356 |
| Acts Retirement Life Community, Series A-1, 6.25%, 11/15/29 | 235 | 248,014 |
| New Regional Medical Center Project (FHA), 5.38%, 8/01/38 | 1,600 | 1,654,416 |
| Pennsylvania Higher Educational Facilities Authority, RB, UPMC Health System, Series A, 6.00%, 1/15/11 (a) Philadelphia Hospitals & Higher Education Facilities Authority, Refunding RB, Presbyterian Medical Center, 6.65%, 12/01/19 (c) | 3,000 | 3,108,870 |
| Sayre Health Care Facilities Authority, Refunding RB, Guthrie Health, Series A, 5.88%, 12/01/31 | 590 | 599,641 |
| South Fork Municipal Authority, Refunding RB, Conemaugh Valley Memorial, Series B (AGC), 5.38%, 7/01/35 | 2,000 | 2,040,760 |
| | | 26,789,130 |
| Housing 4.6% | | |
| Pennsylvania HFA, RB, S/F, Series 72A, AMT (NPFGC), 5.25%, 4/01/21 | 4,090 | 4,094,867 |
| Pennsylvania HFA, Refunding RB, Series 99A, AMT, 5.15%, 4/01/38 | 800 | 827,600 |
| Philadelphia New Public Housing Authority, RB, Series A (AGM), 5.50%, 12/01/18 | 3,000 | 3,186,870 |
| | | 8,109,337 |
| State 5.2% | | |
| Pennsylvania Turnpike Commission, RB, Series C of 2003 Pennsylvania Turnpike (NPFGC), 5.00%, 12/01/32 | 3,600 | 3,751,704 |
| State Public School Building Authority, RB, CAB, Corry Area School District (AGM) (b): 4.85%, 12/15/22 | 1,640 | 1,002,286 |
| 4.87%, 12/15/23 | 1,980 | 1,143,212 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|-------|-----------|
| 4.89%, 12/15/24 | 1,980 | 1,070,824 |
| 4.92%, 12/15/25 | 1,770 | 901,319 |
| State Public School Building Authority, Refunding RB, Harrisburg School District Project, Series A (AGC), | | |
| 5.00%, 11/15/33 | 1,200 | 1,251,948 |
| | | 9,121,293 |
| Transportation 12.4% | | |
| Delaware River Port Authority, RB, Series D (AGC), | | |
| 5.00%, 1/01/40 | 1,560 | 1,603,602 |
| Pennsylvania Turnpike Commission, RB: | | |
| Series A (AMBAC), 5.50%, 12/01/31 | 7,800 | 8,275,722 |
| Series A (AMBAC), 5.25%, 12/01/32 | 350 | 356,212 |
| Sub-Series B (AGM), 5.25%, 6/01/39 | 3,500 | 3,676,400 |

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

29

Schedule of Investments (continued)

BlackRock MuniYield Pennsylvania Insured Fund (MPA)

(Percentages shown are based on Net Assets)

| Municipal Bonds | Par (000) | Value |
|--|--------------|--------------------|
| Pennsylvania (concluded) | | |
| Transportation (concluded) | | |
| Philadelphia Authority for Industrial Development, Refunding RB, Philadelphia Airport System Project, Series A, AMT (NPFGC): | | |
| 5.50%, 7/01/17 | \$ 4,000 | \$ 4,142,200 |
| 5.50%, 7/01/18 | 3,655 | 3,796,851 |
| | | 21,850,987 |
| Utilities 17.6% | | |
| Allegheny County Sanitation Authority, Refunding RB, Series A (NPFGC), 5.00%, 12/01/30 | | |
| | 5,000 | 5,060,350 |
| City of Philadelphia Pennsylvania, RB: 1998 General Ordinance, 4th Series (AGM), 5.00%, 8/01/32 | | |
| | 4,500 | 4,504,950 |
| Series A, 5.25%, 1/01/36 | 700 | 729,456 |
| Series C (AGM), 5.00%, 8/01/40 (d) | 3,000 | 3,056,760 |
| Delaware County IDA Pennsylvania, RB, Pennsylvania Suburban Water Co. Project, Series A, AMT (AMBAC), 5.15%, 9/01/32 | | |
| | 5,500 | 5,549,665 |
| Northampton Boro Municipal Authority, RB (NPFGC), 5.00%, 5/15/34 | | |
| | 935 | 953,354 |
| Pennsylvania Economic Development Financing Authority, RB, Philadelphia Biosolids Facility, 6.25%, 1/01/32 | | |
| | 900 | 949,059 |
| Pennsylvania IDA, Refunding RB, Economic Development (AMBAC), 5.50%, 7/01/20 | | |
| | 7,000 | 7,375,200 |
| Reading Area Water Authority Pennsylvania, RB (AGM), 5.00%, 12/01/27 | | |
| | 2,680 | 2,840,425 |
| | | 31,019,219 |
| Total Municipal Bonds in Pennsylvania | | 190,986,170 |
| Guam 1.9% | | |
| Transportation 1.4% | | |
| Guam International Airport Authority, Refunding RB, | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|--|--------------|--------------|
| General, Series C, AMT (NPFGC), 5.00%, 10/01/23 | 2,500 | 2,508,175 |
| Utilities 0.5% | | |
| Guam Power Authority, Refunding RB, Series A (AGM), 5.00%, 10/01/37 | 850 | 851,283 |
| Total Municipal Bonds in Guam | | 3,359,458 |
| Puerto Rico 0.7% | | |
| State 0.7% | | |
| Commonwealth of Puerto Rico, GO, Refunding, Public Improvement, Series A-4 (AGM), 5.25%, 7/01/30 | 1,270 | 1,306,932 |
| Total Municipal Bonds 110.9% | | 195,652,560 |
| Municipal Bonds Transferred to Tender Option Bond Trusts (e) | | |
| Pennsylvania 44.5% | | |
| County/City/Special District/School District 4.3% | | |
| East Stroudsburg Area School District, GO, Refunding (AGM), 5.00%, 9/01/25 | 7,000 | 7,576,100 |
| Education 1.4% | | |
| University of Pittsburgh Pennsylvania, RB, Capital Project, Series B, 5.00%, 9/15/28 | 2,202 | 2,409,907 |
| Municipal Bonds Transferred to Tender Option Bond Trusts (e) | Par | Value |
| | (000) | |
| Pennsylvania (concluded) | | |
| Health 3.2% | | |
| Geisinger Authority, RB, Series A: 5.13%, 6/01/34 | \$ 2,500 | \$ 2,585,075 |
| 5.25%, 6/01/39 | 3,000 | 3,109,200 |
| | | 5,694,275 |
| Housing 1.6% | | |
| Pennsylvania HFA, Refunding RB, Series 96-A, AMT, 4.70%, 10/01/37 | 3,000 | 2,846,370 |
| State 29.8% | | |
| Commonwealth of Pennsylvania, GO, First Series, 5.00%, 3/15/28 | 5,203 | 5,698,864 |
| Pennsylvania Turnpike Commission, RB, Series C of 2003 Pennsylvania Turnpike (NPFGC), 5.00%, 12/01/32 | 10,000 | 10,421,400 |
| State Public School Building Authority, LRB, Philadelphia School District Project (AGM), 5.25%, 6/01/13 (a) | 15,000 | 16,952,100 |
| State Public School Building Authority, Refunding RB, School District of Philadelphia Project, Series B | | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|---|---------------|---------------|
| (AGM), 5.00%, 6/01/26 | 19,025 | 19,638,713 |
| | | 52,711,077 |
| Transportation 4.2% | | |
| City of Philadelphia Pennsylvania, RB, Series A, AMT | | |
| (AGM), 5.00%, 6/15/37 | 7,500 | 7,347,525 |
| Total Municipal Bonds Transferred to | | |
| Tender Option Bond Trusts 44.5% | | 78,585,254 |
| Total Long-Term Investments | | |
| (Cost \$266,139,666) 155.4% | | 274,237,814 |
| Short-Term Securities | Shares | |
| BIF Pennsylvania Municipal Money Fund, | | |
| 0.00% (f)(g) | 8,508,134 | 8,508,134 |
| Total Short-Term Securities | | |
| (Cost \$8,508,134) 4.8% | | 8,508,134 |
| Total Investments (Cost \$274,647,800*) 160.2% | | 282,745,948 |
| Liabilities in Excess of Other Assets (0.8)% | | (1,390,323) |
| Liability for Trust Certificates, Including Interest | | |
| Expense and Fees Payable (21.8)% | | (38,470,389) |
| Preferred Shares, at Redemption Value (37.6)% | | (66,354,816) |
| Net Assets Applicable to Common Shares 100.0% | | \$176,530,420 |

* The cost and unrealized appreciation (depreciation) of investments as of July 31, 2010, as computed for federal income tax purposes, were as follows:

| | |
|-------------------------------|---------------|
| Aggregate cost | \$236,188,253 |
| Gross unrealized appreciation | \$ 9,004,281 |
| Gross unrealized depreciation | (891,722) |
| Net unrealized appreciation | \$ 8,112,559 |

(a) US government securities, held in escrow, are used to pay interest on this security as well as to retire the bond in full at the date indicated, typically at a premium to par.

(b) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.

(c) Security is collateralized by Municipal or US Treasury obligations.

(d) When-issued security. Unsettled when-issued transactions were as follows:

| Counterparty | Value | Unrealized Appreciation |
|--------------------------------|-------------|----------------------------|
| Citigroup Global Markets, Inc. | \$3,056,760 | \$ 2,460 |

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock MuniYield Pennsylvania Insured Fund (MPA)

(e) Securities represent bonds transferred to a tender option bond trust in exchange for which the Fund acquired residual interest certificates. These securities serve as collateral in a financing transaction. See Note 1 of the Notes to Financial Statements for details of municipal bonds transferred to tender option bond trusts.

(f) Investments in companies considered to be an affiliate of the Fund during the year, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, are as follows:

| Affiliate | Shares Held at July 31, 2009 | Net Activity | Shares Held at July 31, 2010 | Income |
|---|------------------------------------|-----------------|------------------------------------|--------|
| BIF Pennsylvania Municipal Money Fund | 1,555,231 | 6,952,903 | 8,508,134 | \$ 121 |

(g) Represents the current yield as of report date.

For Fund compliance purposes, the Fund's sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by Fund management. This definition may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Fair Value Measurements Various inputs are used in determining the fair value of investments, which are as follows:

Level 1 price quotations in active markets/exchanges for identical assets and liabilities

Level 2 other observable inputs (including, but not limited to: quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Fund's own assumptions used in determining the fair value of investments)

The inputs or methodologies used for valuing securities are not necessarily an indication of the risk associated with investing in those securities. For information about the Fund's policy regarding valuation of investments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following table summarizes the inputs used as of July 31, 2010 in determining the fair valuation of the Fund's investments:

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| Valuation Inputs | Level 1 | Level 2 | Level 3 | Total |
|--------------------------|--------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments in | | | | |
| Securities: | | | | |
| Long-Term | | | | |
| Investments ¹ | | \$ 274,237,814 | | \$ 274,237,814 |
| Short-Term | | | | |
| Securities | \$ 8,508,134 | | | 8,508,134 |
| Total | \$ 8,508,134 | \$ 274,237,814 | | \$ 282,745,948 |

¹ See above Schedule of Investments for values in each sector.

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

31

Statements of Assets and Liabilities

| | BlackRock MuniHoldings California Insured Fund, Inc. (MUC) | BlackRock MuniHoldings New Jersey Insured Fund, Inc. (MUJ) | BlackRock MuniYield Insured Investment Fund (MFT) | BlackRock MuniYield Michigan Insured Fund, Inc. (MIY) | BlackRock MuniYield New Jersey Insured Fund, Inc. (MJJ) | BlackRock MuniYield Pennsylvania Insured Fund (MPA) |
|--|---|---|--|--|--|--|
| July 31, 2010 | | | | | | |
| Assets | | | | | | |
| Investments at value unaffiliated ¹ | \$ 959,525,703 | \$ 500,511,228 | \$ 180,248,965 | \$ 427,372,428 | \$ 195,723,096 | \$ 274,237,814 |
| Investments at value affiliated ² | 71,270,966 | 1,117,529 | 8,124,572 | 1,734,583 | 4,549,254 | 8,508,134 |
| Cash pledged as collateral for financial futures contracts | 84,400 | | | | | |
| Interest receivable | 11,854,718 | 4,810,156 | 2,164,938 | 4,974,990 | 1,677,006 | 2,657,166 |
| Investments sold receivable | 498,958 | 4,096,545 | 267,246 | | 266,387 | |
| Income receivable affiliated | 348 | | | | | |
| Prepaid expenses | 37,921 | 18,005 | 9,979 | 20,375 | 8,100 | 13,031 |
| Other assets | 95,237 | | | | | |
| Total assets | 1,043,368,251 | 510,553,463 | 190,815,700 | 434,102,376 | 202,223,843 | 285,416,145 |
| Accrued Liabilities | | | | | | |
| Investments purchased payable | 9,095,380 | | | | | 3,054,300 |
| Income dividends payable Common Shares | 2,881,649 | 1,550,915 | 600,466 | 1,365,473 | 634,854 | 826,601 |
| Investment advisory fees payable | 388,088 | 233,856 | 82,755 | 188,581 | 86,940 | 119,636 |
| Interest expense and fees payable | 112,647 | 9,864 | 12,800 | 8,810 | 3,472 | 25,253 |
| Officers and Directors fees payable | 97,583 | 712 | 261 | 451 | 209 | 386 |
| Margin variation payable | 35,938 | | | | | |
| Other affiliates payable | 5,983 | 3,189 | 1,177 | 2,713 | 1,234 | 1,732 |
| Other accrued expenses payable | 147,639 | 101,137 | 47,147 | 73,592 | 50,515 | 57,865 |
| Total accrued liabilities | 12,764,907 | 1,899,673 | 744,606 | 1,639,620 | 777,224 | 4,085,773 |
| Other Liabilities | | | | | | |
| Trust certificates ³ | 181,854,633 | 13,262,930 | 16,200,287 | 16,190,000 | 4,684,369 | 38,445,136 |
| Total Liabilities | 194,619,540 | 15,162,603 | 16,944,893 | 17,829,620 | 5,461,593 | 42,530,909 |
| Preferred Shares at Redemption Value | | | | | | |
| \$25,000 per share liquidation preference, plus | | | | | | |
| unpaid dividends ^{4,5} | 254,015,094 | 172,709,943 | 56,529,959 | 144,663,323 | 64,481,025 | 66,354,816 |
| Net Assets Applicable to Common Shareholders | \$ 594,733,617 | \$ 322,680,917 | \$ 117,340,848 | \$ 271,609,433 | \$ 132,281,225 | \$ 176,530,420 |
| Net Assets Applicable to Common Shareholders Consist of | | | | | | |
| Paid-in capital ^{6,7} | \$ 585,680,722 | \$ 298,669,716 | \$ 117,901,782 | \$ 263,576,016 | \$ 124,296,855 | \$ 170,006,768 |
| Undistributed net investment income | 9,839,827 | 6,646,637 | 1,855,567 | 4,676,060 | 3,198,975 | 2,904,565 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | | | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Accumulated net realized loss | (14,564,343) | (1,393,017) | (10,103,688) | (8,919,548) | (794,713) | (4,479,061) |
| Net unrealized appreciation/depreciation | 13,777,411 | 18,757,581 | 7,687,187 | 12,276,905 | 5,580,108 | 8,098,148 |
| Net Assets Applicable to Common Shareholders | \$ 594,733,617 | \$ 322,680,917 | \$ 117,340,848 | \$ 271,609,433 | \$ 132,281,225 | \$ 176,530,420 |
| Net asset value per Common Share | \$ 14.55 | \$ 15.19 | \$ 13.87 | \$ 14.92 | \$ 15.00 | \$ 15.38 |
| ¹ Investments at cost unaffiliated | \$ 945,641,151 | \$ 481,753,647 | \$ 172,561,778 | \$ 415,095,523 | \$ 190,142,988 | \$ 266,139,666 |
| ² Investments at cost affiliated | \$ 71,270,966 | \$ 1,117,529 | \$ 8,124,572 | \$ 1,734,583 | \$ 4,549,254 | \$ 8,508,134 |
| ³ Represents short-term floating rate certificates issued by tender option bond trusts. | | | | | | |
| ⁴ Preferred Shares outstanding: | | | | | | |
| Par value \$0.05 per share | | | 2,261 | 4,909 | 1,965 | 2,654 |
| Par value \$0.10 per share | 10,160 | 6,908 | | 877 | 614 | |
| ⁵ Preferred Shares authorized | 15,600 | 8,120 | 1 million | 6,600 | 2,940 | 1 million |
| ⁶ Common Shares outstanding, \$0.10 par value | 40,874,458 | 21,245,413 | 8,457,270 | 18,206,301 | 8,817,415 | 11,480,567 |
| ⁷ Common Shares authorized | 200 million | 200 million | unlimited | 200 million | 200 million | unlimited |

See Notes to Financial Statements.

32 ANNUAL REPORT

JULY 31, 2010

Statements of Operations

| | BlackRock MuniHoldings California Insured Fund, Inc. (MUC) | BlackRock MuniHoldings New Jersey Insured Fund, Inc. (MUJ) | BlackRock MuniYield Insured Investment Fund (MFT) | BlackRock MuniYield Michigan Insured Fund, Inc. (MIY) | BlackRock MuniYield New Jersey Insured Fund, Inc. (MJI) | BlackRock MuniYield Pennsylvania Insured Fund (MPA) |
|--|---|---|--|--|--|--|
| Year Ended July 31, 2010 | | | | | | |
| Investment Income | | | | | | |
| Interest | \$ 44,184,163 | \$ 24,671,844 | \$ 9,137,306 | \$ 20,690,920 | \$ 9,944,227 | \$ 12,578,588 |
| Income affiliated | 12,972 | 1,783 | 12,732 | 958 | 1,052 | 121 |
| Total income | 44,197,135 | 24,673,627 | 9,150,038 | 20,691,878 | 9,945,279 | 12,578,709 |
| Expenses | | | | | | |
| Investment advisory | 5,172,204 | 2,761,404 | 929,147 | 2,130,026 | 991,207 | 1,339,437 |
| Commissions for Preferred Shares | 378,896 | 256,900 | 84,970 | 207,088 | 97,263 | 97,887 |
| Accounting services | 283,002 | 123,245 | 53,001 | 112,608 | 49,491 | 63,339 |
| Officer and Directors | 79,059 | 35,291 | 12,802 | 29,495 | 14,385 | 19,204 |
| Professional | 76,226 | 58,278 | 49,306 | 57,220 | 48,121 | 48,790 |
| Printing | 69,958 | 38,724 | 13,421 | 31,826 | 19,422 | 18,726 |
| Transfer agent | 68,848 | 60,236 | 35,616 | 54,479 | 36,182 | 47,511 |
| Custodian | 40,615 | 26,287 | 11,682 | 21,261 | 11,830 | 15,821 |
| Registration | 14,186 | 9,330 | 9,330 | 9,330 | 9,330 | 9,330 |
| Miscellaneous | 124,609 | 105,942 | 54,791 | 83,618 | 54,788 | 65,958 |
| Total expenses excluding interest expense and fees | 6,307,603 | 3,475,637 | 1,254,066 | 2,736,951 | 1,332,019 | 1,726,003 |
| Interest expense and fees ¹ | 808,941 | 95,603 | 113,817 | 112,923 | 33,585 | 248,191 |
| Total expenses | 7,116,544 | 3,571,240 | 1,367,883 | 2,849,874 | 1,365,604 | 1,974,194 |
| Less fees waived by advisor | (639,431) | (136,489) | (5,019) | (14,254) | (8,683) | (3,500) |
| Total expenses after fees waived | 6,477,113 | 3,434,751 | 1,362,864 | 2,835,620 | 1,356,921 | 1,970,694 |
| Net investment income | 37,720,022 | 21,238,876 | 7,787,174 | 17,856,258 | 8,588,358 | 10,608,015 |
| Realized and Unrealized Gain (Loss) | | | | | | |
| Net realized gain (loss) from: | | | | | | |
| Investments | 132,011 | 217,182 | (266,835) | 1,576,686 | 467,325 | 942,768 |
| Financial futures contracts | (119,579) | (101,608) | 13,691 | (90,808) | (45,600) | (12,389) |
| | 12,432 | 115,574 | (253,144) | 1,485,878 | 421,725 | 930,379 |
| Net change in unrealized appreciation/depreciation on: | | | | | | |
| Investments | 50,453,975 | 14,444,238 | 8,538,990 | 15,566,856 | 8,014,923 | 10,792,131 |
| Financial futures contracts | (107,141) | | | | | |
| | 50,346,834 | 14,444,238 | 8,538,990 | 15,566,856 | 8,014,923 | 10,792,131 |
| Total realized and unrealized gain | 50,359,266 | 14,559,812 | 8,285,846 | 17,052,734 | 8,436,648 | 11,722,510 |

Dividends and Distributions to Preferred Shareholders From

| | | | | | | |
|---|-------------|-----------|-----------|-----------|-----------|-----------|
| Net investment income | (1,056,149) | (701,553) | (335,411) | (835,377) | (375,004) | (373,148) |
| Net realized gain | | (30,004) | | | (93,892) | |
| Total dividends and distributions to Preferred Shareholders | (1,056,149) | (731,557) | (335,411) | (835,377) | (468,896) | (373,148) |

Net Increase in Net Assets Applicable to Common Shareholders Resulting from Operations

| | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|
| \$ 87,023,139 | \$ 35,067,131 | \$ 15,737,609 | \$ 34,073,615 | \$ 16,556,110 | \$ 21,957,377 |
|---------------|---------------|---------------|---------------|---------------|---------------|

¹ Related to tender option bond trusts.

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

33

Statements of Changes in Net Assets

BlackRock MuniHoldings California Insured Fund,
Inc. (MUC)

| | Period | | |
|---|--------------------------------|-------------------------------------|--------------------------------|
| | Year Ended July 31, 2010 | July 1, 2009 to July 31, 2009 | Year Ended June 30, 2009 |
| Increase (Decrease) in Net Assets Applicable to Common Shareholders: | | | |
| Operations | | | |
| Net investment income | \$ 37,720,022 | \$ 3,111,119 | \$ 36,958,531 |
| Net realized gain (loss) | 12,432 | 333,937 | (7,708,517) |
| Net change in unrealized appreciation/depreciation | 50,346,834 | 6,127,212 | (29,358,960) |
| Dividends to Preferred Shareholders from net investment income | (1,056,149) | (108,541) | (5,987,846) |
| Net increase (decrease) in net assets applicable to Common Shareholders resulting from operations | 87,023,139 | 9,463,727 | (6,096,792) |
| Dividends to Common Shareholders From | | | |
| Net investment income | (32,433,883) | (2,575,091) | (26,404,900) |
| Net Assets Applicable to Common Shareholders | | | |
| Total increase (decrease) in net assets applicable to Common Shareholders | 54,589,256 | 6,888,636 | (32,501,692) |
| Beginning of period | 540,144,361 | 533,255,725 | 565,757,417 |
| End of period | \$594,733,617 | \$540,144,361 | \$533,255,725 |
| Undistributed net investment income | \$ 9,839,827 | \$ 5,609,840 | \$ 5,182,353 |

BlackRock MuniHoldings New Jersey Insured
Fund, Inc. (MUJ)

| | Year Ended July 31, | |
|--|---------------------|---------------|
| | 2010 | 2009 |
| Increase (Decrease) in Net Assets Applicable to Common Shareholders: | | |
| Operations | | |
| Net investment income | \$ 21,238,876 | \$ 20,763,269 |
| Net realized gain | 115,574 | 1,281,894 |
| Net change in unrealized appreciation/depreciation | 14,444,238 | (3,750,895) |
| Dividends and distributions to Preferred Shareholders from: | | |
| Net investment income | (701,553) | (3,341,606) |
| Net realized gain | (30,004) | |
| Net increase in net assets applicable to Common Shareholders resulting from operations | 35,067,131 | 14,952,662 |
| Dividends and Distributions to Common Shareholders From | | |
| Net investment income | (17,941,752) | (14,043,218) |
| Net realized gain | (300,750) | |
| Decrease in net assets resulting from dividends and distributions to Common Shareholders | (18,242,502) | (14,043,218) |
| Net Assets Applicable to Common Shareholders | | |
| Total increase in net assets applicable to Common Shareholders | 16,824,629 | 909,444 |
| Beginning of year | 305,856,288 | 304,946,844 |
| End of year | \$322,680,917 | \$305,856,288 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

Undistributed net investment income

\$ 6,646,637 \$ 4,051,114

See Notes to Financial Statements.

34 ANNUAL REPORT

JULY 31, 2010

Statements of Changes in Net Assets

BlackRock MuniYield Insured Investment Fund (MFT)

| Increase (Decrease) in Net Assets Applicable to Common Shareholders: | Year Ended July 31, | |
|--|---------------------|---------------|
| | 2010 | 2009 |
| Operations | | |
| Net investment income | \$ 7,787,174 | \$ 7,920,874 |
| Net realized loss | (253,144) | (6,860,292) |
| Net change in unrealized appreciation/depreciation | 8,538,990 | 919,422 |
| Dividends to Preferred Shareholders from net investment income | (335,411) | (1,287,734) |
| Net increase in net assets applicable to Common Shareholders resulting from operations | 15,737,609 | 692,270 |
| Dividends to Common Shareholders From | | |
| Net investment income | (6,905,867) | (5,707,468) |
| Capital Share Transactions | | |
| Reinvestment of dividends | 75,047 | |
| Net Assets Applicable to Common Shareholders | | |
| Total increase (decrease) in net assets applicable to Common Shareholders | 8,906,789 | (5,015,198) |
| Beginning of year | 108,434,059 | 113,449,257 |
| End of year | \$117,340,848 | \$108,434,059 |
| Undistributed net investment income | \$ 1,855,567 | \$ 1,298,200 |

BlackRock MuniYield Michigan Insured Fund, Inc.
(MIY)

| Increase (Decrease) in Net Assets Applicable to Common Shareholders: | Year Ended July 31, | |
|--|---------------------|---------------|
| | 2010 | 2009 |
| Operations | | |
| Net investment income | \$ 17,856,258 | \$ 18,189,609 |
| Net realized gain (loss) | 1,485,878 | (964,623) |
| Net change in unrealized appreciation/depreciation | 15,566,856 | (6,206,801) |
| Dividends to Preferred Shareholders from net investment income | (835,377) | (2,941,361) |
| Net increase in net assets applicable to Common Shareholders resulting from operations | 34,073,615 | 8,076,824 |
| Dividends to Common Shareholders From | | |
| Net investment income | (16,094,370) | (12,252,841) |
| Net Assets Applicable to Common Shareholders | | |
| Total increase (decrease) in net assets applicable to Common Shareholders | 17,979,245 | (4,176,017) |
| Beginning of year | 253,630,188 | 257,806,205 |
| End of year | \$271,609,433 | \$253,630,188 |
| Undistributed net investment income | \$ 4,676,060 | \$ 3,834,385 |

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

35

BlackRock MuniYield New Jersey Insured Fund, Inc.
(MJI)

Statements of Changes in Net Assets

| | Year Ended July 31, | |
|--|----------------------------|---------------|
| Increase (Decrease) in Net Assets Applicable to Common Shareholders: | 2010 | 2009 |
| Operations | | |
| Net investment income | \$ 8,588,358 | \$ 8,438,803 |
| Net realized gain | 421,725 | 369,858 |
| Net change in unrealized appreciation/depreciation | 8,014,923 | (2,778,653) |
| Dividends and distributions to Preferred Shareholders from: | | |
| Net investment income | (375,004) | (1,331,483) |
| Net realized gain | (93,892) | (95,182) |
| Net increase in net assets applicable to Common Shareholders resulting from operations | 16,556,110 | 4,603,343 |
| Dividends and Distributions to Common Shareholders From | | |
| Net investment income | (7,425,642) | (5,879,803) |
| Net realized gain | (883,128) | (150,243) |
| Decrease in net assets resulting from dividends and distributions to Common Shareholders | (8,308,770) | (6,030,046) |
| Capital Share Transactions | | |
| Reinvestment of dividends and distributions | 227,441 | |
| Net Assets Applicable to Common Shareholders | | |
| Total increase (decrease) in net assets applicable to Common Shareholders | 8,474,781 | (1,426,703) |
| Beginning of year | 123,806,444 | 125,233,147 |
| End of year | \$132,281,225 | \$123,806,444 |
| Undistributed net investment income | \$ 3,198,975 | \$ 2,480,404 |

BlackRock MuniYield Pennsylvania Insured Fund
(MPA)

| | Year Ended July 31, | |
|--|----------------------------|---------------|
| Increase (Decrease) in Net Assets Applicable to Common Shareholders: | 2010 | 2009 |
| Operations | | |
| Net investment income | \$ 10,608,015 | \$ 10,633,795 |
| Net realized gain (loss) | 930,379 | (4,324,778) |
| Net change in unrealized appreciation/depreciation | 10,792,131 | 2,634,266 |
| Dividends to Preferred Shareholders from net investment income | (373,148) | (1,555,575) |
| Net increase in net assets applicable to Common Shareholders resulting from operations | 21,957,377 | 7,387,708 |
| Dividends to Common Shareholders From | | |
| Net investment income | (9,345,182) | (7,588,655) |
| Net Assets Applicable to Common Shareholders | | |
| Total increase (decrease) in net assets applicable to Common Shareholders | 12,612,195 | (200,947) |
| Beginning of year | 163,918,225 | 164,119,172 |
| End of year | \$176,530,420 | \$163,918,225 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | |
|-------------------------------------|--------------|--------------|
| Undistributed net investment income | \$ 2,904,565 | \$ 2,028,015 |
|-------------------------------------|--------------|--------------|

See Notes to Financial Statements.

36 ANNUAL REPORT

JULY 31, 2010

Statements of Cash Flows

| | Muniholdings California Insured Fund, Inc. (MUC) | MuniYield Pennsylvania Insured Fund (MPA) |
|---|---|--|
| July 31, 2010 | | |
| Cash Used for Operating Activities | | |
| Net increase in net assets resulting from operations, excluding dividends to Preferred Shareholders | \$ 88,079,288 | \$ 22,330,525 |
| Adjustments to reconcile net increase in net assets resulting from operations to net cash provided by operating activities: | | |
| Decrease in interest receivable | 781,429 | 198,159 |
| Increase in other assets | (39,794) | |
| Increase in dividends receivable - affiliated | (105) | |
| Decrease in prepaid expenses | 23,495 | 13,329 |
| Increase in cash pledged as collateral in connection with futures | (84,400) | |
| Increase in investment advisory fees payable | 14,919 | 6,312 |
| Increase in margin variation payable | 35,938 | |
| Decrease in interest expense and fees payable | (13,151) | (22,925) |
| Increase (decrease) in other affiliates payable | 437 | (20) |
| Increase in other accrued expenses payable | 3,014 | 20,483 |
| Increase in Officers' and Directors' fees payable | 40,242 | 23 |
| Net realized and unrealized gain | (50,853,823) | (11,734,899) |
| Amortization and accretion of premium and discount on investments | 1,673,159 | 388,330 |
| Proceeds from sales of long-term investments | 232,837,611 | 18,590,427 |
| Purchases of long-term investments | (265,214,768) | (24,984,859) |
| Net purchases of short-term securities | (50,770,152) | (6,952,903) |
| Cash used for operating activities | (43,486,661) | (2,148,018) |
| Cash Provided by Financing Activities | | |
| Cash receipts from trust certificates | 85,351,729 | 11,716,768 |
| Cash payments from trust certificates | (8,700,000) | |
| Cash dividends paid to Common Shareholders | (32,127,325) | (9,270,558) |
| Cash dividends paid to Preferred Shareholders | (1,060,239) | (374,242) |
| Cash provided by financing activities | 43,464,165 | 2,071,968 |
| Cash | | |
| Net decrease in cash | (22,496) | (76,050) |
| Cash at beginning of year | 22,496 | 76,050 |
| Cash at end of year | | |
| Cash Flow Information | | |
| Cash paid during the year for interest and fees | \$ 822,092 | \$ 271,116 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

A Statement of Cash Flows is presented when a Fund had a significant amount of borrowing during the period, based on the average borrowing outstanding in relation to average total assets.

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

37

**BlackRock MuniHoldings California Insured Fund,
Inc. (MUC)**

Financial Highlights

| | Year Ended | | Period July 1, 2009 | Year Ended June 30, | | |
|---|------------------|----------------------|---------------------------|------------------------|------------|------------|
| | July 31, 2010 | to July 31, 2009 | 2009 | 2008 | 2007 | 2006 |
| Per Share Operating Performance | | | | | | |
| Net asset value, beginning of period | \$ 13.21 | \$ 13.05 | \$ 13.84 | \$ 14.48 | \$ 14.44 | \$ 15.40 |
| Net investment income ¹ | 0.92 | 0.08 | 0.90 | 0.96 | 1.01 | 1.05 |
| Net realized and unrealized gain (loss) | 1.24 | 0.14 | (0.89) | (0.60) | 0.07 | (0.85) |
| Dividends to Preferred Shareholders from net investment income | (0.03) | (0.00) ² | (0.15) | (0.32) | (0.31) | (0.25) |
| Net increase (decrease) from investment operations | 2.13 | 0.22 | (0.14) | 0.04 | 0.77 | (0.05) |
| Dividends to Common Shareholders from net investment income | (0.79) | (0.06) | (0.65) | (0.68) | (0.73) | (0.91) |
| Net asset value, end of period | \$ 14.55 | \$ 13.21 | \$ 13.05 | \$ 13.84 | \$ 14.48 | \$ 14.44 |
| Market price, end of period | \$ 14.04 | \$ 12.18 | \$ 11.07 | \$ 12.24 | \$ 13.92 | \$ 13.94 |
| Total Investment Return³ | | | | | | |
| Based on net asset value | 16.96% | 1.75% ⁴ | 0.21% | 0.64% | 5.46% | (0.29)% |
| Based on market price | 22.40% | 10.59% ⁴ | (3.88)% | (7.41)% | 5.02% | (0.98)% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | |
| Total expenses ⁵ | 1.23% | 1.34% ^{6,7} | 1.59% | 1.58% | 1.66% | 1.41% |
| Total expenses after fees waived ⁵ | 1.12% | 1.19% ^{6,7} | 1.40% | 1.50% | 1.60% | 1.35% |
| Total expenses after fees waived and excluding interest expense and fees ^{5,8} | 0.98% | 1.06% ^{6,7} | 1.02% | 1.14% | 1.12% | 1.10% |
| Net investment income ⁵ | 6.52% | 6.59% ^{6,7} | 7.08% | 6.72% | 6.81% | 7.01% |
| Dividends to Preferred Shareholders | 0.18% | 0.23% ⁶ | 1.15% | 2.22% | 2.11% | 1.68% |
| Net investment income to Common Shareholders | 6.34% | 6.36% ^{6,7} | 5.93% | 4.50% | 4.70% | 5.33% |
| Supplemental Data | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 594,734 | \$ 540,144 | \$ 533,256 | \$ 565,757 | \$ 592,053 | \$ 589,404 |
| Preferred Shares outstanding at \$25,000 liquidation preference, | | | | | | |
| end of period (000) | \$ 254,000 | \$ 254,000 | \$ 287,375 | \$ 287,375 | \$ 390,000 | \$ 390,000 |
| Portfolio turnover | 25% | 1% | 19% | 43% | 35% | 34% |
| Asset coverage per Preferred Share at \$25,000 liquidation preference, | | | | | | |
| end of period | \$ 83,538 | \$ 78,166 | \$ 71,392 | \$ 74,225 | \$ 62,965 | \$ 62,795 |

¹ Based on average Common Shares outstanding.

² Amount is less than \$(0.01) per share.

³ Total investment returns based on market value, which can be significantly greater or lesser than the net asset value, may result in substantially different returns. Where applicable,

total investment returns exclude effects of sales charges and include the reinvestment of dividends and distributions.

⁴ Aggregate total investment return.

⁵ Do not reflect the effect of dividends to Preferred Shareholders.

⁶ Annualized.

⁷ Certain non-recurring expenses have been included in the ratio but not annualized. If these expenses were annualized, the ratios of total expenses, total expenses after fees

waived, total expenses after fees waived and excluding interest expense and fees, net investment income and net investment income to Common Shareholders would have been

1.43%, 1.28%, 1.15%, 6.50% and 6.27%, respectively.

⁸ Interest expense and fees relate to tender option bond trusts. See Note 1 of the Notes to Financial Statements for details of municipal bonds transferred to tender option

bond trusts.

See Notes to Financial Statements.

38 ANNUAL REPORT

JULY 31, 2010

Financial Highlights

BlackRock MuniHoldings New Jersey Insured Fund, Inc.
(MUJ)

| | Year Ended July 31, | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 2010 | 2009 | 2008 | 2007 | 2006 |
| Per Share Operating Performance | | | | | |
| Net asset value, beginning of year | \$ 14.40 | \$ 14.35 | \$ 14.86 | \$ 14.91 | \$ 15.62 |
| Net investment income ¹ | 1.00 | 0.98 | 0.93 | 1.03 | 1.03 |
| Net realized and unrealized gain (loss) | 0.67 | (0.11) | (0.47) | (0.03) | (0.61) |
| Dividends and distributions to Preferred Shareholders from: | | | | | |
| Net investment income | (0.03) | (0.16) | (0.31) | (0.31) | (0.26) |
| Net realized gain | (0.00) ² | | | | |
| Net increase from investment operations. | 1.64 | 0.71 | 0.15 | 0.69 | 0.16 |
| Dividends and distributions to Common Shareholders from: | | | | | |
| Net investment income | (0.84) | (0.66) | (0.66) | (0.74) | (0.87) |
| Net realized gain | (0.01) | | | | |
| Total dividends and distributions to Common Shareholders | (0.85) | (0.66) | (0.66) | (0.74) | (0.87) |
| Net asset value, end of year | \$ 15.19 | \$ 14.40 | \$ 14.35 | \$ 14.86 | \$ 14.91 |
| Market price, end of year | \$ 15.05 | \$ 13.38 | \$ 12.93 | \$ 14.40 | \$ 14.98 |
| Total Investment Return³ | | | | | |
| Based on net asset value | 11.95% | 6.13% | 1.35% | 4.71% | 1.09% |
| Based on market price | 19.37% | 9.45% | (5.76)% | 0.99% | (0.16)% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | |
| Total expenses ⁴ | 1.13% | 1.30% | 1.30% | 1.45% | 1.45% |
| Total expenses after fees waived ⁴ | 1.08% | 1.21% | 1.23% | 1.40% | 1.39% |
| Total expenses after fees waived and excluding interest expense and fees ^{4,5} | 1.05% | 1.10% | 1.15% | 1.17% | 1.15% |
| Net investment income ⁴ | 6.71% | 7.04% | 6.22% | 6.77% | 6.80% |
| Dividends to Preferred Shareholders | 0.22% | 1.13% | 2.11% | 2.03% | 1.72% |
| Net investment income to Common Shareholders | 6.49% | 5.91% | 4.11% | 4.74% | 5.08% |
| Supplemental Data | | | | | |
| Net assets applicable to Common Shareholders, end of year (000) | \$ 322,681 | \$ 305,856 | \$ 304,947 | \$ 315,769 | \$ 315,649 |
| Preferred Shares outstanding at \$25,000 liquidation preference, end of year (000) | \$ 172,700 | \$ 172,700 | \$ 176,700 | \$ 203,000 | \$ 203,000 |
| Portfolio turnover | 13% | 9% | 12% | 17% | 16% |
| Asset coverage per Preferred Share at \$25,000 liquidation preference, end of year | \$ 71,713 | \$ 69,278 ⁶ | \$ 68,152 ⁶ | \$ 63,898 ⁶ | \$ 63,884 ⁶ |

¹ Based on average Common Shares outstanding.

² Amount is less than \$(0.01) per share.

³ Total investment returns based on market value, which can be significantly greater or lesser than the net asset value, may result in substantially different returns. Where applicable,

total investment returns exclude effects of sales charges and include the reinvestment of dividends and distributions.

⁴ Do not reflect the effect of dividends to Preferred Shareholders.

⁵ Interest expense and fees relate to tender option bond trusts. See Note 1 of the Notes to Financial Statements for details of municipal bonds transferred to tender option bond trusts.

⁶ Amounts have been recalculated to conform with current year presentation.

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

39

Financial Highlights

BlackRock MuniYield Insured Investment
Fund (MFT)

| | Period | | | | | |
|---|---------------------|------------|----------------------|------------------------|------------|------------|
| | November 1, 2007 | | | Year Ended October 31, | | |
| | Year Ended July 31, | | 2008 | Year Ended October 31, | | 2005 |
| | 2010 | 2009 | | to July 31, | | |
| | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 |
| Per Share Operating Performance | | | | | | |
| Net asset value, beginning of period | \$ 12.83 | \$ 13.42 | \$ 14.38 | \$ 14.91 | \$ 14.72 | \$ 15.22 |
| Net investment income ¹ | 0.92 | 0.94 | 0.71 | 0.95 | 0.97 | 0.98 |
| Net realized and unrealized gain (loss) | 0.98 | (0.70) | (0.97) | (0.49) | 0.24 | (0.38) |
| Dividends to Preferred Shareholders from net investment income | (0.04) | (0.15) | (0.22) | (0.31) | (0.27) | (0.17) |
| Net increase (decrease) from investment operations | 1.86 | 0.09 | (0.48) | 0.15 | 0.94 | 0.43 |
| Dividends to Common Shareholders from net investment income | (0.82) | (0.68) | (0.48) | (0.68) | (0.75) | (0.90) |
| Capital charges resulting from issuance of Preferred Shares | | | | | | (0.03) |
| Net asset value, end of period | \$ 13.87 | \$ 12.83 | \$ 13.42 | \$ 14.38 | \$ 14.91 | \$ 14.72 |
| Market price, end of period | \$ 14.28 | \$ 11.80 | \$ 11.75 | \$ 12.74 | \$ 14.21 | \$ 14.18 |
| Total Investment Return² | | | | | | |
| Based on net asset value | 14.99% | 1.94% | (2.97)% ³ | 1.39% | 6.87% | 2.72% |
| Based on market price | 28.72% | 7.08% | (4.11)% ³ | (5.75)% | 5.73% | 0.54% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | |
| Total expenses ⁴ | 1.19% | 1.40% | 1.51% ⁵ | 1.54% | 1.46% | 1.38% |
| Total expenses after fees waived ⁴ | 1.19% | 1.37% | 1.49% ⁵ | 1.52% | 1.45% | 1.38% |
| Total expenses after fees waived and excluding interest expense and fees ^{4,6} | 1.09% | 1.19% | 1.18% ⁵ | 1.20% | 1.17% | 1.20% |
| Net investment income ⁴ | 6.80% | 7.54% | 6.60% ⁵ | 6.53% | 6.58% | 6.50% |
| Dividends to Preferred Shareholders | 0.29% | 1.23% | 2.07% ⁵ | 2.13% | 1.87% | 1.13% |
| Net investment income to Common Shareholders | 6.51% | 6.31% | 4.53% ⁵ | 4.40% | 4.71% | 5.37% |
| Supplemental Data | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 117,341 | \$ 108,434 | \$ 113,449 | \$ 121,574 | \$ 126,042 | \$ 124,422 |
| Preferred Shares outstanding at \$25,000 liquidation preference, | | | | | | |
| end of period (000) | \$ 56,525 | \$ 56,525 | \$ 62,250 | \$ 72,000 | \$ 72,000 | \$ 72,000 |
| Portfolio turnover. | 38% | 43% | 21% | 26% | 34% | 52% |
| Asset coverage per Preferred Share at \$25,000 liquidation preference, | | | | | | |
| end of period | \$ 76,900 | \$ 72,961 | \$ 70,569 | \$ 67,220 | \$ 68,769 | \$ 68,212 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

¹ Based on average Common Shares outstanding.

² Total investment returns based on market value, which can be significantly greater or lesser than the net asset value, may result in substantially different returns. Where applicable,

total investment returns exclude effects of sales charges and include the reinvestment of dividends and distributions.

³ Aggregate total investment return.

⁴ Do not reflect the effect of dividends to Preferred Shareholders.

⁵ Annualized.

⁶ Interest expense and fees relate to tender option bond trusts. See Note 1 of the Notes to Financial Statements for details of municipal bonds transferred to tender option bond trusts.

See Notes to Financial Statements.

40 ANNUAL REPORT

JULY 31, 2010

Financial Highlights

BlackRock MuniYield Michigan Insured
Fund, Inc. (MIY)

| | Period | | | | | |
|---|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|------------|
| | November 1, 2007 | | | Year Ended October 31, | | |
| | Year Ended July 31, | | 2008 | Year Ended October 31, | | 2005 |
| | 2010 | 2009 | | 2007 | 2006 | |
| | | | to July 31, | | | |
| | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 |
| Per Share Operating Performance | | | | | | |
| Net asset value, beginning of period | \$ 13.93 | \$ 14.16 | \$ 15.03 | \$ 15.45 | \$ 15.32 | \$ 15.96 |
| Net investment income ¹ | 0.98 | 1.00 | 0.70 | 1.06 | 1.04 | 1.08 |
| Net realized and unrealized gain (loss) | 0.94 | (0.40) | (0.82) | (0.45) | 0.22 | (0.54) |
| Dividends to Preferred Shareholders from net investment income | (0.05) | (0.16) | (0.23) | (0.32) | (0.29) | (0.18) |
| Net increase (decrease) from investment operations | 1.87 | 0.44 | (0.35) | 0.29 | 0.97 | 0.36 |
| Dividends to Common Shareholders from net investment income | (0.88) | (0.67) | (0.52) | (0.71) | (0.84) | (0.98) |
| Capital charges with respect to the issuance of Preferred Shares | | | | | | (0.02) |
| Net asset value, end of period | \$ 14.92 | \$ 13.93 | \$ 14.16 | \$ 15.03 | \$ 15.45 | \$ 15.32 |
| Market price, end of period | \$ 14.55 | \$ 12.25 | \$ 12.30 | \$ 13.40 | \$ 14.67 | \$ 15.31 |
| Total Investment Return² | | | | | | |
| Based on net asset value | 14.31% | 4.66% | (2.02)% ³ | 2.30% | 6.64% | 2.24% |
| Based on market price | 26.76% | 5.95% | (4.54)% ³ | (3.95)% | 1.32% | 6.10% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | |
| Total expenses ⁴ | 1.07% | 1.27% | 1.42% ⁵ | 1.55% | 1.62% | 1.42% |
| Total expenses after fees waived ⁴ | 1.07% | 1.25% | 1.40% ⁵ | 1.55% | 1.61% | 1.42% |
| Total expenses after fees waived and excluding interest expense and fees ^{4,6} | 1.03% | 1.09% | 1.13% ⁵ | 1.12% | 1.11% | 1.10% |
| Net investment income ⁴ | 6.72% | 7.37% | 6.19% ⁵ | 6.95% | 6.84% | 6.84% |
| Dividends to Preferred Shareholders | 0.31% | 1.19% | 2.05% ⁵ | 2.12% | 1.87% | 1.13% |
| Net investment income to Common Shareholders | 6.41% | 6.18% | 4.14% ⁵ | 4.83% | 4.97% | 5.71% |
| Supplemental Data | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 271,609 | \$ 253,630 | \$ 257,806 | \$ 273,593 | \$ 281,350 | \$ 278,250 |
| Preferred Shares outstanding at \$25,000 liquidation preference, | | | | | | |
| end of period (000) | \$ 144,650 | \$ 144,650 | \$ 144,650 | \$ 165,000 | \$ 165,000 | \$ 165,000 |
| Portfolio turnover | 15% | 9% | 21% | 10% | 15% | 25% |
| Asset coverage end of period per \$1,000 | \$ 2,878 ⁷ | \$ 2,753 ⁷ | \$ 2,782 ⁷ | \$ 2,658 ⁷ | \$ 2,705 ⁷ | \$ 2,686 |

¹ Based on average Common Shares outstanding.

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

² Total investment returns based on market value, which can be significantly greater or lesser than the net asset value, may result in substantially different returns. Where applicable,

total investment returns exclude effects of sales charges and include the reinvestment of dividends and distributions.

³ Aggregate total investment return.

⁴ Do not reflect the effect of dividends to Preferred Shareholders.

⁵ Annualized.

⁶ Interest expense and fees relate to tender option bond trusts. See Note 1 of the Notes to Financial Statements for details of municipal bonds transferred to tender option

bond trusts.

⁷ Asset coverage per Preferred Share at \$25,000 liquidation preference for the periods ended 2010, 2009, 2008, 2007 and 2006 were \$71,945, \$68,838, \$69,563, \$66,461 and \$67,638, respectively.

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

41

BlackRock MuniYield New Jersey Insured Fund, Inc.
(MJI)

Financial Highlights

| | Period | | | | | |
|---|---------------------|-------------|----------------------|------------------------|------------|-------------------|
| | November 1, 2007 | | | Year Ended October 31, | | |
| | Year Ended July 31, | to July 31, | | 2007 | 2006 | 2005 |
| | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 |
| Per Share Operating Performance | | | | | | |
| Net asset value, beginning of period | \$ 14.07 | \$ 14.23 | \$ 15.02 | \$ 15.42 | \$ 15.07 | \$ 15.46 |
| Net investment income ¹ | 0.98 | 0.96 | 0.69 | 0.96 | 0.97 | 0.96 |
| Net realized and unrealized gain (loss) | 0.94 | (0.27) | (0.76) | (0.42) | 0.36 | (0.27) |
| Dividends and distributions to Preferred Shareholders from: | | | | | | |
| Net investment income | (0.04) | (0.15) | (0.21) | (0.28) | (0.25) | (0.16) |
| Net realized gain | (0.01) | (0.01) | (0.01) | (0.00) ² | | |
| Net increase (decrease) from investment operations | 1.87 | 0.53 | (0.29) | 0.26 | 1.08 | 0.53 |
| Dividends and distributions to Common Shareholders from: | | | | | | |
| Net investment income | (0.84) | (0.67) | (0.49) | (0.65) | (0.73) | (0.92) |
| Net realized gain | (0.10) | (0.02) | (0.01) | (0.01) | | |
| Total dividends and distributions to Common Shareholders | (0.94) | (0.69) | (0.50) | (0.66) | (0.73) | (0.92) |
| Capital charges with respect to the issuance of Preferred Shares | | | | | | 0.00 ³ |
| Net asset value, end of period | \$ 15.00 | \$ 14.07 | \$ 14.23 | \$ 15.02 | \$ 15.42 | \$ 15.07 |
| Market price, end of period | \$ 14.92 | \$ 12.82 | \$ 12.81 | \$ 13.70 | \$ 14.96 | \$ 14.65 |
| Total Investment Return⁴ | | | | | | |
| Based on net asset value | 13.90% | 4.94% | (1.67)% ⁵ | 2.00% | 7.50% | 3.49% |
| Based on market price | 24.34% | 6.22% | (2.95)% ⁵ | (4.10)% | 7.28% | 2.60% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | |
| Total expenses ⁶ | 1.06% | 1.22% | 1.24% ⁷ | 1.37% | 1.59% | 1.52% |
| Total expenses after fees waived ⁶ | 1.05% | 1.21% | 1.24% ⁷ | 1.37% | 1.59% | 1.52% |
| Total expenses after fees waived and excluding interest expense and fees ^{6,8} | 1.02% | 1.11% | 1.18% ⁷ | 1.17% | 1.15% | 1.16% |
| Net investment income ⁶ | 6.64% | 7.10% | 6.18% ⁷ | 6.30% | 6.46% | 6.21% |
| Dividends to Preferred Shareholders | 0.29% | 1.12% | 1.87% ⁷ | 1.81% | 1.63% | 1.03% |
| Net investment income to Common Shareholders | 6.35% | 5.98% | 4.31% ⁷ | 4.49% | 4.83% | 5.18% |
| Supplemental Data | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 132,281 | \$ 123,806 | \$ 125,233 | \$ 132,174 | \$ 135,767 | \$ 132,622 |
| Preferred Shares outstanding at \$25,000 liquidation preference, end of period (000) | \$ 64,475 | \$ 64,475 | \$ 65,700 | \$ 73,500 | \$ 73,500 | \$ 73,500 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| Portfolio turnover | 12% | 8% | 13% | 23% | 11% | 29% |
| Asset coverage per Preferred Share at \$25,000 liquidation preference, | | | | | | |
| end of period | \$ 76,294 | \$ 73,008 | \$ 72,666 | \$ 69,965 | \$ 71,185 | \$ 70,110 |

¹ Based on average Common Shares outstanding.

² Amount is less than \$(0.01) per share.

³ Amount is less than \$0.01 per share.

⁴ Total investment returns based on market value, which can be significantly greater or lesser than the net asset value, may result in substantially different returns. Where applicable,

total investment returns exclude effects of sales charges and include the reinvestment of dividends and distributions.

⁵ Aggregate total investment return.

⁶ Do not reflect the effect of dividends to Preferred Shareholders.

⁷ Annualized.

⁸ Interest expense and fees relate to tender option bond trusts. See Note 1 of the Notes to Financial Statements for details of municipal bonds transferred to tender option bond trusts.

See Notes to Financial Statements.

42 ANNUAL REPORT

JULY 31, 2010

BlackRock MuniYield Pennsylvania Insured Fund (MPA)
Financial Highlights

| | Period | | | | | |
|---|---------------------|------------|----------------------|------------------------|---------------------|------------|
| | November 1, 2007 | | | | | |
| | Year Ended July 31, | | to July 31, | Year Ended October 31, | | |
| | 2010 | 2009 | | 2007 | 2006 | 2005 |
| Per Share Operating Performance | | | | | | |
| Net asset value, beginning of period | \$ 14.28 | \$ 14.30 | \$ 15.49 | \$ 15.89 | \$ 15.57 | \$ 16.04 |
| Net investment income ¹ | 0.92 | 0.93 | 0.71 | 1.01 | 1.01 | 1.05 |
| Net realized and unrealized gain (loss) | 1.02 | (0.15) | (1.18) | (0.40) | 0.36 | (0.35) |
| Dividends to Preferred Shareholders from net investment income | (0.03) | (0.14) | (0.22) | (0.32) | (0.27) | (0.19) |
| Net increase (decrease) from investment operations | 1.91 | 0.64 | (0.69) | 0.29 | 1.10 | 0.51 |
| Dividends to Common Shareholders from net investment income | (0.81) | (0.66) | (0.50) | (0.69) | (0.78) | (0.96) |
| Capital charges with respect to the issuance of Preferred Shares | | | | | (0.00) ² | (0.02) |
| Net asset value, end of period | \$ 15.38 | \$ 14.28 | \$ 14.30 | \$ 15.49 | \$ 15.89 | \$ 15.57 |
| Market price, end of period | \$ 15.26 | \$ 12.87 | \$ 12.43 | \$ 13.67 | \$ 14.60 | \$ 14.91 |
| Total Investment Return³ | | | | | | |
| Based on net asset value | 14.18% | 5.88% | (4.18)% ⁴ | 2.19% | 7.52% | 3.16% |
| Based on market price | 25.70% | 9.78% | (5.62)% ⁴ | (1.85)% | 3.16% | 1.51% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | |
| Total expenses ⁵ | 1.15% | 1.27% | 1.50% ⁶ | 1.72% | 1.70% | 1.70% |
| Total expenses after fees waived ⁵ | 1.15% | 1.25% | 1.48% ⁶ | 1.72% | 1.69% | 1.69% |
| Total expenses after fees waived and excluding interest expense and fees ^{5,7} | 1.00% | 1.06% | 1.13% ⁶ | 1.13% | 1.13% | 1.13% |
| Net investment income ⁵ | 6.17% | 6.82% | 6.18% ⁶ | 6.44% | 6.49% | 6.56% |
| Dividends to Preferred Shareholders | 0.22% | 1.00% | 1.93% ⁶ | 2.02% | 1.76% | 1.17% |
| Net investment income to Common Shareholders | 5.95% | 5.82% | 4.25% ⁶ | 4.42% | 4.73% | 5.39% |
| Supplemental Data | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 176,530 | \$ 163,918 | \$ 164,119 | \$ 177,807 | \$ 182,402 | \$ 178,771 |
| Preferred Shares outstanding at \$25,000 liquidation preference, | | | | | | |
| end of period (000) | \$ 66,350 | \$ 66,350 | \$ 77,400 | \$ 102,000 | \$ 102,000 | \$ 102,000 |
| Portfolio turnover | 6% | 18% | 24% | 35% | 25% | 42% |
| Asset coverage per Preferred Share at \$25,000 liquidation preference, | | | | | | |
| end of period | \$ 91,517 | \$ 86,765 | \$ 78,018 | \$ 68,585 | \$ 69,717 | \$ 68,827 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

¹ Based on average Common Shares outstanding.

² Amount is less than \$(0.01) per share.

³ Total investment returns based on market value, which can be significantly greater or lesser than the net asset value, may result in substantially different returns. Where applicable, total investment returns exclude effects of sales charges and include the reinvestment of dividends and distributions.

⁴ Aggregate total investment return.

⁵ Do not reflect the effect of dividends to Preferred Shareholders.

⁶ Annualized.

⁷ Interest expense and fees relate to tender option bond trusts. See Note 1 of the Notes to Financial Statements for details of municipal bonds transferred to tender option bond trusts.

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2010

43

Notes to Financial Statements

1. Organization and Significant Accounting Policies:

BlackRock MuniHoldings California Insured Fund, Inc. (MUC), BlackRock MuniHoldings New Jersey Fund, Inc. (MUJ), BlackRock MuniYield Insured Investment Fund (MFT), BlackRock MuniYield Michigan Insured Fund, Inc. (MIY), BlackRock MuniYield New Jersey Insured Fund, Inc. (MJI) and BlackRock MuniYield Pennsylvania Insured Fund (MPA) (collectively, the Funds or individually, as a Fund), are registered under the Investment Company Act of 1940, as amended (the 1940 Act), as non-diversified, closed-end management investment companies. MUC, MUJ, MIY and MJI are organized as Maryland corporations. MFT and MPA are organized as Massachusetts business trusts. The Funds financial statements are prepared in conformity with accounting principles generally accepted in the United States of America ("US GAAP"), which may require management to make estimates and assumptions that affect the reported amounts and disclosures in the financial statements. Actual results could differ from those estimates. The Funds determine and make available for publication the net asset values of their Common Shares on a daily basis.

The following is a summary of significant accounting policies followed by the Funds:

Valuation: The Funds fair value their financial instruments at market value using independent dealers or pricing services under policies approved by each Fund s Board of Directors/Trustees (the Board). Municipal investments (including commitments to purchase such investments on a when-issued basis) are valued on the basis of prices provided by dealers or pricing services. In determining the value of a particular investment, pricing services may use certain information with respect to transactions in such investments, quotations from dealers, pricing matrixes, market transactions in comparable investments and information with respect to various relationships between investments. Financial futures contracts traded on exchanges are valued at their last sale price. Short-term securities with remaining maturities of 60 days or less may be valued at amortized cost, which approximates fair value. Investments in open-end investment companies are valued at net asset value each business day.

In the event that application of these methods of valuation results in a price for an investment which is deemed not to be representative of the market value of such investment or is not available, the investment will be valued in accordance with a policy approved by the Board as reflecting fair value ("Fair Value Assets"). When determining the price for Fair Value Assets, the investment advisor and/or the sub-advisor seeks to determine the price that each Fund might reasonably expect to receive from the current sale of that asset in an arm s-length transaction. Fair value determinations shall be based upon all available factors that the investment advisor

and/or sub-advisor deems relevant. The pricing of all Fair Value Assets is subsequently reported to the Board or a committee thereof.

Forward Commitments and When-Issued Delayed Delivery Securities: The Funds may purchase securities on a when-issued basis and may purchase or sell securities on a forward commitment basis. Settlement of such transactions normally occurs within a month or more after the purchase or sale commitment is made. The Funds may purchase securities under such conditions with the intention of actually acquiring them, but may enter into

a separate agreement to sell the securities before the settlement date. Since the value of securities purchased may fluctuate prior to settlement, the Funds may be required to pay more at settlement than the security is worth. In addition, the purchaser is not entitled to any of the interest earned prior to settlement. When purchasing a security on a delayed delivery basis, the Funds assume the rights and risks of ownership of the security, including the risk of price and yield fluctuations. In the event of default by the counterparty, the Funds' maximum amount of loss is the unrealized appreciation of unsettled when-issued transactions, which is shown on the Schedules of Investments, if any.

Municipal Bonds Transferred to Tender Option Bond Trusts: The Funds leverage their assets through the use of tender option bond trusts (TOBs). A TOB is established by a third party sponsor forming a special purpose entity, into which one or more funds, or an agent on behalf of the funds, transfers municipal bonds. Other funds managed by the investment advisor may also contribute municipal bonds to a TOB into which a Fund has contributed bonds. A TOB typically issues two classes of beneficial interests: short-term floating rate certificates, which are sold to third party investors, and residual certificates (TOB Residuals), which are generally issued to the participating funds that made the transfer. The TOB Residuals held by a Fund include the right of a Fund (1) to cause the holders of a proportional share of the short-term floating rate certificates to tender their certificates at par, including during instances of a rise in short-term interest rates, and (2) to transfer, within seven days, a corresponding share of the municipal bonds from the TOB to a Fund. The TOB may also be terminated without the consent of a Fund upon the occurrence of certain events as defined in the TOB agreements. Such termination events may include the bankruptcy or default of the municipal bond, a substantial downgrade in credit quality of the municipal bond, the inability of the TOB to obtain quarterly or annual renewal of the liquidity support agreement, a substantial decline in market value of the municipal bond or the inability to remarket the short-term floating rate certificates to third party investors.

The cash received by the TOB from the sale of the short-term floating rate certificates, less transaction expenses, is paid to a Fund, which typically invests the cash in additional municipal bonds. Each Fund's transfer of the municipal bonds to a TOB is accounted for as a secured borrowing, therefore the municipal bonds deposited into a TOB are presented in the Funds' Schedules of Investments and the proceeds from the issuance of the short-term floating rate certificates are shown as trust certificates in

the Statements of Assets and Liabilities.

Interest income from the underlying municipal bonds is recorded by the Funds on an accrual basis. Interest expense incurred on the secured borrowing and other expenses related to remarketing, administration and trustee services to a TOB are shown as interest expense and fees in the Statements of Operations. The short-term floating rate certificates have interest rates that generally reset weekly and their holders have the option to tender certificates to the TOB for redemption at par at each reset date. At July 31, 2010, the aggregate value of the underlying municipal bonds

44 ANNUAL REPORT

JULY 31, 2010

Notes to Financial Statements (continued)

transferred to TOBs, the related liability for trust certificates and the range of interest rates on the liability for trust certificates were as follows:

| | Underlying Municipal Bonds Transferred to TOBs | Liability for Trust Certificates | Range of Interest Rates |
|-----|---|---|------------------------------------|
| MUC | \$350,364,211 | \$181,854,633 | 0.25% 0.30% |
| MUJ | \$ 22,639,966 | \$ 13,262,930 | 0.27% 0.34% |
| MFT | \$ 31,794,594 | \$ 16,200,287 | 0.27% 0.43% |
| MIY | \$ 32,364,773 | \$ 16,190,000 | 0.28% 0.31% |
| MJI | \$ 8,090,834 | \$ 4,684,369 | 0.27% 0.34% |
| MPA | \$ 78,585,254 | \$ 38,445,136 | 0.28% 0.48% |

For the year ended July 31, 2010, the Funds' average trust certificates outstanding and the daily weighted average interest rate, including fees, were as follows:

| | Average Trust Certificates Outstanding | Daily Weighted Average Interest Rate |
|-----|---|---|
| MUC | \$109,166,909 | 0.74% |
| MUJ | \$ 13,262,930 | 0.72% |
| MFT | \$ 14,941,501 | 0.76% |
| MIY | \$ 16,190,000 | 0.70% |
| MJI | \$ 4,684,369 | 0.72% |
| MPA | \$ 29,911,366 | 0.83% |

Should short-term interest rates rise, the Funds' investments in TOBs may adversely affect the Funds' net investment income and distributions to Common Shareholders. Also, fluctuations in the market values of municipal bonds deposited into the TOB may adversely affect the Funds' net asset values per share.

Zero-Coupon Bonds: The Funds may invest in zero-coupon bonds, which are normally issued at a significant discount from face value and do not provide for periodic interest payments. Zero-coupon bonds may experience greater volatility in market value than similar maturity debt obligations which provide for regular interest payments.

Segregation and Collateralization: In cases in which the 1940 Act and

the interpretive positions of the Securities and Exchange Commission (SEC) require that the Funds either deliver collateral or segregate assets in connection with certain investments (e.g., financial futures contracts) each Fund will, consistent with SEC rules and/or certain interpretive letters issued by the SEC, segregate collateral or designate on its books and records cash or other liquid securities having a market value at least equal to the amount that would otherwise be required to be physically segregated. Furthermore, based on requirements and agreements with certain exchanges and third party broker-dealers, each party has requirements to deliver/deposit securities as collateral for certain investments.

Investment Transactions and Investment Income: For financial reporting purposes, investment transactions are recorded on the dates the transactions are entered into (the trade dates). Realized gains and losses on investment transactions are determined on the identified cost basis. Dividend income is recorded on the ex-dividend dates. Interest income, including amortization of premium and accretion of discount on debt securities, is recognized on the accrual basis.

Dividends and Distributions: Dividends from net investment income are declared and paid monthly. Distributions of capital gains are recorded on the ex-dividend dates. The amount and timing of dividends and distributions are determined in accordance with federal income tax regulations, which may differ from US GAAP. Dividends and distributions to Preferred Shareholders are accrued and determined as described in Note 7.

Income Taxes: It is each Fund's policy to comply with the requirements of the Internal Revenue Code of 1986, as amended, applicable to regulated investment companies and to distribute substantially all of its taxable income to its shareholders. Therefore, no federal income tax provision is required.

The Funds file US federal and various state and local tax returns. No income tax returns are currently under examination. The statute of limitations on the Funds US federal tax returns remains open for the year ended July 31, 2010, the period ended July 31, 2009 and for each of the two years ended June 30, 2009 for MUC, for each of the four years ended July 31, 2010 for MUJ and for each of the two years ended July 31, 2010, and the period ended July 31, 2008 and for the year ended October 31, 2007 for MFT, MIY, MJJ and MPA. The statutes of limitations on the Funds state and local tax returns may remain open for an additional year depending upon the jurisdiction. There are no uncertain tax positions that require recognition of a tax liability.

Deferred Compensation and BlackRock Closed-End Share Equivalent Investment Plan: Under the deferred compensation plan approved by each Fund's Board, non-interested Directors (Independent Directors) may defer a portion of their annual complex-wide compensation. Deferred amounts earn an approximate return as though equivalent dollar amounts had been invested in common shares of other certain BlackRock Closed-End Funds selected by the Independent Directors. This has approximately the same

economic effect for the Independent Directors as if the Independent Directors had invested the deferred amounts directly in other certain BlackRock Closed-End Funds.

The deferred compensation plan is not funded and obligations thereunder represent general unsecured claims against the general assets of each Fund. Each Fund may, however, elect to invest in common shares of other certain BlackRock Closed-End Funds selected by the Independent Directors in order to match its deferred compensation obligations. Investments to cover each Fund's deferred compensation liability, if any, are included in other assets in the Statements of Assets and Liabilities. Dividends and distributions from the BlackRock Closed-End Fund investments under the plan are included in income affiliated in the Statements of Operations.

Other: Expenses directly related to a Fund are charged to the Fund. Other operating expenses shared by several funds are pro rated among those funds on the basis of relative net assets or other appropriate methods. The Funds have an arrangement with the custodian whereby fees may be reduced by credits earned on uninvested cash balances, which, if applicable, are shown as fees paid indirectly in the Statements of Operations. The custodian imposes fees on overdrawn cash balances, which can be offset by accumulated credits earned or may result in additional custody charges.

ANNUAL REPORT

JULY 31, 2010

45

Notes to Financial Statements (continued)

2. Derivative Financial Instruments:

The Funds engage in various portfolio investment strategies using derivative contracts both to increase the returns of the Funds and to economically hedge, or protect, their exposure to certain risks such as interest rate risk. These contracts may be transacted on an exchange.

Losses may arise if the value of the contract decreases due to an unfavorable change in the market rates or values of the underlying instrument or if the counterparty does not perform under the contract. Counterparty risk related to exchange-traded financial futures contracts is minimal because of the protection against defaults by the exchange on which they trade.

Financial Futures Contracts: The Funds purchase or sell financial futures contracts and options on financial futures contracts to gain exposure to, or economically hedge against, changes in interest rates (interest rate risk).

Financial futures contracts are contracts for delayed delivery of securities or currencies at a specific future date and at a specific price or yield.

Pursuant to the contract, the Funds agree to receive from or pay to the

broker an amount of cash equal to the daily fluctuation in value of the contract. Such receipts or payments are known as margin variation and are recognized by the Funds as unrealized gains or losses. When the contract is closed, the Funds record a realized gain or loss equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed. The use of financial futures transactions involves the risk of an imperfect correlation in the movements in the price of financial futures contracts, interest rates and the underlying assets.

Derivative Instruments Categorized by Risk Exposure:

Fair Values of Derivative Instruments as of July 31, 2010

Liability Derivatives

| | | MUC |
|---|----------------------------|----------------|
| Statement of Assets and Liabilities Location | | Value |
| | | Net unrealized |
| Interest rate contracts | appreciation/depreciation* | \$ 107,141 |

*Includes cumulative appreciation/depreciation of financial futures contracts as reported in the Schedule of Investments. Only current day's margin variation is reported within the Statement of Assets and Liabilities.

**The Effect of Derivative Instruments on the Statements of
Operations**

Year Ended July 31,
2010

Net Realized Gain (Loss) from

| | MUC | MUJ | MFT | MIY | MJI | MPA |
|-----------------------------|--------------|--------------|------------|-------------|-------------|-------------|
| Interest rate contracts: | | | | | | |
| Financial futures contracts | \$ (119,579) | \$ (101,608) | \$ 13,691 | \$ (90,808) | \$ (45,600) | \$ (12,389) |

Net Change in Unrealized Appreciation/Depreciation on

| | MUC |
|-----------------------------|--------------|
| Interest rate contracts: | |
| Financial futures contracts | \$ (107,141) |

For the year ended July 31, 2010, the average quarterly balance of outstanding derivative financial instruments was as follows:

| | MUC | MUJ | MFT | MIY | MJI | MPA |
|---|--------------|---------------|------------|--------------|--------------|------------|
| Financial futures contracts: | | | | | | |
| Average number of contracts purchased | | 6 | 2 | 5 | 3 | 3 |
| Average number of contracts sold | 13 | 84 | 2 | 72 | 34 | 38 |
| Average notional value of contracts purchased | | \$ 718,764 | \$ 230,004 | \$ 603,762 | \$ 287,506 | \$ 373,757 |
| Average notional value of contracts sold | \$ 1,520,871 | \$ 10,112,190 | \$ 274,143 | \$ 8,612,830 | \$ 4,109,393 | 4,501,105 |

3. Investment Advisory Agreement and Other Transactions with Affiliates:

The PNC Financial Services Group, Inc. ("PNC"), Bank of America Corporation ("BAC") and Barclays Bank PLC ("Barclays") are the largest stockholders of BlackRock, Inc. ("BlackRock"). Due to the ownership structure, PNC is an affiliate of the Funds for 1940 Act purposes, but BAC and Barclays are not.

Each Fund entered into an Investment Advisory Agreement with BlackRock Advisors, LLC (the Manager), the Funds' investment advisor, an indirect, wholly owned subsidiary of BlackRock, to provide investment advisory and administration services.

The Manager is responsible for the management of each Fund's portfolio and provides the necessary personnel, facilities, equipment and certain other services necessary to the operations of each Fund. For such services,

each Fund pays the Manager a monthly fee at the following annual rates of each Fund's average daily net assets as follows:

| | |
|-----|-------|
| MUC | 0.55% |
| MUJ | 0.55% |
| MFT | 0.50% |
| MIY | 0.50% |
| MJI | 0.50% |
| MPA | 0.50% |

Average daily net assets is the average daily value of each Fund's total assets minus the sum of its accrued liabilities.

The Manager voluntarily agreed to waive its investment advisory fees by the amount of investment advisory fees each Fund pays to the Manager indirectly through its investment in affiliated money market funds, however the Manager does not waive its investment advisory fees by the amount of investment advisory fees paid through its investment in other affiliated investment companies, if any. This amount is shown as, or included in,

46 ANNUAL REPORT

JULY 31, 2010

Notes to Financial Statements (continued)

fees waived by advisor in the Statements of Operations. For the year ended July 31, 2010 the amounts waived were as follows:

| | |
|-----|----------|
| MUC | \$41,662 |
| MUJ | \$15,015 |
| MFT | \$ 5,019 |
| MIY | \$14,254 |
| MJI | \$ 8,683 |
| MPA | \$ 3,500 |

In addition, the Manager has agreed to waive its investment advisory fee on the proceeds of Preferred Shares and TOBs that exceed 35% of MUC and MUJ's average daily net assets. These amounts are included in fees waived by advisor in the Statements of Operations. For the year ended July 31, 2010, the amounts waived were as follows:

| | |
|-----|-----------|
| MUC | \$597,769 |
| MUJ | \$121,474 |

The Manager entered into a sub-advisory agreement with BlackRock Investment Management, LLC (BIM), an affiliate of the Manager, under which the Manager pays BIM for services it provides, a monthly fee that is a percentage of the investment advisory fees paid by each Fund to the Manager.

For the year ended July 31, 2010, the Funds reimbursed the Manager for certain accounting services, which are included in accounting services in the Statements of Operations.

| | |
|-----|----------|
| MUC | \$18,429 |
| MUJ | \$ 9,519 |
| MFT | \$ 3,616 |
| MIY | \$ 8,108 |
| MJI | \$ 3,776 |
| MPA | \$ 5,097 |

Certain officers and/or directors of the Funds are officers and/or directors of BlackRock or its affiliates. The Funds reimburse the Manager for compensation paid to the Funds' Chief Compliance Officer.

4. Investments:

Purchases and sales of investments excluding short-term securities for the year ended July 31, 2010, were as follows:

| | Purchases | Sales |
|-----|---------------|---------------|
| MUC | \$274,310,148 | \$230,581,978 |
| MUJ | \$ 63,012,565 | \$ 62,820,141 |
| MFT | \$ 70,564,465 | \$ 68,421,705 |
| MIY | \$ 69,426,774 | \$ 61,572,543 |
| MJI | \$ 22,317,855 | \$ 26,310,015 |
| MPA | \$ 24,568,177 | \$ 15,155,733 |

5. Income Tax Information:

Reclassifications: US GAAP require that certain components of net assets be adjusted to reflect permanent differences between financial and tax reporting.

These reclassifications have no effect on net assets or net asset values per share. The following permanent differences as of July 31, 2010 attributable to amortization methods on fixed income securities, the reclassification of distributions, the sale of bonds received from tender option bond trusts and distributions received from a regulated investment company were reclassified to the following accounts:

| | MUC | MUJ | MFT | MIY | MJI | MPA |
|-------------------------------------|--------|---------|-------------|-------------|-------------|-----------|
| Paid-in capital | | | | | \$ (67,360) | (17,191) |
| Undistributed net investment income | \$ (3) | \$ (48) | \$ 11,471 | \$ (84,836) | \$ (69,141) | (13,135) |
| Accumulated net realized loss | \$ 3 | \$ 48 | \$ (11,471) | \$ 84,836 | \$ 136,501 | \$ 30,326 |

The tax character of distributions paid during the year ended June 30, 2009, the fiscal period ended July 31, 2009 and the fiscal year ended July 31, 2010 were as follows:

| | MUC | MUJ | MFT | MIY | MJI | MPA |
|---------------------|--------------|--------------|--------------|--------------|--------------|-----------|
| Tax-exempt income | | | | | | \$ |
| 7/31/2010 | \$33,490,032 | \$18,643,305 | \$ 7,241,278 | \$16,929,747 | \$ 7,778,168 | 9,718,330 |
| 7/31/2009 | | 17,384,824 | 6,878,717 | 15,194,202 | 7,211,286 | 9,144,230 |
| 7/01/2009 7/31/2009 | 2,683,632 | | | | | |
| 6/30/2009 | 32,392,746 | | | | | |
| Ordinary income | | | | | | |
| 7/31/2010 | | | | | 34,535 | |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | | | | | | |
|-------------------------|-----------|--------------|--------------|--------------|--------------|--------------|-----------|
| 7/31/2009 | | | | | | 116,485 | |
| Long-term capital gains | | | | | | | |
| 7/31/2010 | | | 330,754 | | | | 964,963 |
| 7/31/2009 | | | | | | | 245,425 |
| Total distributions | | | | | | | |
| | | | | | | | \$ |
| 7/31/2010 | | \$33,490,032 | \$18,974,059 | \$ 7,241,278 | \$16,929,747 | \$ 8,777,666 | 9,718,330 |
| | | | | | | | \$ |
| 7/31/2009 | | | \$17,384,824 | \$ 6,995,202 | \$15,194,202 | \$ 7,456,711 | 9,144,230 |
| 7/01/2009 | 7/31/2009 | | \$ 2,683,632 | | | | |
| 6/30/2009 | | | \$32,392,746 | | | | |

ANNUAL REPORT

JULY 31, 2010

47

Notes to Financial Statements (continued)

As of July 31, 2010, the tax components of accumulated net earnings (losses) were as follows:

| | MUC | MUJ | MFT | MIY | MJI | MPA |
|---------------------------------|---------------------|---------------------|---------------------|---------------------|------------------|---------------------|
| | | | | | \$ | |
| Undistributed tax-exempt income | \$ 9,843,710 | \$ 6,352,814 | \$ 1,787,548 | \$ 4,259,101 | 2,756,445 | \$ 2,679,377 |
| Undistributed ordinary income | 5,965 | | 24 | 598 | | 111,808 |
| Capital Loss Carryforwards | (13,869,539) | | (10,090,082) | (7,596,829) | | (3,842,087) |
| Net unrealized gains* | 13,072,759 | 17,658,387 | 7,741,576 | 11,370,547 | 5,227,925 | 7,574,554 |
| | | | | | \$ | |
| Total | \$ 9,052,895 | \$24,011,201 | \$ (560,934) | \$ 8,033,417 | 7,984,370 | \$ 6,523,652 |

* The differences between book-basis and tax-basis net unrealized gains is attributable primarily to the tax deferral of losses on wash sales, the tax deferral of losses on straddles, amortization and accretion methods for premiums and discounts on fixed income securities, the deferral of post-October capital losses for tax purposes, the realization for tax purposes of unrealized gains (losses) on certain futures contracts, the treatment of residual interests in tender option bond trusts and the deferral of compensation to directors.

As of July 31, 2010, the Funds had capital loss carryforwards available to offset future realized capital gains through the indicated expiration dates:

| Expires July 31, | MUC | MFT | MIY | MPA |
|------------------|----------------------|-------------------|---------------------|------------------|
| 2011 | \$ 3,015,538 | | | |
| 2012 | | \$ 2,081,725 | \$ 3,875,883 | |
| 2016 | 2,097,897 | 659,619 | 1,689,814 | |
| | | | | \$ |
| 2017 | 8,756,104 | 993,919 | 2,031,132 | 2,948,179 |
| 2018 | | 6,354,819 | | 893,908 |
| | | \$ | | \$ |
| Total | \$ 13,869,539 | 10,090,082 | \$ 7,596,829 | 3,842,087 |

6. Concentration, Market and Credit Risk:

MUC, MUJ, MIY, MJI, and MPA invest a substantial amount of their assets in issuers located in a single state or limited number of states. Please see the Schedules of Investments for concentrations in specific states.

Many municipalities insure repayment of their bonds, which may reduce the potential for loss due to credit risk. The market value of these bonds may fluctuate for other reasons, including market perception of the value of such insurance, and there is no guarantee that the insurer will meet its obligation.

In the normal course of business, the Funds invest in securities and enters into transactions where risks exist due to fluctuations in the market (market risk) or failure of the issuer of a security to meet all its obligations (issuer credit risk). The value of securities held by the Funds may decline in response to certain events, including those directly involving the issuers whose securities are owned by the Funds; conditions affecting the general economy; overall market changes; local, regional or global political, social or economic instability; and currency and interest rate and price fluctuations. Similar to issuer credit risk, the Funds may be exposed to counterparty credit risk, or the risk that an entity with which the Funds have unsettled or open transactions may fail to or be unable to perform on its commitments. The Funds manage counterparty credit risk by entering into transactions only with counterparties that it believes have the financial resources to honor their obligations and by monitoring the financial stability of those counterparties. Financial assets, which potentially expose the Funds to market, issuer and counterparty credit risks, consist principally of financial instruments and receivables due from counterparties. The extent of the Funds' exposure to market, issuer and counterparty credit risks with respect to these financial assets is generally approximated by their value recorded in the Funds' Statements of Assets and Liabilities, less any collateral held by the Funds.

MUC invests a significant portion of its assets in securities in the County/City/Special District/School District and Utilities sectors. MUJ invests a significant portion of its assets in securities in the County/City/Special District/School District, State and Transportation sectors. MIY invests a significant portion of its assets in securities in the County/City/Special District/School District and Health sectors. MJJ invests a significant portion of its assets in securities in the County/City/Special District/School District, Education and State sectors. MPA invests a significant portion of its assets in securities in the County/City/Special District/School District and State sectors. Changes in economic conditions affecting the County/City/Special District/School District, Education, Health, State, Transportation, and Utilities sectors would have a greater impact on the Funds, and could affect the value, income and/or liquidity of positions in such securities.

7. Capital Share Transactions:

MFT and MPA are authorized to issue an unlimited number of Common Shares of beneficial interest, par value \$0.10 per share together with 1 million Preferred Shares of beneficial interest, par value \$0.05 per share. Each Fund's Board is authorized, however, to reclassify any unissued shares of Common Shares without approval of Common Shareholders.

MUC, MUJ, MIY, and MJJ are authorized to issue 200 million shares, including Preferred Shares, par value \$0.10 per share or \$0.05 per share, all of which were initially classified as Common Shares. Each Fund's Board is authorized, however, to reclassify any unissued shares of Common Shares without approval of Common Shareholders.

Common Shares

Shares issued and outstanding remained constant for MUC, MUJ, MIY and MPA during the years ended July 31, 2010 and 2009 respectively.

48 ANNUAL REPORT

JULY 31, 2010

Notes to Financial Statements (concluded)

For MFT, shares issued and outstanding increased by 5,456 as a result of reinvestment of dividends during the year ended July 31, 2010, and remained constant during the year ended July 31, 2009.

For MJJ, shares issued and outstanding increased by 15,316 as a result of reinvestment of dividends and distributions during the year ended July 31, 2010, and remained constant during the year ended July 31, 2009.

Preferred Shares

The Preferred Shares are redeemable at the option of each Fund, in whole or in part, on any dividend payment date at their liquidation preference per share plus any accumulated and unpaid dividends whether or not declared. The Preferred Shares are also subject to mandatory redemption at their liquidation preference plus any accumulated and unpaid dividends, whether or not declared, if certain requirements relating to the composition of the assets and liabilities of a Fund, as set forth in each Fund's Articles of Amendment/Statement of Preferences (the Governing Instrument) are not satisfied.

From time to time in the future, each Fund may effect repurchases of its Preferred Shares at prices below their liquidation preference as agreed upon by the Fund and seller. Each Fund also may redeem its Preferred Shares from time to time as provided in the applicable Governing Instrument. Each Fund intends to effect such redemptions and/or repurchases to the extent necessary to maintain applicable asset coverage requirements or for such other reasons as the Board may determine.

The holders of Preferred Shares have voting rights equal to the holders of Common Shares (one vote per share) and will vote together with holders of Common Shares (one vote per share) as a single class. However, the holders of Preferred Shares, voting as a separate class, are also entitled to elect two Directors for each Fund. In addition, the 1940 Act requires that along with approval by shareholders that might otherwise be required, the approval of the holders of a majority of any outstanding Preferred Shares, voting separately as a class would be required to (a) adopt any plan of reorganization that would adversely affect the Preferred Shares, (b) change a Funds' sub-classification as a closed-end investment company or change its fundamental investment restrictions or (c) change its business so as to cease to be an investment company.

The Funds had the following series of Preferred Shares outstanding, effective yields and reset frequency as of July 31, 2010:

| | Reset |
|-----------|---------------------|
| Preferred | Effective Frequency |

| | Series | Shares | Yield | Days |
|-----|--------|--------------------|-------|------|
| MUC | A | 1,251 ¹ | 0.44% | 7 |
| | B | 2,527 ¹ | 0.41% | 7 |
| | C | 2,084 ¹ | 0.41% | 7 |
| | D | 1,928 ¹ | 0.43% | 7 |
| | E | 2,370 ¹ | 0.43% | 7 |
| MUJ | A | 1,157 ¹ | 0.44% | 7 |
| | B | 1,157 ¹ | 0.41% | 7 |
| | C | 2,042 ¹ | 0.43% | 7 |
| | D | 1,599 ¹ | 0.43% | 7 |
| | E | 953 ¹ | 0.41% | 7 |

| | Series | Preferred Shares | Effective Yield | Frequency | Reset Days |
|-----|--------|--------------------|-----------------|-----------|------------|
| MFT | A | 1,884 ¹ | 0.44% | | 7 |
| | B | 377 ² | 1.49% | | 7 |
| MIY | A | 1,753 ¹ | 0.43% | | 7 |
| | B | 1,753 ¹ | 0.41% | | 7 |
| | C | 1,403 ¹ | 0.43% | | 7 |
| | D | 877 ² | 1.50% | | 7 |
| MJI | A | 1,965 ¹ | 0.41% | | 7 |
| | B | 614 ² | 1.47% | | 7 |
| MPA | A | 1,041 ¹ | 0.44% | | 7 |
| | B | 1,249 ¹ | 0.43% | | 7 |
| | C | 364 ² | 1.47% | | 7 |

¹ The maximum applicable rate on this series of Preferred Shares is the higher of 110% of the AA commercial paper rate or 110% of 90% of the Kenny S&P 30-day High Grade Index rate divided by 1.00 minus the marginal tax rate.

² The maximum applicable rate on this series of Preferred Shares is the higher of 110% plus or times (i) the Telerate/BAA LIBOR or (ii) 90% of Kenny S&P 30-day High Grade Index rate divided by 1.00 minus the marginal tax rate.

Dividends on seven-day Preferred Shares are cumulative at a rate, which is reset every seven days based on the results of an auction. If the Preferred Shares fail to clear the auction on an auction date, each Fund is required to pay the maximum applicable rate on the Preferred Shares to holders of such shares for successive dividend periods until such time as the shares are successfully auctioned. The maximum applicable rate on all series of Preferred Shares is the higher of 110% of the AA commercial paper rate or 100% of 90% of the Kenny S&P 30-day High Grade Index divided by 1.00 minus the marginal tax rate. The low, high and average dividend rates on

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

the Preferred Shares for each Fund for the year ended July 31, 2010 were as follows:

| | Series | Low | High | Average |
|-----|---------------|------------|-------------|----------------|
| MUC | A | 0.24% | 0.58% | 0.42% |
| | B | 0.24% | 0.58% | 0.42% |
| | C | 0.24% | 0.58% | 0.42% |
| | D | 0.26% | 0.58% | 0.42% |
| | E | 0.26% | 0.58% | 0.42% |
| MUJ | A | 0.24% | 0.58% | 0.42% |
| | B | 0.24% | 0.58% | 0.41% |
| | C | 0.26% | 0.58% | 0.42% |
| | D | 0.26% | 0.58% | 0.42% |
| | E | 0.24% | 0.58% | 0.41% |
| MFT | A | 0.24% | 0.58% | 0.42% |
| | B | 1.34% | 1.63% | 1.48% |
| MIY | A | 0.26% | 0.58% | 0.42% |
| | B | 0.24% | 0.58% | 0.41% |
| | C | 0.26% | 0.58% | 0.42% |
| | D | 1.32% | 1.63% | 1.48% |
| MJI | A | 0.24% | 0.58% | 0.41% |
| | B | 1.32% | 1.63% | 1.48% |
| MPA | A | 0.24% | 0.58% | 0.42% |
| | B | 0.26% | 0.58% | 0.42% |
| | C | 1.32% | 1.63% | 1.48% |

Since February 13, 2008, the Preferred Shares of the Funds failed to clear any of their auctions. As a result, the Preferred Shares dividend rates were reset to the maximum applicable rate, which ranged from 0.24% to 1.63% for the year ended July 31, 2010. A failed auction is not an event of default for the Funds but it has a negative impact on the liquidity of Preferred Shares. A failed auction occurs when there are more sellers of

ANNUAL REPORT

JULY 31, 2010

Notes to Financial Statements (concluded)

a Fund's auction rate preferred shares than buyers. It is impossible to predict how long this imbalance will last. A successful auction for the Funds' Preferred Shares may not occur for some time, if ever, and even if liquidity does resume, holders of the Preferred Shares may not have the ability to sell the Preferred Shares at their liquidation preference.

The Funds may not declare dividends or make other distributions on Common Shares or purchase any such shares if, at the time of the declaration, distribution or purchase, asset coverage with respect to the outstanding Preferred Shares is less than 200%.

The Funds pay commissions of 0.25% on the aggregate principal amount of all shares that successfully clear their auctions and 0.15% on the aggregate principal amount of all shares that fail to clear their auctions. Certain broker dealers have individually agreed to reduce commissions for failed auctions.

During the year ended July 31, 2009, certain Funds announced the following redemptions of Preferred Shares at a price of \$25,000 per share plus any accrued and unpaid dividends through the redemption date:

| | | Redemption | Shares | Aggregate |
|-----|---------------|-------------------|-----------------|------------------|
| | Series | Date | Redeemed | Principal |
| MUC | A | 7/07/09 | 164 | \$4,100,000 |
| | B | 7/06/09 | 332 | \$8,300,000 |
| | C | 7/06/09 | 274 | \$6,850,000 |
| | D | 7/09/09 | 253 | \$6,325,000 |
| | E | 7/08/09 | 312 | \$7,800,000 |
| MUJ | A | 7/07/09 | 27 | \$ 675,000 |
| | B | 7/06/09 | 27 | \$ 675,000 |
| | C | 7/08/09 | 47 | \$1,175,000 |
| | D | 7/09/09 | 37 | \$ 925,000 |
| | E | 7/06/09 | 22 | \$ 550,000 |
| MFT | A | 7/14/09 | 191 | \$4,775,000 |
| | B | 7/09/09 | 38 | \$ 950,000 |
| MJI | A | 7/06/09 | 37 | \$ 925,000 |
| | B | 7/06/09 | 12 | \$ 300,000 |
| MPA | A | 7/14/09 | 173 | \$4,325,000 |
| | B | 7/08/09 | 208 | \$5,200,000 |
| | C | 7/06/09 | 61 | \$1,525,000 |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

The Funds financed the Preferred Share redemptions with cash received from TOB transactions.

Preferred Shares issued and outstanding remained constant for the year ended July 31, 2010 for all Funds.

8. Restatement Information:

During the year ended October 31, 2006 MIY determined that the criteria for sale accounting under US GAAP had not been met for certain transfers of municipal bonds related to investments in TOB Residuals, and that these transfers should have been accounted for as secured borrowings rather than as sales. As a result, certain financial highlights for the year ended October 31, 2005 for MIY have been restated to give effect to recording the transfers of the municipal bonds as secured borrowings, including recording interest on the bonds as interest income and interest on the secured borrowings as interest expense.

| Financial Highlights for MIY | Previously | |
|---|-------------------|-----------------|
| Year Ended October 31, 2005 | Reported | Restated |
| Total expenses ¹ | 1.10% | 1.42% |
| Total expenses after fees waived ¹ | 1.10% | 1.42% |
| Portfolio turnover | 30.16% | 25% |

¹ Do not reflect the effect of dividends to Preferred Shareholders.

9. Subsequent Events:

Management's evaluation of the impact of all subsequent events on the Funds' financial statements was completed through the date the financial statements were issued and the following items were noted:

Each Fund paid a net investment income dividend on September 1, 2010 to Common Shareholders of record on August 16, 2010 as follows:

| | Common Dividend Per Share |
|-----|----------------------------------|
| MUC | \$0.0705 |
| MUJ | \$0.0730 |
| MFT | \$0.0710 |
| MIY | \$0.0750 |
| MJI | \$0.0720 |
| MPA | \$0.0720 |

On September 1, 2010, each of the Funds declared a dividend to Common Shareholders of record on September 15, 2010 in the following amounts:

| | Common Dividend Per Share |
|-----|--------------------------------------|
| MUC | \$0.0735 |
| MUJ | \$0.0740 |
| MFT | \$0.0710 |
| MIY | \$0.0765 |
| MJI | \$0.0720 |
| MPA | \$0.0745 |

The dividends declared on Preferred Shares for the period August 1, 2010 to August 31, 2010 were as follows:

| | Series | Dividends Declared |
|-----|---------------|-------------------------------|
| MUC | A | \$10,718 |
| | B | \$21,320 |
| | C | \$17,779 |
| | D | \$16,718 |
| | E | \$20,600 |
| MUJ | A | \$ 9,913 |
| | B | \$ 9,871 |
| | C | \$17,749 |
| | D | \$13,865 |
| | E | \$ 8,040 |
| MFT | A | \$16,142 |
| | B | \$11,487 |
| MIY | A | \$15,237 |
| | B | \$14,790 |
| | C | \$12,165 |
| | D | \$26,660 |
| MJI | A | \$16,578 |
| | B | \$18,640 |
| MPA | A | \$ 8,919 |
| | B | \$10,857 |
| | C | \$11,050 |

50 ANNUAL REPORT

JULY 31, 2010

Report of Independent Registered Public Accounting Firm

To the Shareholders and Board of Directors of
BlackRock MuniHoldings California Insured Fund, Inc.
BlackRock MuniHoldings New Jersey Insured Fund, Inc.
BlackRock MuniYield Michigan Insured Fund, Inc. and
BlackRock MuniYield New Jersey Insured Fund, Inc. and
the Shareholders and Board of Trustees of
BlackRock MuniYield Insured Investment Fund and
BlackRock MuniYield Pennsylvania Insured Fund
(collectively the Funds):

We have audited the accompanying statement of assets and liabilities of BlackRock MuniHoldings California Insured Fund, Inc., including the schedule of investments, as of July 31, 2010, and the related statements of operations and cash flows for the year then ended, the statements of changes in net assets for the year ended July 31, 2010, the period July 1, 2009 to July 31, 2009 and the year ended June 30, 2009, and the financial highlights for each of the periods presented. We have also audited the accompanying statements of assets and liabilities of BlackRock MuniHoldings New Jersey Insured Fund, Inc., BlackRock MuniYield New Jersey Insured Fund, Inc. and BlackRock MuniYield Insured Investment Fund, including the schedules of investments, as of July 31, 2010, and the related statements of operations for the year then ended, the statements of changes in net assets for each of the two years in the period then ended, and the financial highlights for each of the periods presented. We have also audited the accompanying statement of assets and liabilities of BlackRock MuniYield Michigan Insured Fund, Inc., including the schedule of investments, as of July 31, 2010, and the related statement of operations for the year then ended, the statements of changes in net assets for each of the two years in the period then ended, and the financial highlights for each of the two years in the period then ended, the period November 1, 2007 to July 31, 2008 and for each of the two years in the period ended October 31, 2007. We have also audited the accompanying statement of assets and liabilities of BlackRock MuniYield Pennsylvania Insured Fund, including the schedule of investments, as of July 31, 2010, and the related statements of operations and cash flows for the year then ended, the statements of changes in net assets for each of the two years in the period then ended, and the financial highlights for each of the periods presented. These financial statements and financial highlights are the responsibility of the Funds management. Our responsibility is to express an opinion on these financial statements and financial highlights based on our audits. The financial highlights of BlackRock MuniYield Michigan Insured Fund, Inc. for the year ended October 31, 2005 (before the restatement described in Note 8) were audited by other auditors whose report, dated December 9, 2005, expressed a qualified opinion on the financial highlights because of the errors described in Note 8.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements and financial highlights are free of material misstatement. The Funds are not required to have, nor were we engaged to perform, an audit of their internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in

the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Funds' internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. Our procedures included confirmation of securities owned as of July 31, 2010, by correspondence with the custodians and brokers; where replies were not received from brokers, we performed other auditing procedures. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements and financial highlights referred to above present fairly, in all material respects, the financial position of BlackRock MuniHoldings California Insured Fund, Inc. as of July 31, 2010, the results of its operations and its cash flows for the year then ended, the changes in its net assets for the year then ended, the period July 1, 2009 to July 31, 2009 and the year ended June 30, 2009, and the financial highlights for each of the periods presented, in conformity with accounting principles generally accepted in the United States of America. Additionally, in our opinion, the financial statements and financial highlights referred to above present fairly, in all material respects, the financial positions of BlackRock MuniHoldings New Jersey Insured Fund, Inc., BlackRock MuniYield New Jersey Insured Fund, Inc. and BlackRock MuniYield Insured Investment Fund, the results of their operations for the year then ended, the changes in their net assets for each of the two years in the period then ended, and the financial highlights for each of the periods presented, in conformity with accounting principles generally accepted in the United States of America. Additionally, in our opinion, the financial statements and financial highlights referred to above present fairly, in all material respects, the financial position of BlackRock MuniYield Michigan Insured Fund, Inc., the results of its operations for the year then ended, the changes in its net assets for each of the two years in the period then ended, and the financial highlights for each of the two years in the period then ended, the period November 1, 2007 to July 31, 2008 and for each of the two years in the period ended October 31, 2007, in conformity with accounting principles generally accepted in the United States of America. Additionally, in our opinion, the financial statements and financial highlights referred to above present fairly, in all material respects, the financial position of BlackRock MuniYield Pennsylvania Insured Fund as of July 31, 2010, the results of its operations and its cash flows for the year then ended, the changes in its net assets for each of the two years in the period then ended, and the

financial highlights for each of the periods presented, in conformity with accounting principles generally accepted in the United States of America.

We also have audited the adjustments, applied by management, to restate certain financial highlights for the year ended October 31, 2005 for BlackRock MuniYield Michigan Insured Fund, Inc. (the Fund) to correct the errors described in Note 8. These adjustments are the responsibility of the Fund's management. The audit procedures that we performed with respect to the adjustments included such tests as we considered necessary in the circumstances and were designed to obtain reasonable assurance about whether the adjustments are appropriate and have been

ANNUAL REPORT

JULY 31, 2010

51

Report of Independent Registered Public Accounting Firm (concluded)

properly applied, in all material respects, to the restated financial highlights for the year ended October 31, 2005. We did not perform any audit procedures designed to assess whether any additional adjustments to such financial highlights might be necessary in order for such financial highlights to be presented in conformity with accounting principles generally accepted in the United States of America. In our opinion, the adjustments to the financial highlights for the year ended October 31, 2005 for BlackRock MuniYield Michigan Insured Fund, Inc. described in Note 8 are appropriate and have been properly applied, in all material respects. However, we were not engaged to audit, review, or apply any procedures to such financial highlights other than with respect to the adjustments described in Note 8 and, accordingly, we do not express an opinion or any other form of assurance on such financial highlights.

Deloitte & Touche LLP
Princeton, New Jersey
September 27, 2010

52 ANNUAL REPORT

JULY 31, 2010

Important Tax Information

The following table summarizes the taxable per share distributions paid by MJJ during the taxable year ended July 31, 2010.

| | Payable Date | Ordinary Income | Long Term Gains |
|-------------------------|---------------------|------------------------|------------------------|
| Common Shareholders | 12/31/09 | \$0.024326 | \$0.099095 |
| Preferred Shareholders: | | | |
| Series A | 11/16/09 | \$ 0.10 | \$ 2.74 |
| | 11/23/09 | \$ 0.12 | \$ 3.23 |
| | 11/30/09 | \$ 0.12 | \$ 3.60 |
| | 12/7/09 | \$ 0.12 | \$ 3.48 |
| | 12/14/09 | \$ 0.10 | \$ 2.87 |
| | 12/21/09 | \$ 0.12 | \$ 3.11 |
| | 12/28/09 | \$ 0.12 | \$ 3.48 |
| | 1/4/10 | \$ 0.16 | \$ 3.94 |
| | 1/11/10 | \$ 0.02 | \$ 0.80 |
| Series B | 11/13/09 | \$ 0.40 | \$ 11.11 |
| | 11/20/09 | \$ 0.41 | \$ 11.63 |
| | 11/27/09 | \$ 0.43 | \$ 11.90 |
| | 12/4/09 | \$ 0.43 | \$ 11.80 |
| | 12/11/09 | \$ 0.40 | \$ 11.27 |
| | 12/18/09 | \$ 0.22 | \$ 6.09 |

All of the other net investment income distributions paid by the Fund qualify as tax-exempt interest dividends for federal income tax purposes.

The following table summarizes the taxable per share distributions paid by MUJ during the taxable year ended July 31, 2010.

| | Payable Date | Long Term Gains |
|-------------------------|---------------------|------------------------|
| Common Shareholders | 12/31/09 | \$0.014156 |
| Preferred Shareholders: | | |
| Series A | 11/24/09 | \$ 3.34 |
| | 12/1/09 | \$ 1.02 |
| Series B | 11/20/09 | \$ 3.34 |
| | 11/27/09 | \$ 1.09 |
| Series C | 11/25/09 | \$ 3.72 |
| | 12/2/09 | \$ 0.61 |
| Series D | 11/27/09 | \$ 4.24 |
| | 12/3/09 | \$ 0.03 |
| Series E | 11/23/09 | \$ 3.34 |
| | 11/30/09 | \$ 1.03 |

All of the net investment income distributions paid by MUC, MUJ, MIY, MFT and MPA during the taxable year ended July 31, 2010 qualify as tax-exempt interest dividends for federal income tax purposes.

ANNUAL REPORT

JULY 31, 2010

53

Disclosure of Investment Advisory Agreements and Sub-Advisory Agreements

The Board of Directors and the Board of Trustees, as the case may be (each, a Board, and, collectively, the "Boards," and the members of which are referred to as "Board Members") of each of BlackRock MuniHoldings California Insured Fund, Inc. (MUC), BlackRock MuniHoldings New Jersey Insured Fund, Inc. (MUJ), BlackRock MuniYield Insured Investment Fund (MFT), BlackRock MuniYield Michigan Insured Fund, Inc. (MIY), BlackRock MuniYield New Jersey Insured Fund, Inc. (MJI) and BlackRock MuniYield Pennsylvania Insured Fund (MPA and, together with MUC, MUJ, MFT, MIY and MJI, each a Fund, and, collectively, the Funds) met on April 8, 2010 and May 13-14, 2010 to consider the approval of each Fund s investment advisory agreement (each, an Advisory Agreement) with BlackRock Advisors, LLC (the Manager), each Fund s investment advisor. Each Board also considered the approval of the sub-advisory agreement (each, a Sub-Advisory Agreement) between the Manager and BlackRock Investment Management, LLC (the Sub-Advisor) with respect to its Fund. The Manager and the Sub-Advisor are referred to herein as BlackRock. The Advisory Agreements and the Sub-Advisory Agreements are referred to herein as the Agreements.

Activities and Composition of the Board

The Board of each Fund consists of ten individuals, eight of whom are not interested persons of such Fund as defined in the Investment Company Act of 1940 (the 1940 Act) (the Independent Board Members). The Board Members are responsible for the oversight of the operations of each Fund and perform the various duties imposed on the directors of investment companies by the 1940 Act. The Independent Board Members have retained independent legal counsel to assist them in connection with their duties. The Chairman of the Boards is an Independent Board Member. The Boards have established five standing committees: an Audit Committee, a Governance and Nominating Committee, a Compliance Committee, a Performance Oversight Committee and an Executive Committee, each of which is composed of Independent Board Members (except for the Executive Committee, which also has one interested Board Member) and is chaired by an Independent Board Member. The Boards also have two ad hoc committees, the Joint Product Pricing Committee, which consists of Independent Board Members and the directors/trustees of the boards of certain other BlackRock-managed funds, who are not interested persons of their respective funds, and the Ad Hoc Committee on Auction Market Preferred Shares.

The Agreements

Pursuant to the 1940 Act, the Boards are required to consider the continuation of the Agreements on an annual basis. In connection with this process, the Boards assessed, among other things, the nature, scope

and quality of the services provided to the Funds by the personnel of BlackRock and its affiliates, including investment management, administrative and shareholder services, oversight of fund accounting and custody, marketing services and assistance in meeting applicable legal and regulatory requirements.

From time to time throughout the year, each Board, acting directly and through its committees, considered at each of its meetings factors that are relevant to its annual consideration of the renewal of the Agreements, including the services and support provided by BlackRock to the respective Fund and its shareholders. Among the matters the Board considered were: (a) investment performance for one-, three- and five-year periods, as applicable, against peer funds, and applicable benchmarks, if any, as well as senior management's and portfolio managers' analysis of the reasons for any over performance or underperformance against a Fund's peers and/or benchmark, as applicable; (b) fees, including advisory, and other amounts paid to BlackRock and its affiliates by each Fund for services such as call center and fund accounting; (c) each Fund's operating expenses; (d) the resources devoted to and compliance reports relating to each Fund's investment objective, policies and restrictions; (e) each Fund's compliance with its Code of Ethics and compliance policies and procedures; (f) the nature, cost and character of non-investment management services provided by BlackRock and its affiliates; (g) BlackRock's and other service providers' internal controls; (h) BlackRock's implementation of the proxy voting policies approved by the Boards; (i) execution quality of portfolio transactions; (j) BlackRock's implementation of each Fund's valuation and liquidity procedures; (k) an analysis of contractual and actual management fees for products with similar investment objectives across the open-end fund, closed-end fund and institutional account product channels, as applicable; and (l) periodic updates on BlackRock's business.

Board Considerations in Approving the Agreements

The Approval Process: Prior to the April 8, 2010 meeting, the Boards requested and received materials specifically relating to the Agreements. The Boards are engaged in a process with BlackRock to periodically review the nature and scope of the information provided to better assist their deliberations. The materials provided in connection with the April meeting included (a) information independently compiled and prepared by Lipper, Inc. (Lipper) on Fund fees and expenses, and the investment performance of each Fund as compared with a peer group of funds as determined by Lipper and a customized peer group selected by BlackRock, as applicable (collectively, Peers); (b) information on the profitability of the Agreements to BlackRock and a discussion of fall-out benefits to BlackRock and its affiliates and significant shareholders; (c) a general analysis provided by BlackRock concerning investment advisory fees charged to other clients, such as institutional clients and open-end funds, under similar investment mandates; (d) the impact of economies of scale;

(e) a summary of aggregate amounts paid by each Fund to BlackRock and (f) if applicable, a comparison of management fees to similar BlackRock

closed-end funds, as classified by Lipper.

At an in-person meeting held on April 8, 2010, the Boards reviewed materials relating to their consideration of the Agreements. As a result of the discussions that occurred during the April 8, 2010 meeting, the Boards presented BlackRock with questions and requests for additional information and BlackRock responded to these requests with additional written information in advance of the May 13 - 14, 2010 Board meeting.

54 ANNUAL REPORT

JULY 31, 2010

Disclosure of Investment Advisory Agreements and Sub-Advisory Agreements (continued)

At an in-person meeting held on May 13-14, 2010, each Fund's Board, including the Independent Board Members, unanimously approved the continuation of the Advisory Agreement between the Manager and each respective Fund and the Sub-Advisory Agreement between the Manager and the Sub-Advisor with respect to each Fund, each for a one-year term ending June 30, 2011. In approving the continuation of the Agreements, the Boards considered: (a) the nature, extent and quality of the services provided by BlackRock; (b) the investment performance of each Fund and BlackRock; (c) the advisory fee and the cost of the services and profits to be realized by BlackRock and its affiliates from their relationship with each Fund; (d) economies of scale; and (e) other factors deemed relevant by the Board Members.

The Boards also considered other matters they deemed important to the approval process, such as services related to the valuation and pricing of each Fund's portfolio holdings, direct and indirect benefits to BlackRock and its affiliates and significant shareholders from their relationship with each Fund and advice from independent legal counsel with respect to the review process and materials submitted for the Boards' review. The Boards noted the willingness of BlackRock personnel to engage in open, candid discussions with the Boards. The Boards did not identify any particular information as controlling, and each Board Member may have attributed different weights to the various items considered.

A. Nature, Extent and Quality of the Services Provided by BlackRock:

The Boards, including the Independent Board Members, reviewed the nature, extent and quality of services provided by BlackRock, including the investment advisory services and the resulting performance of each Fund. Throughout the year, the Boards compared each Fund's performance to the performance of a comparable group of closed-end funds, and the performance of a relevant benchmark, if any. The Boards met with BlackRock's senior management personnel responsible for investment operations, including the senior investment officers. The Boards also reviewed the materials provided by each Fund's portfolio management team discussing each Fund's performance and each Fund's investment objective, strategies and outlook.

The Boards considered, among other factors, the number, education and experience of BlackRock's investment personnel generally and each Fund's portfolio management team, investments by portfolio managers in the funds they manage, BlackRock's portfolio trading capabilities, BlackRock's use of technology, BlackRock's commitment to compliance, BlackRock's credit analysis capabilities, BlackRock's risk analysis capabilities and BlackRock's approach to training and retaining portfolio managers and other research, advisory and management personnel. The Boards also reviewed a general description of BlackRock's compensation structure with

respect to each Fund's portfolio management team and BlackRock's ability to attract and retain high-quality talent.

In addition to advisory services, the Boards considered the quality of the administrative and non-investment advisory services provided to each Fund. BlackRock and its affiliates and significant shareholders provide each Fund with certain administrative and other services (in addition to any such services provided to each Fund by third parties) and officers and other personnel as are necessary for the operations of each Fund.

In addition to investment advisory services, BlackRock and its affiliates provide each Fund with other services, including (i) preparing disclosure documents, such as the prospectus and the statement of additional information in connection with the initial public offering and periodic shareholder reports; (ii) preparing communications with analysts to support secondary market trading of each Fund; (iii) assisting with daily accounting and pricing; (iv) preparing periodic filings with regulators and stock exchanges; (v) overseeing and coordinating the activities of other service providers; (vi) organizing Board meetings and preparing the materials for such Board meetings; (vii) providing legal and compliance support; and (viii) performing other administrative functions necessary for the operation of each Fund, such as tax reporting, fulfilling regulatory filing requirements, and call center services. The Boards reviewed the structure and duties of BlackRock's fund administration, accounting, legal and compliance departments and considered BlackRock's policies and procedures for assuring compliance with applicable laws and regulations.

B. The Investment Performance of the Funds and BlackRock: The Boards, including the Independent Board Members, also reviewed and considered the performance history of each Fund. In preparation for the April 8, 2010 meeting, the Boards were provided with reports, independently prepared by Lipper, which included a comprehensive analysis of each Fund's performance. The Boards also reviewed a narrative and statistical analysis of the Lipper data that was prepared by BlackRock, which analyzed various factors that affect Lipper's rankings. In connection with their review, the Boards received and reviewed information regarding the investment performance of each Fund as compared to a representative group of similar funds as determined by Lipper and to all funds in each Fund's applicable Lipper category and in the case of MUC, as customized peer group selected by BlackRock. The Boards were provided with a description of the methodology used by Lipper to select peer funds. The Boards regularly review the performance of each Fund throughout the year.

The Board of MUC noted that MUC performed below the median of its Customized Lipper Peer Group Composite in the one- and three-year periods reported, but that MUC performed better than or equal to the median of its Customized Lipper Peer Group Composite in the five-year period reported. The Board of MUC and BlackRock reviewed the reasons for MUC's underperformance during the one- and three-year periods compared with its Peers. The Board of MUC was informed that, among other things, performance detractors for MUC have included exposure to lesser rated

underlying holdings and specific exposure to zero coupon structures.

The Board of MUJ noted that, in general, MUJ performed better than its Peers in that MJU s performance was at or above the median of its Lipper Performance Composite in two of the one-, three- and five-year periods reported.

The Board of MFT noted that MFT performed below the median of its Lipper Performance Composite in each of the one-, three- and five-year periods reported. The Board of MFT and BlackRock reviewed the reasons for MFT s underperformance during these periods compared with its Peers. The Board of MFT was informed that, among other things, while MFT s management

ANNUAL REPORT

JULY 31, 2010

55

Disclosure of Investment Advisory Agreements and Sub-Advisory Agreements (continued)

team has reduced MFT's Florida exposure, MFT remains over-weighted in Florida holdings versus its Peers, which has hindered MFT's performance, as the state of Florida continues to have budget deficit concerns and a very weak housing market.

The Board of MFT and BlackRock discussed BlackRock's strategy for improving MFT's performance and BlackRock's commitment to providing the resources necessary to assist MFT's portfolio managers and to improve MFT's performance, in part through the repositioning of MFT's portfolio.

The Board of MIY noted that MIY performed below the median of its Lipper Performance Composite in the one- and five-year periods reported, but that MIY performed better than or equal to the median of its Lipper Performance Composite in the three-year period reported. The Board of MIY and BlackRock reviewed the reasons for MIY's underperformance during the one- and five-year periods compared with its Peers. The Board of MIY was informed that, among other things, performance is measured against single state insured municipal debt funds and that MIY's Lipper Performance Composite is heavily weighted with New York and California funds. Additionally, the Board of MIY was informed that the Michigan economy has suffered greatly leading to a lower overall credit outlook.

The Board of MJJ noted that MJJ performed below the median of its Lipper Performance Composite in the one- and five-year periods reported, but that MJJ performed better than or equal to the median of its Lipper Performance Composite in the three-year period reported. The Board of MJJ and BlackRock reviewed the reasons for MJJ's underperformance during the one- and five-year periods compared with its Peers. The Board of MJJ was informed that, among other things, MJJ's performance was impacted by a neutral duration posture in a declining rate environment as well as its sector weighting to water & sewer and transportation, which were underperforming sectors over the past year. Additionally, opportunities to alter sector allocations are few as issuance of insured bonds has been very limited over the past several years.

The Board of MPA noted that MPA performed below the median of its Lipper Performance Composite in each of the one-, three- and five-year periods reported. The Board of MPA and BlackRock reviewed the reasons for MPA's underperformance during these periods compared with its Peers. The Board of MPA was informed that, among other things, despite a recent dividend increase, MPA's relative distribution yield continues to have a negative impact on performance.

The Boards of MUC, MIY, MJJ and MPA and BlackRock discussed BlackRock's strategy for improving each respective Fund's performance and

BlackRock's commitment to providing the resources necessary to assist each Fund's portfolio managers and to improve each Fund's performance.

The Boards noted that BlackRock has made changes to the organization of the overall fixed income group management structure designed to result in a strengthened leadership team with clearer accountability.

C. Consideration of the Advisory Fees and the Cost of the Services and Profits to be Realized by BlackRock and its Affiliates from their Relationship with the Funds: The Boards, including the Independent Board Members, reviewed each Fund's contractual advisory fee rate compared with the other funds in its Lipper category. The Boards also compared each Fund's total expenses, as well as actual management fees, to those of other funds in its Lipper category. The Boards considered the services provided and the fees charged by BlackRock to other types of clients with similar investment mandates, including separately managed institutional accounts.

The Boards received and reviewed statements relating to BlackRock's financial condition and profitability with respect to the services it provided each Fund. The Boards were also provided with a profitability analysis that detailed the revenues earned and the expenses incurred by BlackRock for services provided to each Fund. The Boards reviewed BlackRock's profitability with respect to each Fund and other funds the Boards currently oversee for the year ended December 31, 2009 compared to available aggregate profitability data provided for the year ended December 31, 2008. The Boards reviewed BlackRock's profitability with respect to other fund complexes managed by the Manager and/or its affiliates. The Boards reviewed BlackRock's assumptions and methodology of allocating expenses in the profitability analysis, noting the inherent limitations in allocating costs among various advisory products. The Boards recognized that profitability may be affected by numerous factors including, among other things, fee waivers and expense reimbursements by the Manager, the types of funds managed, expense allocations and business mix, and the difficulty of comparing profitability as a result of those factors.

The Boards noted that, in general, individual fund or product line profitability of other advisors is not publicly available. Nevertheless, to the extent such information was available, the Boards considered BlackRock's overall operating margin, in general, compared to the operating margin for leading investment management firms whose operations include advising closed-end funds, among other product types. That data indicates that operating margins for BlackRock with respect to its registered funds are generally consistent with margins earned by similarly situated publicly traded competitors. In addition, the Boards considered, among other things, certain third party data comparing BlackRock's operating margin with that of other publicly-traded asset management firms. That third party data indicates that larger asset bases do not, in themselves, translate to higher profit margins.

In addition, the Boards considered the cost of the services provided to

each Fund by BlackRock, and BlackRock's and its affiliates' profits relating to the management and distribution of each Fund and the other funds advised by BlackRock and its affiliates. As part of their analysis, the Boards reviewed BlackRock's methodology in allocating its costs to the management of each Fund. The Boards also considered whether BlackRock has the financial resources necessary to attract and retain high quality investment management personnel to perform its obligations under the Agreements and to continue to provide the high quality of services that is expected by the Boards.

56 ANNUAL REPORT

JULY 31, 2010

Disclosure of Investment Advisory Agreements and Sub-Advisory Agreements (concluded)

The Board of each Fund noted that its Fund's contractual management fee rate was lower than or equal to the median contractual management fee rate paid by the Fund's Peers, in each case, before taking into account any expense reimbursements or fee waivers.

D. Economies of Scale: The Boards, including the Independent Board Members, considered the extent to which economies of scale might be realized as the assets of each Fund increase. The Boards also considered the extent to which each Fund benefits from such economies and whether there should be changes in the advisory fee rate or structure in order to enable each Fund to participate in these economies of scale, for example through the use of breakpoints in the advisory fee based upon the asset level of each Fund.

The Boards noted that most closed-end fund complexes do not have fund level breakpoints because closed-end funds generally do not experience substantial growth after the initial public offering and each fund is managed independently consistent with its own investment objectives. The Boards noted that only one closed-end fund in the Fund Complex has breakpoints in its fee structure. Information provided by Lipper also revealed that only one closed-end fund complex with total closed-end fund nets assets exceeding \$10 billion, as of December 31, 2009, used a complex level breakpoint structure.

E. Other Factors Deemed Relevant by the Board Members: The Boards, including the Independent Board Members, also took into account other ancillary or fall-out benefits that BlackRock or its affiliates and significant shareholders may derive from their respective relationships with the Funds, both tangible and intangible, such as BlackRock's ability to leverage its investment professionals who manage other portfolios, an increase in BlackRock's profile in the investment advisory community, and the engagement of BlackRock's affiliates and significant shareholders as service providers to each Fund, including for administrative and distribution services. The Boards also considered BlackRock's overall operations and its efforts to expand the scale of, and improve the quality of, its operations. The Boards also noted that BlackRock may use and benefit from third party research obtained by soft dollars generated by certain mutual fund transactions to assist in managing all or a number of its other client accounts. The Boards further noted that BlackRock completed the acquisition of a complex of exchange-traded funds (ETFs) on December 1, 2009, and that BlackRock's funds may invest in such ETFs without any offset against the management fees payable by the funds to BlackRock.

In connection with its consideration of the Agreements, the Boards also received information regarding BlackRock's brokerage and soft dollar

practices. The Boards received reports from BlackRock which included information on brokerage commissions and trade execution practices throughout the year.

The Boards noted the competitive nature of the closed-end fund marketplace, and that shareholders are able to sell their respective Fund's shares in the secondary market if they believe that the Fund's fees and expenses are too high or if they are dissatisfied with the performance of the Fund.

Conclusion

The Boards, including the Independent Board Members, unanimously approved the continuation of the Advisory Agreement between the Manager and each Fund for a one-year term ending June 30, 2011 and the Sub-Advisory Agreement between the Manager and the Sub-Advisor with respect to each Fund for a one-year term ending June 30, 2011. As part of its approval, each Board considered the discussions of BlackRock's fee structure, as it applies to its respective Fund, being conducted by the ad hoc Joint Product Pricing Committee. Based upon its evaluation of all of the aforementioned factors in their totality, the Boards, including the Independent Board Members, were satisfied that the terms of the Agreements were fair and reasonable and in the best interest of each Fund and its shareholders. In arriving at a decision to approve the Agreements, the Boards did not identify any single factor or group of factors as all-important or controlling, but considered all factors together, and different Board Members may have attributed different weights to the various factors considered. The Independent Board Members were also assisted by the advice of independent legal counsel in making this determination. The contractual fee arrangements for each Fund reflect the results of several years of review by the Board Members and predecessor Board Members, and discussions between such Board Members (and predecessor Board Members) and BlackRock. Certain aspects of the arrangements may be the subject of more attention in some years than in others, and the Board Members' conclusions may be based in part on their consideration of these arrangements in prior years.

ANNUAL REPORT

JULY 31, 2010

57

Automatic Dividend Reinvestment Plan

Pursuant to each Fund's Dividend Reinvestment Plan (the Plan), common shareholders are automatically enrolled to have all distributions of dividends and capital gains reinvested by BNY Mellon Shareowner Services for MUC, MUJ, MFT, MIY and MJJ and Computershare Trust Company, N.A. for MPA (individually, the Plan Agent or together, the Plan Agents) in the respective Fund's shares pursuant to the Plan. Shareholders who do not participate in the Plan will receive all distributions in cash paid by check and mailed directly to the shareholders of record (or if the shares are held in street or other nominee name, then to the nominee) by the Plan Agent, which serves as agent for the shareholders in administering the Plan.

After the Funds declare a dividend or determine to make a capital gain distribution, the Plan Agent will acquire shares for the participants' accounts, depending upon the following circumstances, either (i) through receipt of unissued but authorized shares from the Fund (newly issued shares) or (ii) by purchase of outstanding shares on the open market or on the Fund's primary exchange (open-market purchases). If, on the dividend payment date, the net asset value per share (NAV) is equal to or less than the market price per share plus estimated brokerage commissions (such condition often referred to as a market premium), the Plan Agent will invest the dividend amount in newly issued shares on behalf of the participants. The number of newly issued shares to be credited to each participant's account will be determined by dividing the dollar amount of the dividend by the NAV on the date the shares are issued. However, if the NAV is less than 95% of the market price on the payment date, the dollar amount of the dividend will be divided by 95% of the market price on the payment date. If, on the dividend payment date, the NAV is greater than the market value per share plus estimated brokerage commissions (such condition often referred to as a market discount), the Plan Agent will invest the dividend amount in shares acquired on behalf of the participants in open-market purchases. If the Plan Agents are unable to invest the full dividend amount in open market purchases, or if the market discount shifts to a market premium during the purchase period, the Plan Agents will invest any uninvested portion in newly issued shares.

Participation in the Plan is completely voluntary and may be terminated or resumed at any time without penalty by notice if received and processed by the Plan Administrator prior to the dividend record date; otherwise such termination or resumption will be effective with respect to any subsequently declared dividend or other distribution.

The Plan Agent's fees for the handling of the reinvestment of dividends and distributions will be paid by each Fund. However, each participant will pay a pro rata share of brokerage commissions incurred with respect to the Plan Agent's open market purchases in connection with the reinvestment of dividends and distributions. The automatic reinvestment of dividends

and distributions will not relieve participants of any federal income tax that may be payable on such dividends or distributions.

Each Fund reserves the right to amend or terminate the Plan. There is no direct service charge to participants in the Plan; however, each Fund reserves the right to amend the Plan to include a service charge payable by the participants. Participants that request a sale of shares through Computershare Trust Company, N.A. are subject to a \$2.50 sales fee and a \$0.15 per share sold brokerage commission. Participants that request a sale of shares through BNY Mellon Shareowner Services are subject to a \$0.02 per share sold brokerage commission. All correspondence concerning the Plan should be directed to the respective Plan Agent: BNY Mellon Shareowner Services, P.O. Box 358035, Pittsburgh, PA 15252-8035, Telephone: (866) 216-0242 for shareholders of MUC, MUJ, MFT, MIY and MJI or Computershare Trust Company, N.A., P.O. Box 43078, Providence, RI 02940-3078, Telephone: (800) 699-1BFM or overnight correspondence should be directed to the Plan Agent at 250 Royall Street, Canton, MA 02021 for shareholders of MPA.

58 ANNUAL REPORT

JULY 31, 2010

Officers and Directors

| Name, Address and Year of Birth | Position(s) Held with Funds | Length of Time Served as a Director ² | Principal Occupation(s) During Past Five Years | Number of | |
|---|--|--|--|---|--|
| | | | | BlackRock-Advised Funds and Portfolios Overseen | Public Directorships |
| Non-Interested Directors¹ | | | | | |
| Richard E. Cavanagh 55 East 52nd Street New York, NY 10055 1946 | Chairman of the Board and Director | Since 2007 | Trustee, Aircraft Finance Trust from 1999 to 2009; Director, The Guardian Life Insurance Company of America since 1998; Trustee, Educational Testing Service from 1997 to 2009 and Chairman thereof from 2005 to 2009; Senior Advisor, The Fremont Group since 2008 and Director thereof since 1996; Adjunct Lecturer, Harvard University since 2007; President and Chief Executive Officer, The Conference Board, Inc. (global business research organization) from 1995 to 2007. | 99 Funds 97 Portfolios | Arch Chemical (chemical and allied products) |
| Karen P. Robards 55 East 52nd Street New York, NY 10055 1950 | Vice Chair of the Board, Chair of the Audit Committee and Director | Since 2007 | Partner of Robards & Company, LLC (financial advisory firm) since 1987; Co-founder and Director of the Cooke Center for Learning and Development (a not-for-profit organization) since 1987; Director of Care Investment Trust, Inc. (health care real estate investment trust) from 2007 to 2010; Director of Enable Medical Corp. from 1996 to 2005; Investment Banker at Morgan Stanley from 1976 to 1987. | 99 Funds 97 Portfolios | AtriCure, Inc. (medical devices) |
| Frank J. Fabozzi 55 East 52nd Street New York, NY 10055 1948 | Director and Member of the Audit Committee | Since 2007 | Consultant/Editor of The Journal of Portfolio Management since 2006; Professor in the Practice of Finance and Becton Fellow, Yale University, School of Management, since 2006; Adjunct Professor of Finance and Becton Fellow, Yale University from 1994 to 2006. | 99 Funds 97 Portfolios | None |
| Kathleen F. Feldstein 55 East 52nd Street New York, NY 10055 1941 | Director | Since 2007 | President of Economics Studies, Inc. (private economic consulting firm) since 1987; Chair, Board of Trustees, McLean Hospital from 2000 to 2008 and Trustee Emeritus thereof since 2008; Member of the Board of Partners Community Healthcare, Inc. from 2005 to 2009; Member of the Corporation of Partners | 99 Funds 97 Portfolios | The McClatchy Company (publishing); BellSouth (tele- |

Edgar Filing: BLACKROCK MUNIHOLDINGS CALIFORNIA INSURED FUND, INC. - Form N-CSR

| | | | | | |
|--------------------------|--------------|-------|---|---------------|----------------------------|
| | | | HealthCare since 1995; Trustee, Museum of Fine Arts, Boston since 1992; Member of the Visiting Committee to the Harvard University Art Museum since 2003; Director, Catholic Charities of Boston since 2009. | | communications); |
| | | | Chief Financial Officer of JPMorgan & Co., Inc. from 1990 to 1995. | 99 Funds | Knight Ridder (publishing) |
| James T. Flynn | Director and | Since | | | None |
| 55 East 52nd Street | Member of | 2007 | | 97 Portfolios | |
| New York, NY 10055 | the Audit | | | | |
| 1939 | Committee | | | | |
| Jerrold B. Harris | Director | Since | Trustee, Ursinus College since 2000; Director, Troemner LLC (scientific equipment) since 2000; Director of Delta Waterfowl Foundation since 2001; President and Chief Executive Officer, VWR Scientific Products Corporation from 1990 to 1999. | 99 Funds | BlackRock Kelso |
| 55 East 52nd Street | | 2007 | | 97 Portfolios | Capital Corp. |
| New York, NY 10055 | | | | | (business |
| 1942 | | | | | development company) |

ANNUAL REPORT

JULY 31, 2010

59

Officers and Directors (continued)

| Name, Address and Year of Birth | Position(s) Held with Funds | Length of Time Served as a Director ² | Principal Occupation(s) During Past Five Years | Number of BlackRock-Advised Funds and Portfolios Overseen and Public Directorships | |
|--|--|--|---|--|---|
| | | | | Funds | Public Directorships |
| Non-Interested Directors¹ (concluded) | | | | | |
| R. Glenn Hubbard 55 East 52nd Street New York, NY 10055 1958 | Director | Since 2007 | Dean, Columbia Business School since 2004; Columbia faculty member since 1988; Co-Director of Columbia Business School's Entrepreneurship Program from 1997 to 2004; Chairman, US Council of Economic Advisers under the President of the United States from 2001 to 2003; Chairman, Economic Policy Committee of the OECD from 2001 to 2003. | 99 Funds 97 Portfolios | ADP (data and information services); KKR Financial Corporation (finance); Metropolitan Life Insurance Company (insurance) |
| W. Carl Kester 55 East 52nd Street New York, NY 10055 1951 | Director and Member of the Audit Committee | Since 2007 | George Fisher Baker Jr. Professor of Business Administration, Harvard Business School; Deputy Dean for Academic Affairs from 2006 to 2010; Unit Head, Finance, Harvard Business School from 2005 to 2006; Senior Associate Dean and Chairman of the MBA Program of Harvard Business School from 1999 to 2005; Member of the faculty of Harvard Business School since 1981; Independent Consultant since 1978. | 99 Funds 97 Portfolios | None |

¹ Directors serve until their resignation, removal or death, or until December 31 of the year in which they turn 72.

² Date shown is the earliest date a person has served for the Funds covered by this annual report. Following the combination of Merrill Lynch Investment Managers, L.P. (MLIM) and BlackRock, Inc. (BlackRock) in September 2006, the various legacy MLIM and legacy BlackRock Fund boards were realigned and consolidated into three new Fund boards in 2007. As a result, although the chart shows certain directors as joining the Funds board in 2007, each director first became a member of the board of other legacy MLIM or legacy BlackRock Funds as follows: Richard E. Cavanagh, 1994; Frank J. Fabozzi, 1988; Kathleen F. Feldstein, 2005; James T. Flynn, 1996; Jerrold B. Harris, 1999; R. Glenn Hubbard, 2004; W. Carl Kester, 1995; and Karen P. Robards, 1998.

**Interested
Directors³**

| | | | | | |
|--|---|-----------------------|---|-------------------------------------|-------------|
| <p>Richard S. Davis 55 East 52nd Street New York, NY 10055 1945</p> | <p>President⁴ and Director</p> | <p>Since 2007</p> | <p>Managing Director, BlackRock, Inc. since 2005; Chief Executive Officer, State Street Research & Management Company from 2000 to 2005; Chairman of the Board of Trustees, State Street Research Mutual Funds from 2000 to 2005.</p> | <p>169 Funds 292 Portfolios</p> | <p>None</p> |
| <p>Henry Gabbay 55 East 52nd Street New York, NY 10055 1947</p> | <p>Director</p> | <p>Since 2007</p> | <p>Consultant, BlackRock, Inc. from 2007 to 2008; Managing Director, BlackRock, Inc. from 1989 to 2007; Chief Administrative Officer, BlackRock Advisors, LLC from 1998 to 2007; President of BlackRock Funds and BlackRock Bond Allocation Target Shares from 2005 to 2007; Treasurer of certain closed-end funds in the BlackRock fund complex from 1989 to 2006.</p> | <p>169 Funds 292 Portfolios</p> | <p>None</p> |

³ Mr. Davis is an interested person, as defined in the Investment Company Act of 1940, of the Funds based on his position with BlackRock, Inc. and its affiliates. Mr. Gabbay is an interested person of the Funds based on his former positions with BlackRock, Inc. and its affiliates as well as his ownership of BlackRock, Inc. and The PNC Financial Services Group, Inc. securities. Directors serve until their resignation, removal or death, or until December 31 of the year in which they turn 72.

⁴ For MFT and MPA.

Officers and Directors (concluded)

| Name, Address and Year of Birth | Position(s) Held with Funds | Length of Time Served | Principal Occupation(s) During Past 5 Years |
|---|---|----------------------------|---|
| Officers¹ | | | |
| Anne Ackerley 55 East 52nd Street New York, NY 10055 1962 | President ² and Chief Executive Officer | Since 2009 ³ | Managing Director of BlackRock, Inc. since 2000; Vice President of the BlackRock-advised funds from 2007 to 2009; Chief Operating Officer of BlackRock's Global Client Group (GCG) since 2009; Chief Operating Officer of BlackRock's US Retail Group from 2006 to 2009; Head of BlackRock's Mutual Fund Group from 2000 to 2006. |
| Brendan Kyne 55 East 52nd Street New York, NY 10055 1977 | Vice President | Since 2009 | Managing Director of BlackRock, Inc. since 2010; Director of BlackRock, Inc. from 2008 to 2009; Head of Product Development and Management for BlackRock's US Retail Group since 2009, Co-head thereof from 2007 to 2009; Vice President of BlackRock, Inc. from 2005 to 2008. |
| Neal Andrews 55 East 52nd Street New York, NY 10055 1966 | Chief Financial Officer | Since 2007 | Managing Director of BlackRock, Inc. since 2006; Senior Vice President and Line of Business Head of Fund Accounting and Administration at PNC Global Investment Servicing (US) Inc. from 1992 to 2006. |
| Jay Fife 55 East 52nd Street New York, NY 10055 1970 | Treasurer | Since 2007 | Managing Director of BlackRock, Inc. since 2007 and Director in 2006; Assistant Treasurer of the Merrill Lynch Investment Managers, L.P. (MLIM) and Fund Asset Management, L.P.-advised funds from 2005 to 2006; Director of MLIM Fund Services Group from 2001 to 2006. |
| Brian Kindelan 55 East 52nd Street New York, NY 10055 1959 | Chief Compliance Officer | Since 2007 | Chief Compliance Officer of the BlackRock-advised funds since 2007; Managing Director and Senior Counsel of BlackRock, Inc. since 2005; Director and Senior Counsel of BlackRock Advisors, LLC from 2001 to 2004. |
| Howard Surloff 55 East 52nd Street New York, NY 10055 1965 | Secretary | Since 2007 | Managing Director and General Counsel of US Funds at BlackRock, Inc. since 2006; General Counsel (US) of Goldman Sachs Asset Management, L.P. from 1993 to 2006. |

¹ Officers of the Funds serve at the pleasure of the Boards.

² For MUC, MUJ, MIY and MJJ.

³ Ms. Ackerley has been President and Chief Executive Officer since 2009 and was Vice President from 2007 to 2009.

Investment

| Advisor | Custodians | Transfer Agent | Auction Agent | Accounting Agent | Legal Counsel |
|---|--|--|--|--|--|
| BlackRock Advisors, LLC Wilmington, DE 19809 | State Street Bank and Trust Company ⁴ Boston, MA 02111 | Common Shares Computershare Trust Company, N.A. ⁴ Providence, RI 02940 | Preferred Shares BNY Mellon Shareowner Services Jersey City, NJ 07310 | State Street Bank and Trust Company Princeton, NJ 08540 | Skadden, Arps, Slate, Meagher & Flom LLP New York, NY 10036 |
| Sub-Advisor BlackRock Investment Management, LLC Plainsboro, NJ 08536 | The Bank of New York Mellon ⁵ New York, NY 10286 | BNY Mellon Shareowner Services ⁵ Jersey City, NJ 07310 | | Independent Registered Public Accounting Firm Deloitte & Touche LLP Princeton, NJ 08540 | Address of the Funds 100 Bellevue Parkway Wilmington, DE 19809 |

⁴ For MPA.

⁵ For MUC, MUJ, MFT, MIY and MJJ.

Effective March 31, 2010, G. Nicholas Beckwith, III, a Director of the Funds, resigned. The Funds Board extends its best wishes to Mr. Beckwith.

ANNUAL REPORT

JULY 31, 2010

61

Additional Information

Board Approvals

On September 1, 2010, the Board of Directors (the **Boards**) of MUC, MUJ, MFT, MIY, MJJ and MPA (the **Funds**) have approved changes to certain investment policies of the Funds.

Historically, under normal market conditions, each Fund has been required to invest at least 80% of its assets in municipal bonds either (i) insured under an insurance policy purchased by the Fund or (ii) insured under an insurance policy obtained by the issuer of the municipal bond or any other party. In September 2008, the Funds adopted an amended investment policy of purchasing only municipal bonds insured by insurance providers with claims-paying abilities rated investment grade at the time of investment (the **Insurance Policy**).

Following the onset of the credit and liquidity crises, the claims-paying ability rating of most of the municipal bond insurance providers has been lowered by the rating agencies. These downgrades have called into question the long-term viability of the municipal bond insurance market, which has the potential to severely limit the ability of BlackRock Advisors, LLC, the Fund's investment advisor (the "**Manager**"), to manage the Funds under the Insurance Policy.

As a result, on September 1, 2010, the Manager recommended, and the Boards approved, the removal of the Insurance Policy. As a result of this investment policy change, the Funds would not be required to dispose of assets currently held within the Funds. The Funds will maintain, and have no current intention to amend, their investment policy of, under normal market conditions, generally investing in municipal obligations rated investment grade at the time of investment.

As each Fund increases the amount of its assets that are invested in municipal obligations that are not insured, the Fund's shareholders will be exposed to the risk of the failure of such securities issuers to pay interest and repay principal and will not have the benefit of protection provided

under municipal bond insurance policies. As a result, shareholders will be more dependent on the analytical ability of the Manager to evaluate the credit quality of issuers of municipal obligations in which the Fund invests. The Boards believe that the amended investment policy is in the best interests of each Fund and its shareholders because it believes that the potential benefits from increased flexibility outweigh the potential increase in risk from the lack of insurance policies provided by weakened insurance providers. Of course, the new investment policy cannot assure that each Fund will achieve its investment objective.

As disclosed in each Fund's prospectus, each Fund is required to provide shareholders 60 days notice of a change to the Insurance Policy. Accordingly, a notice describing the changes discussed above was mailed to shareholders of record as of September 1, 2010. The new investment policy is expected to take effect on November 9, 2010. After the amended policy takes effect, the Manager anticipates that it will gradually reposition each Fund's portfolios over time, and that during such period, each Fund may continue to hold a substantial portion of its assets in insured municipal bonds. At this time, it is uncertain how long it may take to reposition each Fund's portfolio once the amended policy takes effect, and the Funds may continue to be subject to risks associated with investing a substantial portion of their assets in insured municipal bonds until the repositioning is complete. No action is required by shareholders of the Funds in connection with this change.

In connection with this change in non-fundamental policy, each of the Funds will undergo a name change to reflect its new portfolio characteristics. The new names of the Funds will be announced at or prior to the expiration of the 60-day notice period. Each Fund will continue to trade on New York Stock Exchange under its current ticker symbol.

The approved changes will not alter any Fund's investment objective.

Dividend Policy

The Funds' dividend policy is to distribute all or a portion of their net investment income to its shareholders on a monthly basis. In order to provide shareholders with a more stable level of dividend distributions, the Trusts may at times pay out less than the entire amount of net investment income earned in any particular month and may at times in any particular month pay out such accumulated but undistributed income in addition to

net investment income earned in that month. As a result, the dividends paid by the Trusts for any particular month may be more or less than the amount of net investment income earned by the Funds during such month. The Funds' current accumulated but undistributed net investment income, if any, is disclosed in the Statements of Assets and Liabilities, which comprises part of the financial information included in this report.

General Information

On June 10, 2010, BlackRock Advisors, LLC, the Trusts' investment advisor (the Manager), announced that MUJ and MIY each received a demand letter from a law firm on behalf of common shareholders of MUJ and MIY. The demand letters allege that the Manager and officers and Boards of Directors (the Boards) of MUJ and MIY breached their fiduciary duties by redeeming at par certain of MUJ and MIY's Preferred Shares, and demanded that the Boards take action to remedy those alleged breaches. In response to the demand letter, the Boards established a Demand Review Committee (the Committee) of the independent Directors to investigate the claims made in the demand letters with the assistance of

independent counsel. Based upon its investigation, the Committee recommended that the Boards reject the demand specified in the demand letters. After reviewing the findings of the Committee, the Board for each Fund unanimously adopted the Committee's recommendation and unanimously voted to reject the demand.

Electronic Delivery

Electronic copies of most financial reports are available on the Funds' websites or shareholders can sign up for e-mail notifications of quarterly statements, annual and semi-annual reports by enrolling in the Funds' electronic delivery program.

Shareholders Who Hold Accounts with Investment Advisors, Banks or Brokerages:

Please contact your financial advisor to enroll. Please note that not all investment advisors, banks or brokerages may offer this service.

Householding

The Funds will mail only one copy of shareholder documents, including annual and semi-annual reports and proxy statements, to shareholders

62 ANNUAL REPORT

JULY 31, 2010

Additional Information (concluded)

General Information (concluded)

with multiple accounts at the same address. This practice is commonly called "householding" and is intended to reduce expenses and eliminate duplicate mailings of shareholder documents. Mailings of your shareholder documents may be householded indefinitely unless you instruct us otherwise. If you do not want the mailing of these documents to be combined with those for other members of your household, please call (800) 441-7762.

Availability of Quarterly Schedule of Investments

Each Fund files its complete schedule of portfolio holdings with the SEC for the first and third quarters of each fiscal year on Form N-Q. The Funds' Forms N-Q are available on the SEC's website at <http://www.sec.gov> and may also be reviewed and copied at the SEC's Public Reference Room in Washington, DC. Information on the operation of the Public Reference Room may be obtained by calling (800) SEC-0330. Each Fund's Forms

N-Q may also be obtained upon request and without charge by calling (800) 441-7762.

Availability of Proxy Voting Policies and Procedures

A description of the policies and procedures that the Funds use to determine how to vote proxies relating to portfolio securities is available (1) without charge, upon request, by calling (800) 441-7762; (2) at <http://www.blackrock.com>; and (3) on the SEC's website at <http://www.sec.gov>.

Availability of Proxy Voting Record

Information about how the Funds voted proxies relating to securities held in the Funds' portfolios during the most recent 12-month period ended June 30 is available upon request and without charge (1) at <http://www.blackrock.com> or by calling (800) 441-7762 and (2) on the SEC's website at <http://www.sec.gov>.

Fund Certification

The Funds are listed for trading on the New York Stock Exchange (NYSE) and have filed with the NYSE their annual chief executive officer certification regarding compliance with the NYSE's listing standards. The Funds filed

with the Securities and Exchange Commission (SEC) the certification of its chief executive officer and chief financial officer required by section 302

of the Sarbanes-Oxley Act.

Section 19(a) Notices

These reported amounts and sources of distributions are estimates and are not provided for tax reporting purposes. The actual amounts and sources for tax reporting purposes will depend upon each Fund's investment results during the year and may be subject to changes based on tax regulations. Each Fund will provide a Form 1099-DIV for the calendar year that will explain the character of these dividends and distributions for federal income tax purposes.

July 31, 2010

| | Total Cumulative Distributions | | | % Breakdown of the Total Cumulative Distributions for the Fiscal Year | | | | |
|--------|--------------------------------|------------|--------|---|------------|---------|-----------|-----------|
| | for the Fiscal Year | | | for the Fiscal Year | | | | |
| | Net | Net | | Total Per | Net | Net | | Total Per |
| | Investment | Capital | Return | Common | Investment | Capital | Return of | Common |
| Income | Gains | of Capital | Share | Income | Gains | Capital | Share | |
| MUJ | \$0.844500 | \$0.014156 | | \$0.858656 | 98% | 2% | 0% | 100% |
| MJI | \$0.843309 | \$0.100331 | | \$0.943640 | 89% | 11% | 0% | 100% |

BlackRock Privacy Principles

BlackRock is committed to maintaining the privacy of its current and former fund investors and individual clients (collectively, Clients) and to safeguarding their non-public personal information. The following information is provided to help you understand what personal information BlackRock collects, how we protect that information and why in certain cases we share such information with select parties.

If you are located in a jurisdiction where specific laws, rules or regulations require BlackRock to provide you with additional or different privacy-related rights beyond what is set forth below, then BlackRock will comply with those specific laws, rules or regulations.

BlackRock obtains or verifies personal non-public information from and about you from different sources, including the following: (i) information we receive from you or, if applicable, your financial intermediary, on applications, forms or other documents; (ii) information about your transactions with us, our affiliates, or others; (iii) information we receive from a consumer reporting agency; and (iv) from visits to our websites.

BlackRock does not sell or disclose to non-affiliated third parties any non-public personal information about its Clients, except as permitted by law or as is necessary to respond to regulatory requests or to service Client accounts. These non-affiliated third parties are required to protect the

confidentiality and security of this information and to use it only for its intended purpose.

We may share information with our affiliates to service your account or to provide you with information about other BlackRock products or services that may be of interest to you. In addition, BlackRock restricts access to non-public personal information about its Clients to those BlackRock employees with a legitimate business need for the information. BlackRock maintains physical, electronic and procedural safeguards that are designed to protect the non-public personal information of its Clients, including procedures relating to the proper storage and disposal of such information.

ANNUAL REPORT

JULY 31, 2010

63

This report is transmitted to shareholders only. It is not a prospectus. Past performance results shown in this report should not be considered a representation of future performance. The Funds have leveraged their Common Shares, which creates risks for Common

Shareholders, including the likelihood of greater volatility of net asset value and market price of the Common Shares, and the risk that

fluctuations in the short-term dividend rates of the Preferred Shares, currently set at the maximum reset rate as a result of failed auctions, may reduce the Common Shares yield. Statements and other information herein are as dated and are subject to change.

Item 2 Code of Ethics The registrant (or the Fund) has adopted a code of ethics, as of the end of the period covered by this report, applicable to the registrant's principal executive officer, principal financial officer and principal accounting officer, or persons performing similar functions. During the period covered by this report, there have been no amendments to or waivers granted under the code of ethics. A copy of the code of ethics is available without charge at www.blackrock.com.

Item 3 Audit Committee Financial Expert The registrant's board of directors or trustees, as applicable (the board of directors), has determined that (i) the registrant has the following audit committee financial experts serving on its audit committee and (ii) each audit committee financial expert is independent:

Kent Dixon (retired effective December 31, 2009)

Frank J. Fabozzi

James T. Flynn

W. Carl Kester

Karen P. Robards

The registrant's board of directors has determined that W. Carl Kester and Karen P. Robards qualify as financial experts pursuant to Item 3(c)(4) of Form N-CSR.

Prof. Kester has a thorough understanding of generally accepted accounting principles, financial statements and internal control over financial reporting as well as audit committee functions. Prof. Kester has been involved in providing valuation and other financial consulting services to corporate clients since 1978. Prof. Kester's financial consulting services present a breadth and level of complexity of accounting issues that are generally comparable to the breadth and complexity of issues that can reasonably be expected to be raised by the registrant's financial statements.

Ms. Robards has a thorough understanding of generally accepted accounting principles, financial statements and internal control over financial reporting as well as audit committee functions. Ms. Robards has been President of Robards & Company, a financial advisory firm, since 1987. Ms. Robards was formerly an investment banker for more than 10 years where she was responsible for evaluating and assessing the performance of companies based on their financial results. Ms. Robards has over 30 years of experience analyzing financial statements. She also is a member of the audit committee of one publicly held company and a non-profit organization.

Under applicable securities laws, a person determined to be an audit committee financial expert will not be deemed an expert for any purpose, including without limitation for the purposes of Section 11 of the Securities Act of 1933, as a result of being designated or identified as an audit committee financial expert. The designation or identification as an audit committee financial expert does not impose on such person any duties, obligations, or liabilities greater than the duties, obligations, and liabilities imposed on such person as a member of the audit committee and board of directors in the absence of such designation or identification.

Item 4 Principal Accountant Fees and Services

| Entity Name | (a) Audit Fees | | (b) Audit-Related Fees ¹ | | (c) Tax Fees ² | | (d) All Other Fees ³ | |
|--------------------|----------------|-------------|-------------------------------------|-------------|---------------------------|-------------|---------------------------------|-------------|
| | Current | Previous | Current | Previous | Current | Previous | Current | Previous |
| | Fiscal Year | Fiscal Year | Fiscal Year | Fiscal Year | Fiscal Year | Fiscal Year | Fiscal Year | Fiscal Year |
| | End | End | End | End | End | End | End | End |
| BlackRock | | | | | | | | |
| MuniHoldings | | | | | | | | |
| California Insured | \$36,000 | \$28,500 | \$3,500 | \$3,500 | \$6,100 | \$6,100 | \$0 | \$1,028 |
| Fund, Inc. | | | | | | | | |

1 The nature of the services include assurance and related services reasonably related to the performance of the audit of financial statements not included in Audit Fees.

2 The nature of the services include tax compliance, tax advice and tax planning.

3 The nature of the services include a review of compliance procedures and attestation thereto.

(e)(1) Audit Committee Pre-Approval Policies and Procedures:

The registrant's audit committee (the Committee) has adopted policies and procedures with regard to the pre-approval of services. Audit, audit-related and tax compliance services provided to the registrant on an annual basis require specific pre-approval by the Committee. The Committee also must approve other non-audit services provided to the registrant and those non-audit services provided to the registrant's affiliated service providers that relate directly to the operations and the financial reporting of the registrant. Certain of these non-audit services that the Committee believes are a) consistent with the SEC's auditor independence rules and b) routine and recurring services that will not impair the independence of the independent accountants may be approved by the Committee without consideration on a specific case-by-case basis (general pre-approval). The term of any general pre-approval is 12 months from the date of the pre-approval, unless the Committee provides for a different period. Tax or other non-audit services provided to the registrant which have a direct impact on the operation or financial reporting of the registrant will only be deemed pre-approved provided that any individual project does not exceed \$10,000 attributable to the registrant or \$50,000 per project. For this purpose, multiple projects will be aggregated to determine if they exceed the previously mentioned cost levels.

Any proposed services exceeding the pre-approved cost levels will require specific pre-approval by the Committee, as will any other services not subject to general pre-approval (e.g., unanticipated but permissible services). The Committee is informed of each service approved subject to general pre-approval at the next regularly scheduled in-person board meeting. At this meeting, an analysis of such services is presented to the Committee for ratification. The Committee may delegate to the Committee Chairman the authority to approve the provision of and fees for any specific engagement of permitted non-audit services, including services exceeding pre-approved cost levels.

(e)(2) None of the services described in each of Items 4(b) through (d) were approved by the audit committee pursuant to paragraph (c)(7)(i)(C) of Rule 2-01 of Regulation S-X.

(f) Not Applicable

(g) Affiliates Aggregate Non-Audit Fees:

| Entity Name | Current Fiscal Year End | Previous Fiscal Year End |
|-------------|----------------------------|-----------------------------|
| <hr/> | | |

| | | |
|-------------------------------|----------|-----------|
| BlackRock MuniHoldings | \$20,377 | \$413,128 |
| California Insured Fund, Inc. | | |

(h) The registrant's audit committee has considered and determined that the provision of non-audit services that were rendered to the registrant's investment adviser (not including any non-affiliated sub-adviser whose role is primarily portfolio management and is subcontracted with or overseen by the registrant's investment adviser), and any entity controlling, controlled by, or under common control with the investment adviser that provides ongoing services to the registrant that were not pre-approved pursuant to paragraph (c)(7)(ii) of Rule 2-01 of Regulation S-X is compatible with maintaining the principal accountant's independence.

Regulation S-X Rule 2-01(c)(7)(ii) \$10,777, 0%

Item 5 Audit Committee of Listed Registrants

(a) The following individuals are members of the registrant's separately-designated standing audit committee established in accordance with Section 3(a)(58)(A) of the Securities Exchange Act of 1934 (15 U.S.C. 78c(a)(58)(A)):

- Kent Dixon (retired effective December 31, 2009)
- Frank J. Fabozzi
- James T. Flynn
- W. Carl Kester
- Karen P. Robards

(b) Not Applicable

Item 6 Investments

(a) The registrant's Schedule of Investments is included as part of the Report to Stockholders filed under Item 1 of this Form.

(b) Not Applicable due to no such divestments during the semi-annual period covered since the previous Form N-CSR filing.

Item 7 Disclosure of Proxy Voting Policies and Procedures for Closed-End Management Investment Companies The board of directors has delegated the voting of proxies for the Fund securities to the Fund's investment adviser (Investment Adviser) pursuant to the Investment Adviser's proxy voting guidelines. Under these guidelines, the Investment Adviser will vote proxies related to Fund securities in the best interests of the Fund and its stockholders. From time to time, a vote may present a conflict between the interests of the Fund's stockholders, on the one hand, and those of the Investment Adviser, or any affiliated person of the Fund or the Investment Adviser, on the other. In such event, provided that the Investment Adviser's Equity Investment Policy Oversight Committee, or a sub-committee thereof (the Oversight Committee) is aware of the real or potential conflict or material non-routine matter and if the Oversight Committee does not reasonably believe it is able to follow its general voting guidelines (or if the particular proxy matter is not addressed in the guidelines) and vote impartially, the Oversight Committee may retain an independent fiduciary to advise the Oversight Committee on how to vote or to cast votes on behalf of the

Investment Adviser's clients. If the Investment Adviser determines not to retain an independent fiduciary, or does not desire to follow the advice of such independent fiduciary, the Oversight Committee shall determine how to vote the proxy after consulting with the Investment Adviser's Portfolio Management Group and/or the Investment Adviser's Legal

and Compliance Department and concluding that the vote cast is in its client's best interest notwithstanding the conflict. A copy of the Fund's Proxy Voting Policy and Procedures are attached as Exhibit 99.PROXYPOL. Information on how the Fund voted proxies relating to portfolio securities during the most recent 12-month period ended June 30 is available without charge, (i) at www.blackrock.com and (ii) on the SEC's website at <http://www.sec.gov>.

Item 8 Portfolio Managers of Closed-End Management Investment Companies as of July 31, 2010.

(a)(1) The registrant is managed by a team of investment professionals comprised of Theodore R. Jaeckel, Jr., CFA, Managing Director at BlackRock, Inc. and Walter O Connor, Managing Director at BlackRock, Inc. Each is a member of BlackRock, Inc.'s municipal tax-exempt management group. Each is jointly responsible for the day-to-day management of the registrant's portfolio, which includes setting the registrant's overall investment strategy, overseeing the management of the registrant and/or selection of its investments. Messrs. Jaeckel and O Connor have been members of the registrant's portfolio management team since 2006 and 1997, respectively.

| Portfolio Manager | Biography |
|--------------------------|---|
| Theodore R. Jaeckel, Jr. | Managing Director at BlackRock, Inc. since 2006; Managing Director of Merrill Lynch Investment Managers, L.P. (MLIM) from 2005 to 2006; Director of MLIM from 1997 to 2005. |
| Walter O Connor | Managing Director of BlackRock, Inc. since 2006; Managing Director of MLIM from 2003 to 2006; Director of MLIM from 1998 to 2003. |

(a)(2) As of July 31, 2010:

| (i) Name of Portfolio Manager | (ii) Number of Other Accounts Managed and Assets by Account Type | | | (iii) Number of Other Accounts and Assets for Which Advisory Fee is Performance-Based | | |
|----------------------------------|---|--|-------------------|---|--|-------------------|
| | Other Registered Investment Companies | Other Pooled Investment Vehicles | Other Accounts | Other Registered Investment Companies | Other Pooled Investment Vehicles | Other Accounts |
| | Theodore R. Jaeckel, Jr. | 72 \$19.64 Billion | 0 \$0 | 0 \$0 | 0 \$0 | 0 \$0 |
| Walter O Connor | 72 \$19.64 Billion | 0 \$0 | 0 \$0 | 0 \$0 | 0 \$0 | 0 \$0 |

(iv) Potential Material Conflicts of Interest

BlackRock and its affiliates (collectively, herein BlackRock) has built a professional working environment, firm-wide compliance culture and compliance procedures and

systems designed to protect against potential incentives that may favor one account over another. BlackRock has adopted policies and procedures that address the allocation of investment opportunities, execution of portfolio transactions, personal trading by employees and other potential conflicts of interest that are designed to ensure that all client accounts are treated equitably over time. Nevertheless, BlackRock furnishes investment management and advisory services to numerous clients in addition to the Fund, and BlackRock may, consistent with applicable law, make investment recommendations to other clients or

accounts (including accounts which are hedge funds or have performance or higher fees paid to BlackRock, or in which portfolio managers have a personal interest in the receipt of such fees), which may be the same as or different from those made to the Fund. In addition, BlackRock, its affiliates and significant shareholders and any officer, director, stockholder or employee may or may not have an interest in the securities whose purchase and sale BlackRock recommends to the Fund. BlackRock, or any of its affiliates or significant shareholders, or any officer, director, stockholder, employee or any member of their families may take different actions than those recommended to the Fund by BlackRock with respect to the same securities. Moreover, BlackRock may refrain from rendering any advice or services concerning securities of companies of which any of BlackRock's (or its affiliates' or significant shareholders') officers, directors or employees are directors or officers, or companies as to which BlackRock or any of its affiliates or significant shareholders or the officers, directors and employees of any of them has any substantial economic interest or possesses material non-public information. Each portfolio manager also may manage accounts whose investment strategies may at times be opposed to the strategy utilized for a fund. In this connection, it should be noted that a portfolio manager may currently manage certain accounts that are subject to performance fees. In addition, a portfolio manager may assist in managing certain hedge funds and may be entitled to receive a portion of any incentive fees earned on such funds and a portion of such incentive fees may be voluntarily or involuntarily deferred. Additional portfolio managers may in the future manage other such accounts or funds and may be entitled to receive incentive fees.

As a fiduciary, BlackRock owes a duty of loyalty to its clients and must treat each client fairly. When BlackRock purchases or sells securities for more than one account, the trades must be allocated in a manner consistent with its fiduciary duties. BlackRock attempts to allocate investments in a fair and equitable manner among client accounts, with no account receiving preferential treatment. To this end, BlackRock has adopted a policy that is intended to ensure that investment opportunities are allocated fairly and equitably among client accounts over time. This policy also seeks to achieve reasonable efficiency in client transactions and provide BlackRock with sufficient flexibility to allocate investments in a manner that is consistent with the particular investment discipline and client base.

(a)(3) As of July 31, 2010:

Portfolio Manager Compensation Overview

BlackRock's financial arrangements with its portfolio managers, its competitive compensation and its career path emphasis at all levels reflect the value senior management places on key resources. Compensation may include a variety of components and may vary from year to year based on a number of factors. The principal components of compensation include a base salary, a performance-based discretionary bonus, participation in various benefits programs and one or more of the incentive compensation programs established by BlackRock such as its Long-Term Retention and Incentive Plan and Restricted Stock Program.

Base compensation. Generally, portfolio managers receive base compensation based on their seniority and/or their position with the firm. Senior portfolio managers who perform additional management functions within the portfolio management group or within BlackRock may receive additional compensation for serving in these other capacities.

Discretionary Incentive Compensation

Discretionary incentive compensation is a function of several components: the performance of BlackRock, Inc., the performance of the portfolio manager's group within BlackRock, the investment performance, including risk-adjusted returns, of the firm's assets under management or supervision by that portfolio manager relative to predetermined benchmarks, and the individual's seniority, role within the portfolio management team, teamwork and contribution to the overall performance of these portfolios and BlackRock. In most cases, including for the portfolio managers of the Fund, these benchmarks are the same as the benchmark or benchmarks against which the performance of the Fund or other accounts managed by the portfolio managers are measured. BlackRock's Chief Investment Officers determine the benchmarks against which the performance of funds and other accounts managed by each portfolio manager is compared and the period of time over which performance is evaluated. With respect to the portfolio managers, such benchmarks include a combination of market-based indices (e.g., Barclays Capital Municipal Bond Index), certain customized indices and certain fund industry peer groups.

BlackRock's Chief Investment Officers make a subjective determination with respect to the portfolio managers' compensation based on the performance of the funds and other accounts managed by each portfolio manager relative to the various benchmarks noted above. Performance is measured on both a pre-tax and after-tax basis over various time periods including 1, 3, 5 and 10-year periods, as applicable.

Distribution of Discretionary Incentive Compensation

Discretionary incentive compensation is distributed to portfolio managers in a combination of cash and BlackRock, Inc. restricted stock units which vest ratably over a number of years. The BlackRock, Inc. restricted stock units, if properly vested, will be settled in BlackRock, Inc. common stock. Typically, the cash bonus, when combined with base salary, represents more than 60% of total compensation for the portfolio managers. Paying a portion of annual bonuses in stock puts compensation earned by a portfolio manager for a given year at risk based on BlackRock's ability to sustain and improve its performance over future periods.

Long-Term Retention and Incentive Plan (LTIP) From time to time long-term incentive equity awards are granted to certain key employees to aid in retention, align their interests with long-term shareholder interests and motivate performance. Equity awards are generally granted in the form of BlackRock, Inc. restricted stock units that, once vested, settle in BlackRock, Inc. common stock. Messrs. Jaeckel and O'Connor have each received awards under the LTIP.

Deferred Compensation Program A portion of the compensation paid to eligible BlackRock employees may be voluntarily deferred into an account that tracks the performance of certain of the firm's investment products. Each participant in the deferred compensation program is permitted to allocate his deferred amounts among the various investment options. Messrs. Jaeckel and O'Connor have each participated in the deferred compensation program.

Other compensation benefits. In addition to base compensation and discretionary incentive compensation, portfolio managers may be eligible to receive or participate in one or more of the following:

Incentive Savings Plans BlackRock, Inc. has created a variety of incentive savings plans in which BlackRock employees are eligible to participate, including a

401(k) plan, the BlackRock Retirement Savings Plan (RSP), and the BlackRock Employee Stock Purchase Plan (ESPP). The employer contribution components of the RSP include a company match equal to 50% of the first 6% of eligible pay contributed to the plan capped at \$4,000 per year, and a company retirement contribution equal to 3-5% of eligible compensation. The RSP offers a range of investment options, including registered investment companies managed by the firm. BlackRock contributions follow the investment direction set by participants for their own contributions or, absent employee investment direction, are invested into a balanced portfolio. The ESPP allows for investment in BlackRock common stock at a 5% discount on the fair market value of the stock on the purchase date. Annual participation in the ESPP is limited to the purchase of 1,000 shares or a dollar value of \$25,000. Each portfolio manager is eligible to participate in these plans.

(a)(4) *Beneficial Ownership of Securities* As of July 31, 2010.

| Portfolio Manager | Dollar Range of Equity Securities Beneficially Owned |
|--------------------------|---|
| Theodore R. Jaeckel, Jr. | None |
| Walter O Connor | None |

(b) Not Applicable

Item 9 Purchases of Equity Securities by Closed-End Management Investment Company and Affiliated Purchasers Not Applicable due to no such purchases during the period covered by this report.

Item 10 On September 17, 2010, the Board of Directors of the Fund amended and restated in its entirety the bylaws of the Fund (the "Amended and Restated Bylaws"). The Amended and Restated Bylaws were deemed effective as of September 17, 2010 and set forth, among other things, the processes and procedures that shareholders of the Fund must follow, and specifies additional information that shareholders of the Fund must provide, when proposing director nominations at any annual meeting or special meeting in lieu of an annual meeting or other business to be considered at an annual meeting or special meeting.

Item 11 Controls and Procedures

11(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)) are effective as of a date within 90 days of the filing of this report based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) under the Securities Exchange Act of 1934, as amended.

11(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) that occurred during the second fiscal quarter of the period covered by this report that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 12 Exhibits attached hereto

12(a)(1) Code of Ethics See Item 2

12(a)(2) Certifications Attached hereto

12(a)(3) Not Applicable

12(b) 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.

BlackRock MuniHoldings California Insured Fund, Inc.

By: /s/ Anne F. Ackerley

Anne F. Ackerley

Chief Executive Officer of

BlackRock MuniHoldings California Insured Fund, Inc.

Date: October 6, 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: /s/ Anne F. Ackerley

Anne F. Ackerley

Chief Executive Officer (principal executive officer) of

BlackRock MuniHoldings California Insured Fund, Inc.

Date: October 6, 2010

By: /s/ Neal J. Andrews

Neal J. Andrews

Chief Financial Officer (principal financial officer) of

BlackRock MuniHoldings California Insured Fund, Inc.

Date: October 6, 2010
