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BLACKROCK MUNIYIELD FUND INC  
Form N-CSR  
July 02, 2012  
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 811-06414

Name of Fund: BlackRock MuniYield Fund, Inc. (MYD)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock MuniYield Fund, Inc., 55 East 52<sup>nd</sup> Street, New York, NY 10055

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

Date of fiscal year end: 04/30/2012

Date of reporting period: 04/30/2012

Item 1 – Report to Stockholders

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**April 30, 2012**

## Annual Report

BlackRock MuniYield Fund, Inc. (MYD)

BlackRock MuniYield Quality Fund, Inc. (MQY)

BlackRock MuniYield Quality Fund II, Inc. (MQT)

**Not FDIC Insured** § No

**Bank Guarantee** § May  
Lose Value

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**Dear Shareholder**

One year ago at this time, risk assets were in a broad retreat as political strife in Greece ignited fears about sovereign debt problems spreading across Europe and economic indicators signaled that the global recovery had slowed. Confidence was further shaken by the prolonged debt ceiling debate in Washington, DC. Early in August 2011, 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 the European debt crisis intensified. Macro news flow became the dominant force in financial markets, driving asset prices up and down in lock step, in a risk on/risk off trading pattern. By the end of the third quarter in 2011, 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 2011 brought enough positive economic data to assuage fears of a global double-dip recession. Additionally, European leaders began making concerted efforts to stem the region's debt crisis. Investors began to reenter the markets, putting risk assets on the road to recovery. Improving sentiment carried over into early 2012 as a number of factors elicited greater optimism. Sovereign debt problems in Europe became less pressing. Greece secured its second bailout package and completed the restructuring of its national debt. The European Central Bank gave financial markets a boost by providing additional liquidity through its long-term refinancing operations. The outlook for the global economy grew less dim as stronger data from the United States, particularly from the labor market, lifted sentiment. Hopes for additional monetary stimulus from the US Federal Reserve and strong corporate earnings pushed risk assets (including stocks, commodities and high yield bonds) higher through the first two months of the year while rising Treasury yields pressured higher-quality fixed income assets. The risk rally softened in late March, however, due to renewed fears about slowing growth in China and Europe's debt troubles. Equity markets staggered downward in April as Spain's financial situation became increasingly severe and elections in Greece and France added to uncertainty about the future of the euro zone. In the United States, disappointing jobs reports in April revealed that the recent acceleration in the labor market had been a short-lived surge. Overall, US economic data signaled that the pace of the recovery had slowed, but not to the extent that warranted additional monetary stimulus.

Thanks in large part to an exceptionally strong first quarter of 2012, equities and high yield bonds posted solid returns for the 6-month period ended April 30, 2012. On a 12-month basis, US large-cap stocks and high yield bonds delivered positive results; however, small-cap stocks finished in negative territory. International and emerging equities, which experienced significant downturns in 2011, lagged the broader rebound. Fixed income securities, including corporate, government and municipal bonds, performed well despite recent yield volatility. US Treasury bonds finished strong, with an April rally erasing the effects of their broad sell-off during February and March. Continued low short-term interest rates kept yields on money market securities near their all-time lows.

Financial markets have regained a significant degree of stability since the period of turmoil we endured last year; however, considerable headwinds remain. Political uncertainty in Europe elevates concerns about additional flare ups in the debt crisis. Higher energy prices and slowing growth in China continue to pose risks for the global economy. Potential political leadership changes around the world create additional layers of uncertainty. But, we believe that with these challenges come 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](http://www.blackrock.com/newworld) for more information.

Sincerely,  
**Rob Kapito**  
 President, BlackRock Advisors, LLC

*Financial markets have regained a significant degree of stability since the period of turmoil we endured last year; however, considerable headwinds remain.*

**Rob Kapito**  
 President, BlackRock Advisors, LLC

**Total Returns as of April 30, 2012**

	6-month	12-month
US large cap equities (S&P 500® Index)	12.77%	4.76%

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US small cap equities (Russell 2000® Index)	11.02	(4.25)
International equities (MSCI Europe, Australasia, Far East Index)	2.44	(12.82)
Emerging market equities (MSCI Emerging Markets Index)	3.93	(12.61)
3-month Treasury bill (BofA Merrill Lynch 3-Month Treasury Bill Index)	0.01	0.05
US Treasury securities (BofA Merrill Lynch 10- Year US Treasury Index)	3.83	16.41
US investment grade bonds (Barclays US Aggregate Bond Index)	2.44	7.54
Tax-exempt municipal bonds (S&P Municipal Bond Index)	5.71	11.90
US high yield bonds (Barclays US Corporate High Yield 2% Issuer Capped Index)	6.91	5.89

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 April 30, 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 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.

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. Overall, the municipal yield curve flattened during the period from April 30, 2011 to April 30, 2012. As measured by Thomson Municipal Market Data, yields declined by 133 basis points (bps) to 3.25% on AAA-rated 30-year municipal bonds and by 98 bps to 1.87% on 10-year bonds, while yields on 5-year issues fell 68 bps to 0.82%. While the entire municipal curve flattened over the 12-month time period, the spread between 2- and 30-year maturities tightened by 108 bps, and in the 2- to 10-year range, the spread tightened by 73 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. It has been well over a year 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. Year-to-date through the end of April, less than \$470 million in par value of municipal bonds have defaulted for the first time. This represents only 0.0125% in total municipal bonds outstanding, as compared to 0.065% for the full year 2011. (Data provided by Bank of America.) 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.

Fund Summary as of April 30, 2012

BlackRock MuniYield Fund, Inc.

**Fund Overview**

**BlackRock MuniYield Fund, Inc. s (MYD) (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 bonds exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax). The Fund invests, under normal market conditions, at least 75% of its assets in municipal bonds rated investment grade and invests primarily in long-term municipal bonds with a maturity of more than ten years 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 April 30, 2012, the Fund returned 26.06% based on market price and 24.76% based on net asset value ( NAV ). For the same period, the closed-end Lipper General & Insured Municipal Debt Funds (Leveraged) category posted an average return of 25.51% based on market price and 23.04% based on NAV. All returns reflect reinvestment of dividends. The Fund s premium to NAV, which widened 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 primary factors contributing to positive performance during the period were the Fund s duration positioning (preference for securities with a higher sensitivity to interest rate movements) and yield curve-flattening bias. The Fund has consistently emphasized longer-dated securities in order to benefit from long-term rates declining faster than short-term rates, a scenario that occurred during the period. In addition, sector concentrations in health and transportation proved beneficial, as did the avoidance of pre-refunded and escrowed issues, which underperformed the broader market. The Fund s holdings generated a high distribution yield, which in the aggregate, had a meaningful impact on returns. Detracting from performance was the Fund s long-standing focus on corporate-related debt, which modestly underperformed the market 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 New York Stock Exchange ( NYSE )	MYD
Initial Offering Date	November 29, 1991
Yield on Closing Market Price as of April 30, 2012 (\$15.49) <sup>1</sup>	6.47%
Tax Equivalent Yield <sup>2</sup>	9.95%
Current Monthly Distribution per Common Share <sup>3</sup>	\$0.0835
Current Annualized Distribution per Common Share <sup>3</sup>	\$1.002
Economic Leverage as of April 30, 2012 <sup>4</sup>	38%

<sup>1</sup> 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.

<sup>2</sup> Tax equivalent yield assumes the maximum federal tax rate of 35%.

<sup>3</sup> The distribution rate is not constant and is subject to change.

<sup>4</sup> Represents Variable Rate Demand Preferred Shares ( VRDP 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 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 8.

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

	4/30/12	4/30/11	Change	High	Low
Market Price	\$ 15.49	\$ 13.17	17.62%	\$ 15.98	\$ 12.73
Net Asset Value	\$ 15.19	\$ 13.05	16.40%	\$ 15.20	\$ 13.05

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

### Sector Allocations

	4/30/12	4/30/11
Health	22%	23%
Transportation	19	15
State	14	13
Utilities	11	10
Corporate	11	15
Education	11	9
County/City/Special District/School District	9	9
Tobacco	2	1
Housing	1	5

### Credit Quality Allocations<sup>5</sup>

	4/30/12	4/30/11
AAA/Aaa	9%	13%
AA/Aa	40	36
A	27	22
BBB/Baa	10	12
BB/Ba	2	2
B	3	3
CCC/Caa	1	2
CC/Ca		1
Not Rated <sup>6</sup>	8	9

<sup>5</sup> Using the higher of Standard and Poor's (S&P's) or Moody's Investor Service (Moody's) ratings.

<sup>6</sup> The investment advisor has deemed certain of these non-rated securities to be of investment grade quality. As of April 30, 2012 and April 30, 2011, the market value of these securities was \$3,159,009 and \$3,786,237, each representing less than 1%, respectively, of the Fund's long-term investments.



Fund Summary as of April 30, 2012

BlackRock MuniYield Quality Fund, Inc.

**Fund Overview**

**BlackRock MuniYield Quality Fund, Inc. s (MQY) (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 bonds exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax). The Fund invests in municipal bonds which are in the three highest quality rating categories (A or better) or, if unrated, of comparable quality at the time of investment. The Fund invests primarily in long-term municipal bonds with maturities of more than ten years 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 April 30, 2012, the Fund returned 29.85% based on market price and 25.78% based on NAV. For the same period, the closed-end Lipper General & Insured Municipal Debt Funds (Leveraged) category posted an average return of 25.51% based on market price and 23.04% 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 largest drivers of Fund performance during the period were the decline in interest rates (bond prices rise when interest rates fall), the flattening of the yield curve (long-term 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 contributed positively to performance as these bonds derived the greatest benefit from the declining 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	MQY
Initial Offering Date	June 26, 1992
Yield on Closing Market Price as of April 30, 2012 (\$16.05) <sup>1</sup>	5.98%
Tax Equivalent Yield <sup>2</sup>	9.20%
Current Monthly Distribution per Common Share <sup>3</sup>	\$0.080
Current Annualized Distribution per Common Share <sup>3</sup>	\$0.960
Economic Leverage as of April 30, 2012 <sup>4</sup>	37%

<sup>1</sup> 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.

<sup>2</sup> Tax equivalent yield assumes the maximum federal tax rate of 35%.

<sup>3</sup> The distribution rate is not constant and is subject to change.

<sup>4</sup> 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 8.

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

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	4/30/12	4/30/11	Change	High	Low
Market Price	\$ 16.05	\$ 13.15	22.05%	\$ 16.88	\$ 12.76
Net Asset Value	\$ 16.22	\$ 13.72	18.22%	\$ 16.28	\$ 13.72

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

**Sector Allocations**

	4/30/12	4/30/11
County/City/Special District/School District	24%	25%
State	19	15
Transportation	18	22
Utilities	16	17
Health	11	9
Education	6	4
Housing	4	3
Corporate	2	3
Tobacco		2

**Credit Quality Allocations<sup>5</sup>**

	4/30/12	4/30/11
AAA/Aaa	11%	12%
AA/Aa	64	59
A	20	23
BBB/Baa	5	6

<sup>5</sup> Using the higher of S&P's or Moody's ratings.

Fund Summary as of April 30, 2012

**BlackRock MuniYield Quality Fund II, Inc.****Fund Overview**

**BlackRock MuniYield Quality Fund II, Inc. s (MQT) (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 bonds exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax). The Fund invests in municipal bonds which are in the three highest quality rating categories (A or better) or, if unrated, of comparable quality at the time of investment. The Fund invests primarily in long-term municipal bonds with maturities of more than ten years 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 April 30, 2012, the Fund returned 28.04% based on market price and 26.85% based on NAV. For the same period, the closed-end Lipper General & Insured Municipal Debt Funds (Leveraged) category posted an average return of 25.51% based on market price and 23.04% 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 largest drivers of Fund performance during the period were the decline in interest rates (bond prices rise when interest rates fall), the flattening of the yield curve (long-term 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 contributed positively to performance as these bonds derived the greatest benefit from the declining 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	MQT
Initial Offering Date	August 28, 1992
Yield on Closing Market Price as of April 30, 2012 (\$13.93) <sup>1</sup>	5.99%
Tax Equivalent Yield <sup>2</sup>	9.22%
Current Monthly Distribution per Common Share <sup>3</sup>	\$0.0695
Current Annualized Distribution per Common Share <sup>3</sup>	\$0.8340
Economic Leverage as of April 30, 2012 <sup>4</sup>	37%

<sup>1</sup> 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.

<sup>2</sup> Tax equivalent yield assumes the maximum federal tax rate of 35%.

<sup>3</sup> The distribution rate is not constant and is subject to change.

<sup>4</sup> 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 8.

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

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	4/30/12	4/30/11	Change	High	Low
Market Price	\$ 13.93	\$ 11.59	20.19%	\$ 14.59	\$ 11.05
Net Asset Value	\$ 14.11	\$ 11.85	19.07%	\$ 14.15	\$ 11.85

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

**Sector Allocations**

	4/30/12	4/30/11
County/City/Special District/School District	28%	29%
Transportation	20	22
State	18	17
Utilities	11	13
Health	10	8
Housing	6	7
Education	6	3
Corporate	1	1

**Credit Quality Allocations<sup>5</sup>**

	4/30/12	4/30/11
AAA/Aaa	12%	9%
AA/Aa	67	68
A	11	19
BBB/Baa	10	4

<sup>5</sup> Using the higher of S&P's or Moody's ratings.

### 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.

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 and/or debt securities does not fluctuate in relation to interest rates. As a result, changes in interest rates can influence the Funds NAV positively or negatively in addition to the impact on Fund performance from leverage from Preferred Shares and borrowings 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 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 50% of its total managed assets and 45% for Funds with VRDP Shares or VMTP Shares. As of April 30, 2012, the Funds had economic leverage from Preferred Shares and/or TOBs as a percentage of their total managed assets as follows:

	<b>Percent of Economic Leverage</b>
MYD	38%
MQY	37%
MQT	37%

### 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, interest rate and/or other 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.

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Schedule of Investments April 30, 2012

**BlackRock MuniYield Fund, Inc. (MYD)**  
(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
<b>Alabama 0.7%</b>		
County of Jefferson Alabama, RB, Series A, 5.50%, 1/01/22	\$ 5,250	\$ 5,222,385
<b>Alaska 1.0%</b>		
Northern Tobacco Securitization Corp., Refunding RB, Tobacco Settlement, Asset-Backed, Series A: 4.63%, 6/01/23	2,500	2,473,200
5.00%, 6/01/46	6,450	4,883,037
		7,356,237
<b>Arizona 5.9%</b>		
Maricopa County IDA, RB, Arizona Charter Schools Project, Series A, 6.75%, 7/01/29	3,300	2,274,855
Phoenix IDA Arizona, Refunding RB, America West Airlines, Inc. Project, AMT: 6.25%, 6/01/19	3,000	2,720,670
6.30%, 4/01/23	5,090	4,462,199
Pima County IDA, IDR, Tucson Electric Power Co., Series A, 6.38%, 9/01/29	3,000	3,075,030
Pima County IDA Arizona, Prerefunded ERB, Prerefunded, Arizona Charter Schools II, Series A, 6.75%, 7/01/31	245	247,717
Pima County IDA Arizona, Unrefunded ERB, Unrefunded, Arizona Charter Schools II, Series A, 6.75%, 7/01/31	475	475,095
Salt Verde Financial Corp., RB, Senior: 5.00%, 12/01/32	7,365	7,507,513
5.00%, 12/01/37	14,190	14,395,045
Vistancia Community Facilities District Arizona, GO, 5.75%, 7/15/24	2,125	2,258,833
Yavapai County IDA Arizona, RB, Yavapai Regional Medical Center, Series A, 6.00%, 8/01/33	3,900	3,956,862
		41,373,819

Municipal Bonds	Par (000)	Value
<b>California 10.2%</b>		
California Health Facilities Financing Authority, Refunding RB: Catholic Healthcare West, Series A, 6.00%, 7/01/34	\$ 3,155	\$ 3,655,446
St. Joseph Health System, Series A, 5.75%, 7/01/39	4,425	5,009,277
Sutter Health, Series B, 6.00%, 8/15/42	6,465	7,578,467
California State Public Works Board, RB, Various Capital Projects, Sub-Series I-1, 6.38%, 11/01/34	2,385	2,785,203
California Statewide Communities Development Authority, RB: John Muir Health, 5.13%, 7/01/39	4,375	4,581,631
Kaiser Permanente, Series A, 5.00%, 4/01/42	4,455	4,752,728
	1,605	1,768,405

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City of Los Angeles Department of Airports, RB, Series A, 5.25%, 5/15/40		
City of Los Angeles Department of Airports, Refunding RB, Senior, Los Angeles International Airport, Series A, 5.00%, 5/15/40	11,970	13,000,258
State of California, GO: (AMBAC), 5.00%, 4/01/31	10	10,429
Various Purpose, 6.00%, 3/01/33	5,085	6,049,167
Various Purpose, 6.50%, 4/01/33	14,075	17,151,795
Various Purpose, 5.00%, 10/01/41	5,190	5,526,727
		71,869,533
<b>Colorado 2.4%</b>		
City & County of Denver Colorado, RB, Series D, AMT (AMBAC), 7.75%, 11/15/13	2,785	2,945,305
Colorado Housing & Finance Authority, Refunding RB, S/F Program, Senior Series D-2, AMT, 6.90%, 4/01/29	105	110,192
Plaza Metropolitan District No. 1 Colorado, Tax Allocation Bonds, Public Improvement Fee, Tax Increment: 8.00%, 12/01/25	6,850	7,075,707
Subordinate, 8.13%, 12/01/25	1,885	1,846,075

### 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:

<b>ACA</b>	American Capital Access Corp.
<b>AGC</b>	Assured Guaranty Corp.
<b>AGM</b>	Assured Guaranty Municipal Corp.
<b>AMBAC</b>	American Municipal Bond Assurance Corp.
<b>AMT</b>	Alternative Minimum Tax (subject to)
<b>ARB</b>	Airport Revenue Bonds
<b>BHAC</b>	Berkshire Hathaway Assurance Corp.
<b>CAB</b>	Capital Appreciation Bonds
<b>COP</b>	Certificates of Participation
<b>EDA</b>	Economic Development Authority
<b>EDC</b>	Economic Development Corp.
<b>ERB</b>	Education Revenue Bonds
<b>FHA</b>	Federal Housing Administration
<b>GAB</b>	Grant Anticipation Bonds
<b>GARB</b>	General Airport Revenue Bonds
<b>GO</b>	General Obligation Bonds
<b>HDA</b>	Housing Development Authority
<b>HFA</b>	Housing Finance Agency
<b>HRB</b>	Housing Revenue Bonds
<b>IDA</b>	Industrial Development Authority
<b>IDRB</b>	Industrial Development Revenue Bonds
<b>ISD</b>	Independent School District
<b>LOC</b>	Letter of Credit
<b>MRB</b>	Mortgage Revenue Bonds
<b>NPFGC</b>	National Public Finance Guarantee Corp.
<b>PSF-GTD</b>	Permanent School Fund Guaranteed
<b>Radian</b>	Radian Financial Guaranty
<b>RB</b>	Revenue Bonds
<b>S/F</b>	Single-Family
<b>SO</b>	Special Obligation
<b>Syncora</b>	Syncora Guaranteed



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Schedule of Investments (continued)

**BlackRock MuniYield Fund, Inc. (MYD)**  
(Percentages shown are based on Net Assets)

	Par (000)	Value
<b>Municipal Bonds</b>		
<b>Colorado (concluded)</b>		
University of Colorado, RB, Series A:		
5.25%, 6/01/30	\$ 2,250	\$ 2,675,205
5.38%, 6/01/32	1,250	1,489,175
5.38%, 6/01/38	830	953,828
		17,095,487
<b>Connecticut 1.6%</b>		
Connecticut State Health & Educational Facility Authority, RB:		
Ascension Health Senior Credit, 5.00%, 11/15/40	2,770	2,980,493
Wesleyan University, 5.00%, 7/01/35	2,225	2,475,290
Wesleyan University, 5.00%, 7/01/39	5,000	5,502,550
		10,958,333
<b>Delaware 1.6%</b>		
County of Sussex Delaware, RB, NRG Energy, Inc., Indian River Project, 6.00%, 10/01/40		
	2,305	2,495,900
Delaware State EDA, RB, Exempt Facilities, Indian River Power, 5.38%, 10/01/45		
	8,275	8,543,193
		11,039,093
<b>District of Columbia 2.8%</b>		
District of Columbia, Tax Allocation Bonds, City Market of Street Project, 5.13%, 6/01/41		
	4,440	4,626,746
Metropolitan Washington Airports Authority, RB: CAB, Second Senior Lien, Series B (AGC), 7.00%, 10/01/31 (a)		
	8,350	3,000,740
CAB, Second Senior Lien, Series B (AGC), 7.03%, 10/01/32 (a)		
	15,000	5,063,250
CAB, Second Senior Lien, Series B (AGC), 7.05%, 10/01/33 (a)		
	13,410	4,266,257
First Senior Lien, Series A, 5.25%, 10/01/44		
	2,425	2,609,809
		19,566,802
<b>Florida 7.1%</b>		
Broward County Water & Sewer Utility Revenue, RB, Series A, 5.25%, 10/01/34		
	2,155	2,444,244
City of Clearwater Florida, RB, Series A, 5.25%, 12/01/39		
	6,900	7,703,091
County of Miami-Dade Florida, Refunding RB, Miami International Airport, Series A-1, 5.38%, 10/01/41		
	7,530	8,320,349
Greater Orlando Aviation Authority Florida, RB, Special Purpose, JetBlue Airways Corp., AMT, 6.50%, 11/15/36		
	2,500	2,518,050
Hillsborough County IDA, RB, National Gypsum Co., AMT:		
Series A, 7.13%, 4/01/30	11,500	11,390,175
Series B, 7.13%, 4/01/30	5,000	4,949,250
Mid-Bay Bridge Authority, RB, Series A, 7.25%, 10/01/40		
	4,615	5,349,569
Midtown Miami Community Development District, Special Assessment Bonds, Series B, 6.50%, 5/01/37		
	5,080	5,147,259

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Santa Rosa Bay Bridge Authority, RB, 6.25%, 7/01/28 (b)(c)	4,620	1,795,979 49,617,966
	<b>Par (000)</b>	<b>Value</b>
<b>Municipal Bonds</b>		
<b>Georgia 1.3%</b>		
DeKalb Private Hospital Authority, Refunding RB, Children s Healthcare, 5.25%, 11/15/39	\$ 1,700	\$ 1,838,295
Metropolitan Atlanta Rapid Transit Authority, RB, Third Series, 5.00%, 7/01/39	6,945	7,535,950 9,374,245
<b>Hawaii 0.4%</b>		
State of Hawaii, Refunding RB, Series A, 5.25%, 7/01/30	2,760	3,044,777
<b>Idaho 1.4%</b>		
Power County Industrial Development Corp., RB, FMC Corp. Project, AMT, 6.45%, 8/01/32	10,000	10,012,600
<b>Illinois 10.4%</b>		
Bolingbrook Special Service Area No. 1, Special Tax Bonds, Forest City Project, 5.90%, 3/01/27	1,000	880,890
Chicago Board of Education Illinois, GO, Series A: 5.50%, 12/01/39	4,280	4,837,813
5.00%, 12/01/41	1,410	1,516,652
City of Chicago Illinois, RB, Series A, 5.25%, 1/01/38	1,660	1,847,480
City of Chicago Illinois, RB, O Hare International Airport, General Third Lien:		
Series A, 5.63%, 1/01/35	4,200	4,804,758
Series A, 5.75%, 1/01/39	3,500	4,008,235
Series C, 6.50%, 1/01/41	11,920	14,296,967
City of Chicago Illinois Transit Authority, RB, 5.25%, 12/01/40	2,130	2,361,680
Illinois Finance Authority, RB, Navistar International, Recovery Zone, 6.50%, 10/15/40	3,130	3,386,597
Illinois Finance Authority, Refunding RB: Ascension Health, Series A, 5.00%, 11/15/37 (d)	1,970	2,141,252
Ascension Health, Series A, 5.00%, 11/15/42 (d)	3,575	3,865,040
Central Dupage Health, Series B, 5.50%, 11/01/39	3,235	3,540,255
Friendship Village Schaumburg, Series A, 5.63%, 2/15/37	875	789,670
Metropolitan Pier & Exposition Authority, Refunding RB, McCormick Place Expansion Project:		
CAB, Series B (AGM), 6.25%, 6/15/46 (a)	11,405	1,808,491
CAB, Series B (AGM), 6.25%, 6/15/47 (a)	27,225	4,048,630
Series B (AGM), 5.00%, 6/15/50	6,405	6,671,512
Series B-2, 5.00%, 6/15/50	5,085	5,294,807
Railsplitter Tobacco Settlement Authority, RB: 5.50%, 6/01/23	2,730	3,119,762
6.00%, 6/01/28	2,335	2,649,665
State of Illinois, RB, Build Illinois, Series B, 5.25%, 6/15/34	1,275	1,402,755 73,272,911
<b>Indiana 2.2%</b>		
Indiana Finance Authority, RB: Sisters of St. Francis Health, 5.25%, 11/01/39	1,690	1,817,832
Waste Water Utility, First Lien, CWA Authority, Series A, 5.25%, 10/01/38	3,200	3,567,104
Indiana Finance Authority, Refunding RB, Parkview Health System, Series A, 5.75%, 5/01/31	6,645	7,357,676

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Indiana Municipal Power Agency, RB, Series B, 6.00%, 1/01/39	2,230	2,554,643 15,297,255
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Schedule of Investments (continued)

**BlackRock MuniYield Fund, Inc. (MYD)**  
(Percentages shown are based on Net Assets)

	Par (000)	Value
<b>Municipal Bonds</b>		
<b>Iowa 0.7%</b>		
Iowa Student Loan Liquidity Corp., RB, Senior Series A-1, AMT, 5.15%, 12/01/22	\$ 4,165	\$ 4,633,021
<b>Kansas 1.2%</b>		
Kansas Development Finance Authority, Refunding RB:		
Adventist Health, 5.75%, 11/15/38	4,380	5,009,494
Sisters of Leavenworth, Series A, 5.00%, 1/01/40	3,365	3,585,172
		8,594,666
<b>Louisiana 3.7%</b>		
East Baton Rouge Sewerage Commission, RB, Series A, 5.25%, 2/01/39	1,610	1,769,921
Louisiana Local Government Environmental Facilities & Community Development Authority, RB, Westlake Chemical Corp. Projects, 6.75%, 11/01/32	9,000	9,908,820
New Orleans Aviation Board, Refunding RB, Passenger Facility Charge, Series A, 5.25%, 1/01/41	1,260	1,345,907
Port of New Orleans Louisiana, Refunding RB, Continental Grain Co. Project, 6.50%, 1/01/17	13,000	13,016,640
		26,041,288
<b>Maine 0.8%</b>		
Maine Health & Higher Educational Facilities Authority, RB, Series A, 5.00%, 7/01/39	3,140	3,321,838
Maine State Turnpike Authority, RB, Series A, 5.00%, 7/01/42	1,790	1,998,499
		5,320,337
<b>Maryland 1.7%</b>		
County of Prince George s Maryland, SO, National Harbor Project, 5.20%, 7/01/34	1,500	1,468,965
Maryland EDC, RB, Transportation Facilities Project, Series A, 5.75%, 6/01/35	880	933,319
Maryland EDC, Refunding RB, CNX Marine Terminals, Inc., 5.75%, 9/01/25	1,690	1,768,957
Maryland Health & Higher Educational Facilities Authority, Refunding RB, Ascension Health, Series B, 5.00%, 11/15/51 (d)	6,690	7,221,721
Maryland Industrial Development Financing Authority, RB, Our Lady Of Good Counsel School, Series A, 6.00%, 5/01/35	500	509,875
		11,902,837
<b>Massachusetts 2.2%</b>		
Massachusetts Bay Transportation Authority, Refunding RB, Senior Series A-1, 5.25%, 7/01/29	3,250	4,169,685
Massachusetts Development Finance Agency, RB: Seven Hills Foundation & Affiliates (Radian), 5.00%, 9/01/35	3,500	3,211,040
Wellsley College, Series J, 5.00%, 7/01/42	3,680	4,158,841
Massachusetts Health & Educational Facilities Authority, Refunding RB, Partners Healthcare,	3,640	3,881,114

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Series J1, 5.00%, 7/01/39

15,420,680

	Par (000)	Value
<b>Municipal Bonds</b>		
<b>Michigan 4.1%</b>		
City of Detroit Michigan, Senior Lien, RB:		
Series A, 5.25%, 7/01/41	\$ 6,250	\$ 6,372,563
Series B (AGM), 7.50%, 7/01/33	1,835	2,299,365
Kalamazoo Hospital Finance Authority, Refunding RB,		
Bronson Methodist Hospital, 5.50%, 5/15/36	2,795	3,022,904
Michigan State Hospital Finance Authority,		
Refunding RB, Hospital, Henry Ford Health, 5.75%, 11/15/39	6,085	6,672,689
Royal Oak Hospital Finance Authority Michigan,		
Refunding RB, William Beaumont Hospital:		
8.00%, 9/01/29	2,000	2,539,920
8.25%, 9/01/39	6,365	8,094,243
		29,001,684
<b>Minnesota 2.9%</b>		
City of Eden Prairie Minnesota, RB, Rolling Hills Project, Series A (Ginnie Mae):		
6.00%, 8/20/21	420	441,966
6.20%, 2/20/43	2,000	2,102,540
City of Minneapolis Minnesota, HRB, Gaar Scott Loft Project, Mandatory Put Bonds, AMT, 5.95%, 5/01/30 (e)		
	835	836,829
Tobacco Securitization Authority Minnesota, Refunding RB, Tobacco Settlement, Series B:		
5.25%, 3/01/25	9,110	10,260,137
5.25%, 3/01/31	6,215	6,836,003
		20,477,475
<b>Mississippi 0.0%</b>		
University of Southern Mississippi, RB, Campus Facilities Improvements Project, 5.38%, 9/01/36		
	280	311,590
<b>Nebraska 0.7%</b>		
Central Plains Energy Project, RB, Gas Project, Project #3:		
5.25%, 9/01/37	1,670	1,736,132
5.00%, 9/01/42	2,925	2,934,184
		4,670,316
<b>New Jersey 6.8%</b>		
New Jersey EDA, RB:		
Continental Airlines, Inc. Project, AMT, 6.25%, 9/15/19		
	3,905	3,914,372
Continental Airlines, Inc. Project, AMT, 6.25%, 9/15/29		
	11,000	11,026,400
First Mortgage, Lions Gate Project, Series A, 5.75%, 1/01/25		
	710	699,904
First Mortgage, Lions Gate Project, Series A, 5.88%, 1/01/37		
	230	218,923
First Mortgage, Presbyterian Homes, Series A, 6.38%, 11/01/31		
	3,000	2,800,620
Kapkowski Road Landfill Project, Series 1998B- MB, AMT, 6.50%, 4/01/31		
	2,500	2,834,500
Motor Vehicle Surcharge, Series A (NPFGC), 5.00%, 7/01/29		
	10,000	10,678,700
New Jersey EDA, Refunding RB:		
5.00%, 6/15/23	945	1,059,544
5.00%, 6/15/25	1,035	1,131,431

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Schedule of Investments (continued)

**BlackRock MuniYield Fund, Inc. (MYD)**  
(Percentages shown are based on Net Assets)

	Par (000)	Value
<b>Municipal Bonds</b>		
<b>New Jersey (concluded)</b>		
New Jersey Health Care Facilities Financing Authority, RB, Pascack Valley Hospital Association (b)(c):		
6.00%, 7/01/13	\$ 1,335	\$ 13
6.63%, 7/01/36	1,835	18
New Jersey Transportation Trust Fund Authority, RB, Transportation System:		
CAB, Series C (AMBAC), 5.05%, 12/15/35 (a)	13,110	3,799,147
Series A, 5.50%, 6/15/41	3,630	4,137,982
Series B, 5.25%, 6/15/36	4,990	5,575,926
		47,877,480
<b>New York 4.3%</b>		
Dutchess County Industrial Development Agency New York, Refunding RB, St. Francis Hospital, Series A, 7.50%, 3/01/29		
	2,100	2,142,525
Metropolitan Transportation Authority, Refunding RB: Series B, 5.00%, 11/15/34		
	4,910	5,428,692
Transportation, Series D, 5.25%, 11/15/40	2,465	2,697,228
New York City Industrial Development Agency, RB, British Airways Plc Project, AMT, 7.63%, 12/01/32		
	1,250	1,290,625
New York Liberty Development Corp., Refunding RB, Second Priority, Bank of America Tower at One Bryant Park Project, 6.38%, 7/15/49		
	2,480	2,761,058
Oneida County Industrial Development Agency, RB, Hamilton College Civic Facility, Series 2002, 5.00%, 9/15/26		
	1,990	2,246,770
Port Authority of New York & New Jersey, RB, JFK International Air Terminal:		
6.00%, 12/01/36	2,625	2,939,449
6.00%, 12/01/42	1,485	1,645,915
Triborough Bridge & Tunnel Authority, RB, Subordinate Bonds, 5.25%, 11/15/30		
	5,000	5,271,100
Westchester County Industrial Development Agency New York, MRB, Kendal on Hudson Project, Series A, 6.38%, 1/01/24		
	3,450	3,467,905
		29,891,267
<b>North Carolina 1.2%</b>		
North Carolina HFA, RB:		
Home Ownership, Series 8A, AMT, 6.20%, 7/01/16	45	45,101
S/F, Series II (FHA), 6.20%, 3/01/16	235	235,806
North Carolina Medical Care Commission, RB, Duke University Health System, Series A, 5.00%, 6/01/42		
	2,805	3,017,703
North Carolina Medical Care Commission, Refunding RB, First Mortgage, Presbyterian Homes, 5.40%, 10/01/27		
	5,000	5,013,400
		8,312,010
<b>Ohio 0.6%</b>		
County of Montgomery Ohio, Refunding RB, Catholic Healthcare, Series A, 5.00%, 5/01/39		
	2,840	2,994,212



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Toledo-Lucas County Port Authority, RB, St. Mary Woods Project, Series A:		
6.00%, 5/15/24	750	359,902
6.00%, 5/15/34	2,250	1,074,240
		4,428,354
	<b>Par (000)</b>	<b>Value</b>
<b>Municipal Bonds</b>		
<b>Oregon 0.2%</b>		
City of Tigard Washington County Oregon, Refunding RB, Water System (d):		
5.00%, 8/01/37	\$ 510	\$ 569,808
5.00%, 8/01/42	595	663,157
		1,232,965
<b>Pennsylvania 1.9%</b>		
Allegheny County Hospital Development Authority, Refunding RB, Health System, West Penn, Series A, 5.38%, 11/15/40		
	4,150	3,458,818
Pennsylvania Economic Development Financing Authority, RB:		
Aqua Pennsylvania, Inc. Project, 5.00%, 11/15/40	3,805	4,151,407
National Gypsum Co., Series A, AMT, 6.25%, 11/01/27	5,270	4,784,053
Philadelphia Authority for Industrial Development, RB, Commercial Development, AMT, 7.75%, 12/01/17 (e)	1,265	1,266,607
		13,660,885
<b>Puerto Rico 3.7%</b>		
Puerto Rico Commonwealth Aqueduct & Sewer Authority, Refunding RB, Senior Lien, Series A:		
5.13%, 7/01/37	695	693,485
5.25%, 7/01/42	1,165	1,161,412
Puerto Rico Sales Tax Financing Corp., RB:		
CAB, Series C, 6.25%, 8/01/39 (a)	22,915	5,073,152
First Sub-Series A, 6.50%, 8/01/44	10,120	11,865,194
Puerto Rico Sales Tax Financing Corp., Refunding RB, CAB, First Sub-Series C, 6.58%, 8/01/38 (a)	23,695	5,070,493
Puerto Rico Sales Tax Financing Corp., Refunding RB, CAB, Series A (AMBAC), 6.41%, 8/01/47 (a)	14,900	1,951,602
		25,815,338
<b>Rhode Island 0.5%</b>		
Central Falls Detention Facility Corp., Refunding RB, 7.25%, 7/15/35		
	4,240	3,521,617
<b>South Carolina 2.2%</b>		
South Carolina State Ports Authority, RB, 5.25%, 7/01/40		
	6,695	7,351,244
South Carolina State Public Service Authority, RB:		
Santee Cooper Project, Series C, 5.00%, 12/01/36	3,125	3,471,594
Series D, 5.00%, 12/01/43	4,265	4,664,161
		15,486,999
<b>Tennessee 0.5%</b>		
Hardeman County Correctional Facilities Corp. Tennessee, RB, 7.75%, 8/01/17		
	2,870	2,869,570
Rutherford County Health & Educational Facilities Board, Refunding RB, Ascension Health, Series C, 5.00%, 11/15/47 (d)		
	430	464,176
		3,333,746
<b>Texas 14.3%</b>		
	4,365	4,812,456

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Central Texas Regional Mobility Authority, RB, Senior  
Lien, 6.25%, 1/01/46

City of Dallas Texas, Refunding RB, Waterworks &  
Sewer System, 5.00%, 10/01/35

3,060

3,444,397

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Schedule of Investments (continued)

**BlackRock MuniYield Fund, Inc. (MYD)**  
(Percentages shown are based on Net Assets)

	Par (000)	Value
<b>Municipal Bonds</b>		
<b>Texas (concluded)</b>		
City of Houston Texas, RB, Special Facilities, Continental Airlines, Series E, AMT: 7.38%, 7/01/22	\$ 3,500	\$ 3,526,705
7.00%, 7/01/29	3,000	3,014,070
City of Houston Texas, Refunding RB, Senior Lien, Series A, 5.50%, 7/01/39	3,100	3,421,284
Gulf Coast IDA, RB, Citgo Petroleum Corp. Project, Mandatory Put Bonds, AMT, 7.50%, 5/01/25 (e)	3,900	3,939,351
Houston Industrial Development Corp., RB, Senior, Air Cargo, AMT, 6.38%, 1/01/23	1,485	1,483,693
La Vernia Higher Education Finance Corp., RB, KIPP, Inc., Series A, 6.38%, 8/15/44	1,000	1,121,970
Matagorda County Navigation District No. 1 Texas, Refunding RB, Central Power & Light Co. Project, Series A, 6.30%, 11/01/29	4,320	4,931,755
North Texas Tollway Authority, RB: CAB, Special Projects System, Series B, 7.55%, 9/01/37 (a)	4,110	988,619
Toll, 2nd Tier, Series F, 6.13%, 1/01/31	12,140	13,359,585
San Antonio Energy Acquisition Public Facility Corp., RB, Gas Supply, 5.50%, 8/01/25	6,365	7,130,455
Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien:		
LBJ Infrastructure Group LLC, LBJ Freeway Managed Lanes Project, 7.00%, 6/30/40	8,730	10,155,260
NTE Mobility Partners LLC, North Tarrant Express Managed Lanes Project, 6.88%, 12/31/39	6,655	7,632,553
Texas State Public Finance Authority, Refunding ERB, KIPP, Inc., Series A (ACA), 5.00%, 2/15/36	1,000	1,009,300
Texas State Turnpike Authority, RB (AMBAC): CAB, 6.06%, 8/15/35 (a)	15,000	3,728,700
First Tier, Series A, 5.50%, 8/15/39	13,210	13,266,539
University of Texas System, Refunding RB, Financing System:		
Series A, 5.00%, 8/15/22	5,000	6,393,100
Series B, 5.00%, 8/15/43	6,240	7,129,699
		100,489,491
<b>Virginia 2.0%</b>		
James City County EDA, RB, First Mortgage, Williamsburg Lodge, Series A:		
5.35%, 9/01/26	1,500	1,417,890
5.50%, 9/01/34	2,000	1,809,380
Virginia Small Business Financing Authority, RB, Senior Lien, Elizabeth River Crossings OPCP LLC Project:		
5.25%, 1/01/32	3,270	3,357,930
6.00%, 1/01/37	3,715	4,035,828
5.50%, 1/01/42	2,335	2,402,248
Winchester IDA Virginia, RB, Westminster-Canterbury, Series A, 5.20%, 1/01/27	1,000	1,023,370

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14,046,646

	Par (000)	Value
<b>Municipal Bonds</b>		
<b>Washington 1.0%</b>		
Vancouver Housing Authority Washington, HRB, Teal Pointe Apartments Project, AMT: 6.00%, 9/01/22	\$ 945	\$ 941,314
6.20%, 9/01/32	1,250	1,194,325
Washington Health Care Facilities Authority, RB, Swedish Health Services, Series A, 6.75%, 11/15/41	4,045	5,153,856
		7,289,495
<b>Wisconsin 3.3%</b>		
City of Milwaukee Wisconsin, RB, Senior, Air Cargo, AMT, 6.50%, 1/01/25	595	594,881
State of Wisconsin, Refunding RB, Series A, 6.00%, 5/01/36	14,300	17,309,292
Wisconsin Health & Educational Facilities Authority, RB, Ascension Health Senior Credit Group, 5.00%, 11/15/33	4,970	5,412,181
		23,316,354
<b>Wyoming 1.1%</b>		
County of Sweetwater Wyoming, Refunding RB, Idaho Power Co. Project, 5.25%, 7/15/26	6,195	6,967,083
Wyoming Municipal Power Agency, RB, Series A, 5.00%, 1/01/42	595	630,569
		7,597,652
<b>Total Municipal Bonds 110.6%</b>		<b>777,775,636</b>

**Municipal Bonds Transferred to  
Tender Option Bond Trusts (f)**

<b>Alabama 0.7%</b>		
Alabama Special Care Facilities Financing Authority- Birmingham, Refunding RB, Ascension Health Senior Credit, Series C-2, 5.00%, 11/15/36	4,538	4,744,098
<b>Arizona 0.7%</b>		
Salt River Project Agricultural Improvement & Power District, RB, Series A, 5.00%, 1/01/38	4,909	5,324,240
<b>California 6.6%</b>		
Bay Area Toll Authority, Refunding RB, San Francisco Bay Area, Series F-1, 5.63%, 4/01/44	6,581	7,377,812
California Educational Facilities Authority, RB, University of Southern California, Series B, 5.25%, 10/01/39	5,310	6,024,567
Los Angeles Community College District California, GO, Election of 2001, Series A (AGM), 5.00%, 8/01/32	4,650	5,221,764
San Diego Community College District California, GO, Election of 2002, 5.25%, 8/01/33	2,154	2,471,913
San Francisco City & County Public Utilities Commission, RB, Series B, 5.00%, 11/01/39	19,080	21,073,479
University of California, RB, Limited Project, Series B, 4.75%, 5/15/38	4,429	4,528,873
		46,698,408

See Notes to Financial Statements.



## Schedule of Investments (continued)

**BlackRock MuniYield Fund, Inc. (MYD)**  
(Percentages shown are based on Net Assets)

Municipal Bonds Transferred to Tender Option Bond Trusts (f)	Par (000)	Value
<b>Colorado 2.5%</b>		
Colorado Health Facilities Authority, RB, Catholic Health (AGM):		
Series C-3, 5.10%, 10/01/41	\$ 7,490	\$ 7,848,172
Series C-7, 5.00%, 9/01/36	4,800	5,038,224
Colorado Health Facilities Authority, Refunding RB, Catholic Health, Series A, 5.50%, 7/01/34	4,299	4,810,859
		17,697,255
<b>Connecticut 2.9%</b>		
Connecticut State Health & Educational Facility Authority, RB, Yale University:		
Series T-1, 4.70%, 7/01/29	9,130	10,368,393
Series X-3, 4.85%, 7/01/37	9,270	10,277,000
		20,645,393
<b>Florida 1.8%</b>		
County of Miami-Dade Florida, RB, Water & Sewer System, 5.00%, 10/01/34	11,448	12,585,737
<b>Georgia 1.0%</b>		
Private Colleges & Universities Authority, Refunding RB, Emory University, Series C, 5.00%, 9/01/38	6,398	6,954,019
<b>Massachusetts 1.5%</b>		
Massachusetts School Building Authority, RB, Senior, Series B, 5.00%, 10/15/41	9,200	10,310,808
<b>New Hampshire 0.7%</b>		
New Hampshire Health & Education Facilities Authority, Refunding RB, Dartmouth College, 5.25%, 6/01/39	4,048	4,652,802
<b>New York 10.0%</b>		
Hudson New York Yards Infrastructure Corp., RB, 5.75%, 2/15/47	3,260	3,678,814
New York City Municipal Water Finance Authority, RB, Series FF-2, 5.50%, 6/15/40	3,194	3,650,104
New York City Transitional Finance Authority, RB, Future Tax Secured Revenue, Sub-Series E-1, 5.00%, 2/01/42	4,979	5,530,431
New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Construction, 5.25%, 12/15/43	21,630	24,304,549
New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%, 11/15/51	13,080	14,847,239
New York State Dormitory Authority, ERB, Series F, 5.00%, 3/15/35	16,723	18,126,784
		70,137,921
<b>North Carolina 3.4%</b>		
North Carolina Capital Facilities Finance Agency, Refunding RB:		
Duke University Project, Series A, 5.00%, 10/01/41	18,897	20,236,372
Wake Forest University, 5.00%, 1/01/38	3,120	3,403,826
		23,640,198
<b>Ohio 4.4%</b>		

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State of Ohio, Refunding RB, Cleveland Clinic Health,  
Series A, 5.50%, 1/01/39 27,896 30,751,083

Municipal Bonds Transferred to Tender Option Bond Trusts (f)	Par (000)	Value
<b>South Carolina 2.7%</b>		
Charleston Educational Excellence Finance Corp., RB, Charleston County School (AGC):		
5.25%, 12/01/28	\$ 7,795	\$ 8,635,691
5.25%, 12/01/29	6,920	7,653,935
5.25%, 12/01/30	2,510	2,774,378
		19,064,004
<b>Tennessee 1.7%</b>		
Shelby County Health Educational & Housing Facilities Board, Refunding RB, St. Jude s Children s Research Hospital, 5.00%, 7/01/31	11,240	11,892,707
<b>Texas 1.1%</b>		
Harris County Metropolitan Transit Authority, RB, Series A, 5.00%, 11/01/41	6,920	7,635,251
<b>Utah 1.1%</b>		
City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41	7,303	7,827,502
<b>Virginia 3.6%</b>		
Fairfax County IDA Virginia, Refunding RB, Health Care, Inova Health System, Series A, 5.50%, 5/15/35	6,266	7,000,649
University of Virginia, Refunding RB, General, 5.00%, 6/01/40	10,618	11,711,644
Virginia Small Business Financing Authority, Refunding RB, Sentara Healthcare, 5.00%, 11/01/40	6,075	6,552,104
		25,264,397
<b>Washington 0.8%</b>		
Central Puget Sound Regional Transit Authority, RB, Series A (AGM), 5.00%, 11/01/32	5,384	6,051,602
<b>Wisconsin 1.8%</b>		
Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert & Community Health, Inc., 5.25%, 4/01/39	11,458	12,452,304
<b>Total Municipal Bonds Transferred to Tender Option Bond Trusts 49.0%</b>		344,329,729
<b>Total Long-Term Investments (Cost \$1,038,871,666) 159.6%</b>		1,122,105,365

Short-Term Securities	Shares	
FFI Institutional Tax-Exempt Fund, 0.09% (g)(h)	152,651	152,651

See Notes to Financial Statements.

Schedule of Investments (concluded)

**BlackRock MuniYield Fund, Inc. (MYD)**  
(Percentages shown are based on Net Assets)

	Par (000)	Value
<b>Short-Term Securities</b>		
Washington Health Care Facilities Authority, RB, Multicare Health System, Series D (Barclays Bank Plc LOC), 0.25%, 5/07/12 (i)	\$ 7,900	\$ 7,900,000
<b>Total Short-Term Securities</b> (Cost \$8,052,651) 1.1%		8,052,651
<b>Total Investments (Cost \$1,046,924,317) 160.7%</b>		1,130,158,016
<b>Other Assets Less Liabilities 0.4%</b>		3,022,971
<b>Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (25.4)%</b>		(178,491,099)
<b>VRDP Shares, at Liquidation Value (35.7)%</b>		(251,400,000)
<b>Net Assets Applicable to Common Shares 100.0%</b>		\$ 703,289,888

- (a) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.
- (b) Issuer filed for bankruptcy and/or is in default of interest payments.
- (c) Non-income producing security.
- (d) When-issued security. Unsettled when-issued transactions were as follows:

Counterparty	Value	Unrealized Appreciation
Wells Fargo	\$ 1,232,965	\$ 14,577
Morgan Stanley Co., Inc.	\$ 13,692,189	\$ 126,812

- (e) Variable rate security. Rate shown is 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.
- (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 April 30, 2011	Net Activity	Shares Held at April 30, 2012	Income
FFI Institutional Tax-Exempt Fund	16,277,332	(16,124,681)	152,651	\$ 3,384

- (h) Represents the current yield as of report date.
- (i) Variable rate security. Rate shown is as of report date and maturity shown is the date principal owed can be recovered through demand.



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Financial futures contracts sold as of April 30, 2012 were as follows:

Contracts	Issue	Exchange	Expiration	Notional Value	Unrealized Depreciation
608	10-Year US Treasury Note	Chicago Board of Trade	June 2012	\$ 80,427,000	\$ (1,002,968)

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 into 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 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 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 April 30, 2012 in determining the fair valuation of the Fund's investments and derivative financial instruments:

Valuation Inputs	Level 1	Level 2	Level 3	Total
<b>Assets:</b>				
Investments:				
Long-Term Investments <sup>1</sup>		\$ 1,122,105,365		\$ 1,122,105,365
Short-Term Securities	\$ 152,651	7,900,000		8,052,651
<b>Total</b>	<b>\$ 152,651</b>	<b>\$ 1,130,005,365</b>		<b>\$ 1,130,158,016</b>

<sup>1</sup> See above Schedule of Investments for value in each state or political subdivision.

Valuation Inputs	Level 1	Level 2	Level 3	Total
Derivative Financial Instruments <sup>2</sup>				
Interest rate contracts	\$ (1,002,968)			