

BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC.

Form N-CSR

October 03, 2012

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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 Quality Fund, Inc. (MUC)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock

MuniHoldings California Quality 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: 07/31/2012

Date of reporting period: 07/31/2012

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Item 1 Report to Stockholders

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July 31, 2012

Annual Report

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Not FDIC Insured No Bank Guarantee May Lose Value

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Dear Shareholder

About this time one year ago, financial markets fell into turmoil, triggered by Standard & Poor's historic downgrade of US government debt. Since then, asset prices have continued to move broadly in risk-on rallies and risk-off retreats driven by macro-level concerns, primarily the sovereign debt crisis in Europe and uncertainty about global economic growth.

Equity markets crumbled in the third quarter of 2011 as fearful investors fled riskier assets in favor of traditionally safe investments including US Treasuries and gold. In October, however, improving economic data and more concerted efforts among European leaders toward stemming the region's debt crisis drew investors back to the markets. Improving sentiment carried over into early 2012 as investors saw some relief from the world's financial woes. Volatility abated and risk assets (including stocks, commodities and high yield bonds) moved boldly higher through the first two months of 2012 while climbing Treasury yields pressured higher-quality fixed income assets.

Markets reversed course in the spring when Europe's debt problems boiled over once again. High levels of volatility returned as political instability in Greece threatened the country's membership in the euro zone. Spain faced severe deficit issues while the nation's banks clamored for liquidity. Yields on Spanish and Italian government debt rose to levels deemed unsustainable. European leaders conferred and debated vehemently over the need for fiscal integration among the 17 nations comprising the euro currency bloc as a means to resolve the crisis for the long term.

Alongside the drama in Europe, investors were discouraged by gloomy economic reports from various parts of the world. A slowdown in China, a key powerhouse for global growth, became particularly worrisome. In the United States, disappointing jobs reports dealt a crushing blow to sentiment. Risk assets sold off in the second quarter as investors again retreated to safe haven assets.

The summer brought a modest rebound in most asset classes. However, financial markets continued to swing sharply in both directions as investors reacted to mixed economic data as well as comments and policy actions or lack of action from central banks around the globe.

On the whole, higher quality investments outperformed riskier asset classes for the 12 months ended July 31, 2012 as investors continued to focus on safety. US Treasury bonds delivered the strongest returns, followed by tax-exempt municipal bonds. Some higher-risk investments, including US large-cap stocks and corporate bonds, managed to post gains for the one-year period, and while US small-cap stocks generated a slight gain for the 12-month period, they posted a marginal loss for the last 6 months. International and emerging equities, which experienced significant downturns in 2011, lagged other asset classes amid ongoing global uncertainty. US large-cap stocks and high yield bonds rallied higher in recent months as many investors increased their appetite for risk. Continued low short-term interest rates kept yields on money market securities near their all-time lows.

We know that investors continue to face a world of uncertainty and highly volatile markets, but we also believe these challenging times present many opportunities. We remain committed to working with you and your financial professional to identify actionable ideas for your portfolio. We encourage you to visit www.blackrock.com/newworld for more information.

Sincerely,

Rob Kapito

President, BlackRock Advisors, LLC

We know that investors continue to face a world of uncertainty and highly volatile markets, but we also believe these challenging times present many opportunities.

Rob Kapito

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President, BlackRock Advisors, LLC

Total Returns as of July 31, 2012

	6-month	12-month
US large cap equities (S&P 500® Index)	6.25%	9.13%
US small cap equities (Russell 2000® Index)	(0.03)	0.19
International equities (MSCI Europe, Australasia, Far East Index)	(1.15)	(11.45)
Emerging market equities (MSCI Emerging Markets Index)	(4.83)	(13.93)
3-month Treasury bill (BofA Merrill Lynch 3-Month US Treasury Bill Index)	0.05	0.07
US Treasury securities (BofA Merrill Lynch 10-Year US Treasury Index)	4.31	15.58
US investment grade bonds (Barclays US Aggregate Bond Index)	2.88	7.25
Tax-exempt municipal bonds (S&P Municipal Bond Index)	3.22	10.70
US high yield bonds (Barclays US Corporate High Yield 2% Issuer Capped Index)	6.05	8.00

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

THIS PAGE NOT PART OF YOUR FUND REPORT

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Municipal Market Overview

For the 12-Month Period Ended July 31, 2012

One year ago, the municipal bond market was rebounding from a prolonged weak period stemming from events in the fourth quarter of 2010. Municipals had suffered severe losses in late 2010 amid a steepening US Treasury yield curve, political uncertainty and a flood of inflated headlines about municipal finance troubles. A significant supply-demand imbalance had developed by the end of the year, leading to wider quality spreads and higher yields for municipal bonds heading into 2011.

Having lost confidence in municipals, retail investors retreated from the market, resulting in municipal mutual fund outflows totaling \$35.1 billion from the middle of November 2010 until the trend finally broke in June 2011. However, weak demand in the first half of 2011 was counterbalanced by lower supply. According to Thomson Reuters, total new issuance was down 32% in 2011 as compared to the prior year.

On August 5, 2011, Standard & Poor's (S&P) downgraded the US government's credit rating from AAA to AA+. While this led to the downgrade of approximately 11,000 municipal issues directly tied to the US debt rating, this represented a very small fraction of the municipal market and said nothing about the individual municipal credits themselves. In fact, demand for municipal bonds increased as severe volatility in US equities drove investors to more stable asset classes. The municipal market benefited from an exuberant Treasury market and continued muted new issuance. As supply remained constrained, demand from both traditional and non-traditional buyers was strong, pushing long-term municipal bond yields lower and sparking a curve-flattening trend that continued through year end. Ultimately, 2011 was one of the strongest performance years in municipal market history. The S&P Municipal Bond Index returned 10.62% in 2011, making municipal bonds a top-performing fixed income asset class for the year.

Strong demand carried over into 2012 as investors continued to search for yield in a low-rate environment. Municipal market supply-and-demand technicals typically strengthen considerably upon the conclusion of tax season as net negative supply takes hold. This theme remained intact for 2012. In the spring, a resurgence of concerns about Europe's financial crisis and weakening US economic data drove municipal bond yields lower and prices higher as investors were drawn to the asset class for its relatively low volatility in addition to the income and capital preservation it offers. The S&P Municipal Bond Index has gained 5.75% year-to-date.

Overall, the municipal yield curve flattened during the period from July 29, 2011 to July 31, 2012. As measured by Thomson Municipal Market Data, yields declined by 151 basis points (bps) to 2.84% on AAA-rated 30-year municipal bonds and by 101 bps to 1.66% on 10-year bonds, while yields on 5-year issues fell 51 bps to 0.65%. While the entire municipal curve flattened over the 12-month time period, the spread between 2- and 30-year maturities tightened by 140 bps, and in the 2- to 10-year range, the spread tightened by 90 bps.

The fundamental picture for municipalities continues to improve. Austerity has been the general theme across the country as states set their budgets, although a small number of states continue to rely on a kick-the-can approach to close their budget gaps, using aggressive revenue projections and accounting gimmicks. It has been over a year and a half since the fiscal problems plaguing state and local governments first became highly publicized. Thus far, the prophecy of widespread defaults across the municipal market has not materialized. Through the first half of 2012, approximately \$1.07 billion in par value of municipal bonds have entered into debt service default for the first time. This represents only 0.540% of total issuance for that period and 0.029% of total municipal bonds outstanding, as compared to 0.065% for the full year 2011. (Data provided by Bank of America Merrill Lynch.) BlackRock maintains the view that municipal bond defaults will remain in the periphery and the overall market is fundamentally sound. We continue to recognize that careful credit research and security selection remain imperative amid uncertainty in this economic environment.

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

Table of Contents**Fund Summary** as of July 31, 2012**BlackRock MuniHoldings California Quality Fund, Inc.****Fund Overview**

BlackRock MuniHoldings California Quality 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. 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, 2012, the Fund returned 32.27% based on market price and 22.26% based on net asset value (NAV). For the same period, the closed-end Lipper California Municipal Debt Funds category posted an average return of 30.47% based on market price and 21.65% based on NAV. All returns reflect reinvestment of dividends. The Fund s discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. The Fund s long duration posture (sensitivity to interest rate movements) had a positive impact on performance as interest rates generally declined amid the investor flight-to-quality in the US Treasury market. Leverage achieved through the use of tender option bonds while the municipal yield curve was historically steep boosted returns. The Fund s holdings of higher quality essential service revenue bonds contributed positively, as did holdings of select general obligation bonds and school district credits with stronger underlying fundamentals. Investments in the health, education, transportation and utilities sectors were particularly strong contributors. Additionally, purchases of zero-coupon bonds deemed undervalued added to the Fund s total return. The Fund used US Treasury financial futures contracts to hedge against rising interest rates. These positions had a modestly negative impact on returns as interest rates declined over 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 New York Stock Exchange (NYSE)	MUC
Initial Offering Date	February 27, 1998
Yield on Closing Market Price as of July 31, 2012 (\$16.36) ¹	5.79%
Tax Equivalent Yield ²	8.91%
Current Monthly Distribution per Common Share ³	\$0.0790
Current Annualized Distribution per Common Share ³	\$0.9480
Economic Leverage as of July 31, 2012 ⁴	40%

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 Variable Rate Muni Term Preferred Shares (VMTP 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 VMTP 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 11.

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

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

	7/31/12	7/31/11	Change	High	Low
Market Price	\$ 16.36	\$ 13.15	24.41%	\$ 16.58	\$ 12.90
Net Asset Value	\$ 16.41	\$ 14.27	15.00%	\$ 16.44	\$ 14.27

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

Sector Allocations

	7/31/12	7/31/11
County/City/Special District/School District	34%	37%
Utilities	26	30
Education	13	11
Transportation	11	12
Health	9	4
State	7	2
Corporate	⁵	4

⁵ Representing less than 1% of the Fund's long-term investments.

Credit Quality Allocations⁶

	7/31/12	7/31/11
AAA/Aaa	8%	5%
AA/Aa	75	64
A	16	17
BBB/Baa	⁵	5
Not Rated	1 ⁷	9

⁶ Using the higher of S&P's or Moody's Investors Service (Moody's) ratings.

⁷ The investment advisor has deemed certain of these non-rated securities to be of investment grade quality. As of July 31, 2012, the market value of these securities was \$14,904,825, representing 1% of the Fund's long-term investments.

Table of Contents**Fund Summary** as of July 31, 2012**BlackRock MuniHoldings New Jersey Quality Fund, Inc.****Fund Overview**

BlackRock MuniHoldings New Jersey Quality 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 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, 2012, the Fund returned 23.76% based on market price and 18.96% based on NAV. For the same period, the closed-end Lipper New Jersey Municipal Debt Funds category posted an average return of 30.62% based on market price and 18.72% based on NAV. All returns reflect reinvestment of dividends. The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. Over the one-year period, the Fund benefited from the declining interest rate environment (bond prices rise as interest rates fall), the flattening of the yield curve (long interest rates fell more than short and intermediate rates) and tightening of credit spreads. The Fund's exposure to zero-coupon bonds and the health sector had a positive impact on performance as these holdings derived the greatest benefit from the decline in interest rates and spread tightening during the period. The Fund's strategy for hedging interest rate risk was a modest detractor from performance as the Fund held a short position in US Treasury futures while rates generally declined.

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, 2012 (\$16.05) ¹	5.53%
Tax Equivalent Yield ²	8.51%
Current Monthly Distribution per Common Share ³	\$0.0740
Current Annualized Distribution per Common Share ³	\$0.8880
Economic Leverage as of July 31, 2012 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 distribution rate is not constant and is subject to change.

⁴ Represents Variable Rate Demand Preferred Shares (VRDP Shares) and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP 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 11.

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

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	7/31/12	7/31/11	Change	High	Low
Market Price	\$ 16.05	\$ 13.74	16.81%	\$ 16.23	\$ 13.51
Net Asset Value	\$ 16.54	\$ 14.73	12.29%	\$ 16.60	\$ 14.73

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

Sector Allocations

	7/31/12	7/31/11
State	28%	31%
Transportation	21	19
Education	15	12
County/City/Special District/School District	11	14
Health	10	11
Utilities	7	5
Housing	5	6
Corporate	2	1
Tobacco	1	1

Credit Quality Allocations⁵

	7/31/12	7/31/11
AAA/Aaa	10%	11%
AA/Aa	49	45
A	29	30
BBB/Baa	11	14
Not Rated ⁶	1	

⁵ Using the higher of S&P's or 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, 2012 and July 31, 2011, the market value of these securities was \$4,204,720, representing 1%, and \$10,031, representing less than 1%, respectively, of the Fund's long-term investments.

Table of Contents**Fund Summary** as of July 31, 2012**BlackRock MuniYield Investment Quality Fund****Fund Overview**

BlackRock MuniYield Investment Quality 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. 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, 2012, the Fund returned 32.43% based on market price and 24.51% based on NAV. For the same period, the closed-end Lipper General & Insured Municipal Debt Funds (Leveraged) category posted an average return of 29.37% based on market price and 20.77% based on NAV. All returns reflect reinvestment of dividends. The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. The Fund's long duration posture (greater sensitivity to interest rates) contributed positively to performance as the yield curve flattened (i.e., longer-term interest rates fell more than shorter rates) and bond prices moved higher on the long end of the municipal curve. The Fund's longer-dated holdings in the health, transportation and utilities sectors experienced the best price appreciation. The Fund used US Treasury financial futures contracts as a means of hedging interest rate risk. These positions had a slight negative impact on results as interest rates declined over 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	MFT
Initial Offering Date	October 30, 1992
Yield on Closing Market Price as of July 31, 2012 (\$15.47) ¹	5.51%
Tax Equivalent Yield ²	8.48%
Current Monthly Distribution per Common Share ³	\$0.0710
Current Annualized Distribution per Common Share ³	\$0.8520
Economic Leverage as of July 31, 2012 ⁴	40%

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 VMTP Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VMTP 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 11.

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

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

	7/31/12	7/31/11	Change	High	Low
Market Price	\$ 15.47	\$ 12.39	24.86%	\$ 15.60	\$ 12.05
Net Asset Value	\$ 15.73	\$ 13.40	17.39%	\$ 15.80	\$ 13.40

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

Sector Allocations

	7/31/12	7/31/11
Utilities	24%	30%
County/City/Special District/School District	21	23
Transportation	18	18
State	15	9
Health	12	13
Education	8	3
Housing	1	3
Tobacco	1	1

Credit Quality Allocations⁵

	7/31/12	7/31/11
AAA/Aaa	15%	8%
AA/Aa	66	69
A	17	13
BBB/Baa	1	4
Not Rated	1 ⁶	6

⁵ Using the higher of S&P's or 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, 2012, the market value of these securities was \$2,511,082, representing 1% of the Fund's long-term investments.

Table of Contents**Fund Summary** as of July 31, 2012**BlackRock MuniYield Michigan Quality Fund, Inc.****Fund Overview**

BlackRock MuniYield Michigan Quality 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. 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, 2012, the Fund returned 27.46% based on market price and 17.60% based on NAV. For the same period, the closed-end Lipper Michigan Municipal Debt Funds category posted an average return of 23.86% based on market price and 17.29% based on NAV. All returns reflect reinvestment of dividends. The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. Over the one-year period, the Fund benefited from the declining interest rate environment (bond prices rise as interest rates fall), the flattening of the yield curve (long interest rates fell more than short and intermediate rates) and tightening of credit spreads. The Fund's exposure to zero-coupon bonds and the health sector had a positive impact on performance as these holdings derived the greatest benefit from the decline in interest rates and spread tightening during the period. The Fund's strategy for hedging interest rate risk was a modest detractor from performance as the Fund held a short position in US Treasury futures while rates generally declined.

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Fund Information

Symbol on NYSE	MIY
Initial Offering Date	October 30, 1992
Yield on Closing Market Price as of July 31, 2012 (\$16.05) ¹	5.72%
Tax Equivalent Yield ²	8.80%
Current Monthly Distribution per Common Share ³	\$0.0765
Current Annualized Distribution per Common Share ³	\$0.9180
Economic Leverage as of July 31, 2012 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 distribution rate is not constant and is subject to change.

⁴ Represents VRDP Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP 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 11.

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

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	7/31/12	7/31/11	Change	High	Low
Market Price	\$ 16.05	\$ 13.39	19.87%	\$ 16.08	\$ 12.97
Net Asset Value	\$ 16.18	\$ 14.63	10.59%	\$ 16.23	\$ 14.63

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

Sector Allocations

	7/31/12	7/31/11
County/City/Special District/School District	26%	29%
Health	17	13
State	15	9
Utilities	14	16
Education	11	8
Transportation	8	10
Housing	5	5
Corporate	4	10

Credit Quality Allocations⁵

	7/31/12	7/31/11
AAA/Aaa	2%	3%
AA/Aa	69	67
A	25	27
BBB/Baa	3	2
Not Rated ⁶	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, 2012 and July 31, 2011, the market value of these securities was \$1,117,114, representing less than 1%, and \$1,064,957, representing 1%, respectively, of the Fund's long-term investments.

Table of Contents**Fund Summary** as of July 31, 2012**BlackRock MuniYield New Jersey Quality Fund, Inc.****Fund Overview**

BlackRock MuniYield New Jersey Quality Fund, Inc.'s (MJI) (the Fund) 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. 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, 2012, the Fund returned 31.42% based on market price and 19.32% based on NAV. For the same period, the closed-end Lipper New Jersey Municipal Debt Funds category posted an average return of 30.62% based on market price and 18.72% based on NAV. All returns reflect reinvestment of dividends. The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. Over the one-year period, the Fund benefited from the declining interest rate environment (bond prices rise as interest rates fall), the flattening of the yield curve (long interest rates fell more than short and intermediate rates) and tightening of credit spreads. The Fund's exposure to zero-coupon bonds and the health sector had a positive impact on performance as these holdings derived the greatest benefit from the decline in interest rates and spread tightening during the period. The Fund's strategy for hedging interest rate risk was a modest detractor from performance as the Fund held a short position in US Treasury futures while rates generally declined.

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Fund Information

Symbol on NYSE	MJI
Initial Offering Date	October 30, 1992
Yield on Closing Market Price as of July 31, 2012 (\$16.31) ¹	5.30%
Tax Equivalent Yield ²	8.15%
Current Monthly Distribution per Common Share ³	\$0.0720
Current Annualized Distribution per Common Share ³	\$0.8640
Economic Leverage as of July 31, 2012 ⁴	35%

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 VRDP Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP 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 11.

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

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	7/31/12	7/31/11	Change	High	Low
Market Price	\$ 16.31	\$ 13.16	23.94%	\$ 17.25	\$ 12.91
Net Asset Value	\$ 16.35	\$ 14.53	12.53%	\$ 16.41	\$ 14.53

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

Sector Allocations

	7/31/12	7/31/11
State	24%	27%
Transportation	20	12
Education	19	17
County/City/Special District/School District	9	14
Utilities	9	9
Health	9	10
Housing	6	7
Corporate	3	3
Tobacco	1	1

Credit Quality Allocations⁵

	7/31/12	7/31/11
AAA/Aaa	6%	10%
AA/Aa	47	44
A	33	33
BBB/Baa	13	10
Not Rated ⁶	1	3

⁵ Using the higher of S&P's or 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, 2012 and July 31, 2011, the market value of these securities was \$577,452, representing less than 1%, and \$3,124,559, representing 3%, respectively, of the Fund's long-term investments.

Table of Contents**Fund Summary** as of July 31, 2012**BlackRock MuniYield Pennsylvania Quality Fund****Fund Overview**

BlackRock MuniYield Pennsylvania Quality 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. 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, 2012, the Fund returned 21.53% based on market price and 17.34% based on NAV. For the same period, the closed-end Lipper Pennsylvania Municipal Debt Funds category posted an average return of 25.17% based on market price and 17.29% based on NAV. All returns reflect reinvestment of dividends. The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV. During the period, municipal bond prices generally rose as the yield curve flattened and credit spreads tightened. Given these market conditions, the Fund's exposure to longer maturity bonds and lower-quality investment grade bonds had a significant positive impact on the Fund's performance for the period. The Fund used US Treasury financial futures contracts to hedge against rising interest rates. These positions had a modestly negative impact on performance as interest rates declined over 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
Initial Offering Date	October 30, 1992
Yield on Closing Market Price as of July 31, 2012 (\$15.98) ¹	5.56%
Tax Equivalent Yield ²	8.55%
Current Monthly Distribution per Common Share ³	\$0.0740
Current Annualized Distribution per Common Share ³	\$0.8880
Economic Leverage as of July 31, 2012 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 VRDP Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP 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 11.

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

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	7/31/12	7/31/11	Change	High	Low
Market Price	\$ 15.98	\$ 13.94	14.63%	\$ 17.42	\$ 13.76
Net Asset Value	\$ 16.57	\$ 14.97	10.69%	\$ 16.62	\$ 14.97

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

Sector Allocations

	7/31/12	7/31/11
County/City/Special District/School District	21%	30%
State	20	16
Health	15	14
Transportation	13	12
Education	12	8
Utilities	9	13
Housing	5	3
Corporate	5	4

Credit Quality Allocations⁵

	7/31/12	7/31/11
AAA/Aaa	1%	
AA/Aa	77	79%
A	15	17
BBB/Baa	4	4
Not Rated	3 ⁶	

⁵ Using the higher of S&P's or 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, 2012, the market value of these securities was \$544,175, representing less than 1% of the Fund's long-term investments.

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The Benefits and Risks of Leveraging

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

To obtain leverage, the Funds issue Variable Rate Demand Preferred Shares (VRDP Shares) or Variable Rate Muni Term Preferred Shares (VMTP Shares) and previously issued and had outstanding Auction Market Preferred Shares (AMPS) (VRDP Shares, VMTP Shares, and as applicable AMPS, are collectively referred to as Preferred Shares). Preferred Shares pay dividends at prevailing short-term interest rates, and the Funds 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, which will be based on short-term interest rates, will normally 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 shareholders will benefit from the incremental net income.

The interest earned on securities purchased with the proceeds from leverage is paid to shareholders in the form of dividends, and the value of these portfolio holdings is reflected in the per share NAV. However, in order to benefit shareholders, the yield curve must be positively sloped; that is, short-term interest rates must be lower than long-term interest rates. If the yield curve becomes negatively sloped, meaning short-term interest rates exceed long-term interest rates, income to shareholders will be lower than if the Funds had not used leverage.

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 Preferred Shares issuance earn income based on long-term interest rates. In this case, the dividends paid to holders of Preferred Shares (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 will be reduced or eliminated completely. Furthermore, if prevailing short-term interest rates rise above long-term interest rates, the yield curve has a negative slope. In this case, the Fund pays 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 Funds' 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 Funds' Preferred Shares does not fluctuate in relation to interest rates. As a result, changes in interest rates can

influence the Funds' NAVs 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 TOBs, 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 income 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' NAVs, market prices and dividend rates than comparable portfolios 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, each Fund's 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 rating agencies that rate the 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

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Shareholders and may reduce income to the Common Shares.

Under the Investment Company Act of 1940, as amended (the "1940 Act"), the Funds are permitted to issue senior securities in the form of equity securities (e.g., Preferred Shares) up to 50% of their total managed assets (each Fund's total assets less the sum of its accrued liabilities). In addition, each Fund voluntarily limits its economic leverage to 45% of its total managed assets for Funds with VRDP Shares or VMTP Shares. As of July 31, 2012, the Funds had economic leverage from Preferred Shares and/or TOBs as a percentage of their total managed assets as follows:

	Percent of Economic Leverage
MUC	40%
MUJ	37%
MFT	40%
MIY	37%
MJI	35%
MPA	38%

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Derivative Financial Instruments

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

financial instrument successfully depends on the investment advisor's ability to predict pertinent market movements accurately, which cannot be assured. The use of derivative financial instruments may result in losses greater than if they had not been used, may require a Fund to sell or purchase portfolio investments 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 an investment that it might otherwise sell. The Funds' investments in these instruments are discussed in detail in the Notes to Financial Statements.

Table of Contents**Schedule of Investments** July 31, 2012**BlackRock MuniHoldings California Quality Fund, Inc. (MUC)**

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
California 105.1%		
Corporate 0.6%		
California Pollution Control Financing Authority, Refunding RB, AMT, 5.00%, 7/01/27	\$ 1,000	\$ 1,070,110
City of Chula Vista California, Refunding RB, San Diego Gas & Electric, Series A, 5.88%, 2/15/34	2,435	2,874,396
		3,944,506
County/City/Special District/School District 25.5%		
Centinela Valley Union High School District, GO, Election of 2010, Series A, 5.75%, 8/01/41	9,000	10,643,310
Chabot-Las Positas Community College District, GO, CAB, Series C (AMBAC), 5.31%, 8/01/37 (a)	11,980	3,234,241
City of Garden Grove California, COP, Series A, Financing Project (AMBAC), 5.50%, 3/01/26	4,040	4,095,510
Colton Joint Unified School District, GO, Series A (NPPGC), 5.38%, 8/01/26	2,500	2,550,000
County of Kern California, COP, Capital Improvements Projects, Series A (AGC), 6.00%, 8/01/35	3,500	4,102,385
Covina-Valley Unified School District California, GO, Refunding, Series A (AGM), 5.50%, 8/01/26	2,395	2,418,950
Culver City Redevelopment Finance Authority California, Tax Allocation Bonds, Refunding, Series A (AGM), 5.60%, 11/01/25	3,750	3,762,900
Desert Community College District, GO, CAB, Election of 2004, Series C (AGM), 5.48%, 8/01/46 (a)	5,000	794,550
Grossmont Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/40	2,000	2,454,460
Grossmont-Cuyamaca Community College District, GO, Refunding, CAB, Election of 2002, Series C (AGC), 4.74%, 8/01/30 (a)	11,225	4,834,495
Los Angeles Community College District California, GO, Election of 2003, Series F-1, 5.00%, 8/01/33	2,500	2,823,925
Los Angeles Community Redevelopment Agency California, RB, Bunker Hill Project, Series A (AGM), 5.00%, 12/01/27	7,000	7,547,680
Merced Union High School District, GO, CAB, Election of 2008, Series C (a):		
5.17%, 8/01/33	2,500	855,900
5.22%, 8/01/36	4,100	1,189,246
Orange County Sanitation District, COP, Series A, 5.00%, 2/01/35	2,500	2,816,875
Oxnard Union High School District, GO, Refunding, Election of 2004, Series A (AGM), 5.00%, 8/01/35	10,000	11,201,700
Port of Oakland, Refunding RB, Series M (FGIC), 5.38%, 11/01/27	18,000	18,141,300
	Par (000)	Value
Municipal Bonds		
California (continued)		
County/City/Special District/School District (concluded)		
Redlands Unified School District California, GO, Election of 2008 (AGM), 5.25%, 7/01/33	\$ 5,000	\$ 5,605,600
Rio Hondo Community College District, GO, CAB, Election of 2004, Series C, 4.94%, 8/01/36 (a)	16,650	5,159,002
San Bernardino Community College District, GO: Election of 2002, Series A, 6.25%, 8/01/33	310	372,294
CAB, Election of 2008, Series B, 5.12%, 8/01/44 (a)	7,665	1,520,276
San Diego Regional Building Authority, RB, County Operations Center & Annex, Series A, 5.50%, 2/01/29	900	1,030,833
San Jose Financing Authority, RB, Convention Center: 5.75%, 5/01/36	2,560	2,871,552
5.75%, 5/01/42	4,500	5,227,740
Civic Center Project, Series B, (AMBAC), 5.00%, 6/01/32	14,800	14,847,212
Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC), 5.75%, 9/01/38	5,635	6,500,536
Ventura County Community College District, GO, Election of 2002, Series C, 5.50%, 8/01/33	5,000	5,947,450
Vista Unified School District California, GO, Series A (AGM), 5.25%, 8/01/25	10,000	10,035,500
West Contra Costa County Unified School District California, GO, Election of 2005, Series A (AGM), 5.00%, 8/01/35	10,000	10,805,400
West Contra Costa Unified School District California, GO: Election of 2002, Series B, (AGM), 5.00%, 8/01/32	6,690	6,690,000

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Election of 2010, Series A, 5.25%, 8/01/41	5,390	6,139,641
Westminster Redevelopment Agency California, Tax Allocation Bonds, Subordinate, Commercial Redevelopment Project No. 1 (AGC), 6.25%, 11/01/39	4,300	5,225,188
		171,445,651
Education 9.3%		
Anaheim City School District California, GO, Election of 2010 (AGM) 6.25%, 8/01/40	3,750	4,600,425
California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42	2,500	2,949,250
Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31	2,170	2,639,046
5.75%, 8/01/35	8,400	10,217,592
Riverside Community College District, GO, Election of 2004, Series C (AGM), 5.00%, 8/01/32	8,750	9,939,562

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 to the following list:

AGC	Assured Guaranty Corp.
AGM	Assured Guaranty Municipal Corp.
AMBAC	American Municipal Bond Assurance Corp.
AMT	Alternative Minimum Tax (subject to)
ARB	Airport Revenue Bonds
BHAC	Berkshire Hathaway Assurance Corp.
CAB	Capital Appreciation Bonds
COP	Certificates of Participation
EDA	Economic Development Authority
EDC	Economic Development Corp.
ERB	Education Revenue Bonds
Fannie Mae	Federal National Mortgage-Association
GAB	Grant Anticipation Bonds
GARB	General Airport Revenue Bonds
Ginnie Mae	Government National Mortgage-Association
GO	General Obligation Bonds
HDA	Housing Development Authority
HFA	Housing Finance Agency
HRB	Housing Revenue Bonds
IDB	Industrial Development Board
ISD	Independent School District
M/F	Multi-Family
NPFGC	National Public Finance Guarantee Corp.
PSF-GTD	Permanent School Fund Guarantee
Q-SBLF	Qualified School Bond Loan Fund
Radian	Radian Financial Guaranty
RB	Revenue Bonds
S/F	Single-Family
Syncora	Syncora Guarantee

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock MuniHoldings California Quality Fund, Inc. (MUC)**

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
California (continued)		
Education (concluded)		
San Diego Community College District, GO, Election of 2006 (AGM), 5.00%, 8/01/30	\$ 8,000	\$ 8,966,480
San Jose Evergreen Community College District, GO, Election of 2010, Series A, 5.00%, 8/01/41	5,975	6,834,205
University of California, RB, Series L, 5.00%, 5/15/36	3,030	3,420,173
University of California, Refunding RB, Limited Project, Series G, 5.00%, 5/15/37 (b)	6,445	7,448,229
University of California, Refunding RB, General, Series A (AMBAC), 5.00%, 5/15/27	5,000	5,170,400
		62,185,362
Health 15.3%		
ABAG Finance Authority for Nonprofit Corps, Refunding RB, Sharp Healthcare:		
6.25%, 8/01/39	5,000	5,946,200
Series A, 6.00%, 8/01/30	2,270	2,795,596
California Health Facilities Financing Authority, RB:		
Adventist Health System, Series A, 5.00%, 3/01/33	3,190	3,210,671
Children's Hospital, Series A, 5.25%, 11/01/41	8,000	8,851,040
Kaiser Permanente, Series A, 5.25%, 4/01/39	6,560	6,919,160
Providence Health Services, Series B, 5.50%, 10/01/39	4,000	4,568,320
Stanford Hospital and Clinics, Series A, 5.00%, 8/15/51	7,250	7,951,365
Sutter Health, Series A, 5.25%, 11/15/46	16,000	16,965,120
Sutter Health, Series B, 6.00%, 8/15/42	9,655	11,595,655
California Health Facilities Financing Authority, Refunding RB, Catholic Healthcare West, Series A, 6.00%, 7/01/34	3,700	4,375,916
California Statewide Communities Development Authority, RB:		
Health Facility Memorial Health Services, Series A, 6.00%, 4/01/13 (c)	4,915	5,105,505
Kaiser Permanente, Series A, 5.00%, 4/01/42	12,000	13,134,960
Kaiser Permanente, Series B, 5.25%, 3/01/45	6,100	6,441,661
City of Newport Beach California, RB, Hoag Memorial Hospital Presbyterian, 6.00%, 12/01/40	3,820	4,701,236
		102,562,405
State 11.5%		
California State Public Works Board, RB, Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34		
	3,670	4,435,782
California State Public Works Board, RB, California State Prisons, Series C, 5.75%, 10/01/31	1,205	1,389,413
Lodi Unified School District, Refunding, GO (AGM), 5.00%, 8/01/29 (b)	2,000	2,298,620
Pittsburg Unified School District, Refunding, GO (AGM), 5.50%, 9/01/46	11,455	12,927,426
State of California, GO:		
6.00%, 3/01/33	5,800	7,144,672
6.00%, 4/01/38	28,265	33,371,355
University of California, RB, Limited Project, Series D (NPFGC), 5.00%, 5/15/41	13,000	15,317,640
		76,884,908
Transportation 14.6%		
City of Fresno California, RB, Series B, AMT (AGM), 5.50%, 7/01/20	4,455	4,562,232
City of San Jose California Airport, Refunding RB, Series A-1, AMT: 5.25%, 3/01/23	2,985	3,465,824
6.25%, 3/01/34	1,400	1,660,442
	Par (000)	Value
Municipal Bonds		
California (continued)		
Transportation (concluded)		

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County of Orange California, RB, Series B, 5.75%, 7/01/34	\$ 6,345	\$ 7,167,883
County of Sacramento California Airport System, RB:		
Senior Series A, (AGC), 5.50%, 7/01/41	8,095	9,100,399
Senior Series B, 5.75%, 7/01/39	2,650	3,020,735
Senior Series B, AMT (AGM), 5.25%, 7/01/33	19,525	21,087,000
Senior Series B, AMT (AGM), 5.75%, 7/01/28	13,275	14,986,944
Los Angeles Department of Airports, Refunding RB, Series A, 5.25%, 5/15/39	2,775	3,126,731
Los Angeles Department of Airports, RB, Los Angeles International Airport, Senior Series D, 5.25%, 5/15/29	2,590	3,049,026
Los Angeles Harbor Department, RB, Series B, 5.25%, 8/01/34	5,530	6,347,942
San Francisco City & County Airports Commission, RB, Series E, 6.00%, 5/01/39	9,650	11,413,055
San Francisco City & County Airports Commission, Refunding RB, Second Series 34E, AMT (AGM), 5.75%, 5/01/24	5,000	5,822,250
San Joaquin County Transportation Authority, Refunding RB, Limited Tax, Measure K, Series A, 6.00%, 3/01/36	2,400	2,939,184
		97,749,647
Utilities 28.3%		
Anaheim Public Financing Authority, RB, Electric System Distribution Facilities, Series A, 5.38%, 10/01/36	2,200	2,588,718
City of Los Angeles California, Refunding RB, Sub-Series A:		
5.00%, 6/01/28	2,000	2,335,040
5.00%, 6/01/32	3,000	3,452,130
Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41	4,000	4,871,000
East Bay Municipal Utility District, RB, Series A (NPFGC), 5.00%, 6/01/32	6,990	7,982,510
East Bay Municipal Utility District, Refunding RB, Sub-Series A: (AGM), 5.00%, 6/01/37	11,190	12,789,946
(AMBAC), 5.00%, 6/01/33	5,000	5,709,950
Eastern Municipal Water District, COP, Series H, 5.00%, 7/01/33	2,500	2,762,025
Imperial Irrigation District, Refunding RB, System, 5.13%, 11/01/38	9,500	10,381,695
Los Angeles Department of Water & Power, RB:		
Series A, 5.38%, 7/01/38	10,500	11,991,525
Series B, 5.00%, 7/01/43 (b)	11,000	12,751,970
Los Angeles Department of Water & Power, Refunding RB, System, Series A, 5.25%, 7/01/39	16,000	18,724,640
Metropolitan Water District of Southern California, RB, Series B-1 (NPFGC), 5.00%, 10/01/13 (c)	8,605	9,084,987
Sacramento Municipal Utility District, RB, Series R (NPFGC), 5.00%, 8/15/33	17,500	18,143,650
San Diego County Water Authority, COP, Refunding, Series A (NPFGC), 5.00%, 5/01/32	3,495	3,535,787
San Diego Public Facilities Financing Authority, Refunding RB, Senior Series A:		
5.25%, 5/15/34	1,000	1,150,480
5.25%, 5/15/39	12,815	14,632,679
San Francisco City & County Public Utilities Commission, RB:		
Local Water Main Sub-Series C, 5.00%, 11/01/41	5,000	5,724,050
Series A, (NPFGC), 5.00%, 11/01/12 (c)	15,000	15,180,000
Series B, 5.00%, 11/01/30	10,000	11,597,600
Sub-Series A, 5.00%, 11/01/34	5,245	6,130,671

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
California (concluded)		
Utilities (concluded)		
San Juan Water District, Refunding RB, San Juan & Citrus Heights, 5.25%, 2/01/33	\$ 7,325	\$ 8,638,812
		190,159,865
Total Municipal Bonds in California		704,932,344
Puerto Rico 0.3%		
State 0.3%		
Puerto Rico Sales Tax Financing Corp., Refunding RB, Series C, 5.43%, 8/01/39 (a)	8,750	2,059,575
Total Municipal Bonds 105.4%		706,991,919
Municipal Bonds Transferred to Tender Option Bond Trusts (d)		
California 58.8%		
County/City/Special District/School District 30.4%		
Alameda County Joint Powers Authority, Refunding RB, Lease (AGM), 5.00%, 12/01/34	13,180	14,354,470
Contra Costa Community College District California, GO, Election of 2002 (NPFGC), 5.00%, 8/01/28	7,800	8,331,570
Desert Community College District California, GO, Series C (AGM), 5.00%, 8/01/37	16,530	17,902,651
Foothill-De Anza Community College District, GO, Series C, 5.00%, 8/01/40	10,000	11,567,300
Los Angeles Community College District California, GO: Election of 2001, Series A, (NPFGC), 5.00%, 8/01/32	6,647	7,493,938
Election of 2001, Series E-1, 5.00%, 8/01/33	11,770	13,295,039
Election of 2003, Series E, (AGM), 5.00%, 8/01/31	11,216	12,499,323
Election of 2003, Series F-1, 5.00%, 8/01/33	10,000	11,295,700
Los Angeles Community College District California, GO, Refunding, Election of 2008, Series A, 6.00%, 8/01/33	9,596	11,685,183
Los Angeles County Metropolitan Transportation Authority, Refunding RB, Proposition A, First Tier, Senior Series A (AMBAC), 5.00%, 7/01/35	8,997	9,919,521
Los Angeles County Sanitation Districts Financing Authority, Refunding RB, Capital Project 14 (BHAC), 5.00%, 10/01/34	7,917	8,713,687
Ohlone Community College District, GO, Series B (AGM), 5.00%, 8/01/30	16,518	18,095,810
Poway Unified School District, GO, Election of 2002, Improvement District 02, Series 1-B (AGM), 5.00%, 8/01/30	10,000	10,878,400
San Bernardino Community College District California, GO, Election of 2002, Series C (AGM), 5.00%, 8/01/31	17,770	19,911,285
San Francisco Bay Area Rapid Transit District, Refunding RB, Series A (NPFGC), 5.00%, 7/01/30	23,100	25,398,450
San Francisco Bay Area Transit Financing Authority, Refunding RB, Series A (NPFGC), 5.00%, 7/01/34	2,499	2,747,996
		204,090,323
Municipal Bonds Transferred to Tender Option Bond Trusts (d)	Par (000)	Value
California (continued)		
Education 11.7%		
Chaffey Community College District, GO, Election of 2002, Series B (NPFGC), 5.00%, 6/01/30	\$ 9,905	\$ 10,800,324
Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 8/01/35	11,000	12,429,230
Mount Diablo California Unified School District, GO, Election of 2002, 5.00%, 6/01/31	4,000	4,289,400
Riverside Community College District, GO, Election of 2004, Series C (NPFGC), 5.00%, 8/01/32	8,910	10,121,314
University of California, RB: Limited Project, Series B, (AGM), 5.00%, 5/15/33	17,397	18,223,133
Limited Project, Series D, (AGM), 5.00%, 5/15/41	8,000	8,961,920

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Series O, 5.75%, 5/15/34	11,190	13,455,565
		78,280,886
Transportation 2.4%		
City of Los Angeles California Department of Airports, Refunding RB, Los Angeles International Airport, Senior Series A, 5.00%, 5/15/40	4,999	5,611,360
San Mateo County Transportation Authority, Refunding RB, Series A (NPFGC), 5.00%, 6/01/32	10,000	10,903,000
		16,514,360
Utilities 14.3%		
City of Napa California, RB (AMBAC), 5.00%, 5/01/35	9,100	9,870,315
East Bay Municipal Utility District, RB, Sub-Series A (NPFGC), 5.00%, 6/01/35	12,070	13,297,519
East Bay Municipal Utility District, Refunding RB, Sub-Series A (AMBAC), 5.00%, 6/01/37	14,510	16,531,678
Los Angeles Department of Water & Power, RB, Power System, Sub-Series A-2 (AGM), 5.00%, 7/01/35	7,500	8,470,350
Metropolitan Water District of Southern California, RB, Series A (AGM), 5.00%, 7/01/35	12,870	14,208,866
Rancho Water District Financing Authority, Refunding RB, Series A (AGM), 5.00%, 8/01/34	5,008	5,540,208
Sacramento Regional County Sanitation District, RB, Sacramento Regional County Sanitation (NPFGC), 5.00%, 12/01/36	4,500	5,034,510
San Diego County Water Authority, COP, Series A (AGM), 5.00%, 5/01/31	4,000	4,225,760
San Diego County Water Authority, COP, Refunding, Series 2008-A (AGM), 5.00%, 5/01/33	16,740	18,588,766
		95,767,972
Total Municipal Bonds Transferred to Tender Option Bond Trusts 58.8%		394,653,541
Total Long-Term Investments		
(Cost \$1,014,201,232) 164.2%		1,101,645,460

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (concluded)****BlackRock MuniHoldings California Quality Fund, Inc. (MUC)**

(Percentages shown are based on Net Assets)

Short-Term Securities	Shares	Value
BIF California Municipal Money Fund, 0.00% (e)(f)	19,427,466	\$ 19,427,466
Total Short-Term Securities		
(Cost \$19,427,466) 2.9%		19,427,466
Total Investments (Cost \$1,033,628,698) 167.1%		1,121,072,926
Liabilities in Excess of Other Assets (1.5)%		(10,113,971)
Liability for TOB Trust Certificates, Including Interest		
Expense and Fees Payable (27.7)%		(185,881,738)
VMTP Shares, at Liquidation Value (37.8)%		(254,000,000)
Net Assets Applicable to Common Shares 100.0%		\$ 671,077,217

(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)
Barclays Plc	\$ 7,448,229	\$ (15,661)
Stone & Youngberg LLC	\$ 2,298,620	\$ 28,300
Wells Fargo & Co.	\$ 12,751,970	\$ 13,640

(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 TOB in exchange for which the Fund s 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 TOBs.

(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, were as follows:

Affiliate	Shares Held at July 31, 2011	Net Activity	Shares Held at July 31, 2012	Income
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BIF California Municipal Money Fund	7,347,551	12,079,915	19,427,466
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(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. These definitions 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. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 unadjusted 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)

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments is based on the pricing transparency of the investment and is not necessarily an indication of the risks 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 Fund's investments categorized in the disclosure hierarchy as of July 31, 2012:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term				
Investments ¹		\$ 1,101,645,460		\$ 1,101,645,460
Short-Term				
Securities	\$ 19,427,466			19,427,466
Total	\$ 19,427,466	\$ 1,101,645,460		\$ 1,121,072,926

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

Certain of the Fund's liabilities are held at carrying amount, which approximates fair value for financial statement purposes. As of July 31, 2012, such liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Liabilities:				

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TOB trust certificates	\$ (185,775,014)	\$ (185,775,014)
VMTP Shares	(254,000,000)	(254,000,000)
Total	\$ (439,775,014)	\$ (439,775,014)

There were no transfers between levels during the year ended July 31, 2012.

See Notes to Financial Statements.

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Schedule of Investments July 31, 2012

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

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
New Jersey 129.6%		
Corporate 3.1%		
New Jersey EDA, RB, AMT: New Jersey American Water Co., Inc. Project, Series A (AMBAC), 5.25%, 11/01/32	\$ 3,000	\$ 3,042,780
Waste Management of New Jersey, Mandatory Put Bonds, Series A, 5.30%, 6/01/15 (a)	2,500	2,694,775
New Jersey EDA, Refunding RB, New Jersey American Water Co., Inc. Project, AMT: Series A, 5.70%, 10/01/39	2,500	2,797,400
Series B, 5.60%, 11/01/34	2,150	2,447,775
		10,982,730
County/City/Special District/School District 17.9%		
Borough of Hopatcong New Jersey, GO, Refunding, Sewer (AMBAC), 4.50%, 8/01/33	2,690	2,857,721
City of Perth Amboy New Jersey, Refunding, GO, CAB (AGM) (b):		
5.00%, 7/01/32	4,605	5,014,200
5.00%, 7/01/33	1,395	1,516,295
5.00%, 7/01/37	1,470	1,572,871
County of Middlesex New Jersey, COP, Refunding (NPFGC), 5.50%, 8/01/16	1,375	1,376,018
County of Union New Jersey, GO:		
4.00%, 3/01/29	2,590	2,840,142
4.00%, 3/01/30	2,590	2,819,448
4.00%, 3/01/31	2,925	3,167,863
Edgewater Borough Board of Education, GO (AGM):		
4.25%, 3/01/34	1,235	1,386,152
4.25%, 3/01/35	1,300	1,456,247
4.30%, 3/01/36	1,370	1,535,441
Essex County Improvement Authority, RB, County Correctional Facility Project, Series A (NPFGC), 5.00%, 10/01/13 (c)	4,400	4,644,904
Essex County Improvement Authority, Refunding RB, Project Consolidation: (AMBAC), 5.25%, 12/15/18	1,000	1,215,800
(NPFGC), 5.50%, 10/01/27	250	327,850
(NPFGC), 5.50%, 10/01/28	4,840	6,366,197
Hudson County Improvement Authority, RB: County Secured, County Services Building Project (AGM), 5.00%, 4/01/27	750	815,520
Harrison Parking Facility Project, Series C (AGC), 5.25%, 1/01/39	2,000	2,232,380
Harrison Parking Facility Project, Series C (AGC), 5.38%, 1/01/44	3,600	4,037,544
Middlesex County Improvement Authority, RB, Senior Citizens Housing Project, AMT (AMBAC), 5.50%, 9/01/30	500	500,730
Monmouth County Improvement Authority, RB, Governmental Loan (AMBAC):		
5.35%, 12/01/17	5	5,017
5.38%, 12/01/18	5	5,017
Morristown Parking Authority, RB (NPFGC):		
5.00%, 8/01/30	1,830	1,991,681
5.00%, 8/01/33	3,000	3,243,360
New Jersey State Transit Corp., COP, Subordinate, Federal Transit Administration Grants, Series A (AGM), 5.00%, 9/15/21	2,000	2,126,160
Newark Housing Authority, Refunding RB, Newark Redevelopment Project (NPFGC), 4.38%, 1/01/37	620	583,172
South Jersey Port Corp., Refunding RB: 4.50%, 1/01/15	3,750	3,799,987
4.50%, 1/01/16	1,920	1,944,288

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Municipal Bonds	Par (000)	Value
New Jersey (continued)		
County/City/Special District/School District (concluded)		
Union County Improvement Authority, RB, Family Court Building Project , 4.00%, 5/01/37	\$ 3,575	\$ 3,644,319
		63,026,324
Education 22.7%		
New Jersey EDA, RB, International Center For Public Health Project, University of Medicine and Dentistry (AMBAC), 6.00%, 6/01/32	5,000	5,007,850
New Jersey Educational Facilities Authority, RB: Higher Education Capital Improvement, Series A (AMBAC), 5.13%, 9/01/12 (c)	5,500	5,522,605
Montclair State University, Series A (AMBAC), 5.00%, 7/01/21	1,200	1,367,868
Montclair State University, Series A (AMBAC), 5.00%, 7/01/22	2,880	3,273,408
Ramapo College, Series B, 5.00%, 7/01/37	845	951,918
Richard Stockton College, Series F (NPFGC), 5.00%, 7/01/31	2,625	2,789,614
Rowan University, Series C (NPFGC), 5.00%, 7/01/14 (c)	3,260	3,548,640
Rowan University, Series C (NPFGC), 5.13%, 7/01/14 (c)	3,615	3,943,712
New Jersey Educational Facilities Authority, Refunding RB: College of New Jersey, Series D (AGM), 5.00%, 7/01/35	9,740	10,677,962
Montclair State University, Series J (NPFGC), 4.25%, 7/01/30	3,775	3,897,235
New Jersey Institute of Technology, Series H, 5.00%, 7/01/31	3,000	3,357,120
Ramapo College, Series I (AMBAC), 4.25%, 7/01/31	1,250	1,298,275
Ramapo College, Series I (AMBAC), 4.25%, 7/01/36	900	926,856
Stevens Institute of Technology, Series A, 5.00%, 7/01/27	2,800	3,003,812
Stevens Institute of Technology, Series A, 5.00%, 7/01/34	900	950,886
William Paterson University, Series C (AGC), 5.00%, 7/01/28	250	276,630
William Paterson University, Series C (AGC), 4.75%, 7/01/34	4,000	4,338,440
New Jersey Higher Education Student Assistance Authority, RB, Senior Student Loan, Series 1A, AMT: 4.50%, 12/01/28	3,380	3,513,003
4.50%, 12/01/29	4,150	4,277,903
4.63%, 12/01/30	4,080	4,234,346
New Jersey Institute of Technology, GO, Series A , 5.00%, 7/01/42	5,045	5,733,188
University of Medicine & Dentistry of New Jersey, COP (NPFGC), 5.00%, 6/15/29	2,000	2,050,540
University of Medicine & Dentistry of New Jersey, RB, Series A (AMBAC), 5.50%, 12/01/27	4,740	4,799,629
		79,741,440
Health 14.9%		
New Jersey Health Care Facilities Financing Authority, RB:		
Greystone Park Psychiatric Hospital (AMBAC), 5.00%, 9/15/23	10,775	11,491,322
Meridian Health, Series I (AGC), 5.00%, 7/01/38	755	808,363
Meridian Health, Series II (AGC), 5.00%, 7/01/38	6,260	6,702,457
Meridian Health, Series V (AGC), 5.00%, 7/01/38	3,870	4,143,532
Virtua Health (AGC), 5.50%, 7/01/38	3,035	3,377,348

See Notes to Financial Statements.

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Schedule of Investments (continued)

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

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
New Jersey (continued)		
Health (concluded)		
New Jersey Health Care Facilities Financing Authority, Refunding RB:		
AHS Hospital Corp., 6.00%, 7/01/41	\$ 3,080	\$ 3,707,180
AHS Hospital Corp., Series A (AMBAC), 6.00%, 7/01/13 (d)	4,000	4,204,720
Barnabas Health, Series A, 5.00%, 7/01/24	1,820	1,944,051
Barnabas Health, Series A, 5.63%, 7/01/32	1,100	1,207,811
Barnabas Health, Series A, 5.63%, 7/01/37	3,060	3,329,188
Hackensack University Medical (AGC), 5.13%, 1/01/27	1,500	1,659,015
Hackensack University Medical (AGM), 4.63%, 1/01/30	5,480	5,894,343
Kennedy Health System, 5.00%, 7/01/31	540	591,241
Kennedy Health System, 5.00%, 7/01/37	520	563,534
Kennedy Health System, 5.00%, 7/01/42	360	390,449
Meridian Health System Obligation, 5.00%, 7/01/25	700	794,542
Meridian Health System Obligation, 5.00%, 7/01/26	1,590	1,786,922
		52,596,018
Housing 7.1%		
New Jersey State Housing & Mortgage Finance Agency, RB:		
Capital Fund Program, Series A (AGM), 4.70%, 11/01/25	9,245	9,699,669
M/F, 4.55%, 11/01/43	3,575	3,658,870
Series A, AMT (NPFGC), 4.85%, 11/01/39	935	949,277
Series AA, 6.50%, 10/01/38	1,895	2,023,784
Series B, 4.50%, 10/01/30	7,150	7,726,648
S/F Housing, Series T, AMT, 4.70%, 10/01/37	745	763,774
		24,822,022
State 33.0%		
Garden State Preservation Trust, RB (AGM):		
CAB, Series B, 2.82%, 11/01/23 (e)	9,000	6,569,370
CAB, Series B, 3.05%, 11/01/25 (e)	10,000	6,700,400
Election of 2005, Series A, 5.80%, 11/01/15 (c)	4,690	5,485,799
Garden State Preservation Trust, Refunding RB, Series C (AGM):		
5.25%, 11/01/20	5,000	6,411,800
5.25%, 11/01/21	7,705	9,987,144
New Jersey EDA, RB:		
Cigarette Tax (Radian), 5.50%, 6/15/14 (c)	585	641,102
Cigarette Tax (Radian), 5.75%, 6/15/14 (c)	3,180	3,499,781
Liberty State Park Project, Series C (AGM), 5.00%, 3/01/22	2,670	2,924,718
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/24	1,785	2,176,843
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/25	4,000	4,904,760
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/26	7,500	9,210,900

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Motor Vehicle Surcharge, Series A (NPFGC),

5.25%, 7/01/33	11,105	11,887,680
Motor Vehicle Surcharge, Series A (NPFGC), 5.00%, 7/01/34	2,000	2,122,740
School Facilities Construction, Series L (AGM), 5.00%, 3/01/30	9,000	9,624,600
School Facilities Construction, Series O, 5.25%, 3/01/23	1,420	1,561,418
School Facilities Construction, Series Y, 5.00%, 9/01/33	3,000	3,301,500
School Facilities Construction, Series Z (AGC), 6.00%, 12/15/34	2,800	3,299,800

Municipal Bonds	Par (000)	Value
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New Jersey (continued)

State (concluded)

New Jersey EDA, RB (concluded):

School Facilities, Series U, 5.00%, 9/01/37	\$ 5,000	\$ 5,404,400
School Facilities, Series U (AMBAC), 5.00%, 9/01/37	2,000	2,161,760
New Jersey EDA, Refunding RB:		
Cigarette Tax, 5.00%, 6/15/26	895	994,524
Cigarette Tax, 5.00%, 6/15/28	1,520	1,674,174
Cigarette Tax, 5.00%, 6/15/29	2,000	2,192,500
School Facilities Construction, Series N-1 (NPFGC), 5.50%, 9/01/27	1,000	1,310,050
New Jersey Sports & Exposition Authority, Refunding RB (NPFGC): 5.50%, 3/01/21	5,890	7,047,090
5.50%, 3/01/22	3,150	3,789,072
State of New Jersey, COP, Equipment Lease Purchase, Series A , 5.25%, 6/15/27	1,080	1,226,340

116,110,265

Tobacco 1.4%

Tobacco Settlement Financing Corp. New Jersey, RB, 7.00%, 6/01/13 (c)	4,755	5,023,230
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Transportation 23.5%

Delaware River Port Authority, RB (AGM):

Port District Project,		
Series B, 5.63%, 1/01/26	2,425	2,430,553
Series D, 5.00%, 1/01/40	3,700	4,072,368
New Jersey State Turnpike Authority, RB:		
Growth & Income Securities, Series B, (AMBAC), 0.00%, 1/01/15 (b)	7,615	7,107,689
Series A, 5.00%, 1/01/31	1,500	1,756,560
Series A, 5.00%, 1/01/35	760	875,786
New Jersey State Turnpike Authority, Refunding RB:		
Series A (AGM), 5.25%, 1/01/26	4,900	6,165,964
Series A (AGM), 5.25%, 1/01/29	2,000	2,576,920
Series A (AGM), 5.25%, 1/01/30	4,000	5,207,480
Series A (BHAC), 5.25%, 1/01/29	500	651,070
Series C (NPFGC), 6.50%, 1/01/16	910	1,073,991
Series C (NPFGC), 6.50%, 1/01/16 (d)	3,385	3,722,451
Series C-2005 (NPFGC), 6.50%, 1/01/16 (d)	255	307,441
New Jersey Transportation Trust Fund Authority, RB, Transportation System:		
CAB, Series C (AGM), 4.55%, 12/15/32 (e)	4,050	1,618,299
CAB, Series C (AMBAC), 4.77%, 12/15/35 (e)	1,400	464,982
CAB, Series C (AMBAC), 4.80%, 12/15/36 (e)	7,210	2,268,122
Series A, 4.69%, 12/15/35 (e)	6,000	2,029,500
Series A, 6.00%, 6/15/35	4,365	5,382,089
Series A (AGC), 5.63%, 12/15/28	2,000	2,366,300
Series A (AGM), 5.25%, 12/15/20	10,750	13,304,523
Series A (AGM), 5.50%, 12/15/22	150	190,478
Series A (NPFGC), 5.75%, 6/15/24	1,205	1,572,139
Series B, 5.50%, 6/15/31	1,425	1,692,102
Series B, 5.25%, 6/15/36	1,900	2,189,199
Port Authority of New York & New Jersey, RB, JFK International Air Terminal: 6.00%, 12/01/42	2,500	2,831,325
Special Project, Series 6, AMT (NPFGC), 6.25%, 12/01/15	1,500	1,658,385

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Special Project, Series 6, AMT (NPFGC), 5.75%, 12/01/25	3,000	3,000,600
Port Authority of New York & New Jersey, Refunding RB, Consolidated, 152nd Series, AMT, 5.75%, 11/01/30	5,175	6,180,502
		82,696,818

See Notes to Financial Statements.

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Schedule of Investments (continued)

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

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
New Jersey (concluded)		
Utilities 6.0%		
Essex County Utilities Authority, Refunding RB (AGC), 4.13%, 4/01/22	\$ 2,000	\$ 2,160,080
North Hudson Sewerage Authority, Refunding RB, Series A (NPFGC), 5.13%, 8/01/20 (d)	4,335	5,508,745
Rahway Valley Sewerage Authority, RB, CAB, Series A (NPFGC) (e):		
4.16%, 9/01/28	6,600	3,401,574
4.26%, 9/01/29	6,900	3,355,953
Union County Utilities Authority, Refunding RB:		
Covanta Union, Series A, AMT,		
5.25%, 12/01/31	450	500,098
New Jersey Solid Waste System, County Deficiency Agreement, Series A,		
5.00%, 6/15/41	5,415	6,207,539
		21,133,989
Total Municipal Bonds in New Jersey		456,132,836
Guam 1.0%		
State 1.0%		
Government of Guam Business Privilege Tax Revenue, RB, Series A , 5.13%, 1/01/42	2,500	2,774,725
Territory of Guam, RB, Series B-1 ,		
5.00%, 1/01/37	700	772,366
Total Municipal Bonds in Guam		3,547,091
Puerto Rico 7.5%		
Health 0.5%		
Puerto Rico Industrial Tourist Educational Medical & Environmental Control Facilities Financing Authority, RB, Hospital De La Concepcion, Series A ,		
6.50%, 11/15/20	1,750	1,758,558
State 5.0%		
Commonwealth of Puerto Rico, GO, Refunding, Public Improvement, Series C ,		
6.00%, 7/01/39	2,080	2,276,518
Puerto Rico Commonwealth Infrastructure Financing Authority, RB, CAB, Series A (AMBAC),		
6.02%, 7/01/37 (e)	4,000	912,080
Puerto Rico Sales Tax Financing Corp., RB:		
First Sub-Series A, 5.50%, 8/01/42	1,300	1,400,841
First Sub-Series A, 6.00%, 8/01/42	2,500	2,827,075
First Sub-Series A-1, 5.25%, 8/01/43	2,130	2,269,877
First Sub-Series C (AGM), 5.13%, 8/01/42	6,120	6,674,901
Puerto Rico Sales Tax Financing Corp., Refunding RB, CAB, COP, Series A (NPFGC),		
5.56%, 8/01/42 (e)	5,500	1,062,545
		17,423,837
Transportation 1.3%		
Puerto Rico Highway & Transportation Authority, Refunding RB, Series CC (AGC),		
5.50%, 7/01/31	3,750	4,570,087
Utilities 0.7%		
Puerto Rico Electric Power Authority, RB,		
5.00%, 7/01/42	1,000	1,029,120
Puerto Rico Electric Power Authority, Refunding RB, Series VV (NPFGC), 5.25%, 7/01/26	1,325	1,507,240
		2,536,360
Total Municipal Bonds in Puerto Rico		26,288,842
Total Municipal Bonds 138.1%		485,968,769

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Municipal Bonds Transferred to Tender Option Bond Trusts (f)	Par (000)	Value
New Jersey 16.6%		
Education 0.4%		
Rutgers State University of New Jersey, Refunding RB, Series F, 5.00%, 5/01/39	\$ 990	\$ 1,101,900
Housing 1.5%		
New Jersey State Housing & Mortgage Finance Agency, RB, Capital Fund Program, Series A (AGM), 5.00%, 5/01/27	4,790	5,309,140
State 3.5%		
Garden State Preservation Trust, RB, Election of 2005, Series A (AGM), 5.75%, 11/01/28	9,160	12,325,787
Transportation 7.3%		
Port Authority of New York & New Jersey, RB, Consolidated: 163rd Series, 5.00%, 7/15/39	11,456	13,015,042
169th Series, AMT, 5.00%, 10/15/41	5,500	6,063,145
Port Authority of New York & New Jersey, Refunding RB, 152nd Series, AMT, 5.25%, 11/01/35	5,998	6,632,070
		25,710,257
Utilities 3.9%		
Union County Utilities Authority, Refunding RB, Covanta Union, Series A, AMT, 5.25%, 12/01/31	12,370	13,747,152
Total Municipal Bonds in New Jersey		58,194,236
Puerto Rico 0.7%		
State 0.7%		
Puerto Rico Sales Tax Financing Corp., Refunding RB, Series C , 5.25%, 8/01/40	2,270	2,520,776
Total Municipal Bonds Transferred to Tender Option Bond Trusts 17.3%		60,715,012
Total Long-Term Investments		
(Cost \$497,927,228) 155.4%		546,683,781
Short-Term Securities	Shares	
BIF New Jersey Municipal Money Fund, 0.00% (g)(h)	4,620,110	4,620,110
Total Short-Term Securities		4,620,110
(Cost \$4,620,110) 1.3%		4,620,110
Total Investments (Cost \$502,547,338) 156.7%		551,303,891
Other Assets Less Liabilities 0.8%		2,963,730
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (8.5%)		(29,730,414)
VRDP Shares, at Liquidation Value (49.1%)		(172,700,000)
Net Assets Applicable to Common Shares 100.0%		\$ 351,837,207

(a) Variable rate security. Rate shown is as of report date.

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

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

(f)

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Securities represent bonds transferred to a TOB in exchange for which the Fund s 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 TOBs.

See Notes to Financial Statements.

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Table of Contents**Schedule of Investments (concluded)****BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ)**

(g) 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, 2011	Net Activity	Shares Held at July 31, 2012	Income
BIF New Jersey Municipal Money Fund	9,941,803	(5,321,693)	4,620,110	\$ 411

(h) 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. These definitions 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. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 unadjusted 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)

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments is based on the pricing transparency of the investment and is not necessarily an indication of the risks 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 Fund's investments categorized in the disclosure hierarchy as of July 31, 2012:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 546,683,781		\$ 546,683,781
Short-Term Securities	\$ 4,620,110			4,620,110
Total	\$ 4,620,110	\$ 546,683,781		\$ 551,303,891

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

Certain of the Fund's liabilities are held at carrying amount, which approximates fair value for financial statement purposes. As of July 31, 2012, such liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Liabilities:				
TOB trust certificates		\$ (29,718,745)		\$ (29,718,745)
VRDP Shares		(172,700,000)		(172,700,000)
Total		\$ (202,418,745)		\$ (202,418,745)

There were no transfers between levels during the year ended July 31, 2012.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments** July 31, 2012**BlackRock MuniYield Investment Quality Fund (MFT)**

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
Alabama 4.2%		
Birmingham Special Care Facilities Financing Authority, RB, Children s Hospital (AGC):		
6.13%, 6/01/34	\$ 1,500	\$ 1,754,265
6.00%, 6/01/39	2,985	3,485,435
Selma IDB, RB, International Paper Co. Project,		
5.38%, 12/01/35	350	381,322
		5,621,022
Arizona 0.7%		
Arizona State Board of Regents, Refunding RB, COP, University of Arizona, Series C, 5.00%, 6/01/29	300	344,145
Arizona State Board of Regents, Refunding RB, University of Arizona, Series A, 5.00%, 6/01/42	500	573,120
		917,265
California 24.7%		
California Educational Facilities Authority, RB, University of Southern California, Series A, 5.25%, 10/01/38	1,960	2,340,789
California Health Facilities Financing Authority, RB:		
Stanford Hospital and Clinics, Series A, 5.00%, 8/15/42	1,110	1,226,150
Sutter Health, Series B, 6.00%, 8/15/42	1,150	1,381,150
California State Public Works Board, RB, Various Capital Projects, Series G-1 (AGC), 5.25%, 10/01/24	2,000	2,321,740
California State University, RB, Systemwide, Series A (AGM), 5.00%, 11/01/39	1,000	1,085,600
California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 4/01/42	940	1,028,905
City of San Jose California Airport, Refunding RB, Series A-1, AMT:		
5.50%, 3/01/30	1,600	1,803,824
6.25%, 3/01/34	1,250	1,482,538
County of Sacramento California, ARB, Senior Series A (AGC), 5.50%, 7/01/41	1,400	1,573,880
Los Angeles Community College District California, GO:		
Election of 2001, Series A (NPFGC), 5.00%, 8/01/32	2,780	3,134,005
Election of 2008, Series C, 5.25%, 8/01/39	500	582,970
Redondo Beach Unified School District, GO, Election of 2008, Series E, 5.50%, 8/01/34	1,000	1,190,690
San Bernardino Community College District, GO, Election of 2002, Series A, 6.25%, 8/01/33	840	1,008,798
San Diego Public Facilities Financing Authority, Refunding RB, Series B (AGC), 5.38%, 8/01/34	1,020	1,198,663
San Jacinto Unified School District, GO, Election of 2006 (AGM), 5.25%, 8/01/32	1,000	1,119,520
State of California, GO, Various Purpose (AGC), 5.50%, 11/01/39	3,450	3,942,833
State of California, GO, Refunding:		
5.25%, 2/01/30	2,500	2,908,075
Tax Exempt, Various Purpose, 5.00%, 9/01/41	2,260	2,464,801
University of California, Refunding RB, 5.00%, 5/15/37 (a)	1,000	1,155,660
		32,950,591
Colorado 3.1%		
Colorado Health Facilities Authority, RB, Hospital NCMC Inc. Project, Series B (AGM), 6.00%, 5/15/26	1,300	1,540,149
University of Colorado, Refunding RB, Series A-2 (a):		
5.00%, 6/01/32	1,185	1,408,811
5.00%, 6/01/33	1,030	1,218,706
		4,167,666
District of Columbia 1.5%		
	1,625	1,945,710

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District of Columbia Water & Sewer Authority, RB, Public Utility Revenue, Sub Lien, Series A, 5.00%,
10/01/30

Municipal Bonds	Par (000)	Value
Florida 6.2%		
City of Gainesville Florida, Refunding RB, Series C , 5.25%, 10/01/34	\$ 2,000	\$ 2,306,500
County of Lee Florida, Refunding ARB, Series A, AMT, 5.38%, 10/01/32	1,000	1,101,030
Florida Housing Finance Corp., HRB, Brittany Rosemont Apartments, Series C-1, AMT (AMBAC), 6.75%, 8/01/14	225	225,529
Manatee County Housing Finance Authority, RB, Series A, AMT (Fannie Mae), 5.90%, 9/01/40	500	542,860
Orange County Health Facilities Authority, RB, The Nemours Foundation Project, Series A , 5.00%, 1/01/29	1,000	1,119,640
Palm Beach County Florida School Board, Refunding RB, COP, Series A, 5.00%, 8/01/28	2,600	2,995,408
		8,290,967
Illinois 12.5%		
Chicago Board of Education Illinois, GO, Series A, 5.50%, 12/01/39	1,500	1,748,730
City of Chicago Illinois Transit Authority, RB: Federal Transit Administration Section 5309, Series A (AGC), 6.00%, 6/01/26	1,400	1,655,878
Sales Tax Receipts Revenue, 5.25%, 12/01/36	425	485,584
Sales Tax Receipts Revenue, 5.25%, 12/01/40	1,215	1,386,108
City of Chicago Illinois, ARB, General, Third Lien, Series A, 5.75%, 1/01/39	770	907,630
City of Chicago Illinois, ARB, General, Third Lien, Series C, 6.50%, 1/01/41	3,680	4,517,862
City of Chicago Illinois, RB, General, Third Lien, Series C (AGC) , 5.25%, 1/01/38	525	602,690
Cook County Forest Preserve District, GO, Series C, 5.00%, 12/15/32	385	439,050
Cook County Forest Preserve District, Refunding GO, Ltd Tax Project, Series B , 5.00%, 12/15/32	180	205,270
Illinois Finance Authority, RB, Carle Foundation, Series A, 6.00%, 8/15/41	1,555	1,761,193
Metropolitan Pier & Exposition Authority, Refunding RB, McCormick Place Project, Series B, 5.00%, 12/15/28	1,360	1,574,499
Railsplitter Tobacco Settlement Authority, RB: 5.50%, 6/01/23	940	1,096,905
6.00%, 6/01/28	270	314,202
		16,695,601
Indiana 5.3%		
Indiana Finance Authority Waste Water Utility, RB, CWA Authority Project, First Lien, Series A, 5.00%, 10/01/41	1,500	1,678,815
Indiana Municipal Power Agency, RB, Series A (NPFGC), 5.00%, 1/01/42	1,485	1,599,315
Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38	3,310	3,756,585
		7,034,715
Louisiana 0.5%		
New Orleans Aviation Board Louisiana, Refunding RB, GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23	375	449,895
Series A-2 (AGC), 6.00%, 1/01/23	160	191,955
		641,850
Massachusetts 0.4%		
Massachusetts Development Finance Agency, RB, Wellesley College, Series J, 5.00%, 7/01/42	450	525,852

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
Michigan 6.3%		
City of Detroit Michigan, RB:		
Second Lien, Series B (AGM), 6.25%, 7/01/36	\$ 1,800	\$ 2,101,698
Second Lien, Series B (NPFGC), 5.50%, 7/01/29	1,640	1,814,791
Sewage Disposal System, Senior Lien, Series B (AGM), 7.50%, 7/01/33	660	829,686
City of Detroit Michigan, Refunding RB, Senior Lien, Series C-1 (AGM), 7.00%, 7/01/27	1,650	1,978,433
Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital, 8.25%, 9/01/39	1,265	1,631,736
		8,356,344
Minnesota 2.7%		
City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC), 6.50%, 11/15/38	3,000	3,595,650
Nevada 4.9%		
Clark County Water Reclamation District, GO, Series A, 5.25%, 7/01/34	2,000	2,411,900
County of Clark Nevada, RB:		
Las Vegas-McCarran International Airport, Series A (AGM), 5.25%, 7/01/39	2,675	2,998,782
Subordinate Lien, Series A-2 (NPFGC), 5.00%, 7/01/36	1,000	1,058,640
		6,469,322
New Jersey 3.1%		
New Jersey Health Care Facilities Financing Authority, RB, Virtua Health (AGC), 5.50%, 7/01/38	1,400	1,557,920
New Jersey Transportation Trust Fund Authority, RB, Transportation System:		
5.25%, 6/15/36	1,000	1,152,210
Series A, 5.50%, 6/15/41	1,195	1,396,740
		4,106,870
New York 8.1%		
Metropolitan Transportation Authority, RB, Series E, 5.00%, 11/15/42	325	365,303
Metropolitan Transportation Authority, Refunding RB, Transportation Revenue, Series C, 5.00%, 11/15/28		
	1,200	1,411,056
New York City Municipal Water Finance Authority, RB, Series FF-2, 5.50%, 6/15/40	1,545	1,819,933
New York City Transitional Finance Authority, RB:		
Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29	2,000	2,397,820
Future Tax Secured, Subordinate Bonds, Series C, 5.00%, 11/01/39	1,075	1,225,994
New York State Dormitory Authority, RB, Series B:		
5.00%, 3/15/37	2,150	2,489,485
5.00%, 3/15/42	1,000	1,150,710
		10,860,301
North Carolina 1.7%		
North Carolina Medical Care Commission, RB, Duke University Health System, Health Care Facilities, Series A, 5.00%, 6/01/32		
	1,360	1,567,550
North Carolina Medical Care Commission, Refunding RB, Wakemed, Health Care Facilities, Series A, 5.00%, 10/01/31		
	565	641,088
		2,208,638
Pennsylvania 5.5%		
City of Philadelphia Pennsylvania, RB, Series C (AGM):		
5.00%, 8/01/35	1,615	1,812,692
5.00%, 8/01/40	2,880	3,211,056
		Value

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	Par (000)	
Pennsylvania (concluded)		
Pennsylvania Turnpike Commission, RB, Sub-Series A, 6.00%, 12/01/41	\$ 2,000	\$ 2,272,500
		7,296,248
Puerto Rico 1.3%		
Puerto Rico Sales Tax Financing Corp., RB, First Sub-Series A , 6.38%, 8/01/39	1,425	1,688,098
South Carolina 0.8%		
City of North Charleston South Carolina, RB, 5.00%, 6/01/35	905	1,020,288
Texas 19.3%		
Austin Community College District, RB, Educational Facilities Project, Round Rock Campus, 5.25%, 8/01/33	2,250	2,511,698
City of Houston Texas, Refunding RB, Combined, First Lien, Series A (AGC):		
6.00%, 11/15/35	2,700	3,292,245
6.00%, 11/15/36	2,055	2,497,154
5.38%, 11/15/38	1,000	1,159,500
Frisco ISD Texas, GO, School Building (AGC), 5.50%, 8/15/41	1,210	1,503,171
Harris County Health Facilities Development Corp., Refunding RB, Memorial Hermann Healthcare System, Series B, 7.25%, 12/01/35	500	607,235
Katy ISD Texas, GO, Refunding, Unlimited Tax School Building, Series A (PSF-GTD), 5.00%, 2/15/42	755	880,813
Lamar Texas Consolidated ISD, GO, Refunding, School House, Series A , 5.00%, 2/15/45	1,000	1,159,430
North Texas Tollway Authority, RB, Special Projects System, Series A, 5.50%, 9/01/41	2,750	3,266,532
North Texas Tollway Authority, Refunding RB: System, First Tier (AGM), 6.00%, 1/01/43	1,000	1,197,790
Series K-1 (AGC), 5.75%, 1/01/38	1,400	1,599,458
Tarrant County Cultural Education Facilities Finance Corp., Refunding RB, Christus Health, Series A (AGC), 6.50%, 7/01/37	1,100	1,284,712
Texas State Turnpike Authority, RB, First Tier, Series A (AMBAC), 5.00%, 8/15/42	1,280	1,280,333
Texas Tech University, Refunding RB, Improvement Bonds, 14th Series A , 5.00%, 8/15/29	1,105	1,314,453
University of Texas System, Refunding RB, Financing System, Series B, 5.00%, 8/15/43	1,835	2,156,290
		25,710,814
Virginia 2.0%		
Virginia Public School Authority, RB, School Financing , 6.50%, 12/01/35	1,000	1,246,850
Virginia Resources Authority, RB, 5.00%, 11/01/42	1,245	1,452,492
		2,699,342
Washington 3.2%		
City of Seattle Washington, Refunding RB, Series A, 5.25%, 2/01/36	1,000	1,168,530
State of Washington, GO:		
Motor Vehicle Tax, Senior 520, Corridor Program, Series C, 5.00%, 6/01/41	2,000	2,278,320
Various Purpose, Series B, 5.25%, 2/01/36	725	851,346
		4,298,196

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
Wisconsin 1.0%		
Wisconsin Health & Educational Facilities Authority, RB, Series D, 5.00%, 11/15/41	\$ 1,250	\$ 1,388,112
Total Municipal Bonds 119.0%		158,489,462
Municipal Bonds Transferred to Tender Option Bond Trusts (b)		
Alabama 1.2%		
Mobile Board of Water & Sewer Commissioners, RB (NPFGC), 5.00%, 1/01/31	1,500	1,592,685
District of Columbia 0.7%		
District of Columbia Water & Sewer Authority, RB, Series A, 6.00%, 10/01/35	750	913,120
Florida 3.1%		
County of Miami-Dade Florida, RB, Transit System, Sales Surtax, 5.00%, 7/01/22 (a)	660	740,566
Hillsborough County Aviation Authority, RB, Series A, AMT (AGC), 5.50%, 10/01/38	2,499	2,717,928
Lee County Housing Finance Authority, RB, Multi-County Program, Series A-2, AMT (Ginnie Mae), 6.00%, 9/01/40	615	655,596
		4,114,090
Illinois 3.3%		
Chicago Transit Authority, Refunding RB, Federal Transit Administration Section 5309 (AGM), 5.00%, 6/01/28	2,999	3,302,703
City of Chicago Illinois, Refunding RB, 5.00%, 11/01/42	960	1,092,368
		4,395,071
Kentucky 0.9%		
Kentucky State Property & Building Commission, Refunding RB, Project No. 93 (AGC), 5.25%, 2/01/27	1,002	1,164,017
Massachusetts 1.8%		
Massachusetts School Building Authority, RB, Senior Series B, 5.00%, 10/15/41	2,040	2,357,098
Nevada 7.4%		
Clark County Water Reclamation District, GO:		
Limited Tax, 6.00%, 7/01/38	2,010	2,479,214
Series B, 5.50%, 7/01/29	1,994	2,471,435
Las Vegas Valley Water District, GO, Refunding, Series C, 5.00%, 6/01/28	4,200	4,868,598
		9,819,247
New Jersey 2.2%		
New Jersey EDA, RB, School Facilities Construction, Series Z (AGC), 6.00%, 12/15/34	1,000	1,178,500
New Jersey State Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC, 5.25%, 10/01/29	1,610	1,778,633
		2,957,133
New York 21.4%		
Hudson New York Yards Infrastructure Corp., Senior RB, Series A, 5.75%, 2/15/47	1,000	1,171,971
New York City Municipal Water Finance Authority, Refunding RB: 5.00%, 6/15/45	2,999	3,439,138
Second General Resolution, Fiscal 2012, Series BB, 5.25%, 6/15/44	2,999	3,522,250
Series FF-2, 5.50%, 6/15/40	1,095	1,289,552
New York City Transitional Finance Authority, RB:		
Fiscal 2009, Series S-3, 5.25%, 1/15/39	1,000	1,129,655
Sub-Series E-1, 5.00%, 2/01/42	1,160	1,338,870
Municipal Bonds Transferred to Tender Option Bond Trusts (b)	Par (000)	Value
New York (concluded)		
New York Liberty Development Corp., RB, 1 World Trade Center Project, 5.25%, 12/15/43	\$ 3,000	\$ 3,460,350

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New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project , 5.75%, 11/15/51	1,770	2,094,175
New York State Dormitory Authority, ERB, Series B, 5.25%, 3/15/38	3,250	3,765,385
New York State Dormitory Authority, RB, General Purpose, Series C , 5.00%, 3/15/41	4,500	5,116,860
New York State Thruway Authority, RB, Series G (AGM), 5.00%, 1/01/32	2,000	2,208,680
		28,536,886
Puerto Rico 1.0%		
Puerto Rico Sales Tax Financing Corp., Refunding RB, Series C, 5.25%, 8/01/40	1,200	1,332,582
Texas 4.2%		
City of San Antonio Texas, Refunding RB, Series A , 5.25%, 2/01/31	2,609	3,042,562
Waco Educational Finance Corp., Refunding RB, Baylor University, 5.00%, 3/01/43	2,220	2,545,541
		5,588,103
Utah 0.8%		
City of Riverton Utah Hospital, RB, IHC Health Services, Inc., 5.00%, 8/15/41	1,005	1,098,046
Washington 1.6%		
University of Washington, Refunding RB, Series A, 5.00%, 7/01/41	1,875	2,185,363
Total Municipal Bonds Transferred to Tender Option Bond Trusts 49.6%		66,053,441
Total Investments (Cost \$203,502,784) 168.6%		224,542,903
Liabilities in Excess of Other Assets (0.6%)		(762,227)
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (25.6%)		(34,120,719)
VMTP Shares, at Liquidation Value (42.4%)		(56,500,000)
Net Assets Applicable to Common Shares 100.0%		\$ 133,159,957

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

Counterparty	Value	Unrealized Appreciation (Depreciation)
Barclays Plc	\$ 1,155,660	\$ (2,808)
JPMorgan Chase & Co.	\$ 740,566	\$ 6,897
Stifel Nicolaus & Co.	\$ 2,627,517	\$ 33,581

(b) Securities represent bonds transferred to a TOB in exchange for which the Fund s 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 TOBs.

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, 2011	Net Activity	Shares Held at July 31, 2012	Income
FFI Institutional Tax-Exempt Fund	6,706,791	(6,706,791)		\$ 809

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (concluded)****BlackRock MuniYield Investment Quality Fund (MFT)**

Fair Value Measurements Various inputs are used in determining the fair value of investments. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 unadjusted 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)

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments is based on the pricing transparency of the investment and is not necessarily an indication of the risks 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 Fund's investments categorized in the disclosure hierarchy as of July 31, 2012:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term				
Investments ¹		\$ 224,542,903		\$ 224,542,903

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

Certain of the Fund's assets and liabilities are held at carrying amount, which approximates fair value for financial statement purposes. As of July 31, 2012, such assets and liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Cash	\$ 340,224			\$ 340,224
Liabilities:				
TOB trust certificates		\$ (34,105,969)		(34,105,969)
VMTP Shares		(56,500,000)		(56,500,000)
Total	\$ 340,224	\$ (90,605,969)		\$ (90,265,745)

There were no transfers between levels during the year ended July 31, 2012.

See Notes to Financial Statements.

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JULY 31, 2012

Table of Contents**Schedule of Investments** July 31, 2012**BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)**

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
Michigan 128.1%		
Corporate 6.2%		
Dickinson County EDC, Michigan, Refunding RB, International Paper Co. Project, Series A, 5.75%, 6/01/16	\$ 3,900	\$ 3,912,753
Monroe County EDC, Michigan, Refunding RB, Detroit Edison Co. Project, Series AA (NPFGC), 6.95%, 9/01/22	10,695	14,438,036
		18,350,789
County/City/Special District/School District 36.7%		
Adrian City School District Michigan, GO (AGM) (a):		
5.00%, 5/01/14	2,000	2,162,360
5.00%, 5/01/14	1,600	1,729,888
Anchor Bay School District, GO, Refunding (Q-SBLF):		
4.13%, 5/01/25	3,000	3,306,480
4.25%, 5/01/26	1,800	1,983,168
4.38%, 5/01/27	960	1,059,101
4.00%, 5/01/28	240	254,544
4.38%, 5/01/28	600	655,326
4.00%, 5/01/29	620	652,724
4.50%, 5/01/29	900	985,041
Bay City School District Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/36	2,800	2,954,308
Birmingham City School District Michigan, GO, School Building & Site (AGM), 5.00%, 11/01/33	1,000	1,038,950
Brighton Area School District, GO, School Bldg., Series I (Q-SBLF):		
4.25%, 5/01/37 (b)	3,720	3,813,670
4.00%, 5/01/42 (b)	1,390	1,393,614
Charter Township of Canton Michigan, GO, Capital Improvement (AGM):		
5.00%, 4/01/25	1,840	2,032,225
5.00%, 4/01/26	2,000	2,197,400
5.00%, 4/01/27	500	547,055
City of Oak Park Michigan, GO, Street Improvement (NPFGC), 5.00%, 5/01/30	500	534,830
Comstock Park Public Schools, GO, School Building & Site, Series B (Q-SBLF):		
5.50%, 5/01/36	750	862,178
5.50%, 5/01/41	1,355	1,556,556
County of Genesee Michigan, GO (NPFGC):		
Refunding Series A, 5.00%, 5/01/19	600	652,068
Water Supply System, 5.13%, 11/01/33	1,000	1,020,510
Dearborn Brownfield Redevelopment Authority, GO, Limited Tax, Redevelopment, Series A (AGC), 5.50%, 5/01/39	3,300	3,718,902
Detroit City School District Michigan, GO, School Building & Site Improvement (NPFGC) (a):		
Series A, 5.38%, 5/01/13	1,300	1,350,089
Series B, 5.00%, 5/01/13	2,850	2,951,802
Eaton Rapids Public Schools Michigan, GO, School Building & Site (AGM) (a):		
5.25%, 5/01/14	1,325	1,439,069
5.25%, 5/01/14	1,675	1,819,201
Flint EDC, RB, Michigan Department of Human Services Office Building Project, 5.25%, 10/01/41	3,070	3,274,462
Fraser Public School District, GO, School Building & Site (AGM), 5.00%, 5/01/25	2,000	2,187,280
Gibraltar School District Michigan, GO, School Building & Site Improvement (NPFGC) (a):		
5.00%, 5/01/14	2,940	3,178,669
5.00%, 5/01/14	710	768,028
Goodrich Area School District, GO, School Building & Site (Q-SBLF):		
5.50%, 5/01/32	600	706,566
5.50%, 5/01/36	1,200	1,388,292
5.50%, 5/01/41	1,575	1,810,573

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Municipal Bonds	Par (000)	Value
Michigan (continued)		
County/City/Special District/School District (concluded)		
Grand Rapids Building Authority Michigan, RB, Series A (AMBAC) (a):		
5.50%, 10/01/12	\$ 435	\$ 438,863
5.50%, 10/01/12	600	605,328
Gull Lake Community School District, GO, School Building & Site (AGM), 5.00%, 5/01/14 (a)	3,625	3,922,612
Harper Creek Community School District Michigan, GO, Refunding (AGM), 5.00%, 5/01/22	1,125	1,251,203
Harper Woods School District Michigan, GO, Refunding, School Building & Site (NPFGC), 5.00%, 5/01/34	430	442,014
Howell Public Schools, Refunding, GO (Q-SBLF), 4.50%, 5/01/29	1,090	1,207,829
Hudsonville Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41	4,100	4,636,567
L Anse Creuse Public Schools Michigan, GO, School Building & Site (AGM):		
5.00%, 5/01/24	1,000	1,096,200
5.00%, 5/01/25	1,525	1,671,705
5.00%, 5/01/26	1,600	1,753,920
5.00%, 5/01/35	3,000	3,124,860
Lansing Building Authority Michigan, GO, Series A (NPFGC), 5.38%, 6/01/13 (a)	1,510	1,575,111
Lincoln Consolidated School District Michigan, GO, Refunding (NPFGC), 4.63%, 5/01/28	5,000	5,285,950
Livonia Public Schools School District Michigan, GO, Refunding, Series A (NPFGC), 5.00%, 5/01/24	1,000	1,062,000
Montrose Community Schools, GO (NPFGC), 6.20%, 5/01/17	1,000	1,229,900
Orchard View Schools Michigan, GO, School Building & Site (NPFGC), 5.00%, 5/01/13 (a)	5,320	5,636,540
Parchment School District, County of Kalamazoo, State of Michigan, GO, School Building and Site, 5.00%, 5/01/25	1,000	1,165,550
Pennfield School District Michigan, GO, School Building & Site (NPFGC) (a):		
5.00%, 5/01/14	765	826,399
5.00%, 5/01/14	605	653,557
Reed City Public Schools Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/14 (a)	1,425	1,541,992
Romulus Community Schools, GO, Unlimited Tax, Refunding (AGM), (Q-SBLF):		
4.13%, 5/01/25	1,150	1,254,144
4.25%, 5/01/26	1,200	1,309,812
4.25%, 5/01/27	1,200	1,298,304
4.50%, 5/01/29	1,025	1,117,773
Southfield Public Schools Michigan, GO, School Building & Site, Series B (AGM), 5.00%, 5/01/14 (a)	2,000	2,163,460
Thornapple Kellogg School District Michigan, GO, School Building & Site (NPFGC), 5.00%, 5/01/32	2,500	2,794,825
Van Dyke Public Schools Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/28	1,250	1,388,050
Zeeland Public Schools Michigan, GO, School Building & Site (NPFGC), 5.00%, 5/01/29	1,600	1,692,048
		108,131,445
Education 9.1%		
Eastern Michigan University, Refunding RB, General (AMBAC), 6.00%, 6/01/20	435	436,731
Grand Valley State University Michigan, RB, General (NPFGC), 5.50%, 2/01/18	2,070	2,283,872
Lake Superior State University, Refunding RB (AGM):		
4.00%, 11/15/26	770	806,128
4.00%, 11/15/27	465	484,409
4.00%, 11/15/28	310	320,943

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)**

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
Michigan (continued)		
Education (concluded)		
Lake Superior State University, Refunding RB (AGM) (concluded):		
4.00%, 11/15/29	\$ 400	\$ 411,884
4.00%, 11/15/30	310	317,487
Michigan Higher Education Facilities Authority, RB, Limited Obligation, Limited Obligation, Hillsdale College Project, 5.00%, 3/01/35	1,720	1,748,191
Michigan Higher Education Student Loan Authority, RB, Student Loan:		
Series XVII-I, 5.20%, 3/01/24	2,900	2,966,961
Series XVII-P, (AMBAC), 4.88%, 3/01/30	2,300	2,341,055
Series XVII-Q, AMT (AMBAC), 5.00%, 3/01/31	3,000	3,091,350
Michigan State University, Refunding RB, General, Series C, 5.00%, 2/15/40	4,700	5,239,325
Michigan Technological University, Refunding RB, General, 5.00%, 10/01/34	1,650	1,854,963
Saginaw Valley State University Michigan, Refunding RB, General (NPFGC), 5.00%, 7/01/24	2,100	2,170,854
Western Michigan University, Refunding RB, General, 5.25%, 11/15/40	2,100	2,382,051
		26,856,204
Health 26.2%		
Dickinson County Healthcare System, Refunding RB, Series A (ACA), 5.80%, 11/01/24	3,100	3,100,062
Flint Hospital Building Authority Michigan, Refunding RB, Hurley Medical Center (ACA):		
6.00%, 7/01/20	1,045	1,066,234
Series A, 5.38%, 7/01/20	615	615,806
Kalamazoo Hospital Finance Authority, RB, Bronson Methodist Hospital (AGM), 5.25%, 5/15/36	4,750	5,254,165
Kent Hospital Finance Authority Michigan, Refunding RB:		
Butterworth, Series A, (NPFGC), 7.25%, 1/15/13 (c)	330	336,046
Spectrum Health, Series A, 5.00%, 11/15/29	4,500	5,099,805
Michigan State Finance Authority, Refunding RB, Trinity Health Credit:		
5.00%, 12/01/31	3,100	3,538,960
5.00%, 12/01/35	3,100	3,456,934
Michigan State Hospital Finance Authority, RB: Ascension Health Senior Credit Group, 5.00%, 11/15/25	3,700	4,201,831
Hospital, MidMichigan Obligation Group, Series A, (AMBAC), 5.50%, 4/15/18	2,530	2,536,907
Hospital, Oakwood Obligation Group, Series A, 5.75%, 4/01/13 (a)	5,000	5,185,450
McLaren Health Care, Series C, 5.00%, 8/01/35	1,000	1,089,680
MidMichigan Obligation Group, Series A, 5.00%, 4/15/26	620	647,640
MidMichigan Obligation Group, Series A, 5.00%, 4/15/36	3,550	3,669,706
Michigan State Hospital Finance Authority, Refunding RB:		
4.00%, 12/01/32	4,460	4,632,691
Henry Ford Health System, Series A, 5.25%, 11/15/46	2,500	2,635,800
Hospital, Crittenton, Series A, 5.63%, 3/01/27	2,050	2,069,741
Hospital, Oakwood Obligation Group, Series A, 5.00%, 7/15/21	600	664,278
Hospital, Oakwood Obligation Group, Series A, 5.00%, 7/15/25	3,260	3,508,770
Hospital, Oakwood Obligation Group, Series A, 5.00%, 7/15/37	630	661,809
Hospital, Sparrow Obligated, 5.00%, 11/15/31	3,100	3,291,797
McLaren Health Care, 5.75%, 5/15/38	4,500	5,033,655
McLaren Healthcare, Series A, 5.00%, 6/01/35	1,390	1,526,929
Oakwood Obligated Group, 5.00%, 11/01/32	4,000	4,436,400
	Par (000)	Value
Municipal Bonds		
Michigan (continued)		
Health (concluded)		

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Michigan State Hospital Finance Authority, Refunding

RB (concluded):

Trinity Health Credit, Series A, 6.25%, 12/01/28	\$ 930	\$ 1,104,291
Trinity Health Credit, Series A, 6.50%, 12/01/33	1,000	1,208,800
Trinity Health Credit, Series C, 5.38%, 12/01/12 (a)	1,000	1,017,280
Trinity Health Credit, Series C, 5.38%, 12/01/12 (a)	3,410	3,468,720
Trinity Health Credit, Series C, 5.38%, 12/01/12 (a)	345	350,962
Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital, 8.25%, 9/01/39	1,000	1,289,910
Sturgis Building Authority, RB, Sturgis Hospital Project (NPFGC), 4.75%, 10/01/34	475	484,970

77,186,029

Housing 4.6%

Michigan State HDA, RB:

Deaconess Tower, AMT (Ginnie Mae), 5.25%, 2/20/48	1,000	1,038,580
Series A, 4.75%, 12/01/25	4,400	4,860,064
Series A, AMT, (NPFGC), 5.30%, 10/01/37	130	130,111
Williams Pavilion, AMT, (Ginnie Mae), 4.75%, 4/20/37	3,775	3,887,268
Michigan State HDA, Refunding RB, Series A, 6.05%, 10/01/41	3,260	3,604,256

13,520,279

State 16.2%

Michigan Municipal Bond Authority, Refunding RB, Local Government, Charter County Wayne,

Series B (AGC), 5.38%, 11/01/24	125	146,491
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Michigan State Building Authority, Refunding RB, Facilities Program:

Series H, (AGM), 5.00%, 10/15/26	4,500	5,159,475
Series I, 6.25%, 10/15/38	3,900	4,565,652
Series I, 5.50%, 10/15/45	1,250	1,440,975
Series I, (AGC), 5.25%, 10/15/24	4,000	4,791,600
Series I, (AGC), 5.25%, 10/15/25	2,000	2,388,560
Series I, (AGC), 5.25%, 10/15/26	600	715,224
Series II, (NPFGC), 5.00%, 10/15/29	3,500	3,645,180
Michigan State Finance Authority, RB, 5.25%, 10/01/41	6,085	6,590,663
Michigan State Finance Authority, RB, Series F, 5.00%, 4/01/31	1,000	1,080,840
Michigan Strategic Fund, Refunding RB, Cadillac Place Office Building Project, 5.25%, 10/15/31	1,500	1,702,455
State of Michigan, RB, GAB (AGM), 5.25%, 9/15/27	5,250	5,841,098

State of Michigan Trunk Line Revenue, RB:

5.00%, 11/15/29	1,000	1,179,700
5.00%, 11/15/33	1,850	2,149,571
5.00%, 11/15/36	3,500	4,042,185
State of Michigan, COP (AMBAC), 2.25%, 6/01/22 (c)(d)	3,000	2,408,220

47,847,889

Transportation 11.5%

Wayne County Airport Authority, RB, Detroit Metropolitan Wayne County Airport, AMT (NPFGC):

5.25%, 12/01/25	7,525	7,904,862
5.25%, 12/01/26	6,300	6,593,769
5.00%, 12/01/34	4,435	4,505,384

Wayne County Airport Authority, Refunding RB, AMT (AGC):

5.75%, 12/01/25	4,000	4,424,040
5.75%, 12/01/26	1,000	1,098,340
5.38%, 12/01/32	8,700	9,277,767

33,804,162

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)**

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
Michigan (concluded)		
Utilities 17.6%		
City of Detroit Michigan, RB:		
Second Lien, Series B, (AGM), 7.00%, 7/01/36	\$ 3,000	\$ 3,646,140
Second Lien, Series B, (NPFGC), 5.00%, 7/01/13 (a)	1,550	1,617,363
Senior Lien, Series A, (NPFGC), 5.00%, 7/01/34	6,000	6,027,480
Series B, (NPFGC), 5.25%, 7/01/13 (a)	11,790	12,329,392
City of Detroit Michigan, Refunding RB, Second Lien, Series C (AGM), 5.00%, 7/01/29	10,470	10,903,563
City of Port Huron Michigan, RB, Water Supply:		
5.25%, 10/01/31	310	342,984
5.63%, 10/01/40	1,000	1,114,680
Lansing Board of Water & Light Utilities System, RB, Series A:		
5.00%, 7/01/27	1,970	2,309,845
5.00%, 7/01/31	4,230	4,905,404
5.00%, 7/01/37	2,065	2,353,026
5.50%, 7/01/41	3,000	3,554,520
Michigan Municipal Bond Authority, RB:		
Clean Water Revolving-Pooled, 5.00%, 10/01/27	1,240	1,473,926
State Clean Water, 5.00%, 10/01/27	1,250	1,444,675
		52,022,998
Total Municipal Bonds in Michigan		377,719,795
Guam 1.9%		
State 1.9%		
Government of Guam Business Privilege Tax Revenue, RB, Series A, 5.13%, 1/01/42	2,300	2,552,747
Territory of Guam, Limited Obligation Bonds, RB, Section 30, Series A, 5.63%, 12/01/29	1,400	1,573,544
Territory of Guam, RB, Series B-1, 5.00%, 1/01/37	1,165	1,285,438
Total Municipal Bonds in Guam		5,411,729
Puerto Rico 6.1%		
State 4.6%		
Puerto Rico Sales Tax Financing Corp., RB:		
First Sub-Series A, 5.50%, 8/01/42	500	538,785
Series A-1, 5.25%, 8/01/43	1,070	1,140,267
Puerto Rico Sales Tax Financing Corp., Refunding RB:		
CAB, Series A (NPFGC), 5.56%, 8/01/42 (d)	4,500	869,355
CAB, Series A, (NPFGC), 5.57%, 8/01/43 (d)	12,500	2,277,125
CAB, Series A, (NPFGC), 5.63%, 8/01/46 (d)	20,000	3,032,200
First Sub-Series C, (AGM), 5.13%, 8/01/42	5,100	5,562,417
		13,420,149
Transportation 1.1%		
Puerto Rico Highway & Transportation Authority, Refunding RB, Series CC (AGC), 5.50%, 7/01/31	2,750	3,351,397
Utilities 0.4%		
Puerto Rico Electric Power Authority, RB, 5.50%, 7/01/38	1,100	1,168,266
Total Municipal Bonds in Puerto Rico		17,939,812
Total Municipal Bonds 136.1%		401,071,336
Municipal Bonds Transferred to		
Tender Option Bond Trusts (e)		
Michigan 20.0%		
County/City/Special District/School District 4.2%		
Lakewood Public Schools Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/37	6,470	7,226,343

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Municipal Bonds Transferred to Tender Option Bond Trusts (e)	Par (000)	Value
Michigan (concluded)		
County/City/Special District/School District (concluded)		
Portage Public Schools Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/31	\$ 4,650	\$ 5,078,544
		12,304,887
Education 7.3%		
Saginaw Valley State University, Refunding RB, General (AGM), 5.00%, 7/01/31	7,500	8,226,450
Wayne State University, Refunding RB, General (AGM), 5.00%, 11/15/35	12,207	13,325,522
		21,551,972
Health 1.2%		
Michigan Finance Authority, Refunding RB, Refunding Trinity Health, 5.00%, 12/01/39	3,350	3,710,427
Housing 2.6%		
Michigan HDA, RB, Rental Housing, Series A, 6.00%, 10/01/45	6,990	7,603,512
Utilities 4.7%		
City of Grand Rapids Michigan, RB (NPFGC), 5.00%, 1/01/34	11,387	12,102,405
Detroit Water and Sewerage Department, Refunding RB, 5.25%, 7/01/39	1,649	1,739,204
		13,841,609
Total Municipal Bonds in Michigan		59,012,407
Puerto Rico 0.4%		
State 0.4%		
Puerto Rico Sales Tax Financing Corp., Refunding RB, Series C, 5.25%, 8/01/40	1,060	1,177,114
Total Municipal Bonds Transferred to Tender Option Bond Trusts 20.4%		60,189,521
Total Long-Term Investments (Cost \$425,518,555) 156.5%		461,260,857
Short-Term Securities		
	Shares	
BIF Michigan Municipal Money Fund, 0.00% (f)(g)	9,419,517	9,419,517
Total Short-Term Securities (Cost \$9,419,517) 3.2%		9,419,517
Total Investments (Cost \$434,938,072) 159.7%		470,680,374
Liabilities in Excess of Other Assets (0.6%)		(1,696,402)
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (10.0%)		(29,579,921)
VRDP Shares, at Liquidation Value (49.1%)		(144,600,000)
Net Assets Applicable to Common Shares 100.0%		\$ 294,804,051

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

Counterparty	Value	Unrealized Appreciation
Stifel Nicolaus & Co.	\$ 5,207,284	\$ 38,292

(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.

See Notes to Financial Statements.

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Schedule of Investments (concluded)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

(e) Securities represent bonds transferred to a TOB in exchange for which the Fund s 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 TOBs.

(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, were as follows:

Affiliate	Shares Held at July 31, 2011	Net Activity	Shares Held at July 31, 2012	Income
BIF Michigan Municipal Money Fund	6,928,754	2,490,763	9,419,517	

(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. These definitions 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. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 unadjusted 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)

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund s policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments is based on the pricing transparency of the investment and is not necessarily an indication of the risks 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 Fund s investments categorized in the disclosure hierarchy as of July 31, 2012:

	Level 1	Level 2	Level 3	Total
Assets:				

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Investments:

Long-Term

Investments ¹		\$ 461,260,857	\$ 461,260,857
Short-Term Securities	\$ 9,419,517		9,419,517
Total	\$ 9,419,517	\$ 461,260,857	\$ 470,680,374

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

Certain of the Fund's liabilities are held at carrying amount, which approximates fair value for financial statement purposes. As of July 31, 2012, such liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Liabilities:				
TOB trust certificates		\$ (29,568,191)		\$ (29,568,191)
VRDP Shares		(144,600,000)		(144,600,000)
Total		\$ (174,168,191)		\$ (174,168,191)

There were no transfers between levels during the year ended July 31, 2012.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments** July 31, 2012**BlackRock MuniYield New Jersey Quality Fund, Inc. (MJI)**

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
New Jersey 120.4%		
Corporate 5.3%		
New Jersey EDA, RB, New Jersey American Water Co., Inc. Project, Series A, AMT (AMBAC), 5.25%, 11/01/32	\$ 1,000	\$ 1,014,260
New Jersey EDA, Refunding RB, New Jersey American Water Co., Inc. Project, AMT: Series A, 5.70%, 10/01/39	5,000	5,594,800
Series B, 5.60%, 11/01/34	1,000	1,138,500
		7,747,560
County/City/Special District/School District 14.7%		
Borough of Hopatcong New Jersey, GO, Refunding, Sewer (AMBAC), 4.50%, 8/01/33	750	796,762
City of Perth Amboy New Jersey, GO, Refunding, CAB (AGM), 5.00% 7/01/35 (a)	1,250	1,345,100
County of Hudson New Jersey, COP, Refunding (NPFGC), 6.25%, 12/01/16	1,000	1,163,380
County of Middlesex New Jersey, COP, Refunding (NPFGC), 5.00%, 8/01/22	3,000	3,002,010
County of Union New Jersey, GO: 4.00%, 3/01/29	1,060	1,162,375
4.00%, 3/01/30	1,060	1,153,905
4.00%, 3/01/31	1,200	1,299,636
Edgewater Borough Board of Education, GO (AGM): 4.25%, 3/01/34	300	336,717
4.25%, 3/01/35	300	336,057
4.30%, 3/01/36	300	336,228
Essex County Improvement Authority, Refunding RB, AMT (NPFGC), 4.75%, 11/01/32	1,000	1,040,430
Hudson County Improvement Authority, RB: CAB, Series A-1, (NPFGC), 4.70%, 12/15/32 (b)	1,000	387,820
County Secured, County Services Building Project (AGM), 5.00%, 4/01/27	250	271,840
Harrison Parking Facility Project, Series C (AGC), 5.25%, 1/01/39	1,000	1,116,190
Harrison Parking Facility Project, Series C (AGC), 5.38%, 1/01/44	1,400	1,570,156
Monmouth County Improvement Authority, RB, Governmental Loan (AMBAC): 5.00%, 12/01/17	5	5,011
5.00%, 12/01/18	5	5,010
5.00%, 12/01/19	5	5,009
Monmouth County Improvement Authority, Refunding RB, Governmental Loan (AMBAC): 5.20%, 12/01/14	5	5,013
5.25%, 12/01/15	5	5,013
New Jersey State Transit Corp., COP, Federal Transit Administration Grants, Subordinate, Series A (AGM), 5.00%, 9/15/21	1,000	1,063,080
Newark Housing Authority, Refunding RB, Newark Redevelopment Project (NPFGC), 4.38%, 1/01/37	3,600	3,386,160
Union County Improvement Authority, RB, Family Court Building Project, 4.00%, 5/01/37	1,425	1,452,631
		21,245,533
Education 25.7%		
New Jersey Educational Facilities Authority, RB: Montclair State University, Series A, (AMBAC), 5.00%, 7/01/21	1,600	1,823,824
Rowan University, Series C (NPFGC), 5.00%, 7/01/14 (c)	1,185	1,289,920
New Jersey Educational Facilities Authority, Refunding RB: College of New Jersey, Series D (AGM), 5.00%, 7/01/35	3,805	4,171,421
Kean University, Series A, 5.25%, 9/01/29	2,500	2,841,100
Municipal Bonds		Value

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	Par (000)	
New Jersey (continued)		
Education (concluded)		
New Jersey Educational Facilities Authority, Refunding RB (concluded)		
Montclair State University, Series J (NPFGC), 4.25%, 7/01/30	\$ 2,895	\$ 2,988,740
New Jersey Institute of Technology, Series H, 5.00%, 7/01/31	1,000	1,119,040
Ramapo College, Series I (AMBAC), 4.25%, 7/01/31	1,250	1,298,275
Ramapo College, Series I (AMBAC), 4.25%, 7/01/36	3,890	4,006,078
Rowan University, Series B (AGC), 5.00%, 7/01/26	2,575	2,874,421
Stevens Institute of Technology, Series A, 5.00%, 7/01/34	1,500	1,584,810
William Paterson University, Series C (AGC), 4.75%, 7/01/34	1,115	1,209,340
William Paterson University, Series E (Syncora), 5.00%, 7/01/21	1,725	1,730,451
New Jersey Higher Education Student Assistance Authority, RB, Senior Student Loan, Series 1A, AMT: 4.50%, 12/01/28	1,170	1,216,040
4.50%, 12/01/29	1,550	1,597,771
4.63%, 12/01/30	1,475	1,530,799
New Jersey Institute of Technology, RB, Series A, 5.00%, 7/01/42	1,900	2,159,179
University of Medicine & Dentistry of New Jersey, RB, Series A (AMBAC): 5.50%, 12/01/18	570	576,675
5.50%, 12/01/19	1,145	1,158,408
5.50%, 12/01/20	1,130	1,142,656
5.50%, 12/01/21	865	874,108
		37,193,056
Health 10.3%		
New Jersey Health Care Facilities Financing Authority, RB (AGC):		
Meridian Health, Series I, 5.00%, 7/01/38	725	776,243
Meridian Health, Series II, 5.00%, 7/01/38	990	1,059,973
Meridian Health, Series V, 5.00%, 7/01/38	965	1,033,206
Virtua Health, 5.50%, 7/01/38	1,000	1,112,800
New Jersey Health Care Facilities Financing Authority, Refunding RB:		
AHS Hospital Corp., 6.00%, 7/01/41	1,100	1,323,993
Barnabas Health Issue, Series A, 5.00%, 7/01/24	1,820	1,944,051
Barnabas Health Issue, Series A, 5.63%, 7/01/37	1,200	1,305,564
Barnabas Health, Series A, 5.63%, 7/01/32	440	483,125
Hackensack University Medical (AGM), 4.63%, 1/01/30	2,315	2,490,037
Kennedy Health System, 5.00%, 7/01/31	210	229,927
Kennedy Health System, 5.00%, 7/01/37	210	227,581
Kennedy Health System, 5.00%, 7/01/42	140	151,841
Meridian Health System Obligation, 5.00%, 7/01/25	300	340,518
Meridian Health System Obligation, 5.00%, 7/01/26	2,130	2,393,801
		14,872,660
Housing 7.3%		
New Jersey State Housing & Mortgage Finance Agency, RB:		
Capital Fund Program, Series A (AGM), 4.70%, 11/01/25	3,350	3,514,753
M/F, 4.55%, 11/01/43	1,425	1,458,431
S/F Housing, Series T, AMT, 4.70%, 10/01/37	490	502,348
Series A, AMT (NPFGC), 4.90%, 11/01/35	820	826,781

See Notes to Financial Statements.

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Schedule of Investments (continued)

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

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
New Jersey (continued)		
Housing (concluded)		
New Jersey State Housing & Mortgage Finance Agency, RB (concluded):		
Series A, AMT (NPFGC), 4.85%, 11/01/39	\$ 400	\$ 406,108
Series AA, 6.50%, 10/01/38	755	806,310
Series B, 4.50%, 10/01/30	2,850	3,079,852
		10,594,583
State 25.5%		
Garden State Preservation Trust, RB (AGM):		
CAB, Series B, 2.82%, 11/01/23 (b)	6,725	4,908,779
Election of 2005, Series A, 5.80%, 11/01/15 (c)	2,605	3,047,016
New Jersey EDA, RB:		
CAB, Motor Vehicle Surcharge, Series R, (NPFGC), 3.53%, 7/01/21 (b)	2,325	1,701,830
Cigarette Tax, (Radian), 5.50%, 6/15/14 (c)	225	246,578
Cigarette Tax, (Radian), 5.75%, 6/15/14 (c)	785	863,940
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/25	1,000	1,226,190
Motor Vehicle Surcharge, Series A (NPFGC), 5.00%, 7/01/29	3,500	3,728,165
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/33	8,500	9,099,080
School Facilities Construction, Series Z (AGC), 6.00%, 12/15/34	1,200	1,414,200
School Facilities, Series U, 5.00%, 9/01/37	3,000	3,242,640
School Facilities, Series U (AMBAC), 5.00%, 9/01/37	1,000	1,080,880
New Jersey EDA, Refunding RB:		
5.00%, 6/15/26	355	394,476
5.00%, 6/15/28	910	1,002,301
5.00%, 6/15/29	1,195	1,310,019
New Jersey Sports & Exposition Authority, Refunding RB (NPFGC):		
5.50%, 3/01/21	1,540	1,842,533
5.50%, 3/01/22	1,050	1,263,024
State of New Jersey, COP, Equipment Lease Purchase, Series A, 5.25%, 6/15/27	500	567,750
		36,939,401
Tobacco 1.2%		
Tobacco Settlement Financing Corp. New Jersey, RB, 7.00%, 6/01/13 (c)	1,715	1,811,743
Transportation 21.0%		
Delaware River Port Authority, RB, Series D (AGM):		
5.05%, 1/01/35	1,430	1,584,483
5.00%, 1/01/40	1,500	1,650,960
New Jersey State Turnpike Authority, RB:		
Growth & Income Securities, Series B (AMBAC), %, 1/01/15 (a)	3,005	2,804,807
Series A, 5.00%, 1/01/31	2,000	2,342,080
Series A, 5.00%, 1/01/35	700	806,645
New Jersey State Turnpike Authority, Refunding RB, Series A (AGM), 5.25%, 1/01/29	2,000	2,576,920
New Jersey Transportation Trust Fund Authority, RB, Transportation System:		
5.25%, 6/15/36	760	875,680
5.50%, 6/15/31	730	866,831
	4,750	1,898,005

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CAB, Series C (AGM), 4.55%, 12/15/32 (b)		
CAB, Series C (AMBAC), 4.77%, 12/15/35 (b)	2,760	916,679
Series A (AGM), 5.25%, 12/15/20	4,250	5,259,927
Series A (AGM), 5.50%, 12/15/22	150	190,478
	Par (000)	Value
Municipal Bonds		
New Jersey (concluded)		
Transportation (concluded)		
New Jersey Transportation Trust Fund Authority, RB, Transportation System (concluded)		
Series A, 6.00%, 6/15/35	\$ 2,000	\$ 2,466,020
Series A (AGC), 5.63%, 12/15/28	780	922,857
Port Authority of New York & New Jersey, RB:		
Consolidated, 93rd Series, 6.13%, 6/01/94	1,000	1,252,490
JFK International Air Terminal, 6.00%, 12/01/42	1,500	1,698,795
Port Authority of New York & New Jersey, Refunding RB, Consolidated 152nd Series, AMT, 5.75%, 11/01/30	2,000	2,388,600
		30,502,257
Utilities 9.4%		
Essex County Utilities Authority, Refunding RB (AGC), 4.13%, 4/01/22	1,000	1,080,040
Jersey City Municipal Utilities Authority, Refunding RB (AMBAC), 6.25%, 1/01/14	1,935	2,003,073
New Jersey EDA, Refunding RB, United Water of New Jersey Inc., Series B (AMBAC), 4.50%, 11/01/25	1,000	1,089,190
North Hudson Sewerage Authority, Refunding RB, Series A (NPFGC), 5.13%, 8/01/20 (d)	1,710	2,173,000
Rahway Valley Sewerage Authority, RB, CAB, Series A (NPFGC) (b):		
4.00%, 9/01/26	4,100	2,346,840
4.26%, 9/01/29	2,750	1,337,517
4.50%, 9/01/33	2,350	919,790
Union County Utilities Authority, Refunding RB:		
New Jersey Solid Waste System, County Deficiency Agreement, Series A, 5.00%, 6/15/41	2,155	2,470,406
Resource Recovery Facility, Covanta Union, Series A, AMT, 5.25%, 12/01/31	200	222,266
		13,642,122
Total Municipal Bonds in New Jersey		174,548,915
Guam 1.5%		
State 1.5%		
Government of Guam Business Privilege Tax Revenue, RB, Series A, 5.13%, 1/01/42	1,600	1,775,824
Territory of Guam, RB, Series B-1, 5.00%, 1/01/37	275	303,430
Total Municipal Bonds in Guam		2,079,254
Puerto Rico 11.1%		
Health 2.9%		
Puerto Rico Industrial Tourist Educational Medical & Environmental Control Facilities Financing Authority, RB, Hospital De La Concepcion, Series A, 6.13%, 11/15/30	4,220	4,230,930
State 6.5%		
Commonwealth of Puerto Rico, GO, Refunding, Public Improvement, Series C, 6.00%, 7/01/39	1,500	1,641,720
Puerto Rico Commonwealth Infrastructure Financing Authority, RB, CAB, Series A (b):		
(AMBAC), 6.02%, 7/01/37	2,250	513,045
(NPFGC), 5.42%, 7/01/30	2,750	1,054,515
Puerto Rico Sales Tax Financing Corp., RB:		
First Sub-Series A, 5.50%, 8/01/42	700	754,299
First Sub-Series A, 6.00%, 8/01/42	1,000	1,130,830
Puerto Rico Sales Tax Financing Corp., Refunding RB:		
CAB, Series A (NPFGC), 5.55%, 8/01/41 (b)	4,000	817,440
First Sub-Series C (AGM), 5.13%, 8/01/42	2,380	2,595,794
Series A-1, 5.25%, 8/01/43	800	852,536
		9,360,179

See Notes to Financial Statements.

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Schedule of Investments (continued)

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

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
Puerto Rico (concluded)		
Transportation 1.0%		
Puerto Rico Highway & Transportation Authority, Refunding RB, Series CC (AGC), 5.50%, 7/01/31	\$ 1,185	\$ 1,444,148
Utilities 0.7%		
Puerto Rico Electric Power Authority, RB, Series XX, 5.75%, 7/01/36	1,000	1,096,380
Total Municipal Bonds in Puerto Rico		16,131,637
Total Municipal Bonds 133.0%		192,759,806
Municipal Bonds Transferred to Tender Option Bond Trusts (e)		
New Jersey 19.5%		
Education 3.1%		
Rutgers State University of New Jersey, Refunding RB, Rutgers University, Series F, 5.00%, 5/01/39	4,003	4,457,685
Housing 1.5%		
New Jersey State Housing & Mortgage Finance Agency, RB, Capital Fund Program, Series A (AGM), 5.00%, 5/01/27	1,980	2,194,592
State 3.1%		
Garden State Preservation Trust, RB, Election of 2005, Series A (AGM), 5.75%, 11/01/28	3,300	4,440,513
Transportation 8.0%		
Port Authority of New York & New Jersey, RB: Consolidated, 163rd Series, 5.00%, 7/15/39	4,089	4,644,985
Consolidated, 169th Series, AMT, 5.00%, 10/15/41	4,500	4,960,755
Port Authority of New York & New Jersey, Refunding RB, 152nd Series, Consolidated, AMT, 5.25%, 11/01/35	1,829	2,022,781
		11,628,521
Utilities 3.8%		
Union County Utilities Authority, Refunding RB, Covanta Union, Series A, AMT, 5.25%, 12/01/31	4,930	5,478,857
Total Municipal Bonds in New Jersey		28,200,168
Puerto Rico 0.4%		
State 0.4%		
Puerto Rico Sales Tax Financing Corp., Refunding RB, Series C, 5.25%, 8/01/40	520	577,452
Total Municipal Bonds Transferred to Tender Option Bond Trusts 19.9%		28,777,620
Total Long-Term Investments		
(Cost \$203,697,327) 152.9%		221,537,426
Short-Term Securities	Shares	Value
BIF New Jersey Municipal Money Fund, 0.00% (f)(g)	1,036,548	\$ 1,036,548
Total Short-Term Securities		
(Cost \$1,036,548) 0.7%		1,036,548
Total Investments (Cost \$204,733,875) 153.6%		222,573,974
Other Assets Less Liabilities 0.8%		1,144,971
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (9.9)%		(14,376,968)

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VRDP Shares, at Liquidation Value (44.4)% (64,400,000)

Net Assets Applicable to Common Shares 100.0% \$ 144,941,977

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

(e) Securities represent bonds transferred to a TOB in exchange for which the Fund s 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 TOBs.

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

Affiliate	Shares Held at July 31, 2011	Net Activity	Shares Held at July 31, 2012	Income
BIF New Jersey Municipal Money Fund	6,306,835	(5,270,287)	1,036,548	\$ 120

(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. These definitions 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. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 unadjusted 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)

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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)

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments is based on the pricing transparency of the investment and is not necessarily an indication of the risks 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.

See Notes to Financial Statements.

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Table of Contents**Schedule of Investments (concluded)****BlackRock MuniYield New Jersey Quality Fund, Inc. (MJI)**

The following tables summarize the Fund's investments categorized in the disclosure hierarchy as of July 31, 2012:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term				
Investments ¹		\$ 221,537,426		\$ 221,537,426
Short-Term Securities	\$ 1,036,548			1,036,548
Total	\$ 1,036,548	\$ 221,537,426		\$ 222,573,974

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

Certain of the Fund's liabilities are held at carrying amount, which approximates fair value for financial statement purposes. As of July 31, 2012, such liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Liabilities:				
TOB trust certificates		\$ (14,371,049)		\$ (14,371,049)
VRDP Shares		(64,400,000)		(64,400,000)
Total		\$ (78,771,049)		\$ (78,771,049)

There were no transfers between levels during the year ended July 31, 2012.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments** July 31, 2012**BlackRock MuniYield Pennsylvania Quality Fund (MPA)**

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
Pennsylvania 106.1%		
Corporate 7.6%		
Beaver County IDA, Refunding RB, FirstEnergy, Mandatory Put Bonds, 3.38%, 1/01/35 (a)	\$ 1,200	\$ 1,225,944
Delaware County IDA Pennsylvania, Refunding RB, Water Facilities, Aqua Pennsylvania, Inc. Project, Series B, AMT (NPFGC), 5.00%, 11/01/36	2,520	2,628,738
Northumberland County IDA, Refunding RB, Aqua Pennsylvania, Inc. Project, AMT (NPFGC), 5.05%, 10/01/39	4,500	4,629,870
Pennsylvania Economic Development Financing Authority, RB:		
Aqua Pennsylvania, Inc. Project, Series B, 4.50%, 12/01/42	3,630	3,887,548
Waste Management, Inc. Project, Series A, AMT, 5.10%, 10/01/27	1,200	1,265,928
Pennsylvania Economic Development Financing Authority, Refunding RB, Amtrak Project, Series A, AMT, 5.00%, 11/01/41	865	937,098
		14,575,126
County/City/Special District/School District 28.1%		
Chambersburg Area School District, GO (NPFGC):		
5.25%, 3/01/26	2,115	2,344,964
5.25%, 3/01/27	2,500	2,759,675
City of Philadelphia Pennsylvania, GO, Refunding, Series A:		
(AGC), 5.00%, 8/01/24	2,000	2,258,540
(AGM), 5.25%, 12/15/32	5,000	5,565,100
City of Pittsburgh Pennsylvania, GO, Refunding, Series B, 5.00%, 9/01/26	970	1,117,003
Connellsville Area School District, GO, Series B (AGM), 5.00%, 11/15/37	1,000	1,019,330
County of York Pennsylvania, GO, Refunding, 5.00%, 3/01/36	400	448,796
East Stroudsburg Area School District, GO, Series A:		
(AGM), 5.00%, 9/01/25	7,000	7,830,340
(NPFGC), 7.75%, 9/01/27	2,000	2,526,960
Falls Township Pennsylvania, RB, Water & Sewer Authority, 5.00%, 12/01/37	1,070	1,205,890
Lower Merion School District, GO, Refunding, Series A, 3.25%, 11/15/27	2,035	2,118,923
Lycoming County, GO, Series A (AGM) (b):		
4.00%, 8/15/38	645	659,300
4.00%, 8/15/42	140	142,975
Marple Newtown School District, GO (AGM), 5.00%, 6/01/31	3,500	4,150,230
Northeastern School District York County, GO, Series B (NPFGC), 5.00%, 4/01/32	1,585	1,718,425
Philadelphia Redevelopment Authority, RB, Quality Redevelopment Neighborhood, Series B, AMT (NPFGC), 5.00%, 4/15/27	4,645	4,806,600
Philadelphia School District, GO:		
Series B (NPFGC), 5.63%, 8/01/21	2,650	2,650,000
Series E, 6.00%, 9/01/38	3,300	3,750,351
Philadelphia School District, GO, Refunding, Series A (BHAC), 5.00%, 6/01/34	1,000	1,189,150
Philipsburg Osceola Area School District Pennsylvania, GO (AGM):		
5.00%, 4/01/41	755	801,531
Series A, 4.00%, 4/01/35 (b)	600	615,756
Series A, 4.00%, 4/01/38 (b)	595	601,069
Series A, 4.00%, 4/01/41 (b)	225	227,504
Shaler Area School District Pennsylvania, GO, CAB (Syncora), 3.79%, 9/01/30 (c)	6,145	3,117,543
		53,625,955
Municipal Bonds	Par (000)	Value
Pennsylvania (continued)		

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Education 9.7%		
Adams County IDA, Refunding RB, Gettysburg College, 5.00%, 8/15/26	\$ 100	\$ 114,198
Pennsylvania Higher Educational Facilities Authority, RB, Series A:		
Drexel University, (NPFGC), 5.00%, 5/01/37	1,500	1,614,435
University of Pennsylvania Health System, 4.00%, 8/15/39	7,600	7,725,780
University of Pennsylvania Health System, 5.00%, 8/15/42	1,505	1,670,460
Pennsylvania Higher Educational Facilities Authority, Refunding RB:		
Drexel University, Series A, 5.25%, 5/01/41	2,750	3,103,238
State System Higher Education, Series AI, 5.00%, 6/15/35	1,780	2,054,885
State Public School Building Authority, RB, Community College Allegheny County Project (AGM), 5.00%, 7/15/34	1,880	2,108,984
		18,391,980
Health 14.4%		
Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26	2,000	2,642,160
Berks County Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A , 5.00%, 11/01/40	1,175	1,294,967
Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46	2,020	2,442,140
County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33	7,995	8,577,676
Cumberland County Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39	500	544,175
Montgomery County Higher Education & Health Authority, RB, Abington Memorial Hospital (b):		
3.75%, 6/01/31	470	461,869
3.25%, 6/01/26	625	605,956
Montgomery County Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33	490	537,373
Montgomery County IDA Pennsylvania, RB, Acts Retirement Life Community:		
4.50%, 11/15/36	295	296,239
Series A-1, 6.25%, 11/15/29	235	272,800
Montgomery County IDA Pennsylvania, Refunding RB, Acts Retirement Life Community:		
5.00%, 11/15/27	690	751,293
5.00%, 11/15/28	445	482,603
5.00%, 11/15/29	150	161,538
Philadelphia Hospitals & Higher Education Facilities Authority, Refunding RB, Presbyterian Medical Center, 6.65%, 12/01/19 (d)	3,000	3,663,420
Saint Mary Hospital Authority, Refunding RB, Catholic Health East, Series A:		
5.00%, 11/15/26	1,325	1,451,842
5.00%, 11/15/27	945	1,029,492
South Fork Municipal Authority, Refunding RB, Conemaugh Valley Memorial, Series B (AGC), 5.38%, 7/01/35	2,000	2,220,780
		27,436,323
Housing 4.5%		
Pennsylvania HFA, RB, Series 95-A, AMT, 4.90%, 10/01/37	1,000	1,019,010
Pennsylvania HFA, Refunding RB:		
4.75%, 10/01/39	1,035	1,055,327
S/F Mortgage, Series 92-A, AMT, 4.75%, 4/01/31	670	683,239
Series 99-A, AMT, 5.15%, 4/01/38	860	932,137

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock MuniYield Pennsylvania Quality Fund (MPA)**

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
Pennsylvania (continued)		
Housing (concluded)		
Pennsylvania HFA, Refunding RB (concluded):		
Series 105C, 4.88%, 10/01/34	\$ 1,730	\$ 1,837,485
Philadelphia Housing Authority Capital Fund Program, RB, Series A (AGM), 5.50%, 12/01/18	3,000	3,063,390
		8,590,588
State 7.1%		
Commonwealth of Pennsylvania, GO, First Series, 5.00%, 6/01/28	1,250	1,531,900
Pennsylvania Turnpike Commission, RB, Series C of 2003 Pennsylvania Turnpike (NPFGC), 5.00%, 12/01/32	3,600	3,992,616
State Public School Building Authority, RB (AGM):		
CAB, Corry Area School District, 3.00%, 12/15/22 (c)	1,640	1,204,728
CAB, Corry Area School District, 3.12%, 12/15/23 (c)	1,980	1,392,851
CAB, Corry Area School District, 3.21%, 12/15/24 (c)	1,980	1,335,549
CAB, Corry Area School District, 3.34%, 12/15/25 (c)	1,770	1,136,747
School District Philadelphia Project, Series B, 5.00%, 6/01/26	1,500	1,591,095
State Public School Building Authority, Refunding RB, Harrisburg School District Project, Series A (AGC), 5.00%, 11/15/33	1,200	1,313,184
		13,498,670
Transportation 19.9%		
City of Philadelphia, Pennsylvania, ARB, Series A:		
5.00%, 6/15/40	2,500	2,679,500
AMT (AGM), 5.00%, 6/15/37	7,500	7,862,550
Delaware River Port Authority, RB, Series D (AGM), 5.00%, 1/01/40	1,560	1,716,999
Pennsylvania Turnpike Commission, Enhanced Turnpike Subordinate Special Revenue, RB:		
5.00%, 12/01/37	705	797,545
5.00%, 12/01/42	2,100	2,372,076
Pennsylvania Turnpike Commission, RB:		
5.25%, 12/01/41	1,750	1,953,560
Senior Lien, Series A, 5.00%, 12/01/42	2,500	2,853,000
Series A (AMBAC), 5.50%, 12/01/31	7,800	8,505,432
Series A (AMBAC), 5.25%, 12/01/32	350	379,659
Sub-Series A, 6.00%, 12/01/41 700		795,375
Sub-Series B (AGM), 5.25%, 6/01/39	3,500	3,893,960
Southeastern Pennsylvania Transportation Authority, RB, Capital Grant Receipts:		
5.00%, 6/01/28	1,570	1,801,512
5.00%, 6/01/29	2,080	2,381,517
		37,992,685
Utilities 14.8%		
Allegheny County Sanitation Authority, Refunding RB, Series A (NPFGC), 5.00%, 12/01/30		
	5,000	5,520,250
Bucks County Water & Sewer Authority, RB, Water System, 5.00%, 12/01/41		
	500	567,350
City of Philadelphia Pennsylvania, RB (AGM):		
1998 General Ordinance, 4th Series (AGM), 5.00%, 8/01/32		
	3,300	3,342,372
Ninth Series, 5.25%, 8/01/40		
	1,430	1,528,127
Series A, 5.25%, 1/01/36		
	700	777,910
Series C (AGM), 5.00%, 8/01/40		
	3,000	3,344,850

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Delaware County IDA Pennsylvania, RB, Pennsylvania Suburban Water Co. Project, Series A, AMT (AMBAC), 5.15%, 9/01/32

	5,500 Par (000)	5,593,335 Value
Municipal Bonds		
Pennsylvania (concluded)		
Utilities (concluded)		
Lycoming County Water & Sewer Authority, RB (AGM), 5.00%, 11/15/41	\$ 400	\$ 431,608
Northampton Boro Municipal Authority, RB (NPFGC), 5.00%, 5/15/34	935	962,180
Pennsylvania Economic Development Financing Authority, RB:		
American Water Co. Project, 6.20%, 4/01/39	1,300	1,523,886
Philadelphia Biosolids Facility, 6.25%, 1/01/32	1,420	1,583,698
Reading Area Water Authority Pennsylvania, RB (AGM), 5.00%, 12/01/27	2,680	2,943,551
		28,119,117
Total Municipal Bonds in Pennsylvania		202,230,444
Guam 1.8%		
State 0.5%		
Territory of Guam, Limited Obligation Bonds, RB, Section 30, Series A, 5.63%, 12/01/29	805	904,788
Transportation 1.3%		
Guam International Airport Authority, Refunding RB, Series C, AMT (NPFGC), 5.00%, 10/01/23	2,500	2,533,025
Total Municipal Bonds in Guam		3,437,813
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	1,388,999
Total Municipal Bonds 108.6%		207,057,256
Municipal Bonds Transferred to Tender Option Bond Trusts (e)		
Pennsylvania 48.4%		
County/City/Special District/School District 5.0%		
Erie County Conventional Center Authority, RB, 5.00%, 1/15/36	8,850	9,502,848
Education 8.9%		
Pennsylvania Higher Educational Facilities Authority, RB:		
Series AE (NPFGC), 4.75%, 6/15/32	8,845	9,343,572
University of Pennsylvania Health System, 5.75%, 8/15/41	4,270	5,008,881
University of Pittsburgh Pennsylvania, RB, Capital Project, Series B, 5.00%, 9/15/28	2,202	2,637,242
		16,989,695
Health 9.7%		
Geisinger Authority, RB:		
5.13%, 6/01/34	2,500	2,783,450
5.25%, 6/01/39	3,128	3,482,770
5.13%, 6/01/41	6,270	7,038,137
Philadelphia Hospitals & Higher Education Facilities Authority, 5.00%, 7/01/41	4,680	5,187,125
		18,491,482
Housing 3.9%		
Pennsylvania HFA, Refunding RB:		
AMT, 4.70%, 10/01/37	2,920	2,980,707
S/F Mortgage, Series 113, 4.85%, 10/01/37	4,120	4,377,253
		7,357,960

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (concluded)****BlackRock MuniYield Pennsylvania Quality Fund (MPA)**

(Percentages shown are based on Net Assets)

Municipal Bonds Transferred to Tender Option Bond Trusts (e)	Par (000)	Value
Pennsylvania (concluded)		
State 20.9%		
Commonwealth of Pennsylvania, GO, First Series:		
5.00%, 3/15/28	\$ 5,203	\$ 6,231,284
5.00%, 11/15/30	6,350	7,617,651
Pennsylvania Turnpike Commission, RB, Series C of 2003 Pennsylvania Turnpike, 5.00%, 12/01/32	10,000	11,090,600
State Public School Building Authority, Refunding RB, School District of Philadelphia Project, Series B (AGM), 5.00%, 6/01/26	14,026	14,878,001
		39,817,536
Total Municipal Bonds in Pennsylvania		92,159,521
Puerto Rico 2.9%		
State 2.9%		
Puerto Rico Sales Tax Financing Corp., Refunding RB, Series C, 5.25%, 8/01/40	5,000	5,552,300
Total Municipal Bonds Transferred to Tender Option Bond Trusts 51.3%		97,711,821
Total Long-Term Investments		
(Cost \$282,607,101) 159.9%		304,769,077
Short-Term Securities	Shares	
BIF Pennsylvania Municipal Money Fund, 0.00% (f)(g)	3,976,718	3,976,718
Total Short-Term Securities (Cost \$3,976,718) 2.1%		3,976,718
Total Investments (Cost \$286,583,819) 162.0%		308,745,795
Liabilities in Excess of Other Assets (0.5)%		(1,005,130)
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (26.7)%		(50,878,180)
VRDP Shares, at Liquidation Value (34.8)%		(66,300,000)
Net Assets Applicable to Common Shares 100.0%		\$ 190,562,485

(a) Variable rate security. Rate shown is as of report date.

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

Counterparty	Value	Unrealized Appreciation (Depreciation)
First Clearing LLC	\$ 2,246,604	\$ 57,788
Goldman Sachs Group, Inc.	\$ 1,067,825	\$ (881)

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

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

(e) Securities represent bonds transferred to a TOB in exchange for which the Fund s 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 TOBs.

(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, were as follows:

Affiliate	Shares Held at July 31, 2011	Net Activity	Shares Held at July 31, 2012	Income
BIF Pennsylvania Municipal Money Fund	8,744,788	(4,768,070)	3,976,718	\$ 1

(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. These definitions 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. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 unadjusted 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)

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund s policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments is based on the pricing transparency of the investment and is not necessarily an indication of the risks 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 Fund s investments categorized in the disclosure hierarchy as of July 31, 2012:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term				
Investments ¹		\$ 304,769,077		\$ 304,769,077
Short-Term				
Securities	\$ 3,976,718			3,976,718

Total	\$ 3,976,718	\$ 304,769,077	\$ 308,745,795
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¹ See above Schedule of Investments for values in each sector.

Certain of the Fund's assets and liabilities are held at carrying amount, which approximates fair value for financial statement purposes. As of July 31, 2012, such assets and liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Cash	\$ 78,760			\$ 78,760
Liabilities:				
TOB trust certificates		\$ (50,859,902)		(50,859,902)
VRDP Shares		(66,300,000)		(66,300,000)
Total	\$ 78,760	\$ (117,159,902)		\$ (117,081,142)

There were no transfers between levels during the year ended July 31, 2012.

See Notes to Financial Statements.

Table of Contents**Statements of Assets and Liabilities**

July 31, 2012	BlackRock MuniHoldings California Quality Fund, Inc. (MUC)	BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ)	BlackRock MuniYield Investment Quality Fund (MFT)	BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)	BlackRock MuniYield New Jersey Quality Fund, Inc. (MJJ)	BlackRock MuniYield Pennsylvania Quality Fund (MPA)
Assets						
Investments at value unaffiliated	\$ 1,101,645,460	\$ 546,683,781	\$ 224,542,903	\$ 461,260,857	\$ 221,537,426	\$ 304,769,077
Investments at value affiliated	19,427,466	4,620,110		9,419,517	1,036,548	3,976,718
Cash			340,224			78,760
Interest receivable	14,647,892	4,729,438	2,477,215	4,964,358	1,769,328	3,009,022
Investments sold receivable	4,198,229		4,292,588			691,789
Deferred offering costs	278,236	346,777	119,817	272,001	235,038	212,698
TOB trust receivable			330,000			
Prepaid expenses	15,826	7,964	2,990	6,774	3,151	4,348
Total assets	1,140,213,109	556,388,070	232,105,737	475,923,507	224,581,491	312,742,412
Accrued Liabilities						
Investments purchased payable	25,176,540		7,553,266	5,168,991		3,941,985
Income dividends payable Common Shares	3,230,365	1,574,429	601,185	1,393,766	638,381	851,039
Investment advisory fees payable	549,674	255,485	93,366	197,117	93,770	128,999
Interest expense and fees payable	106,724	11,669	14,750	11,730	5,919	18,278
Officers and Directors fees payable	141,795	1,575	571	3,080	641	893
Other accrued expenses payable	155,780	288,960	76,673	176,581	129,754	78,831
Total accrued liabilities	29,360,878	2,132,118	8,339,811	6,951,265	868,465	5,020,025
Other Liabilities						
TOB trust certificates	185,775,014	29,718,745	34,105,969	29,568,191	14,371,049	50,859,902
VRDP Shares, at liquidation value of \$100,000 per share ^{3,4}		172,700,000		144,600,000	64,400,000	66,300,000
VMTP Shares, at liquidation value of \$100,000 per share ^{3,4}	254,000,000		56,500,000			
Total other liabilities	439,775,014	202,418,745	90,605,969	174,168,191	78,771,049	117,159,902
Total liabilities	469,135,892	204,550,863	98,945,780	181,119,456	79,639,514	122,179,927
Net Assets Applicable to Common Shareholders	\$ 671,077,217	\$ 351,837,207	\$ 133,159,957	\$ 294,804,051	\$ 144,941,977	\$ 190,562,485
Net Assets Applicable to Common Shareholders Consist of						
Paid-in capital ^{5,6,7}	\$ 584,374,203	\$ 298,741,284	\$ 118,022,101	\$ 260,869,653	\$ 124,898,581	\$ 170,152,886
Undistributed net investment income	12,525,278	5,942,203	2,039,598	3,508,313	2,702,465	1,981,330
Accumulated net realized loss	(13,266,492)	(1,602,833)	(7,941,861)	(5,316,217)	(499,168)	(3,733,707)
Net unrealized appreciation/depreciation	87,444,228	48,756,553	21,040,119	35,742,302	17,840,099	22,161,976
Net Assets Applicable to Common Shareholders	\$ 671,077,217	\$ 351,837,207	\$ 133,159,957	\$ 294,804,051	\$ 144,941,977	\$ 190,562,485

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Net asset value per Common Share	\$	16.41	\$	16.54	\$	15.73	\$	16.18	\$	16.35	\$	16.57
¹ Investments at cost unaffiliated	\$	1,014,201,232	\$	497,927,228	\$	203,502,784	\$	425,518,555	\$	203,697,327	\$	282,607,101
² Investments at cost affiliated	\$	19,427,466	\$	4,620,110			\$	9,419,517	\$	1,036,548	\$	3,976,718
³ Preferred Shares outstanding: Par value \$0.05 per share						565						663
Par value \$0.10 per share		2,540		1,727				1,446		644		
⁴ Preferred Shares authorized		15,600		9,847		1 million		8,046		3,584		1 million
⁵ Common Shares outstanding		40,890,693		21,276,068		8,467,395		18,219,159		8,866,404		11,500,521
⁶ Par Value per Common Share	\$	0.10	\$	0.10	\$	0.10	\$	0.10	\$	0.10	\$	0.10
⁷ Common Shares authorized		200 million		200 million		unlimited		200 million		200 million		unlimited

See Notes to Financial Statements.

Table of Contents**Statements of Operations**

Year Ended July 31, 2012	BlackRock MuniHoldings California Quality Fund, Inc. (MUC)	BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ)	BlackRock MuniYield Investment Quality Fund (MFT)	BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)	BlackRock MuniYield New Jersey Quality Fund, Inc. (MJI)	BlackRock MuniYield Pennsylvania Quality Fund (MPA)
Investment Income						
Interest	\$ 47,453,399	\$ 23,546,803	\$ 9,299,582	\$ 20,766,343	\$ 9,623,622	\$ 12,821,181
Income affiliated	5,871	411	809		120	1
Total income	47,459,270	23,547,214	9,300,391	20,766,343	9,623,742	12,821,182
Expenses						
Investment advisory	5,909,351	2,915,346	1,015,779	2,232,998	1,058,655	1,430,321
Liquidity fees		1,234,639		996,116	460,399	456,725
Professional	284,167	196,155	101,298	177,375	101,108	118,455
Accounting services	146,920	94,696	47,839	83,919	49,724	57,890
Remarketing fees on Preferred Shares	266,191	173,173	37,110	130,140	64,577	59,670
Transfer agent	79,352	34,164	36,194	34,995	20,926	30,554
Officer and Directors	83,171	45,789	16,956	34,671	16,603	25,227
Custodian	42,193	27,116	12,304	25,058	14,396	17,028
Printing	32,990	14,192	9,520	13,227	12,168	17,897
Registration	13,973	9,185	9,201	9,208	9,217	9,189
Miscellaneous	90,263	130,613	54,830	147,208	87,844	107,914
Total expenses excluding interest expense, fees and amortization of offering costs	6,948,571	4,875,068	1,341,031	3,884,915	1,895,617	2,330,870
Interest expense, fees and amortization of offering costs ¹	2,412,687	1,161,299	612,006	970,601	445,963	681,607
Total expenses	9,361,258	6,036,367	1,953,037	4,855,516	2,341,580	3,012,477
Less fees waived by advisor	(597,067)	(113,248)	(2,247)	(2,309)	(7,822)	(3,617)
Total expenses after fees waived	8,764,191	5,923,119	1,950,790	4,853,207	2,333,758	3,008,860
Net investment income	38,695,079	17,624,095	7,349,601	15,913,136	7,289,984	9,812,322
Realized and Unrealized Gain (Loss)						
Net realized gain (loss) from:						
Investments	12,001,616	2,385,701	4,728,041	1,625,759	758,686	1,610,002
Financial futures contracts	(2,388,508)	(1,538,474)	(671,118)	(1,328,226)	(635,142)	(1,136,886)
	9,613,108	847,227	4,056,923	297,533	123,544	473,116
Net change in unrealized appreciation/depreciation on:						
Investments	77,535,449	38,533,654	15,495,897	28,752,662	16,428,027	18,379,741
Financial futures contracts		344,963	97,323	311,432	152,472	227,086
	77,535,449	38,878,617	15,593,220	29,064,094	16,580,499	18,606,827
Total realized and unrealized gain	87,148,557	39,725,844	19,650,143	29,361,627	16,704,043	19,079,943

Dividends to AMPS Shareholders From

Net investment income	(391,674)	(101,371)
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**Net Increase in Net Assets Applicable to
Common Shareholders Resulting from
Operations**

\$ 125,451,962	\$ 57,349,939	\$ 26,898,373	\$ 45,274,763	\$ 23,994,027	\$ 28,892,265
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¹ Related to TOBs, VRDP Shares and/or VMTP Shares.

See Notes to Financial Statements.

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Statements of Changes in Net Assets

Increase (Decrease) in Net Assets Applicable to Common Shareholders:	BlackRock MuniHoldings California Quality Fund, Inc. (MUC)		BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ)	
	Year Ended July 31, 2012	2011	Year Ended July 31, 2012	2011
Operations				
Net investment income	\$ 38,695,079	\$ 39,555,605	\$ 17,624,095	\$ 19,630,428
Net realized gain (loss)	9,613,108	(9,301,860)	847,227	(1,057,489)
Net change in unrealized appreciation/depreciation	77,535,449	(3,868,632)	38,878,617	(8,879,645)
Dividends to AMPS Shareholders from net investment income	(391,674)	(931,589)		(627,047)
Net increase in net assets applicable to Common Shareholders resulting from operations	125,451,962	25,453,524	57,349,939	9,066,247
Dividends to Common Shareholders From				
Net investment income	(38,034,966)	(36,787,012)	(18,885,230)	(18,852,930)
Capital Share Transactions				
Reinvestment of common dividends	260,092		288,582	189,682
Net Assets Applicable to Common Shareholders				