

BLACKROCK MUNIYIELD PENNSYLVANIA QUALITY FUND
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FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT INVESTMENT COMPANIES

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Name of Fund: BlackRock MuniYield Pennsylvania Quality Fund (MPA)

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

Date of fiscal year end: 07/31/2012

Date of reporting period: 01/31/2012

Item 1 – Report to Stockholders

January 31, 2012

Semi-Annual Report (Unaudited)

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)

Not FDIC Insured No Bank Guarantee May Lose Value

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Dear Shareholder

Early in 2011, global financial market action was dominated by political revolutions in the Middle East and North Africa, soaring prices of oil and other commodities, and natural disasters in Japan resulting in global supply chain disruptions. But corporate earnings were strong and the global economic recovery appeared to be on track. Investors demonstrated steadfast confidence as risk assets, including equities, commodities and high yield bonds, charged forward. Markets reversed sharply in May, however, when escalating political strife in Greece rekindled fears about sovereign debt problems spreading across Europe. Concurrently, global economic indicators signaled that the recovery had slowed. Confidence was further shaken by the prolonged debt ceiling debate in Washington, DC. On August 5th, Standard & Poor's downgraded the US government's credit rating and turmoil erupted in financial markets around the world. Extraordinary levels of volatility persisted in the months that followed as Greece teetered on the brink of default, debt problems escalated in Italy and Spain, and exposure to European sovereign bonds stressed banks globally. Financial markets whipsawed on hopes and fears. Macro news flow became a greater influence on trading decisions than the fundamentals of the securities traded, resulting in highly correlated asset prices. By the end of the third quarter, equity markets had fallen nearly 20% from their April peak while safe-haven assets such as US Treasuries and gold had rallied to historic highs.

October brought enough positive economic data to assuage fears of a global double-dip recession. Additionally, European leaders began to show progress toward stemming the region's debt crisis. Investors came back from the sidelines and risk assets rallied through the month. Eventually, a lack of definitive details about Europe's rescue plan raised doubts among investors and thwarted the rally at the end of October. The last two months of 2011 saw political instability in Greece, unsustainable yields on Italian bonds, and US policymakers in gridlock over budget issues. Global central bank actions and improving economic data invigorated investors, but confidence was easily tempered by sobering news flow. Sentiment improved in the New Year as investors saw bright spots in global economic data, particularly from the United States, China and Germany. International and emerging markets rebounded strongly through January. US stocks rallied on solid improvement in the domestic labor market and indications from the Federal Reserve that interest rates would remain low through 2014. Nonetheless, investors maintained caution as US corporate earnings began to weaken and a European recession appeared inevitable.

US equities and high yield bonds recovered their late-summer losses and posted positive returns for both the 6- and 12-month periods ended January 31, 2012. International markets, however, experienced some significant downturns in 2011 and remained in negative territory despite a strong rebound at the end of the period. Fixed income securities benefited from declining yields and delivered positive returns for the 6- and 12-month periods. US Treasury bonds outperformed other fixed income classes despite their quality rating downgrade, while municipal bonds also delivered superior results. Continued low short-term interest rates kept yields on money market securities near their all-time lows.

Many of the themes that caused uncertainty in 2011 remain unresolved. For investors, the risks are daunting. BlackRock remains committed to helping you keep your financial goals on track in this challenging environment.

Sincerely,

Rob Kapito

President, BlackRock Advisors, LLC

BlackRock remains committed to helping you keep your financial goals on track in this challenging environment.

Rob Kapito

President, BlackRock Advisors, LLC

Total Returns as of January 31, 2012

	6-month	12-month
US large cap equities (S&P 500 [®] Index)	2.71%	4.22%
US small cap equities (Russell 2000 [®] Index)	0.22	2.86
International equities (MSCI Europe, Australasia, Far East Index)	(10.42)	(9.59)
Emerging market equities (MSCI Emerging Markets Index)	(9.56)	(6.64)
3-month Treasury bill (BofA Merrill Lynch 3-Month Treasury Bill Index)	0.02	0.09
US Treasury securities (BofA Merrill Lynch 10- Year US Treasury Index)	10.81	18.49
US investment grade bonds (Barclays Capital US Aggregate Bond Index)	4.25	8.66
Tax-exempt municipal bonds (S&P Municipal Bond Index)	7.25	14.40
US high yield bonds (Barclays Capital US Corporate High Yield 2% Issuer Capped Index)	1.84	5.81

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 3

Municipal Market Overview

For the 12-Month Period Ended January 31, 2012

One year ago, the municipal bond market was steadily recovering from a difficult fourth quarter of 2010 that brought severe losses amid a steepening US Treasury yield curve and a flood of inflated headlines about municipal finance troubles. Retail investors had lost confidence in municipals and retreated from the market. Political uncertainty surrounding the midterm elections and tax policies exacerbated the situation. These conditions combined with seasonal illiquidity weakened willful market participation from the trading community. December 2010 brought declining demand with no comparable reduction in supply as issuers rushed their deals to market before the Build America Bond program was retired. This supply-demand imbalance led to wider quality spreads and higher yields for municipal bonds heading into 2011.

Demand is usually strong at the beginning of a new year, but retail investors continued to move away from municipal mutual funds in the first half of 2011. From the middle of November 2010, outflows persisted for 29 consecutive weeks, totaling \$35.1 billion before the trend finally broke in June 2011. However, weak demand was counterbalanced by lower supply in 2011. According to Thomson Reuters, new issuance was down 32% in 2011 as compared to the prior year. While these technical factors were improving, municipalities were struggling to balance their budgets, although the late-2010 predictions for widespread municipal defaults did not materialize. Other concerns that resonated at the beginning of the year, such as rising interest rates, weakening credits and higher rates of inflation, abated as these scenarios also did not come to fruition.

On August 5th, 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.

Supply and demand technicals continued to be favorable in January 2012. Overall, the municipal yield curve flattened during the period from January 31, 2011 to January 31, 2012. As measured by Thomson Municipal Market Data, yields declined by 161 basis points (bps) to 3.17% on AAA-rated 30-year municipal bonds and by 163 bps to 1.68% on 10-year bonds, while yields on 5-year issues fell 117 bps to 0.68%. While the entire municipal curve flattened over the 12-month time period, the spread between 2- and 30-year maturities tightened by 120 bps, and in the 2- to 10-year range, the spread tightened by 124 bps.

The fundamental picture for municipalities continues to improve. Austerity has been the general theme across the country, while a small number of states continue to rely on a kick-the-can approach to close their budget shortfalls, with aggressive revenue projections and accounting gimmicks. The market's technical factors are also improving as demand outpaces supply in what is historically a light issuance period. It has been over a year since the first highly publicized interview about the fiscal problems plaguing state and local governments. Thus far, the prophecy of widespread defaults across the municipal market has not materialized. In 2011, there were fewer municipal defaults than seen in 2010. Throughout 2011 monetary defaults in the S&P Municipal Bond Index totaled roughly \$805

million, representing less than 0.48% of the index. 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.

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Fund Summary as of January 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 six months ended January 31, 2012, the Fund returned 22.03% based on market price and 14.84% based on net asset value (NAV). For the same period, the closed-end Lipper California Municipal Debt Funds category posted an average return of 21.02% based on market price and 14.53% 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 slightly long duration (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. Increased exposure to inverse floating rate instruments (tender option bonds) while the municipal yield curve was historically steep boosted the Fund s income accrual. 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. Additionally, purchases of zero-coupon bonds deemed undervalued added to the Fund s total return.

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 January 31, 2012 (\$15.55) ¹	5.90%
Tax Equivalent Yield ²	9.08%
Current Monthly Distribution per Common Share ³	\$0.0765
Current Annualized Distribution per Common Share ³	\$0.9180
Economic Leverage as of January 31, 2012 ⁴	41%

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

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

³ The Monthly Distribution per Common Share, declared on March 1, 2012, was increased to \$0.0790 per share. The Yield on Closing Market Price, Current Monthly Distribution per Common Share and Current Annualized

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

- ⁴ Represents Auction Market Preferred Shares (AMPS) 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 AMPS 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:

	1/31/12		7/31/11		Change	High	Low
Market Price	\$15.55	\$13.15	18.25%	\$15.57	\$12.90		
Net Asset Value	\$15.88	\$14.27	11.28%	\$15.88	\$14.27		

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

Sector Allocations

	1/31/12	7/31/11
County/City/Special District/School District	38%	37%
Utilities		27
Education		12
Transportation		11
Health		7
State		5
Corporate		5

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

Credit Quality Allocations⁶

	1/31/12		7/31/11	
AAA/Aaa	17%		5%	
AA/Aa	65		64	
A	17		17	
BBB/Baa	1		5	
Not Rated			9	

- ⁶ Using the higher of Standard & Poor's (S&P's) or Moody's Investors Service (Moody's) ratings. SEMI-ANNUAL REPORT JANUARY 31, 2012 5

Fund Summary as of January 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 six months ended January 31, 2012, the Fund returned 18.23% based on market price and 13.71% based on NAV. For the same period, the closed end Lipper New Jersey Municipal Debt Funds category posted an average return of 20.36% based on market price and 13.24% 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, 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.

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Fund Information

Symbol on NYSE	MUJ
Initial Offering Date	March 11, 1998
Yield on Closing Market Price as of January 31, 2012 (\$15.77) ¹	5.63%
Tax Equivalent Yield ²	8.66%
Current Monthly Distribution per Common Share ³	\$0.074
Current Annualized Distribution per Common Share ³	\$0.888
Economic Leverage as of January 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:

	1/31/12	7/31/11	Change	High	Low
Market Price	\$15.77	\$13.74	14.77%	\$15.89	\$13.51
Net Asset Value	\$16.26	\$14.73	10.39%	\$16.26	\$14.73

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

Sector Allocations

	1/31/12	7/31/11
State	34%	31%
Transportation	15	19
Education	12	12
Health	12	11
County/City/Special District/School District	11	14
Utilities	8	5
Housing	5	6
Corporate	2	1
Tobacco	1	1

Credit Quality Allocations⁵

	1/31/12	7/31/11
AAA/Aaa	9%	11%
AA/Aa	50	45
A	29	30
BBB/Baa	12	14

⁵ Using the higher of S&P's and Moody's ratings.
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Fund Summary as of January 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 six months ended January 31, 2012, the Fund returned 23.88% based on market price and 16.39% based on NAV. For the same period, the closed-end Lipper General & Insured Municipal Debt Funds (Leveraged) category posted an average return of 21.10% based on market price and 13.67% 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. As the yield curve flattened during the period (longer-term interest rates fell more than shorter rates), rising bond prices in the long end of the municipal curve contributed positively to the Fund s performance. The Fund s longer-dated holdings in the health, transportation and education sectors experienced the best price appreciation.

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 January 31, 2012 (\$14.89) ¹	5.72%
Tax Equivalent Yield ²	8.80%
Current Monthly Distribution per Common Share ³	\$0.071
Current Annualized Distribution per Common Share ³	\$0.852
Economic Leverage as of January 31, 2012 ⁴	39%

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 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:

	1/31/12		7/31/11		Change	High	Low
Market Price	\$14.89	\$12.39	20.18%	\$14.95	\$12.05		
Net Asset Value	\$15.13	\$13.40	12.91%	\$15.13	\$13.40		

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

Sector Allocations

	1/31/12		7/31/11	
Utilities	29%		30%	
County/City/Special District/School District	23		23	
Transportation	22		18	
Health	11		13	
State	8		9	
Education	4		3	
Housing	2		3	
Tobacco	1		1	

Credit Quality Allocations⁵

	1/31/12		7/31/11	
AAA/Aaa	8%		4%	
AA/Aa	74		13	
A	16		69	
BBB/Baa	2		8	
Not Rated ⁶	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 January 31, 2012, the market value of these securities was \$285,650, representing less than 1% of the Fund's long-term investments.

Fund Summary as of January 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 six months ended January 31, 2012, the Fund returned 20.52% based on market price and 12.28% based on NAV. For the same period, the closed-end Lipper Michigan Municipal Debt Funds category posted an average return of 19.01% based on market price and 12.19% 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, 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 views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Fund Information

Symbol on NYSE	MIY	
Initial Offering Date	October 30, 1992	
Yield on Closing Market Price as of January 31, 2012 (\$15.63) ¹	5.87%	
Tax Equivalent Yield ²	9.03%	
Current Monthly Distribution per Common Share ³	\$0.0765	
Current Annualized Distribution per Common Share ³	\$0.9180	
Economic Leverage as of January 31, 2012 ⁴		36%

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:

	1/31/12	7/31/11	Change	High	Low
Market Price	\$15.63	\$13.39	16.73%	\$15.66	\$12.97
Net Asset Value	\$15.91	\$14.63	8.75%	\$15.91	\$14.63

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

Sector Allocations

	1/31/12 7/31/11	
County/City/Special District/School District	26%	29%
State	17	9
Health	15	13
Utilities	14	16
Education	10	8
Transportation	8	10
Housing	5	5
Corporate	5	10

Credit Quality Allocations⁵

	1/31/12 7/31/11	
AAA/Aaa	9%	3%
AA/Aa	62	67
A	26	27
BBB/Baa	2	2
Not Rated ⁶	1	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 January 31, 2012 and July 31, 2011, the market value of these securities was \$5,297,162, representing 1%, and \$1,064,957, representing 1%, respectively, of the Fund's long-term investments.

Fund Summary as of January 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 six months ended January 31, 2012, the Fund returned 25.38% based on market price and 13.70% based on NAV. For the same period, the closed-end Lipper New Jersey Municipal Debt Funds category posted an average return of 20.36% based on market price and 13.24% 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, 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 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	MJI	
Initial Offering Date	October 30, 1992	
Yield on Closing Market Price as of January 31, 2012 (\$15.99) ¹	5.40%	
Tax Equivalent Yield ²	8.31%	
Current Monthly Distribution per Common Share ³	\$0.072	
Current Annualized Distribution per Common Share ³	\$0.864	
Economic Leverage as of January 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:

	1/31/12	7/31/11	Change	High	Low
Market Price	\$15.99	\$13.16	21.50%	\$15.99	\$12.91
Net Asset Value	\$16.01	\$14.53	10.19%	\$16.01	\$14.53

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

Sector Allocations

	1/31/12	7/31/11
State	31%	27%
Education		15
Transportation		13
Health		11
Utilities		10
County/City/Special District/School District		9
Housing		6
Corporate		4
Tobacco		1

Credit Quality Allocations⁵

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

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 January 31, 2012 and July 31, 2011, the market value of these securities was \$2,063,496, representing 1%, and \$3,124,559, representing 3%, respectively, of the Fund's long-term investments.

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Fund Summary as of January 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 six months ended January 31, 2012, the Fund returned 20.10% based on market price and 12.46% based on NAV. For the same period, the closed-end Lipper Pennsylvania Municipal Debt Funds category posted an average return of 16.43% based on market price and 11.62% 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 s distribution yield was below the median of its Lipper category, resulting in a lower total return relative to its peers.

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 January 31, 2012 (\$16.25) ¹	5.65%
Tax Equivalent Yield ²	8.69%
Current Monthly Distribution per Common Share ³	\$0.0765
Current Annualized Distribution per Common Share ³	\$0.9180
Economic Leverage as of January 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:

	1/31/12	7/31/11	Change	High	Low
Market Price	\$16.25	\$13.94	16.57%	\$16.33	\$13.76
Net Asset Value	\$16.34	\$14.97	9.15%	\$16.34	\$14.97

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

Sector Allocations

	1/31/12	7/31/11	
	23%	30%	
County/City/Special District/School District			
State		23	16
Health		14	14
Utilities		12	13
Transportation		12	12
Education		8	8
Housing		5	3
Corporate		3	4

Credit Quality Allocations⁵

	1/31/12	7/31/11
AA/Aa	80%	79%
A	17	17
BBB/Baa	3	4

⁵ Using the higher of S&P's or Moody's ratings.
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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 Auction Market Preferred Shares (AMPS), Variable Rate Demand Preferred Shares (VRDP Shares) or Variable Rate Muni Term Preferred Shares (VMTP Shares) (collectively, 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.

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 tender option bond trusts (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 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. In addition, each Fund voluntarily limits its economic leverage to 50% of its total managed assets for Funds with AMPS or 45% for Funds with VRDPs or VMTPs. As of January 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	41%	
MUJ	37%	
MFT	39%	
MIY	36%	
MJI	35%	
MPA	35%	

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 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.

Schedule of Investments January 31, 2012
(Unaudited)

BlackRock MuniHoldings California Quality Fund, Inc.
(MUC)
(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
California 102.4%		
Corporate 0.4%		
City of Chula Vista California, Refunding RB, San Diego Gas & Electric, Series A, 5.88%, 2/15/34	\$ 2,435	\$ 2,818,001
County/City/Special District/School District 28.9%		
Alhambra Unified School District, GO, CAB, Election of 2008, Series B (AGM), 6.31%, 8/01/39 (a)	5,000	1,110,750
Centinela Valley Union High School District, GO, Election of 2010, Series A, 5.75%, 8/01/41	9,000	10,380,780
Chabot-Las Positas Community College District, GO, CAB, Series C (AMBAC), 6.03%, 8/01/37 (a)	11,980	2,874,242
City of Garden Grove California, COP, Series A, Financing Project (AMBAC), 5.50%, 3/01/26	4,040	4,093,934
City of Redding California, COP, Refunding, Series A (AGM), 5.00%, 6/01/30	5,000	5,521,100
Colton Joint Unified School District, GO, Series A (NPFGC), 5.38%, 8/01/26	2,500	2,585,725
County of Kern California, COP, Capital Improvements Projects, Series A (AGC), 6.00%, 8/01/35	3,500	4,057,935
Covina-Valley Unified School District California, GO, Refunding, Series A (AGM), 5.50%, 8/01/26	2,395	2,482,489
Culver City Redevelopment Finance Authority California, Tax Allocation Bonds, Refunding, Series A (AGM), 5.60%, 11/01/25	3,750	3,762,525
Desert Community College District, GO, CAB, Election 2004 Series C (AGM), 5.90%, 8/01/46 (a)	5,000	712,050
Grossmont Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/40	2,000	2,377,800
Los Angeles Community Redevelopment Agency California, RB, Bunker Hill Project, Series A (AGM), 5.00%, 12/01/27	10,000	10,559,100
Merced Union High School District, GO, CAB, Election 2008, Series C (a):		
6.61%, 8/01/33	2,500	781,875
6.40%, 8/01/36	4,100	1,070,223
7.07%, 8/01/41	5,000	739,350
New Haven Unified School District, GO, CAB, (AGC), 8/01/33	4,950	1,594,148
Norwalk-La Mirada Unified School District California, GO, CAB, Election of 2002, Series E (AGC), 5.53%, 8/01/38 (a)	7,500	1,790,025
Orange County Sanitation District, COP, Series A,		

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5.00%, 2/01/35	2,500	2,770,300
Oxnard Union High School District, GO, Refunding, Election of 2004, Series A (AGM), 5.00%, 8/01/35	10,000	10,979,000
Port of Oakland, Refunding RB, Series M (FGIC), 5.38%, 11/01/27	18,000	18,239,220
Redlands Unified School District California, GO, Election of 2008 (AGM), 5.25%, 7/01/33	5,000	5,559,550
Rio Hondo Community College District, GO, CAB, Election of 2004, Series C, 5.32%, 8/01/36 (a)	16,650	4,842,319
San Bernardino Community College District, GO, Election of 2002, Series A, 6.25%, 8/01/33	310	370,918

	Par	
	(000)	Value
Municipal Bonds		
California (continued)		

County/City/Special District/School District (concluded)

San Diego Regional Building Authority, RB, County Operations Center & Annex, Series A, 5.50%, 2/01/29	\$ 900	\$ 1,027,692
San Jose Financing Authority, RB, Civic Center Project, Series B (AMBAC), 5.00%, 6/01/32	14,800	14,879,180
San Jose Financing Authority, RB, Convention Center Expansion & Renovation Project: 5.75%, 5/01/36	2,560	2,741,581
5.75%, 5/01/42	4,500	5,114,745
Santa Clara Redevelopment Agency California, Tax Allocation Bonds, Bayshore North Project, Series A (AMBAC), 5.50%, 6/01/23	10,000	10,064,900
Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC), 5.75%, 9/01/38	5,635	6,412,517
Vista Unified School District California, GO, Series A (AGM), 5.25%, 8/01/25	10,000	10,196,200
Walnut Valley Unified School District California, GO, Election of 2007, Measure S, Series A (AGM), 5.00%, 2/01/33	2,000	2,185,220
West Contra Costa County Unified School District California, GO, Election of 2005, Series A (AGM), 5.00%, 8/01/35	12,000	12,507,960
West Contra Costa Unified School District California, GO: Election of 2002, Series B (AGM), 5.00%, 8/01/32	6,690	6,744,256
Election of 2010, Series A, 5.25%, 8/01/41	5,390	5,972,066
Refunding (AGM), 5.25%, 8/01/23	4,500	5,395,365
Westminster Redevelopment Agency California, Tax Allocation Bonds, Subordinate, Commercial Redevelopment Project No. 1 (AGC), 6.25%, 11/01/39	4,300	5,156,732
		187,653,772

Education 8.9%

Anaheim City School District California, GO, Election of 2010 (AGM), 6.25%, 8/01/40	3,750	4,520,100
California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42	2,500	2,769,775

California State Educational Facilities Authority, RB, University of Southern California, Series A, 5.25%, 10/01/38	8,000	8,997,680
Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31	2,170	2,613,570
5.75%, 8/01/35	8,400	9,991,128
Riverside Community College District, GO, Election of 2004, Series C (AGM), 5.00%, 8/01/32	8,750	9,497,162
San Diego Community College District, GO, Election of 2006 (AGM), 5.00%, 8/01/30	9,555	10,604,235
University of California, RB, Series L, 5.00%, 5/15/36	2,995	3,209,262
University of California, Refunding RB, General, Series A (AMBAC), 5.00%, 5/15/27	5,000	5,255,400
		57,458,312

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:

ACA	American Capital Access Corp.
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
CIFG	CDC IXIS Financial Guaranty
COP	Certificates of Participation
EDA	Economic Development Authority
EDC	Economic Development Corp.
ERB	Education Revenue Bonds
FGIC	Financial Guaranty Insurance Co.
GARB	General Airport Revenue Bonds
GO	General Obligation Bonds
HDA	Housing Development Authority
HFA	Housing Finance Agency
HRB	Housing Revenue Bonds
IDA	Industrial Development Authority
ISD	Independent School District
NPFGC	National Public Finance Guarantee Corp.
Q-SBLF	Qualified School Bond Loan Fund
RB	Revenue Bonds
S/F	Single-Family
SYNCORA	Syncora Guarantee

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)

Municipal Bonds	Par	Value
California (continued)	(000)	
Health 11.4%		
ABAG Finance Authority for Nonprofit Corps, Refunding RB, Sharp Healthcare, 6.25%, 8/01/39	\$ 5,000	\$ 5,775,300
ABAG Finance Authority for Nonprofit Corps, Sharp Healthcare, Refunding RB, Series A, 6.00%, 8/01/30	2,250	2,713,410
California Health Facilities Financing Authority, RB: Adventist Health System, Series A, 5.00%, 3/01/33	3,190	3,212,585
Providence Health Services, Series B, 5.50%, 10/01/39	3,970	4,387,208
Sutter Health, Series A, 5.25%, 11/15/46	19,000	19,802,560
Sutter Health, Series B, 6.00%, 8/15/42	9,655	11,122,946
California Health Facilities Financing Authority, Refunding RB, Catholic Healthcare West, Series A, 6.00%, 7/01/34	3,700	4,268,172
California Health Facilities Financing Authority Revenue Bonds, Series A Kaiser Permanente, 5.25%, 4/01/39	6,500	6,715,345
California Statewide Communities Development Authority, RB: Health Facility Memorial Health Services, Series A, 6.00%, 10/01/23	4,915	5,107,914
Kaiser Permanente, Series B, 5.25%, 3/01/45	6,100	6,312,341
City of Newport Beach California, RB, Hoag Memorial Hospital Presbyterian, 6.00%, 12/01/40	3,820	4,545,456
		73,963,237
State 9.1%		
California State Public Works Board, RB, Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34	3,670	4,234,079
California State Public Works Board, RB, California State Prisons, Series C, 5.75%, 10/01/31	1,205	1,380,942
State of California, GO: 6.00%, 3/01/33	5,800	6,889,356
6.00%, 4/01/38	28,265	32,805,207
University of California, RB, Limited Project, Series D (NPFGC), 5.00%, 5/15/41	13,000	13,871,000
		59,180,584
Transportation 16.0%		
City of Fresno California, RB, Series B, AMT (AGM), 5.50%, 7/01/20	4,455	4,565,217
City of San Jose California, RB: Series A-1, AMT, 6.25%, 3/01/34	1,400	1,614,816

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Series A-1, AMT, 5.25%, 3/01/23	2,985	3,315,738
Series D (NPFGC), 5.00%, 3/01/28	5,000	5,127,000
County of Orange California, RB, Series B, 5.75%, 7/01/34	6,345	7,140,282
County of Sacramento California, RB:		
Senior Series A (AGC), 5.50%, 7/01/41	7,275	7,917,019
Senior Series B, 5.75%, 7/01/39	2,650	2,924,249
Senior Series B, AMT, (AGM), 5.25%, 7/01/33	19,525	20,791,196
Senior Series B, AMT (AGM), 5.75%, 7/01/28	13,275	14,888,709
Los Angeles Department of Airports, RB:		
Senior Series D, 5.25%, 5/15/29	2,590	3,000,308
Series A, 5.25%, 5/15/39	2,775	3,088,658
Los Angeles Department of Airports, Refunding RB, Senior, Series A, 5.00%, 5/15/35	2,945	3,284,971
Los Angeles Harbor Department, RB, Series B, 5.25%, 8/01/34	5,530	6,284,568
San Francisco City & County Airports Commission, RB, Series E, 6.00%, 5/01/39	9,650	11,182,420

**Par
(000) Value**

Municipal Bonds

California (concluded)

Transportation (concluded)

San Francisco City & County Airports Commission, Refunding RB, Second Series 34E, AMT (AGM), 5.75%, 5/01/24	\$ 5,000	\$ 5,723,800
San Joaquin County Transportation Authority, RB, Limited Tax, Measure K, Series A, 6.00%, 3/01/36	2,400	2,881,968 103,730,919

Utilities 27.7%

Anaheim Public Financing Authority, RB, Electric System Distribution Facilities, Series A, 5.38%, 10/01/36	2,200	2,534,026
City of Escondido California, COP, Refunding, Series A (NPFGC), 5.75%, 9/01/24	465	466,795
City of Los Angeles California, Refunding RB:		
Sub-Series A, 5.00%, 6/01/32	3,000	3,408,570
Sub-Series A, 5.00%, 6/01/28	2,000	2,328,160
Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41	4,000	4,739,200
East Bay Municipal Utility District, Refunding RB, Sub-Series A (AMBAC), 5.00%, 6/01/33	6,545	7,178,687
Eastern Municipal Water District, COP, Series H, 5.00%, 7/01/33	2,500	2,719,775
Imperial Irrigation District, Refunding RB, System, 5.13%, 11/01/38	9,500	10,143,530
Los Angeles Department of Water & Power, RB:		
5.00%, 7/01/41	5,000	5,561,950
Series A, 5.38%, 7/01/38	10,500	11,885,790
System Series A, 5.25%, 7/01/39	16,000	18,326,080
Metropolitan Water District of Southern California, RB,		

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Series B-1 (NPFGC), 5.00%, 10/01/33	8,605	9,105,037
Oxnard Financing Authority, RB (NPFGC):		
Project, 5.00%, 6/01/31	10,000	10,618,500
Redwood Trunk Sewer & Headworks, Series A, 5.25%, 6/01/34	9,750	10,436,302
Sacramento City Financing Authority California, Refunding RB (NPFGC), 5.00%, 12/01/29	8,775	9,159,608
Sacramento Municipal Utility District, RB, Series R (NPFGC), 5.00%, 8/15/33	20,000	20,831,400
San Diego Public Facilities Financing Authority, Refunding RB, Senior Series A: 5.25%, 5/15/34	1,000	1,136,460
5.25%, 5/15/39	3,165	3,550,877
San Francisco City & County Public Utilities Commission, RB:		
Local Water Main Sub-Series C, 5.00%, 11/01/41	5,000	5,627,950
Series A (NPFGC), 5.00%, 11/01/32	15,000	15,220,200
Series B, 5.00%, 11/01/30	14,000	16,142,420
Southern California Public Power Authority, Milford Wind Corridor Phase II, 5.25%, 7/01/28	6,980	8,304,036
		179,425,353
Total Municipal Bonds in California		664,230,178

Puerto Rico 0.4%

County/City/Special District/School District 0.4%

Puerto Rico Sales Tax Financing Corp., RB, Series C, 6.00%, 8/01/39 (a)	12,420	2,892,245
Total Municipal Bonds in Puerto Rico		2,892,245
Total Municipal Bonds 102.8%		667,122,423

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)

Municipal Bonds Transferred to Tender Option Bond Trusts (b) California 63.3%	Par (000)	Value
County/City/Special District/School District 33.1%		
Alameda County Joint Powers Authority, Refunding RB, Lease (AGM), 5.00%, 12/01/34	\$ 13,180	\$ 14,214,366
Contra Costa Community College District California, GO, Election of 2002 (NPFGC), 5.00%, 8/01/28	7,800	8,252,244
Desert Community College District California, GO, Series C (AGM), 5.00%, 8/01/37	16,530	17,624,451
Foothill-De Anza Community College District, GO, Series C, 5.00%, 8/01/40	10,000	11,152,100
Los Angeles Community College District California, GO: Election of 2001, Series E-1, 5.00%, 8/01/33	11,770	12,982,663
Election of 2003, Series E (AGM), 5.00%, 8/01/31	11,216	12,114,926
Election of 2003, Series F-1, 5.00%, 8/01/33	10,000	11,030,300
Election of 2008, Series A, 6.00%, 8/01/33	9,596	11,537,726
Los Angeles Community College District California, GO, Series A, Election of 2001, Series A (NPFGC), 5.00%, 8/01/32	6,647	7,271,030
Los Angeles County Metropolitan Transportation Authority, Refunding RB, Proposition A, First Tier, Senior Series A (AMBAC), 5.00%, 7/01/35	8,997	9,909,171
Los Angeles County Sanitation Districts Financing Authority, Refunding RB, Capital Project 14 (BHAC), 5.00%, 10/01/34	7,917	8,369,388
Ohlone Community College District, GO, Series B (AGM), 5.00%, 8/01/30	16,518	17,693,383
Poway Unified School District, GO, Election of 2002, Improvement District 02, Series 1-B (AGM), 5.00%, 8/01/30	10,000	10,875,600
San Bernardino Community College District California, GO, Election of 2002, Series C (AGM), 5.00%, 8/01/31	17,770	19,700,000
San Diego Community College District California, GO, Election of 2002 (AGM), 5.00%, 5/01/30	12,549	13,759,804
San Francisco Bay Area Rapid Transit District, Refunding RB, Series A (NPFGC), 5.00%, 7/01/30	23,100	25,365,186
San Francisco Bay Area Transit Financing Authority, Refunding RB, Series A (NPFGC), 5.00%, 7/01/34	2,499	2,744,396
		214,596,734
Education 11.8%		
Chaffey Community College District, GO, Election of 2002, Series B (NPFGC), 5.00%, 6/01/30	9,905	10,577,930

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Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 8/01/35	11,000	12,127,610
Mount Diablo California Uniform School District, GO, 5.00%, 6/01/31	4,000	4,190,240
Riverside Community College District, GO, Election of 2004, Series C (NPFGC), 5.00%, 8/01/32	8,910	9,652,203
University of California, RB: Limited Project, Series B (AGM), 5.00%, 5/15/33	17,397	18,218,783
Limited Project, Series D (AGM), 5.00%, 5/15/41	8,000	8,536,000
Series O, 5.75%, 5/15/34	11,190	13,166,714
		76,469,480

Transportation 1.6%

San Mateo County Transportation Authority, Refunding RB, Series A (NPFGC), 5.00%, 6/01/32	10,000	10,515,900
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Utilities 16.8%

City of Napa California, RB (AMBAC), 5.00%, 5/01/35	9,100	9,776,130
East Bay Municipal Utility District, RB, Sub-Series A (NPFGC), 5.00%, 6/01/35	12,070	13,359,317
East Bay Municipal Utility District, Refunding RB, Sub-Series A (AMBAC), 5.00%, 6/01/37	14,510	15,691,840
Los Angeles Department of Water & Power, RB, Power System (AGM): Sub-Series A-1, 5.00%, 7/01/31	4,993	5,326,218
Sub-Series A-2, 5.00%, 7/01/35	7,500	8,007,075

Municipal Bonds Transferred to Tender Option Bond Trusts (b) California (concluded)

Par (000) Value

Utilities (concluded)

Metropolitan Water District of Southern California, RB, Series A (AGM), 5.00%, 7/01/35	\$ 12,870	\$ 14,197,026
Rancho Water District Financing Authority, Refunding RB, Series A (AGM), 5.00%, 8/01/34	5,008	5,472,223
Sacramento Regional County Sanitation District, RB, Sacramento Regional County Sanitation (NPFGC), 5.00%, 12/01/36	4,500	4,798,845
San Diego County Water Authority, COP, Series A (AGM), 5.00%, 5/01/31	4,000	4,233,040
San Diego County Water Authority, COP, Refunding: Series 2002-A (NPFGC), 5.00%, 5/01/32	10,000	10,142,600
Series 2008-A (AGM), 5.00%, 5/01/33	16,740	18,108,495
		109,112,809

Total Municipal Bonds Transferred to Tender Option Bond Trusts 63.3%

Total Long-Term Investments

(Cost \$1,005,772,469) 166.1% 1,077,817,346

Short-Term Securities	Shares	
BIF California Municipal Money Fund, 0.00% (c)(d)	14,314,399	14,314,399
Total Short-Term Securities (Cost \$14,314,399) 2.2%		14,314,399
Total Investments (Cost \$1,020,086,868) 168.3%		1,092,131,745
Other Assets Less Liabilities 1.7%		10,819,299
Liability for TOB Trust Certificates, Including Interest		
Expense and Fees Payable (30.9)%		(200,060,576)
AMPS, at Redemption Value (39.1)%		(254,004,140)
Net Assets Applicable to Common Shares 100.0%		\$ 648,886,328

- (a) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date. Securities represent bonds transferred to a TOB in exchange for which the Fund acquired residual interest
- (b) 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.
- (c) Investments in companies considered to be an affiliate of the Fund during the period, 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 January 31, 2012	Income
BIF California Municipal Money Fund	7,347,551	6,966,848	14,314,399	\$ 262

(d) 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.

Financial futures contracts sold as of January 31, 2012 were as follows:

Contracts Issue	Exchange	Expiration	Notional Value	Unrealized Depreciation
75	10-Year US Treasury Note of Trade	Chicago Board March 2012	\$9,918,750	\$ (131,393)

See Notes to Financial Statements.

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Schedule of Investments (concluded)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs 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 and derivative financial instruments)

Changes in valuation techniques may result in transfers in or out of an assigned level within the disclosure hierarchy. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investment and derivative financial instrument and does not necessarily correspond to the Fund's perceived risk of investing in those securities. For information about the Fund's policy regarding valuation of investments and derivative financial instruments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following tables summarize the inputs used as of January 31, 2012 in determining the fair valuation of the Fund's investments and derivative financial instruments:

Valuation Inputs	Level 1	Level 2	Level 3 Total
Assets:			
Investments:			
Long-Term Investments ¹		\$1,077,817,346	\$1,077,817,346
Short-Term Securities	\$14,314,399		14,314,399
Total	\$14,314,399	\$1,077,817,346	\$1,092,131,745

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

Valuation Inputs	Level 1	Level 2	Level 3 Total
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Derivate Financial Instruments²

Liabilities:

Interest rate

contracts		\$(131,393)	\$(131,393)
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² Derivative financial instruments are financial futures contracts, which are valued at the unrealized appreciation/depreciation on the instrument.

See Notes to Financial Statements.

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Schedule of Investments January 31, 2012
(Unaudited)

BlackRock MuniHoldings New Jersey Quality Fund, Inc.
(MUJ)
(Percentages shown are based on Net Assets)

	Par	Value
	(000)	
Municipal Bonds		
New Jersey 125.8%		
Corporate 3.2%		
New Jersey EDA, RB, AMT:		
New Jersey American Water Co., Inc. Project, Series A (AMBAC), 5.25%, 11/01/32	\$ 3,000	\$ 3,061,530
Waste Management of New Jersey, Series A, Mandatory Put Bonds, 5.30%, 6/01/15 (a)	2,500	2,697,800
New Jersey EDA, Refunding RB, AMT:		
New Jersey American Water Co., Inc. Project, Series A, AMT, 5.70%, 10/01/39	2,500	2,750,700
New Jersey American Water Co., Inc. Project, Series B, 5.60%, 11/01/34	2,150	2,402,367
		10,912,397
County/City/Special District/School District 17.5%		
Borough of Hopatcong New Jersey, GO, Refunding, Sewer (AMBAC), 4.50%, 8/01/33	2,690	2,848,199
City of Perth Amboy New Jersey, GO, CAB (AGM) (b):		
5.22%, 7/01/32	4,605	4,792,700
5.23%, 7/01/33	1,395	1,446,266
5.27%, 7/01/37	1,470	1,507,206
County of Middlesex New Jersey, COP, Refunding (NPFGC), 5.50%, 8/01/16	1,375	1,380,665
County of Union New Jersey, GO:		
4.00%, 3/01/29	2,590	2,833,356
4.00%, 3/01/30	2,590	2,800,955
4.00%, 3/01/31	2,925	3,131,944
East Orange Board of Education, COP (AGM), 5.50%, 8/01/12	1,420	1,435,975
Edgewater Borough Board of Education, GO (AGM):		
4.25%, 3/01/34	1,235	1,370,319
4.25%, 3/01/35	1,300	1,433,510
4.30%, 3/01/36	1,370	1,509,480
Essex County Improvement Authority, RB, County Correctional Facility Project, Series A (FGIC), 5.00%, 10/01/13 (c)	4,400	4,744,300
Essex County Improvement Authority, Refunding RB, Project Consolidation:		
(AMBAC), 5.25%, 12/15/18	1,000	1,218,800
(NPFGC), 5.50%, 10/01/27	250	324,185
(NPFGC), 5.50%, 10/01/28	4,840	6,283,724
Hudson County Improvement Authority, RB: County Secured, County Services Building Project		

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(AGM), 5.00%, 4/01/27	750	821,265
Harrison Parking Facility Project, Series C (AGC), 5.25%, 1/01/39	2,000	2,213,300
Harrison Parking Facility Project, Series C (AGC), 5.38%, 1/01/44	3,600	4,004,352
Middlesex County Improvement Authority, RB, Senior Citizens Housing Project, AMT (AMBAC), 5.50%, 9/01/30	500	500,570
Monmouth County Improvement Authority, RB, Governmental Loan (AMBAC): 5.35%, 12/01/17	5	5,016
5.38%, 12/01/18	5	5,016
Morristown Parking Authority, RB (NPFGC): 5.00%, 8/01/30	1,830	1,993,950
5.00%, 8/01/33	3,000	3,231,150
New Jersey State Transit Corp., COP, Subordinate, Federal Transit Administration Grants, Series A (AGM), 5.00%, 9/15/21	2,000	2,135,620
Newark Housing Authority, RB, South Ward Police Facility (AGC), 6.75%, 12/01/38	275	338,508
Newark Housing Authority, Refunding RB, Newark Redevelopment Project (NPFGC), 4.38%, 1/01/37	620	566,767

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

County/City/Special District/School District (concluded)

South Jersey Port Corp., Refunding RB: 4.50%, 1/01/15	\$ 3,750	\$ 3,850,950
4.50%, 1/01/16	1,920	1,968,499
		60,696,547

Education 17.9%

New Jersey EDA, RB, International Center For Public Health Project, University of Medicine and Dentistry (AMBAC), 6.00%, 6/01/32	5,000	5,006,450
New Jersey Educational Facilities Authority, RB: Higher Education Capital Improvement, Series A (AMBAC), 5.13%, 9/01/12 (c)	5,500	5,658,070
Montclair State University, Series A (AMBAC), 5.00%, 7/01/21	1,200	1,326,012
Montclair State University, Series A (AMBAC), 5.00%, 7/01/22	2,880	3,163,421
Richard Stockton College, Series F (NPFGC), 5.00%, 7/01/31	2,625	2,767,170
Rowan University, Series C (NPFGC), 5.00%, 7/01/14 (d)	3,260	3,614,427
Rowan University, Series C (NPFGC), 5.13%, 7/01/14 (c)	3,615	4,018,868
New Jersey Educational Facilities Authority, Refunding RB:		

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College of New Jersey, Series D (AGM), 5.00%, 7/01/35	9,740	10,532,154
Montclair State University, Series J (NPFGC), 4.25%, 7/01/30	3,775	3,872,735
New Jersey Institute of Technology, Series H, 5.00%, 7/01/31	3,000	3,314,010
Ramapo College, Series I (AMBAC), 4.25%, 7/01/31	1,250	1,285,287
Ramapo College, Series I (AMBAC), 4.25%, 7/01/36	900	913,068
Stevens Institute of Technology, Series A, 5.00%, 7/01/27	2,800	2,952,488
Stevens Institute of Technology, Series A, 5.00%, 7/01/34	900	925,308
William Paterson University, Series C (AGC), 5.00%, 7/01/28	250	278,055
William Paterson University, Series C (AGC), 4.75%, 7/01/34	4,000	4,299,320
Rutgers-State University of New Jersey, Refunding RB, Series F, 5.00%, 5/01/39	1,000	1,102,670
University of Medicine & Dentistry of New Jersey, COP (NPFGC), 5.00%, 6/15/29	2,000	2,052,500
University of Medicine & Dentistry of New Jersey, RB, Series A (AMBAC), 5.50%, 12/01/27	4,740	4,872,957
		61,954,970

Health 17.6%

New Jersey Health Care Facilities Financing Authority, RB: AHS Hospital Corp., 6.00%, 7/01/41	3,080	3,617,398
Greystone Park Psychiatric Hospital (AMBAC), 5.00%, 9/15/23	10,775	11,581,940
Meridian Health, Series I (AGC), 5.00%, 7/01/38	765	806,562
Meridian Health, Series II (AGC), 5.00%, 7/01/38	6,360	6,705,539
Meridian Health, Series V (AGC), 5.00%, 7/01/38	3,950	4,164,604
South Jersey Hospital, 6.00%, 7/01/12 (d)	5,440	5,571,811
Virtua Health (AGC), 5.50%, 7/01/38	3,035	3,322,536
New Jersey Health Care Facilities Financing Authority, Refunding RB: AHS Hospital Corp., Series A (AMBAC), 6.00%, 7/01/13 (d)	4,000	4,313,720
Atlantic City Medical Center, 5.75%, 7/01/12 (d)	1,525	1,560,365
Atlantic City Medical Center, 6.25%, 7/01/17 (d)	925	970,917
Atlantic City Medical Center, 5.75%, 7/01/25	1,975	1,998,838

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	
New Jersey (continued)	(000)	Value
Health (concluded)		
New Jersey Health Care Facilities Financing Authority, Refunding RB (concluded):		
Barnabas Health, Series A, 5.00%, 7/01/24	\$ 1,820	\$ 1,935,861
Barnabas Health, Series A, 5.63%, 7/01/32 (d)	1,100	1,177,528
Barnabas Health, Series A, 5.63%, 7/01/37	3,060	3,213,826
Hackensack University Medical (AGC), 5.13%, 1/01/27	1,500	1,644,315
Hackensack University Medical (AGM), 4.63%, 1/01/30	5,480	5,801,786
Meridian Health System Obligation, 5.00%, 7/01/25	700	801,836
Meridian Health System Obligation, 5.00%, 7/01/26	1,590	1,798,131
		60,987,513
Housing 6.5%		
New Jersey State Housing & Mortgage Finance Agency, RB:		
Capital Fund Program, Series A (AGM), 4.70%, 11/01/25	9,245	9,605,647
Series A AMT (NPFGC), 4.85%, 11/01/39	935	920,910
Series AA, 6.50%, 10/01/38	2,075	2,244,237
Series B, 4.50%, 10/01/30	7,150	7,393,315
Series B (AGM), 1.10%, 5/01/12	1,500	1,502,070
Single Family Housing, Series T, AMT, 4.70%, 10/01/37	745	753,128
		22,419,307
State 41.7%		
Garden State Preservation Trust, RB (AGM):		
CAB, Series B, 5.12%, 11/01/23 (e)	9,000	6,285,960
CAB, Series B, 5.20%, 11/01/25 (e)	10,000	6,406,200
Election of 2005, Series A, 5.80%, 11/01/21	1,960	2,288,261
Election of 2005, Series A, 5.80%, 11/01/23	2,730	3,205,894
Garden State Preservation Trust, Refunding RB, Series C (AGM):		
5.25%, 11/01/20	5,000	6,402,700
5.25%, 11/01/21	7,705	9,973,121
New Jersey EDA, RB:		
Cigarette Tax, 5.63%, 6/15/19	1,000	1,001,940
Cigarette Tax (Radian), 5.75%, 6/15/29	2,000	2,089,880
Cigarette Tax (Radian), 5.50%, 6/15/31	585	606,388
Cigarette Tax (Radian), 5.75%, 6/15/34	1,180	1,224,604
Liberty State Park Project, Series C (AGM),		

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5.00%, 3/01/22	2,670	2,957,078
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/24	1,785	2,165,651
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/25	4,000	4,886,200
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/26	7,500	9,128,250
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/33	11,105	11,913,999
Motor Vehicle Surcharge, Series A (NPFGC), 5.00%, 7/01/34	2,000	2,065,120
School Facilities Construction, Series L (AGM), 5.00%, 3/01/30	9,000	9,504,360
School Facilities Construction, Series O, 5.25%, 3/01/23	1,420	1,579,253
School Facilities Construction, Series Y, 5.00%, 9/01/33	3,000	3,224,130
School Facilities Construction, Series Z (AGC), 6.00%, 12/15/34	2,800	3,229,716
School Facilities, Series U, 5.00%, 9/01/37	5,000	5,327,600
School Facilities, Series U (AMBAC), 5.00%, 9/01/37	2,000	2,131,040
New Jersey EDA, Refunding RB, School Facilities Construction, Series N-1 (NPFGC), 5.50%, 9/01/27	1,000	1,275,780

**Par
(000) Value**

Municipal Bonds

New Jersey (concluded)

State (concluded)

New Jersey Sports & Exposition Authority, Refunding
RB (NPFGC):

5.50%, 3/01/21	\$ 5,890	\$ 7,026,652
5.50%, 3/01/22	3,150	3,772,818

New Jersey Transportation Trust Fund Authority, RB,
Transportation System:

CAB, Series C (AGM), 4.74%, 12/15/32 (e)	4,050	1,497,487
CAB, Series C (AMBAC), 5.05%, 12/15/35 (e)	1,400	415,674
CAB, Series C (AMBAC), 5.05%, 12/15/36 (e)	5,500	1,570,965
Series A, 6.00%, 6/15/35	4,365	5,288,634
Series A, 5.76%, 12/15/35 (e)	6,000	1,771,980
Series A (AGC), 5.63%, 12/15/28	2,000	2,309,000
Series A (AGM), 5.25%, 12/15/20	10,750	13,306,027
Series A (AGM), 5.50%, 12/15/22	150	190,685
Series A (NPFGC), 5.75%, 6/15/24	1,205	1,563,054
Series B, 5.50%, 6/15/31	1,425	1,685,989
Series B, 5.25%, 6/15/36	1,900	2,137,785
Series B (NPFGC), 5.50%, 12/15/21	1,250	1,580,475

State of New Jersey, COP, Equipment Lease Purchase,
Series A, 5.25%, 6/15/27

1,080	1,217,225
	144,207,575

Tobacco 1.5%

Tobacco Settlement Financing Corp. New Jersey, RB, 7.00%, 6/01/13 (d)	4,755	5,182,427
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Transportation 15.2%

Delaware River Port Authority, RB (AGM):

Port District Project:

Series B, 5.63%, 1/1/26	2,425	2,430,262
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Series D, 5.00%, 1/01/40	3,700	3,998,368
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Delaware River Port Authority Pennsylvania & New Jersey, RB (AGM), 5.63%, 1/01/13	6,000	6,024,840
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New Jersey State Turnpike Authority, RB, Growth & Income Securities, Series B (AMBAC), 5.15%, 1/01/15 (b)	7,615	6,857,536
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New Jersey State Turnpike Authority, Refunding RB:

Series A (AGM), 5.25%, 1/01/26	4,900	6,165,817
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Series A (AGM), 5.25%, 1/01/29	2,000	2,550,500
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Series A (AGM), 5.25%, 1/01/30	4,000	5,136,920
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Series A (BHAC), 5.25%, 1/01/29	500	644,515
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Series C (NPFGC), 6.50%, 1/01/16	910	1,084,347
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Series C (NPFGC), 6.50%, 1/01/16 (d)	3,385	3,809,716
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Series C-2005 (NPFGC), 6.50%, 1/01/16 (d)	255	313,262
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Port Authority of New York & New Jersey, RB, JFK International Air Terminal, 6.00%, 12/01/42	2,500	2,696,925
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Port Authority of New York & New Jersey, RB, Special Project, JFK International Air Terminal, Series 6, AMT (NPFGC):		
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6.25%, 12/01/15	1,500	1,663,335
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5.75%, 12/01/25	3,000	2,999,850
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Port Authority of New York & New Jersey, Refunding RB, Consolidated, 152nd Series, AMT, 5.75%, 11/01/30	5,175	6,104,223
		52,480,416

Utilities 4.7%

Essex County Utilities Authority, Refunding RB (AGC), 4.13%, 4/01/22	2,000	2,147,800
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North Hudson Sewerage Authority, Refunding RB, Series A (NPFGC), 5.13%, 8/01/20	4,335	5,027,299
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Rahway Valley Sewerage Authority, RB, CAB, Series A (NPFGC), 4.79%, 9/01/28 (e)	6,600	3,079,494
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Union County Utilities Authority, Refunding RB, County Deficiency Agreement, Series A, 5.00%, 6/15/41	5,415	6,082,020
		16,336,613

Total Municipal Bonds in New Jersey		435,177,765
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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)

	Par (000) Value
Municipal Bonds	
Guam 1.4%	
State 0.8%	
Government of Guam Business Privilege, RB, Series A, 5.13%, 1/01/42	\$ 2,500 \$ 2,719,750
Utilities 0.6%	
Guam Power Authority, Refunding RB, Series A (AGM), 5.00%, 10/01/37	1,860 2,014,826
Total Municipal Bonds in Guam	4,734,576
Puerto Rico 9.9%	
Health 0.5%	
Puerto Rico Industrial Tourist Educational Medical & Environmental Control Facilities Financing Authority, RB, Series A, Hospital De La Concepcion, 6.50%, 11/15/20	1,750 1,757,140
State 5.4%	
Commonwealth of Puerto Rico, GO, Refunding, Public Improvement, Series C, 6.00%, 7/01/39	2,080 2,288,562
Puerto Rico Commonwealth Infrastructure Financing Authority, RB, CAB, Series A (AMBAC), 4.38%, 7/01/37 (e)	4,000 818,240
Puerto Rico Public Buildings Authority, Refunding RB, Government Facilities, Series M-3 (NPFGC), 6.00%, 7/01/27	2,125 2,386,354
Puerto Rico Sales Tax Financing Corp., RB: First Sub-Series A , 5.50%, 8/01/42	1,300 1,425,853
First Sub-Series A, 6.00%, 8/01/42	2,500 2,828,150
First Sub-Series A-1, 5.25%, 8/01/43	2,130 2,326,407
First Sub-Series C (AGM), 5.13%, 8/01/42	6,120 6,621,167
	18,694,733
Transportation 1.3%	
Puerto Rico Highway & Transportation Authority,	3,750 4,476,075

Refunding RB, Series CC (AGC), 5.50%, 7/01/31		
Utilities 2.7%		
Puerto Rico Aqueduct & Sewer Authority, RB, Senior Lien, Series A (AGC), 5.13%, 7/01/47	3,250	3,419,325
Puerto Rico Electric Power Authority, RB, Series RR (CIFG), 5.00%, 7/01/28	4,100	4,244,156
Puerto Rico Electric Power Authority, Refunding RB, Series VV (NPFGC), 5.25%, 7/01/26	1,325	1,541,518
		9,204,999
Total Municipal Bonds in Puerto Rico		34,132,947
Total Municipal Bonds 137.1%		474,045,288

**Municipal Bonds Transferred to
Tender Option Bond Trusts (f)
New Jersey 16.3%**

Housing 1.6%		
New Jersey State Housing & Mortgage Finance Agency, RB, Capital Fund Program, Series A (AGM), 5.00%, 5/01/27	4,790	5,391,959
State 3.5%		
Garden State Preservation Trust, RB, Election of 2005, Series A (AGM), 5.75%, 11/01/28	9,160	12,227,959

Municipal Bonds Transferred to Tender Option Bond Trusts (f) New Jersey (concluded)	Par (000)	Value
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Transportation 7.3%		
Port Authority of New York & New Jersey, RB, Consolidated, 163rd Series, 5.00%, 7/15/39	\$ 11,456	\$ 12,855,928
Port Authority of New York & New Jersey, Refunding RB, Consolidated, AMT:		
Consolidated, 106th Series, 5.00%, 10/15/41	5,500	5,879,995
Consolidated, 152nd Series, 5.25%, 11/01/35	5,998	6,519,270
		25,255,193
Utilities 3.9%		
Union County Utilities Authority, Refunding RB, Covanta Union, Series A, AMT, 5.25%, 12/01/31	12,370	13,521,523
Total Municipal Bonds in New Jersey		56,396,634

Puerto Rico 0.4%

State 0.4%Puerto Rico Sales Tax Financing Corp., RB, Series C,
5.25%, 8/01/40

1,270 \$ 1,410,348

Total Municipal Bonds in Puerto Rico 1,410,348**Total Municipal Bonds Transferred to****Tender Option Bond Trusts 16.7%** 57,806,982**Total Long-Term Investments****(Cost \$488,854,847) 153.8%** 531,852,270**Short-Term Securities****Shares**BIF New Jersey Municipal Money Fund,
0.00% (g)(h)

10,688,194 10,688,194

Total Short-Term Securities**(Cost \$10,688,194) 3.1%** 10,688,194**Total Investments (Cost \$499,543,041) 156.9%** 542,540,464**Other Assets Less Liabilities 1.3%** 4,655,482**Liability for TOB Trust Certificates, Including Interest****Expense and Fees Payable (8.3)%** (28,603,944)**VRDP Shares, at Liquidation Value (49.9)%** (172,700,000)**Net Assets Applicable to Common Shares 100.0%** \$ 345,892,002

- (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) Security is collateralized by Municipal or US Treasury obligations.
- (d) 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.
- (e) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.
- (f) Securities represent bonds transferred to a TOB in exchange for which the Fund acquired residual interest certificates. These securities serve as collateral in a financing transaction. See Note 1 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs.

See Notes to Financial Statements.

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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 period, 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 January 31, 2012	Income
BIF New Jersey Municipal Money Fund	9,941,803	746,391	10,688,194	\$2,105

(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 wi