BLACKROCK MUNIYIELD FUND INC Form N-CSR July 07, 2010 UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM N-CSR
CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT INVESTMENT COMPANIES
Investment Company Act file number 811-06414
Name of Fund: BlackRock MuniYield Fund, Inc. (MYD)
Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809
Name and address of agent for service: Anne F. Ackerley, Chief Executive Officer, BlackRock MuniYield Fund, Inc., 55 East 52 nd Street, New York, NY 10055.
Registrant's telephone number, including area code: (800) 882-0052, Option 4
Date of fiscal year end: 04/30/2010
Date of reporting period: 04/30/2010
Item 1 – Report to Stockholders

Annual Report APRIL 30, 2010

BlackRock MuniYield Fund, Inc. (MYD)

BlackRock MuniYield Quality Fund, Inc. (MQY)

BlackRock MuniYield Quality Fund II, Inc. (MQT)

NOT FDIC INSURED MAY LOSE VALUE NO BANK GUARANTEE

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Dear Shareholder

Although overall global economic and financial conditions have generally improved over the past year, the period ended with high levels of market volatility and diminishing investor confidence sparked by the sovereign debt crisis in Europe, concerns over the strength of the economic recovery and uncertainty surrounding the future of interest rate policies. Additionally, as the period drew to a close, the increasing likelihood of more stringent financial market regulations added to the overall sense of investment uncertainty. Despite the uneven nature of recent market conditions, we continue to believe that the Great Recession likely ended at some point last summer, thanks primarily to massive fiscal and monetary stimulus, and that the global economy remains in recovery mode.

Global equity markets bottomed in early 2009 and since that time have moved unevenly higher as investors were lured back into the markets by depressed valuations, desire for higher yields and improvements in corporate earnings prospects. There have been several corrections along the way and volatility levels have remained elevated reflections of mixed economic data, lingering deflation issues (especially in Europe) and uncertainty surrounding financial regulations. On balance, however, improving corporate revenues and profits and a positive macro backdrop helped push stock prices higher over the last twelve and six months. From a geographic perspective, US equities have outpaced their international counterparts in recent months, as the domestic economic recovery has been more pronounced and as credit-related issues have held European markets down.

Within fixed income markets, yields have been moving unevenly as improving economic conditions have been acting to push Treasury yields higher (and prices correspondingly lower), while concerns over ongoing deflation threats have acted as a counterweight. As the period drew to a close, Treasury yields were falling as investors flocked to the safe haven asset class in the face of escalating uncertainty. Over the course of the last twelve and six months, however, Treasuries underperformed other areas of the bond market, particularly the high yield sector, which has been benefiting from increased investor demand. Meanwhile, municipal bonds slightly outperformed taxable sectors over both the six- and twelve-month periods thanks to continued high demand levels, but have continued to face the headwinds of ongoing state and local budget problems. As in the taxable arena, high yield municipals have been outperforming the rest of the market.

Regarding cash investments, yields on money market securities remain near all-time lows (producing returns only marginally above zero percent), with the Federal Open Market Committee reiterating that economic circumstances are likely to necessitate an accommodative interest rate stance for an extended period.

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

Total Returns as of April 30, 2010	6-month	12-month
US equities (S&P 500 Index)	15.66%	38.84%
Small cap US equities (Russell 2000 Index)	28.17	48.95
International equities (MSCI Europe, Australasia, Far East Index)	2.48	34.43
3-month Treasury bill (BofA Merrill Lynch 3-Month Treasury Bill Index)	0.04	0.15
US Treasury securities (BofA Merrill Lynch 10-Year US Treasury Index)	(0.54)	(1.32)
Taxable fixed income (Barclays Capital US Aggregate Bond Index)	2.54	8.30
Tax-exempt fixed income (Barclays Capital Municipal Bond Index)	3.68	8.85
High yield bonds (Barclays Capital US Corporate High Yield 2% Issuer Capped Index)	11.60	42.53

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

Global financial markets continue to show signs of improvement, but questions about the strength and sustainability of the recovery abound. Through periods of uncertainty, as ever, BlackRock s full resources are dedicated to the management of our clients assets. For additional market perspective and investment insight, visit www.blackrock.com/shareholdermagazine, where you ll find the most recent issue of our award-winning *Shareholder®* magazine, as well as its quarterly companion newsletter, *Shareholder Perspectives*. As always, we thank you for entrusting BlackRock with your investments, and we look forward to your continued partnership in the months and years ahead.

Sincerely,	
Rob Kapito	
President, BlackRock Advisors, LL	C

THIS PAGE NOT PART OF YOUR FUND REPORT

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Fund Summary as of April 30, 2010

BlackRock MuniYield Fund, Inc.

Investment Objective

BlackRock MuniYield Fund, Inc. (MYD) (the Fund) seeks 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 by investing primarily in a portfolio of long-term, investment grade municipal obligations, the interest on which, in the opinion of bond counsel to the issuer, is exempt from federal income taxes.

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

Performance

For the 12 months ended April 30, 2010, the Fund returned 27.75% based on market price and 28.44% based on net asset value (NAV). For the same period, the closed-end Lipper General Municipal Debt Funds (Leveraged) category posted an average return of 28.13% on a market price basis and 22.67% on a NAV basis. All returns reflect reinvestment of dividends. The Funds discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. Positive performance was attributable in part to sector allocation decisions and included concentrations in health care, housing and corporate-related debt, which all performed well. Increasing risk appetite has also proven beneficial given the portfolios focus on lower-rated credits. Additionally, portfolio positioning with respect to a modestly long duration stance and an emphasis on longer-dated bonds was additive in an environment where yields on the long end of the curve fell substantially. Negative factors include underweight positioning in the tax-backed and education sectors, which have performed well on a relative basis.

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, 2010 (\$13.70) ¹	6.70%
Tax Equivalent Yield ²	10.31%
Current Monthly Distribution per Common Share ³	\$0.0765
Current Annualized Distribution per Common Share ³	\$0.9180
Leverage as of April 30, 2010 ⁴	37%

- 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.
- Tax equivalent yield assumes the maximum federal tax rate of 35%.
- The Monthly Distribution per Common Share, declared on June 1, 2010, was increased to \$0.0800. The Yield on Closing Market Price, Current Monthly Distribution per Common Share and Current Annualized Distribution per Common Share do not reflect

the new distribution rate. The new distribution rate is not constant and is subject to further change in the future.

Represents Auction Market Preferred Shares (Preferred Shares) and tender option bond trusts (TOBs) as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to Preferred Shares and TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 7.

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

	4/30/10	4/30/09	Change	High	Low
Market Price	\$13.70	\$11.45	19.65%	\$13.95	\$11.09
Net Asset Value	\$13.87	\$11.53	20.29%	\$13.87	\$11.53

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

Sector Allocations

	4/30/10	4/30/09
Health	22%	18%
Corporate	16	12
State	14	24
Transportation	12	6
Education	9	10
County/City/Special District/School District	9	9
Utilities	8	8
Housing	6	9
Tobacco	4	4

Credit Quality Allocations⁵

	4/30/10	4/30/09
AAA/Aaa	19%	28%
AA/Aa	31	26
A	22	20
BBB/Baa	10	9
BB/Ba	2	1
В	3	2
CCC/Caa	3	2
Not Rated ⁶	10	12

Using the higher of Standard and Poor $\,s\,(\,\,S\&P\,\,s\,\,)$ or Moody $\,s\,$ Investor Service $\,(\,\,Moody\,\,s\,\,)$ ratings.

The investment advisor has deemed certain of these securities to be of investment grade quality. As of April 30, 2010 and April 30, 2009, the market value of these securities was \$6,821,060 representing 1% and \$18,072,535 representing 2%, respectively, of the Fund s long-term investments.

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Fund Summary as of April 30, 2010

BlackRock MuniYield Quality Fund, Inc.

Investment Objective

BlackRock MuniYield Quality Fund, Inc. (MQY) (the Fund) seeks 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 by investing primarily in a portfolio of long-term, high-grade municipal obligations, the interest on which, in the opinion of bond counsel to the issuer, is exempt from federal income taxes.

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

Performance

For the 12 months ended April 30, 2010, the Fund returned 24.86% based on market price and 17.12% based on NAV. For the same period, the closed-end Lipper Insured Municipal Debt Funds (Leveraged) category posted an average return of 24.79% on a market price basis and 15.40% on a NAV basis. 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. Among the factors that contributed to Fund performance during the reporting period were the Fund s constructive posture toward the market during a period of declining yields; exposure to the long end of the yield curve during a period of curve flattening; a general tightening of credit spreads, which drove performance in the Fund s holdings of insured bonds with weaker underlying credits; and the Fund s exposure to the transportation and escrowed sectors. Conversely, lower relative exposure to the public utility and education sectors detracted from Fund performance as both segments performed well. The Fund s holdings of zero-coupon bonds also detracted from performance as spreads in this sector generally underperformed relative to spreads on coupon bonds.

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, 2010 (\$14.48) ¹	6.17%
Tax Equivalent Yield ²	9.49%
Current Monthly Distribution per Common Share ³	\$0.0745
Current Annualized Distribution per Common Share ³	\$0.8940
Leverage as of April 30, 2010 ⁴	39%

- 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.
- Tax equivalent yield assumes the maximum federal tax rate of 35%.
- The Monthly Distribution per Common Share, declared on June 1, 2010, was increased to \$0.0770. The Yield on Closing Market Price, Current Monthly Distribution per Common Share and Current Annualized Distribution per Common Share do not reflect

the new distribution rate. The new distribution rate is not constant and is subject to further change in the future.

Represents Preferred Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to Preferred Shares and TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 7.

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

	4/30/10	4/30/09	Change	High	Low
Market Price	\$14.48	\$12.32	17.53%	\$14.54	\$11.80
Net Asset Value	\$14.63	\$13.27	10.25%	\$15.03	\$13.04

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

Sector Allocations

	4/30/10	4/30/09
Transportation	25%	26%
County/City/Special District/School District	24	20
Utilities	16	16
State	14	18
Health	9	7
Tobacco	4	5
Education	3	2
Corporate	3	4
Housing	2	2

Credit Quality Allocations⁵

	4/30/10	4/30/09
AAA/Aaa	39%	39%
AA/Aa	31	42
A	24	14
BBB/Baa	5	5
Not Rated	16	

- Using the higher of S&P s or Moody s ratings.
- The investment advisor has deemed certain of these securities to be of investment grade quality. As of April 30, 2010, the market value of these securities was \$7,592,058, representing 1% of the Fund s long-term investments.

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Fund Summary as of April 30, 2010

BlackRock MuniYield Quality Fund II, Inc.

Investment Objective

BlackRock MuniYield Quality Fund II, Inc. (MQT) (the Fund) seeks 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 by investing primarily in a portfolio of long-term, high-grade municipal obligations, the interest on which, in the opinion of bond counsel to the issuer, is exempt from federal income taxes. The Fund invests primarily in insured municipal bonds.

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

Performance

For the 12 months ended April 30, 2010, the Fund returned 31.18% based on market price and 17.15% based on NAV. For the same period, the closed-end Lipper Insured Municipal Debt Funds (Leveraged) category posted an average return of 24.79% on a market price basis and 15.40% on a NAV basis. 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. Among the factors that contributed to Fund performance during the reporting period were the Fund s constructive posture toward the market during a period of declining yields; exposure to the long end of the yield curve during a period of curve flattening; a general tightening of credit spreads, which drove performance in the Fund s holdings of insured bonds with weaker underlying credits; and the Fund s exposure to the transportation and housing sectors. Conversely, lower relative exposure to the public utility and education sectors detracted from Fund performance as both segments performed well. The Fund s holdings of zero-coupon bonds also detracted from performance as spreads in this sector generally underperformed relative to spreads on coupon bonds.

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, 2010 (\$12.52) ¹	6.42%
Tax Equivalent Yield ²	9.88%
Current Monthly Distribution per Common Share ³	\$0.067
Current Annualized Distribution per Common Share ³	\$0.804
Leverage as of April 30, 2010 ⁴	39%

- 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.
- Tax equivalent yield assumes the maximum federal tax rate of 35%.
- The distribution is not constant and is subject to change.

Represents Preferred Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to Preferred Shares and TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 7.

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

	4/30/10	4/30/09	Change	High	Low
Market Price	\$12.52	\$10.16	23.23%	\$12.53	\$10.10
Net Asset Value	\$12.71	\$11.55	10.04%	\$13.06	\$11.36

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

	4/30/10	4/30/09
Transportation	26%	29