BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND Form N-CSRS May 03, 2017

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 811-08349

Name of Fund: BlackRock MuniHoldings Investment Quality Fund (MFL)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

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

MuniHoldings Investment Quality Fund, 55 East 52nd Street, New York, NY 10055

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

Date of fiscal year end: 08/31/2017

Date of reporting period: 02/28/2017

Item 1 Report to Stockholders

FEBRUARY 28, 2017

SEMI-ANNUAL REPORT (UNAUDITED)

BlackRock Municipal Bond Trust (BBK)

BlackRock Municipal Income Investment Quality Trust (BAF)

BlackRock Municipal Income Quality Trust (BYM)

BlackRock Municipal Income Trust II (BLE)

BlackRock MuniHoldings Investment Quality Fund (MFL)

BlackRock MuniVest Fund, Inc. (MVF)

Not FDIC Insured May Lose Value No Bank Guarantee

The Markets in Review

Dear Shareholder,

Risk assets, such as stocks and high yield bonds, enjoyed strong performance in the 12 months ended February 28, 2017. It was a different story for higher-quality assets such as U.S. Treasuries, which generated muted returns after struggling in the latter part of 2016 as reflationary expectations in the United States helped drive a pick-up in global growth and investors braced for higher interest rates.

Markets showed great resilience during the period. Big surprises such as the United Kingdom s vote to leave the European Union and the outcome of the U.S. presidential election brought spikes in equity market volatility, but they were ultimately short-lived. Instead, investors used the sell-offs to seize upon buying opportunities, allowing markets to quickly rebound. We believe this reinforces the case for taking the long view rather than reacting to short-term market noise.

The global reflationary theme rising nominal growth, wages and inflation was the dominant driver of asset returns during the period, outweighing significant political upheavals and uncertainty. This trend accelerated after the U.S. election and continued into the beginning of 2017, stoked by expectations for an extra boost to U.S. growth via fiscal policy.

Although economic momentum is gaining traction, the capacity for rapid global growth is restrained by structural factors including an aging population, low productivity growth and excess savings. A tempered economic growth trend and high valuations across most assets have set the stage for muted investment returns going forward.

Equity markets still have room to move, although the disparity between winners and losers is widening, making selectivity increasingly important. Fixed income investors are also facing challenges as bond markets recalibrate to accommodate rising rates and higher inflation expectations. And in a world where political risk and policy uncertainty abound, there is no lack of potential catalysts for higher volatility.

In this environment, investors need to think globally, extend their scope across a broad array of asset classes and be nimble as market conditions change. We encourage you to talk with your financial advisor and visit blackrock.com for further insight about investing in today s markets.

Sincerely,

Rob Kapito

President, BlackRock Advisors, LLC

Rob Kapito

President, BlackRock Advisors, LLC

Total Returns as of February 28, 2017

	6-month	12-month
U.S. large cap equities	10.01%	24.98%
(S&P 500 [®] Index)		
U.S. small cap equities	12.61	36.11
(Russell 2000 [®] Index)		
International equities	4.90	15.75
(MSCI Europe, Australasia,		
Far East Index)		
Emerging market equities	5.51	29.46
(MSCI Emerging Markets Index)		
	0.22	0.39

3-month Treasury bills (BofA Merrill Lynch 3-Month U.S. Treasury Bill Index)		
U.S. Treasury securities (BofA Merrill Lynch 10-Year U.S. Treasury	(6.17)	(4.09)
Index) U.S. investment grade bonds	(2.19)	1.42
(Bloomberg Barclays U.S. Aggregate Bond Index)	()	
Tax-exempt municipal bonds (S&P Municipal Bond Index)	(2.51)	0.76
U.S. high yield bonds (Bloomberg Barclays U.S. Corporate High Yield 2% Issuer	5.43	21.83
Capped Index)		

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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SEMI-ANNUAL REPORT

FEBRUARY 28, 2017

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Municipal Market Overview

For the Reporting Period Ended February 28, 2017 Municipal Market Conditions

Municipal bonds generated modestly positive performance for the period, in spite of vastly rising interest rates as a result of generally stronger economic data, signs of inflation pressures, Federal Reserve (Fed) monetary policy normalization, and market expectations for pro-growth fiscal policy. However, ongoing reassurance from the Fed that rates would be increased gradually and would likely remain low overall resulted in strong demand for fixed income investments. Investors favored the income, relative yield, and stability of municipal bonds amid bouts of interest rate volatility (bond prices rise as rates fall) resulting from the United Kingdom s decision to leave the European Union, the contentious U.S. election, and widening central bank divergence i.e., policy easing outside the United States while the Fed slowly commences policy tightening. During the 12 months ended February 28, 2017, municipal bond funds garnered net inflows of approximately \$22 billion (based on data from the Investment Company Institute).

For the same 12-month period, total new issuance remained robust from a historical perspective at \$443 billion (significantly above the \$393 billion issued in the prior 12-month period). A noteworthy portion of new supply during this period was attributable to refinancing activity (roughly 60%) as issuers continued to take advantage of low interest rates and a flatter yield curve to reduce their borrowing costs.

S&P Municipal Bond Index Total Returns as of February 28, 2017 6 months: (2.51)% 12 months: 0.76%

A Closer Look at Yields

From February 29, 2016 to February 28, 2017, yields on AAA-rated 30-year municipal bonds increased by 25 basis points (bps) from 2.80% to 3.05%, while 10-year rates rose by 53 bps from 1.76% to 2.29% and 5-year rates increased 57 bps from 0.93% to 1.50% (as measured by Thomson Municipal Market Data). The municipal yield curve modestly flattened over the 12-month period with the spread between 2- and 30-year maturities flattening by 17 bps and the spread between 10- and 30-year maturities flattening by 28 bps.

During the same time period, on a relative basis, tax-exempt municipal bonds broadly outperformed U.S. Treasuries with the greatest outperformance experienced in the long-end of the yield curve. In absolute terms, the positive performance of municipal bonds was driven largely by a supply/demand imbalance within the municipal market as investors sought income and incremental yield in an environment where opportunities became increasingly scarce. More broadly, municipal bonds came under pressure post the November U.S. election as a result of uncertainty surrounding potential tax-reform, erasing a bulk of year-to-date performance and influencing a strong pattern of mutual fund inflows to turn negative in the closing months of the period. The asset class is known for its lower relative volatility and preservation of principal with an emphasis on income as tax rates rise.

Financial Conditions of Municipal Issuers

The majority of municipal credits remain strong, despite well-publicized distress among a few issuers. Four of the five states with the largest amount of debt outstanding California, New York, Texas and Florida have exhibited markedly improved credit fundamentals during the slow national recovery. However, several states with the largest unfunded pension liabilities have seen their bond prices decline noticeably and remain vulnerable to additional price deterioration. On the local level, Chicago s credit quality downgrade is an outlier relative to other cities due to its larger pension liability and inadequate funding remedies. BlackRock maintains the view that municipal bond defaults will remain minimal and in the periphery while the overall market is fundamentally sound. We continue to advocate careful credit research and believe that a thoughtful approach to structure and security selection remains imperative amid uncertainty in a modestly improving economic environment.

The opinions expressed are those of BlackRock as of February 28, 2017, and are subject to change at any time due to changes in market or economic conditions. The comments should not be construed as a recommendation of any individual holdings or market sectors. Investing involves risk including loss of principal. Bond

values fluctuate in price so the value of your investment can go down depending on market conditions. Fixed income risks include interest-rate and credit risk. Typically, when interest rates rise, there is a corresponding decline in bond values. Credit risk refers to the possibility that the bond issuer will not be able to make principal and interest payments. There may be less information on the financial condition of municipal issuers than for public corporations. The market for municipal bonds may be less liquid than for taxable bonds. Some investors may be subject to Alternative Minimum Tax (AMT). Capital gains distributions, if any, are taxable.

The Standard & Poor s Municipal Bond Index, a broad, market value-weighted index, seeks to measure the performance of the U.S. municipal bond market. All bonds in the index are exempt from U.S. federal income taxes or subject to the alternative minimum tax. Past performance is no guarantee of future results. Index performance is shown for illustrative purposes only. It is not possible to invest directly in an index.

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SEMI-ANNUAL REPORT

The Benefits and Risks of Leveraging

The Trusts may utilize leverage to seek to enhance the distribution rate on, and net asset value (NAV) of, their common shares (Common Shares). However, these objectives cannot be achieved in all interest rate environments.

In general, the concept of leveraging is based on the premise that the financing cost of leverage, which is based on short-term interest rates, is normally lower than the income earned by a Trust on its longer-term portfolio investments purchased with the proceeds from leverage. To the extent that the total assets of the Trusts (including the assets obtained from leverage) are invested in higher-yielding portfolio investments, the Trusts shareholders benefit from the incremental net income. The interest earned on securities purchased with the proceeds from leverage is paid to shareholders in the form of dividends, and the value of these portfolio holdings is reflected in the per share NAV.

To illustrate these concepts, assume a Trust s Common Shares capitalization is \$100 million and it utilizes leverage for an additional \$30 million, creating a total value of \$130 million available for investment in longer-term income securities. If prevailing short-term interest rates are 3% and longer-term interest rates are 6%, the yield curve has a strongly positive slope. In this case, a Trust s financing costs on the \$30 million of proceeds obtained from leverage are based on the lower short-term interest rates. At the same time, the securities purchased by a Trust with the proceeds from leverage earn income based on longer-term interest rates. In this case, a Trust s financing cost of leverage is significantly lower than the income earned on a Trust s longer-term investments acquired from leverage proceeds, and therefore the holders of Common Shares (Common Shareholders) are the beneficiaries of the incremental net income.

However, in order to benefit Common Shareholders, the return on assets purchased with leverage proceeds must exceed the ongoing costs associated with the leverage. If interest and other costs of leverage exceed the Trusts return on assets purchased with leverage proceeds, income to shareholders is lower than if the Trusts had not used leverage. Furthermore, the value of the Trusts 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 value of the Trusts obligations under their respective leverage arrangements generally does not fluctuate in relation to interest rates. As a result, changes in interest rates can influence the Trusts NAVs positively or

negatively. Changes in the future direction of interest rates are very difficult to predict accurately, and there is no assurance that a Trust s intended leveraging strategy will be successful.

The use of leverage also generally causes greater changes in each Trust s NAV, market price and dividend rates than comparable portfolios without leverage. In a declining market, leverage is likely to cause a greater decline in the NAV and market price of a Trust s Common Shares than if the Trust were not leveraged. In addition, each Trust 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 the Trusts to incur losses. The use of leverage may limit a Trust s ability to invest in certain types of securities or use certain types of hedging strategies. Each Trust incurs expenses in connection with the use of leverage, all of which are borne by Common Shareholders and may reduce income to the Common Shares. Moreover, to the extent the calculation of the Trusts investment advisory fees includes assets purchased with the proceeds of leverage, the investment advisory fees payable to the Trusts investment adviser will be higher than if the Trusts did not use leverage.

To obtain leverage, each Trust has issued Variable Rate Demand Preferred Shares (VRDP Shares) and Variable Rate Muni Term Preferred Shares (VMTP Shares) (collectively, Preferred Shares) and/or leveraged its assets through the use of tender option bond trusts (TOB Trusts) as described in the Notes to Financial Statements.

Under the Investment Company Act of 1940, as amended (the 1940 Act), each Trust is permitted to issue debt up to $\frac{33}{3}$ % of its total managed assets or equity securities (e.g., Preferred Shares) up to 50% of its total managed assets. A Trust may voluntarily elect to limit its leverage to less than the maximum amount permitted under the 1940 Act. In addition, a Trust may also be subject to certain asset coverage, leverage or portfolio composition requirements imposed by the Preferred Shares governing instruments or by agencies rating the Preferred Shares, which may be more stringent than those imposed by the 1940 Act.

If a Trust segregates or designates on its books and records cash or liquid assets having a value not less than the value of a Trust s obligations under the TOB Trust (including accrued interest), a TOB Trust is not considered a senior security and is not subject to the foregoing limitations and requirements under the 1940 Act.

Derivative Financial Instruments

The Trusts may invest in various derivative financial instruments. These instruments are used to obtain exposure to a security, commodity, index, market, and/or other asset without owning or taking physical custody of securities, commodities and/or other referenced assets or to manage market, equity, credit, interest rate, foreign currency exchange rate, commodity and/or other risks. Derivative financial instruments may give rise to a form of economic leverage and 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 instrument. The Trusts successful use of a derivative financial instrument depends on the investment adviser s ability to predict pertinent market movements accurately, which cannot be assured. The use of these instruments may result in losses greater than if they had not been used, may limit the amount of appreciation a Trust can realize on an investment and/or may result in lower distributions paid to shareholders. The Trusts investments in these instruments, if any, are discussed in detail in the Notes to Financial Statements.

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FEBRUARY 28, 2017

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Trust Summary as of February 28, 2017

BlackRock Municipal Bond Trust

Trust Overview

BlackRock Municipal Bond Trust s (BBK) (the Trust) investment objective is to provide current income exempt from regular U.S. federal income tax. The Trust seeks to achieve its investment objective by investing primarily in municipal bonds exempt from regular U.S. federal income taxes (except that the interest may be subject to the U.S. federal alternative minimum tax). The Trust invests, under normal market conditions, at least 80% of its managed assets in municipal bonds that are investment grade quality or, if unrated, determined to be of comparable quality by the investment adviser at the time of investment. The Trust may invest directly in such securities or synthetically through the use of derivatives.

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

Trust Information	
Symbol on New York Stock Exchange (NYSE)	BBK
Initial Offering Date	April 30, 2002
Yield on Closing Market Price as of February 28, 2017 (\$15.55) ¹	5.79%
Tax Equivalent Yield ²	10.23%
Current Monthly Distribution per Common Share ³	\$0.0750
Current Annualized Distribution per Common Share ³	\$0.9000
Economic Leverage as of February 28, 2017 ⁴	38%

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

- ² Tax equivalent yield assumes the maximum marginal U.S. federal tax rate of 43.4%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The monthly distribution per Common Share, declared on March 1, 2017, was decreased to \$0.0635 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 VMTP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Trust, including any assets attributable to VMTP Shares and TOB Trusts, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Trust, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the six months ended February 28, 2017 were as follows:

	Returns Based On		
	Market Price	NAV	
BBK ^{1,2}	(10.01)%	(7.82)%	
Lipper General & Insured Municipal Debt Funds (Leveraged) ³	(6.50)%	(5.12)%	

¹ All returns reflect reinvestment of dividends and/or distributions.

- ² The Trust moved from a premium to NAV to a discount during the period, which accounts for the difference between performance based on price and performance based on NAV.
- ³ Average return.

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Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles. The following discussion relates to the Trust s absolute performance based on NAV:

Municipal bonds lost ground in the six-month reporting period. Municipal bonds initially traded lower through September and October due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The downturn accelerated in November once Donald Trump s election victory caused investors to adjust their expectations in favor of stronger growth and tighter Fed policy. While the municipal market subsequently retraced some of its losses in the second half of the period, the modest rally was insufficient to make up for the earlier downturn.

In this environment, the Trust s positions in longer-dated and longer-duration bonds were the largest detractors from performance. (Duration is a measure of interest rate sensitivity.) Exposure to lower-coupon and zero-coupon bonds, which experienced greater price deterioration than the market as a whole, also detracted from returns. Conversely, positions in pre-refunded issues benefited performance as their low duration and higher quality enabled them to hold up better than longer-duration bonds.

Positions in the transportation, education and utilities sectors, which were among the weaker performing sectors for the period, negatively impacted performance. The Trust s exposure to school district bonds, which were adversely affected by their longer duration, was an additional detractor.

The Trust sought to manage interest rate risk using U.S. Treasury futures. Given that Treasury yields rose as prices fell, this aspect of the Trust s positioning had a positive effect on returns.

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.

SEMI-ANNUAL REPORT

BlackRock Municipal Bond Trust

Market Price and Net Asset Value Per Share Summary

	2/28/17	8/31/16	Change	High	Low
Market Price	\$15.55	\$18.22	(14.65)%	\$18.55	\$14.78
Net Asset Value	\$15.64	\$17.89	(12.58)%	\$17.89	\$15.30

Market Price and Net Asset Value History For the Past Five Years

Overview of the Trust s Total Investments*

Sector Allocation	2/28/17	8/31/16
Health	23%	24%
County/City/Special District/School District	19	17
Transportation	15	15
Education	14	14
Utilities	12	13
State	8	9
Corporate	5	5
Tobacco	3	2
Housing	1	1

For Trust compliance purposes, the Trust s sector classifications refer to 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 the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Call/Maturity Schedule³

Calendar Year Ended December 31,	
2017	4%
2018	6
2019	4
2020	7
2021	11

³ Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years	5.	
Credit Quality Allocation ¹	2/28/17	8/31/16
AAA/Aaa	4%	4%
AA/Aa	31	47
A	26	27
BBB/Baa	13	11
BB/Ba	6	5
В	1	1
N/R ²	19	5

- ¹ For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P s or Moody s if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.
- ² The investment adviser evaluates the credit quality of unrated investments based upon certain factors including, but not limited to, credit ratings for similar investments and financial analysis of sectors and individual investments. Using this approach, the investment adviser has deemed certain of these unrated securities as investment grade quality. As of February 28, 2017 and August 31, 2016, the market value of unrated securities deemed by the investment adviser to be investment grade represents less than 1% and 3%, respectively, of the Trust s total investments.
- * Excludes short-term securities.

SEMI-ANNUAL REPORT

Trust Summary as of February 28, 2017

BlackRock Municipal Income Investment Quality Trust

Trust Overview

BlackRock Municipal Income Investment Quality Trust s (BAF) (the Trust) investment objective is to provide current income exempt from U.S. federal income tax, including the alternative minimum tax and Florida intangible property tax. The Trust seeks to achieve its investment objective by investing, under normal circumstances, at least 80% of its managed assets in municipal bonds exempt from U.S. federal income taxes, including the alternative minimum tax. The Trust also invests at least 80% of its managed assets in municipal bonds that are investment grade quality at the time of investment or, if unrated, determined to be of comparable quality by the investment adviser at the time of investment. The Trust may invest directly in such securities or synthetically through the use of derivatives. Due to the repeal of the Florida intangible personal property tax, in September 2008, the Board gave approval to permit the Trust the flexibility to invest in municipal obligations regardless of geographic location since municipal obligations issued by any state or municipality that provides income exempt from regular U.S. federal income tax would now satisfy the foregoing objective and policy.

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

Trust Information	
Symbol on NYSE	BAF
Initial Offering Date	October 31, 2002
Yield on Closing Market Price as of February 28, 2017 (\$14.50) ¹	5.67%
Tax Equivalent Yield ²	10.02%
Current Monthly Distribution per Common Share ³	\$0.0685
Current Annualized Distribution per Common Share ³	\$0.8220
Economic Leverage as of February 28, 2017 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 marginal U.S. federal tax rate of 43.4%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VMTP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Trust, including any assets attributable to VMTP Shares and TOB Trusts, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Trust, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the six months ended February 28, 2017 were as follows:

	Returns Based On		
	Market Price	NAV	
BAF ^{1,2}	(5.56)%	(4.36)%	
Lipper General & Insured Municipal Debt Funds (Leveraged) ³	(6.50)%	(5.12)%	

¹ All returns reflect reinvestment of dividends and/or distributions.

- ² The Trust s discount to NAV widened during the period, which accounts for the difference between performance based on price and performance based on NAV.
- ³ Average return.

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Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles. The following discussion relates to the Trust s absolute performance based on NAV:

Municipal bonds lost ground in the six-month reporting period. Municipal bonds initially traded lower through September and October due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The downturn accelerated in November once Donald Trump s election victory caused investors to adjust their expectations in favor of stronger growth and tighter Fed policy. While the municipal market subsequently retraced some of its losses in the second half of the period, the modest rally was insufficient to make up for the earlier downturn.

The Trust continued to employ leverage, which helped augment income. However, since leverage also amplifies the effect of market movements, it was a net detractor from overall performance.

Positions in longer-dated maturities, which have higher interest rate sensitivity, generally experienced the largest price declines. The Trust s exposure to 4% coupon bonds also detracted, as lower coupons typically underperform in a rising rate environment. Positions in high-quality, short-duration bonds such as pre-refunded securities performed relatively well compared to longer-duration positions. (Duration is a measure of interest rate sensitivity.)

From a sector allocation perspective, the Trust s exposure to the transportation and utilities sectors were the largest detractors.

The Trust sought to manage interest rate risk using U.S. Treasury futures. Given that Treasury yields rose as prices fell, this aspect of the Trust s positioning had a positive effect on returns.

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.

SEMI-ANNUAL REPORT

BlackRock Municipal Income Investment Quality Trust

Market Price and Net Asset Value Per Share Summary

	2/28/17	8/31/16	Change	High	Low
Market Price	\$14.50	\$15.79	(8.17)%	\$ 16.30	\$ 13.68
Net Asset Value	\$15.40	\$16.56	(7.00)%	\$ 16.56	\$ 15.07

Market Price and Net Asset Value History For the Past Five Years

Overview of the Trust s Total Investments*

Sector Allocation	2/28/17	8/31/16
Transportation	31%	28%
County/City/Special District/School District	29	27
Utilities	14	17
Health	13	14
State	5	6
Education	5	5
Tobacco	1	1
Corporate	1	1
Housing	1	1
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For Trust compliance purposes, the Trust s sector classifications refer to 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 the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Call/Maturity Schedule²

Calendar Year Ended December 31,	
2017	
2018	13%
2019	18
2020	3
2021	29
2020	3

² Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.

Credit Quality Allocation ¹	2/28/17	8/31/16
AAA/Aaa	3%	3%
AA/Aa	72	74
A	19	19
BBB/Baa	5	4
N/R	1	

¹ For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P s or Moody s if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.

* Excludes short-term securities.

SEMI-ANNUAL REPORT

FEBRUARY 28, 2017

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Trust Summary as of February 28, 2017

BlackRock Municipal Income Quality Trust

Trust Overview

BlackRock Municipal Income Quality Trust s (BYM) (the Trust) investment objective is to provide current income exempt from U.S. federal income taxes, including the alternative minimum tax. The Trust seeks to achieve its investment objective by investing, under normal circumstances, at least 80% of its managed assets in municipal bonds exempt from U.S. federal income taxes, including the U.S. federal alternative minimum tax. The Trust also invests at least 80% of its managed assets in municipal bonds exempt from U.S. federal income taxes, including the U.S. federal alternative minimum tax. The Trust also invests at least 80% of its managed assets in municipal bonds that are investment grade quality at the time of investment or, if unrated, determined to be of comparable quality by the investment adviser at the time of investment. The Trust may invest directly in such securities or synthetically through the use of derivatives.

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

Trust Information	
Symbol on NYSE	BYM
Initial Offering Date	October 31, 2002
Yield on Closing Market Price as of February 28, 2017 (\$14.04) ¹	5.64%
Tax Equivalent Yield ²	9.96%
Current Monthly Distribution per Common Share ³	\$0.0660
Current Annualized Distribution per Common Share ³	\$0.7920
Economic Leverage as of February 28, 2017 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 marginal U.S. federal tax rate of 43.4%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VMTP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Trust, including any assets attributable to VMTP Shares and TOB Trusts, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Trust, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the six months ended February 28, 2017 were as follows:

	Returns Based On		
	Market Price	NAV	
BYM ^{1,2}	(7.19)%	(5.44)%	
Lipper General & Insured Municipal Debt Funds (Leveraged) ³	(6.50)%	(5.12)%	

¹ All returns reflect reinvestment of dividends and/or distributions.

- ² The Trust s discount to NAV widened during the period, which accounts for the difference between performance based on price and performance based on NAV.
- ³ Average return.

Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles. The following discussion relates to the Trust s absolute performance based on NAV:

Municipal bonds lost ground in the six-month reporting period. Municipal bonds initially traded lower through September and October due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The downturn accelerated in November once Donald Trump s election victory caused investors to adjust their expectations in favor of stronger growth and tighter Fed policy. While the municipal market subsequently retraced some of its losses in the second half of the period, the modest rally was insufficient to make up for the earlier downturn.

Positions in longer-dated maturities, which have higher interest rate sensitivity, generally experienced the largest price declines. Conversely, the Trust s positions in high-quality, short-dated issues performed relatively well and helped mitigate the impact of the market downturn. The Trust s holdings in zero-coupon bonds also detracted, as their longer durations accentuated negative price performance in a rising rate environment. (Duration is a measure of interest-rate sensitivity.)

The Trust continued to employ leverage, which helped augment income. However, since leverage also amplifies the effect of market movements, it was a net detractor from overall performance.

Holdings in tax-backed (state) issues underperformed. The health care sector also lagged, reflecting the increased uncertainty surrounding the future of the Affordable Care Act following the November 2016 election.

The Trust sought to manage interest rate risk using U.S. Treasury futures. Given that Treasury yields rose as prices fell, this aspect of the Trust s positioning had a positive effect on returns.

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.

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BlackRock Municipal Income Quality Trust

Market Price and Net Asset Value Per Share Summary

	2/28/17	8/31/16	Change	High	Low
Market Price	\$14.04	\$15.55	(9.71)%	\$ 15.79	\$ 13.50
Net Asset Value	\$14.92	\$16.22	(8.01)%	\$ 16.22	\$ 14.64

Market Price and Net Asset Value History For the Past Five Years

Overview of the Trust s Total Investments*

Sector Allocation	2/28/17	8/31/16
Transportation	30%	28%
County/City/Special District/School District	23	25
Utilities	12	12
Health	11	11
Education	9	7
State	9	11
Tobacco	3	3
Corporate	2	2
Housing	1	1
Es Trust samplings and the Trust samples if a first and the second		

For Trust compliance purposes, the Trust s sector classifications refer to 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 the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Call/Maturity Schedule ²	
Calendar Year Ended December 31,	
2017	8%
2018	15
2019	8
2020	8
2021	8

² Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.

Credit Quality Allocation ¹	2/28/17	8/31/16
AAA/Aaa	13%	14%
AA/Aa	55	54
A	25	24
BBB/Baa	6	7
N/R	1	1

¹ For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P s or Moody s if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.

* Excludes short-term securities.

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Trust Summary as of February 28, 2017

BlackRock Municipal Income Trust II

Trust Overview

BlackRock Municipal Income Trust II s (BLE) (the Trust) investment objective is to provide current income exempt from regular U.S. federal income tax. The Trust seeks to achieve its investment objective by investing primarily in municipal bonds exempt from U.S. federal income taxes (except that the interest may be subject to the U.S. federal alternative minimum tax). The Trust invests, under normal market conditions, at least 80% of its managed assets in municipal bonds that are investment grade quality at the time of investment or, if unrated, determined to be of comparable quality by the investment adviser at the time of investment. The Trust may invest directly in such securities or synthetically through the use of derivatives.

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

Trust Information	
Symbol on NYSE MKT	BLE
Initial Offering Date	July 30, 2002
Yield on Closing Market Price as of February 28, 2017 (\$14.86) ¹	5.94%
Tax Equivalent Yield ²	10.49%
Current Monthly Distribution per Common Share ³	\$0.0735
Current Annualized Distribution per Common Share ³	\$0.8820
Economic Leverage as of February 28, 2017 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 marginal U.S. federal tax rate of 43.4%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VMTP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Trust, including any assets attributable to VMTP Shares and TOB Trusts, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Trust, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the six months ended February 28, 2017 were as follows:

	Returns Based On		
	Market Price	NAV	
BLE ^{1,2}	(6.32)%	(4.72)%	
Lipper General & Insured Municipal Debt Funds (Leveraged) ³	(6.50)%	(5.12)%	

¹ All returns reflect reinvestment of dividends and/or distributions.

- ² The Trust moved from a premium to NAV to a discount during the period, which accounts for the difference between performance based on price and performance based on NAV.
- ³ Average return.

Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles. The following discussion relates to the Trust s absolute performance based on NAV:

Municipal bonds lost ground in the six-month reporting period. Municipal bonds initially traded lower through September and October due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The downturn accelerated in November once Donald Trump s election victory caused investors to adjust their expectations in favor of stronger growth and tighter Fed policy. While the municipal market subsequently retraced some of its losses in the second half of the period, the modest rally was insufficient to make up for the earlier downturn.

The Trust continued to employ leverage, which helped augment income. However, since leverage also amplifies the effect of market movements, it was a net detractor from overall performance.

Positions in longer-dated, lower-rated investment-grade bonds in the transportation, utilities and health care sectors generally experienced the largest declines. Conversely, holdings in higher-quality, short-dated issues produced better relative performance and helped mitigate the impact of the market downturn.

The Trust sought to manage interest rate risk using U.S. Treasury futures. Given that Treasury yields rose as prices fell, this aspect of the Trust s positioning had a positive effect on returns.

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.

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SEMI-ANNUAL REPORT

BlackRock Municipal Income Trust II

Market Price and Net Asset Value Per Share Summary

	2/28/17	8/31/16	Change	High	Low
Market Price	\$ 14.86	\$ 16.34	(9.06)%	\$ 16.38	\$ 13.87
Net Asset Value	\$ 14.91	\$ 16.12	(7.51)%	\$ 16.12	\$ 14.59

Market Price and Net Asset Value History For the Past Five Years

Overview of the Trust s Total Investments*

Sector Allocation	2/28/17	8/31/16
Transportation	23%	22%
Utilities	16	17
County/City/Special District/School District	14	13
Health	12	12
State	10	11
Education	10	10
Corporate	7	7
Tobacco	7	7
Housing	1	1
East Track a second the Track a sector share if a second		

For Trust compliance purposes, the Trust s sector classifications refer to 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 the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Call/Maturity Schedule ³ Calendar Year Ended December 31,	
2017	10%
2018	5
2019	17
2020	13
2021	15

³ Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years	3.	
Credit Quality Allocation ¹	2/28/17	8/31/16
AAA/Aaa	7%	7%
AA/Aa	42	43
A	19	20
BBB/Baa	18	17
BB/Ba	4	4
В	2	2
N/R ²	8	7

- ¹ For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P s or Moody s if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.
- ² The investment adviser evaluates the credit quality of unrated investments based upon certain factors including, but not limited to, credit ratings for similar investments and financial analysis of sectors and individual investments. Using this approach, the investment adviser has deemed certain of these unrated securities as investment grade quality. As of February 28, 2017 and August 31, 2016, the market value of unrated securities deemed by the investment adviser to be investment grade represents 1% and 2%, respectively, of the Trust s total investments.
- * Excludes short-term securities.

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Trust Summary as of February 28, 2017

BlackRock MuniHoldings Investment Quality Fund

Trust Overview

BlackRock MuniHoldings Investment Quality Fund s (MFL) (the Trust) investment objective is to provide shareholders with current income exempt from U.S. federal income tax and to provide shareholders with the opportunity to own shares the value of which is exempt from Florida intangible personal property tax. The Trust seeks to achieve its investment objective by investing primarily in long-term, investment grade (as rated or, if unrated, determined to be of comparable quality by the investment adviser at the time of investment) municipal obligations exempt from U.S. federal income taxes (except that the interest may be subject to the U.S. federal alternative minimum tax). Under normal market conditions, the Trust invests at least 80% of its assets in municipal obligations with remaining maturities of one year or more at the time of investment. The Trust may invest directly in such securities or synthetically through the use of derivatives. Due to the repeal of the Florida intangible personal property tax, in September 2008, the Board gave approval to permit the Trust the flexibility to invest in municipal obligations issued by any state or municipality that provides income exempt from regular U.S. federal income tax would now satisfy the foregoing objective and policy.

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

Trust Information	
Symbol on NYSE	MFL
Initial Offering Date	September 26, 1997
Yield on Closing Market Price as of February 28, 2017 (\$14.48) ¹	5.93%
Tax Equivalent Yield ²	10.48%
Current Monthly Distribution per Common Share ³	\$0.0715
Current Annualized Distribution per Common Share ³	\$0.8580
Economic Leverage as of February 28, 2017 ⁴	42%

- ¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.
- ² Tax equivalent yield assumes the maximum marginal U.S. federal tax rate of 43.4%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VRDP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Trust, including any assets attributable to VRDP Shares and TOB Trusts, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Trust, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the six months ended February 28, 2017 were as follows:

	Returns Ba	ised On
	Market Price	NAV
MFL ^{1,2}	(5.99)%	(4.95)%
Lipper General & Insured Municipal Debt Funds (Leveraged) ³	(6.50)%	(5.12)%

- ¹ All returns reflect reinvestment of dividends and/or distributions.
- ² The Trust moved to a discount to NAV during the period, which accounts for the difference between performance based on price and performance based on NAV.
- ³ Average return.

Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles. The following discussion relates to the Trust s absolute performance based on NAV:

Municipal bonds lost ground in the six-month reporting period. Municipal bonds initially traded lower through September and October due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The downturn accelerated in November once Donald Trump s election victory caused investors to adjust their expectations in favor of stronger growth and tighter Fed policy. While the municipal market subsequently retraced some of its losses in the second half of the period, the modest rally was insufficient to make up for the earlier downturn.

Positions in longer-dated maturities detracted from performance due to their higher degree of interest rate sensitivity. Conversely, positions in shorter-dated issues held up better in the down market.

The Trust s holdings in higher-rated securities (those rated AA and AAA), which were more affected by rising rates due to their lower yield spreads, detracted from returns. Lower-rated investment-grade bonds performed somewhat better, as high-yield products experienced stronger demand.

The Trust continued to employ leverage, which helped augment income. However, since leverage also amplifies the effect of market movements, it was a net detractor from overall performance.

The Trust sought to manage interest rate risk using U.S. Treasury futures. Given that Treasury yields rose as prices fell, this aspect of the Trust s positioning had a positive effect on returns.

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.

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SEMI-ANNUAL REPORT

BlackRock MuniHoldings Investment Quality Fund

Market Price and Net Asset Value Per Share Summary

	2/28/17	8/31/16	Change	High	Low
Market Price	\$14.48	\$15.86	(8.70)%	\$16.16	\$13.52
Net Asset Value	\$14.64	\$15.86	(7.69)%	\$15.86	\$14.32

Market Price and Net Asset Value History For the Past Five Years

Overview of the Trust s Total Investments*

Sector Allocation	2/28/17	8/31/16
Transportation	39%	37%
Health	16	12
Utilities	14	14
County/City/Special District/School District	12	12
State	12	14
Education	5	9
Tobacco	1	1
Housing	1	1
Corporate ¹		

¹ Represents less than 1% of total investments.

For Trust compliance purposes, the Trust s sector classifications refer to 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 the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Call/Maturity Schedule ³ Calendar Year Ended December 31.		
2017		1%
2018		10
2019		21
2020		4
2021		18
³ Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.		
Credit Quality Allocation ²	2/28/17	8/31/16
AAA/Aaa	8%	6%
AA/Aa	62	65
A	28	25
BBB/Baa	2	4

² For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P s or Moody s if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of

BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.

* Excludes short-term securities.

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Trust Summary as of February 28, 2017

BlackRock MuniVest Fund, Inc.

Trust Overview

BlackRock MuniVest Fund, Inc. s (MVF) (the Trust) investment objective is to provide shareholders with as high a level of current income exempt from U.S. federal income taxes as is consistent with its investment policies and prudent investment management. The Trust seeks to achieve its investment objective by investing at least 80% of an aggregate of the Trust s net assets (including proceeds from the issuance of any preferred stock) and the proceeds of any borrowing for investment purposes, in municipal obligations exempt from U.S. federal income taxes (except that the interest may be subject to the U.S. federal alternative minimum tax). Under normal market conditions, the Trust primarily invests in long term municipal obligations rated investment grade at the time of investment (or, if unrated, are considered by the Trust s investment adviser to be of comparable quality at the time of investment) and in long term municipal obligations with maturities of more than ten years at the time of investment. The Trust may invest up to 20% of its total assets in securities rated below investment grade or deemed equivalent at the time of purchase. The Trust may invest directly in such securities or synthetically through the use of derivatives.

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

Trust Information	
Symbol on NYSE MKT	MVF
Initial Offering Date	September 29, 1988
Yield on Closing Market Price as of February 28, 2017 (\$10.00) ¹	5.94%
Tax Equivalent Yield ²	10.49%
Current Monthly Distribution per Common Share ³	\$0.0495
Current Annualized Distribution per Common Share ³	\$0.5940
Economic Leverage as of February 28, 2017 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 marginal U.S. federal tax rate of 43.4%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The monthly distribution per Common Share, declared on March 1, 2017, was decreased to \$0.046 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 VMTP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Trust, including any assets attributable to VMTP Shares and TOB Trusts, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Trust, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the six months ended February 28, 2017 were as follows:

	Returns Ba	sed On
	Market Price	NAV
MVF ^{1,2}	(4.28)%	(4.46)%
Lipper General & Insured Municipal Debt Funds (Leveraged) ³	(6.50)%	(5.12)%

- ¹ All returns reflect reinvestment of dividends and/or distributions.
- ² The Trust s premium to NAV widened during the period, which accounts for the difference between performance based on price and performance based on NAV.
- ³ Average return.

Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles. The following discussion relates to the Trust s absolute performance based on NAV:

Municipal bonds lost ground in the six-month reporting period. Municipal bonds initially traded lower through September and October due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The downturn accelerated in November once Donald Trump s election victory caused investors to adjust their expectations in favor of stronger growth and tighter Fed policy. While the municipal market subsequently retraced some of its losses in the second half of the period, the modest rally was insufficient to make up for the earlier downturn.

At the sector level, hospital and transportation issues represented the largest detractors from Trust performance due to their higher weightings in the portfolio. Lower-rated bonds also underperformed, as investors responded to market weakness by gravitating to higher-quality issues. Reinvestment was a further drag on results, since the proceeds of higher-yielding bonds that matured or were called needed to be reinvested at materially lower prevailing rates. Positions in zero-coupon bonds, which have longer durations relative to standard coupon bonds, also lagged.

The Trust continued to employ leverage, which helped augment income. However, since leverage also amplifies the effect of market movements, it was a net detractor from overall performance.

The Trust sought to manage interest rate risk using U.S. Treasury futures. Given that Treasury yields rose as prices fell, this aspect of the Trust s positioning had a positive effect on returns. Positions in pre-refunded issues also benefited performance as their low duration (interest rate sensitivity) enabled them to hold up better than longer-duration bonds at a time of rising yields.

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.

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BlackRock MuniVest Fund, Inc.

Market Price and Net Asset Value Per Share Summary

	2/28/17	8/31/16	Change	High	Low
Market Price	\$ 10.00	\$ 10.77	(7.15)%	\$ 10.95	\$ 9.51
Net Asset Value	\$ 9.62	\$ 10.38	(7.32)%	\$ 10.38	\$ 9.48

Market Price and Net Asset Value History For the Past Five Years

Overview of the Trust s Total Investments*

Sector Allocation	2/28/17	8/31/16
Health	24%	26%
Transportation	23	24
County/City/Special District/School District	12	10
Education	10	10
Corporate	9	9
State	7	7
Utilities	6	6
Housing	4	4
Tobacco	5	4

For Trust compliance purposes, the Trust s sector classifications refer to 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 the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Call/Maturity Schedule³

Calendar Year Ended December 31,	
2017	11%
2018	14
2019	19
2020	15
2021	5

³ Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.

Credit Quality Allocation ¹	2/28/17	8/31/16
AAA/Aaa	9%	9%
AA/Aa	43	40
A	19	23
BBB/Baa	14	14
BB/Ba	4	3
В	1	2
N/R ²	10	9

- ¹ For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P s or Moody s if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings
- ² The investment adviser evaluates the credit quality of unrated investments based upon certain factors including, but not limited to, credit ratings for similar investments and financial analysis of sectors and individual investments. Using this approach, the investment adviser has deemed certain of these unrated securities as investment grade quality. As of February 28, 2017 and August 31, 2016, the market value of unrated securities deemed by the investment adviser to be investment grade each represents 2% of the Trust s total investments.
- * Excludes short-term securities.

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Schedule of Investments February 28, 2017 (Unaudited)

BlackRock Municipal Bond Trust (BBK)

(Percentages shown are based on Net Assets)

	Par		
Municipal Bonds	(000)	Value	
Arizona 9.4%			
Arizona Health Facilities Authority, Refunding RB, Phoenix Children s Hospital, Series A, 5.00%, 2/01/42	\$ 2,200	\$ 2,316,490	
City of Phoenix Arizona IDA, Refunding RB, Basis Schools, Inc. Projects, 5.00%, 7/01/45 (a)	460	455,837	
County of Maricopa Arizona IDA, Refunding RB, Banner Health Obligation Group, Series A:	1 005	1 701 104	
3.25%, 1/01/37	1,805	1,701,194	
4.00%, 1/01/38 County of Pinal Arizona Electric District No.3, Refunding RB:	1,250	1,259,063	
4.75%, 7/01/21 (b)	680	775,928	
4.75%, 7/01/31	3,070	3,354,435	
Salt Verde Financial Corp., RB, Senior:	5,070	5,554,455	
5.00%, 12/01/32	1,500	1,696,590	
5.00%, 12/01/37	2,065	2,347,926	
University Medical Center Corp., RB, 6.50%, 7/01/19 (b)	500	561,865	
University Medical Center Corp., Refunding RB, 6.00%, 7/01/21 (b)	900	1,072,107	
		15 541 405	
Arkansas 3.4%		15,541,435	
	005	022 105	
City of Benton Arkansas, RB, 4.00%, 6/01/39 City of Fort Smith Arkansas Water & Sewer Revenue, Refunding RB, 4.00%, 10/01/40	905 840	922,105 858,379	
City of Hot Springs Arkansas, RB, Wastewater, 5.00%, 12/01/38	1,200	1,322,616	
City of Little Rock Arkansas, RB, 4.00%, 7/01/41	2,025	2,061,045	
County of Pulaski Arkansas Public Facilities Board, RB, 5.00%, 12/01/42	465	510,021	
County of Fulaski Aikansas Fublic Facilities Board, KD, 5.00%, 12/01/42	405	510,021	
		5,674,166	
California 21.7%			
California Health Facilities Financing Authority, RB, Sutter Health:			
Series A, 3.25%, 11/15/36	420	393,700	
Series B, 5.88%, 8/15/31	1,900	2,167,102	
California Health Facilities Financing Authority, Refunding RB, Adventist Health System West,			
Series A, 3.00%, 3/01/39	710	586,609	
California HFA, RB, Home Mortgage, Series G, AMT, 5.05%, 2/01/29	2,285	2,287,605	
California Infrastructure & Economic Development Bank, Refunding RB, 4.00%, 11/01/45	1,550	1,565,330	
California Statewide Communities Development Authority, RB, Loma Linda University Medical Center,			
Series A, 5.25%, 12/01/56 (a)	225	236,428	
Carlsbad California Unified School District, GO, Election of 2006, Series B, 0.00%, 5/01/34 (c)	1,000	1,060,480	
City of San Jose California, Refunding ARB, Series A-1, AMT, 5.75%, 3/01/34	2,000	2,267,320	
Hartnell Community College District California, GO, CAB, Election of 2002, Series D, 0.00%, 8/01/34	1 (50	1 (09 022	
(c)	1,650 Par	1,608,932	
	(0.00)		
Municipal Bonds California (cantinuad)	(000)	Value	
California (continued) Normally La Mirada Unified School District, CO. Defunding, CAD. Election of 2002, Series E (ACC)			
Norwalk-La Mirada Unified School District, GO, Refunding, CAB, Election of 2002, Series E (AGC), 0.00%, 8/01/38 (d)	\$ 8,000	\$ 3,032,080	
Palomar Community College District, GO, CAB, Election of 2006, Series B:	φ 0,000	φ 5,052,000	
0.00%, 8/01/30 (d)	1,500	922,800	
0.00%, 8/01/33 (d)	4,000	1,595,800	
0.00%, 8/01/39 (c)	2,605	2,227,431	
San Diego Community College District, GO, CAB, Election of 2002, 0.00%, 8/01/33 (c)	2,800	3,141,488	
State of California, GO, Refunding, Various Purposes:	2 000	2 251 020	
5.00%, 2/01/38	3,000	3,351,030	
4.00%, 10/01/44 State of California, GO, Various Purposes:	1,080	1,102,680	
5.75%, 4/01/31	2,000	2,186,320	
6.00%, 3/01/33	1,000	1,132,950	
6.50%, 4/01/33	1,950	2,170,798	
5.50%, 3/01/40	2,350	2,613,270	
	2,550	2,013,210	

		35,650,153	
Colorado 0.7%			
Colorado Health Facilities Authority, RB, Catholic Health Initiatives, Series D, 6.25%, 10/01/33	1,070	1,142,610	
Connecticut 1.1%			
Connecticut State Health & Educational Facility Authority, Refunding RB, Lawrence & Memorial			
Hospital, Series F, 5.00%, 7/01/36	550	586,591	
South Central Connecticut Regional Water Authority, Refunding RB, Thirty Second, Series B,			
4.00%, 8/01/36	1,235	1,269,185	
		1,855,776	
Delaware 2.8%		1,000,770	
County of Sussex Delaware, RB, NRG Energy, Inc., Indian River Power LLC Project, 6.00%, 10/01/40	1,200	1,289,856	
Delaware Transportation Authority, RB:	1,200	1,207,000	
5.00%, 6/01/45	2,000	2.234.720	
5.00%, 6/01/55	950	1,032,203	
		4,556,779	
Florida 3.8%		4,330,779	
Capital Trust Agency Inc., RB, M/F Housing, The Gardens Apartment Project, Series A, 4.75%, 7/01/40	600	600,786	
County of Miami-Dade Florida, RB, AMT, Seaport Department, Series B, 6.00%, 10/01/31	4,135	4,877,232	
County of Orange Florida Health Facilities Authority, Refunding RB, Mayflower Retirement Center,	4,155	4,077,252	
5.00%, 6/01/36	125	130,390	
Stevens Plantation Community Development District, RB, Special Assessment, Series A,	125	150,570	
7.10%, $5/01/35$ (e)(f)	860	601,596	
	000	001,000	
		6 210 004	
		6,210,004	

Portfolio Abbreviations

AGC	Assured Guarantee Corp.	COP	Certificates of Participation	IDB	Industrial Development Board
AGM	Assured Guaranty Municipal Corp.	EDA	Economic Development Authority	ISD	Independent School District
AMBAC	American Municipal Bond Assurance	EDC	Economic Development Corp.	LRB	Lease Revenue Bonds
AMT	Corp. Alternative Minimum Tax (subject to)	ERB	Education Revenue Bonds	M/F	Multi-Family
ARB	Airport Revenue Bonds	GARB	General Airport Revenue Bonds	NPFGC	National Public Finance Guarantee Corp.
BAM	Build America Mutual Assurance Co.	GO	General Obligation Bonds	PILOT	Payment in Lieu of Taxes
BARB	Building Aid Revenue Bonds	HFA	Housing Finance Agency	PSF-GTD	Permanent School Fund Guaranteed
BHAC	Berkshire Hathaway Assurance Corp.	HRB	Housing Revenue Bonds	RB	Revenue Bonds
CAB	Capital Appreciation Bonds	IDA	Industrial Development Authority	S/F	Single-Family

See Notes to Financial Statements.

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BlackRock Municipal Bond Trust (BBK)

	Par		
Municipal Bonds	(000)	Value	
Hawaii 0.3%			
Hawaii State Department of Budget & Finance, Refunding RB, Special Purpose, Senior Living, Kahala			
Nui, 5.25%, 11/15/37	\$ 400	\$ 423,824	
Idaho 0.3%			
Idaho Health Facilities Authority, RB, St. Lukes Health System Project, Series A, 5.00%, 3/01/39	500	536,610	
Illinois 4.1%			
City of Chicago Illinois, Refunding ARB, O Hare International Airport Passenger Facility Charge,			
Series B, AMT, 4.00%, 1/01/29	1,600	1,628,144	
City of Chicago Illinois Midway International Airport, Refunding GARB, 2nd Lien, Series A,			
5.00%, 1/01/41	870	922,644	
City of Chicago Illinois Transit Authority, RB, Sales Tax Receipts, 5.25%, 12/01/40	665	709,256	
Illinois Finance Authority, Refunding RB:	2(0	205.077	
OSF Healthcare System, 6.00%, 5/15/39 Roosevelt University Project, 6.50%, 4/01/44	360	395,967	
	1,000 1,150	1,043,140	
Railsplitter Tobacco Settlement Authority, RB, 6.00%, 6/01/28 State of Illinois, GO, 5.00%, 2/01/39	665	1,306,848 663,218	
State of Inniois, GO, 5.00%, 2/01/59	005	005,218	
		· · · · · -	
		6,669,217	
Iowa 0.3%			
Iowa Higher Education Loan Authority, RB, Private College Facility, Grinnell College Project,	105	444 571	
4.00%, 12/01/36	425	444,571	
Kansas 3.3%			
County of Johnson Kansas Unified School District No. 512 Shawnee Mission, GO, Refunding, Series B,	1 210	1.076.200	
3.00%, 10/01/37	1,210 4,000	1,076,380 4,436,611	
County of Seward Kansas Unified School District No. 480 Liberal, GO, Refunding, 5.00%, 9/01/39	4,000	4,450,011	
		5,512,991	
Kentucky 2.9%			
County of Louisville & Jefferson Kentucky Metropolitan Government, Refunding RB, Norton	020	001 505	
Healthcare, Inc., 4.00%, 10/01/35	930	921,537	
Kentucky Bond Development Corp., Refunding RB, Saint Elizabeth Medical Center, Inc., 4.00%,	550	550 712	
5/01/35 Kantushy Faanamia Davalanmant Financa Authority, DD, Catholia Haalth Initiatiyaa, Sariaa A	550	559,713	
Kentucky Economic Development Finance Authority, RB, Catholic Health Initiatives, Series A, 5.38%, 1/01/40	1,830	1,916,120	
Kentucky Public Transportation Infrastructure Authority, RB, Downtown Crossing Project, Convertible	1,050	1,910,120	
CAB, 1st Tier, Series C (c):			
0.00%, 7/01/34	500	415,510	
0.00%, 7/01/39	830	675,354	
0.00%, 7/01/43	270	220,123	
		4,708,357	
Louisiana 1.6%		4,708,337	
City of Alexandria Louisiana Utilities, RB, 5.00%, 5/01/39	860	940,040	
Louisiana Local Government Environmental Facilities & Community Development Authority, RB,	000	7-0,0-0	
Westlake Chemical Corp. Project, Series A-1, 6.50%, 11/01/35	1,050	1,198,334	
Louisiana Public Facilities Authority, RB, Belle Chasse Educational Foundation Project, 6.50%, 5/01/31	400	441,144	
		,	
		2 570 519	
	Dom	2,579,518	
	Par		
	(0.0.0)		
Municipal Bonds	(000)	Value	
Maryland 0.9%			
County of Anne Arundel Maryland Consolidated, RB, Special Taxing District, Villages at Two Rivers			
Project:	¢ 170	¢ 160.017	
5.13%, 7/01/36	\$ 170	\$ 168,915	
5.25%, 7/01/44 County of Montgomery Maryland, RB, Trinity Health Credit Group, 5.00%, 12/01/45	170 1,000	168,113 1,107,680	
County of Montgomery Maryland, KD, Thinty realul Cleun Oloup, 5.00%, 12/01/45	1,000	1,107,080	

		1,444,708	
Massachusetts 3.8%			
Massachusetts Development Finance Agency, RB:			
Dana-Farber Cancer Institute Issue, Series N, 5.00%, 12/01/46	390	430,182	
Emerson College Issue, Series A, 5.25%, 1/01/42	565	622,444	
Emerson College Issue, Series A, 5.00%, 1/01/47	630	676,563	
Massachusetts Development Finance Agency, Refunding RB:			
Boston College Issue, Series T, 3.63%, 7/01/39	310	306,010	
Boston College Issue, Series T, 4.00%, 7/01/42	1,790	1,824,923	
Emmanuel College Issue, Series A, 4.00%, 10/01/46	865	805,315	
International Charter School, 5.00%, 4/15/40	400	417,904	
WGBH Educational Foundation Issue, 3.00%, 1/01/42	1,415	1,186,746	
		6,270,087	
Michigan 2.4%			
Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014			
C-2, AMT, 5.00%, 7/01/44	240	251,547	
Michigan Finance Authority, Refunding RB, Henry Ford Health System, 4.00%, 11/15/46	1,540	1,492,999	
Michigan State Hospital Finance Authority, Refunding RB, Trinity Health Credit Group, Series C,			
4.00%, 12/01/32	2,100	2,144,877	
State of Michigan Building Authority, Refunding RB, Facilities Program, Series I, 6.25%, 10/15/38	40	43,056	
		3,932,479	
Minnesota 4.6%		0,002,110	
City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC), 6.50%,			
11/15/38	3,890	4,197,232	
City of St. Cloud Minnesota, Refunding RB, CentraCare Health System, Series A, 3.25%, 5/01/39	435	396,903	
Minneapolis-St. Paul Metropolitan Airports Commission, Refunding ARB, Sub Series D, AMT,		-, ,,	
5.00%, 1/01/41	290	318,588	
Minnesota Higher Education Facilities Authority, RB:		,	
Augsburg College, Series B, 4.25%, 5/01/40	1,185	1,185,214	
College of St. Benedict, Series 8-K, 5.00%, 3/01/37	660	718,885	
College of St. Benedict, Series 8-K, 4.00%, 3/01/43	385	384,380	
Minnesota Higher Education Facilities Authority, Refunding RB, University of St. Thomas, Series 8-L,			
4.00%, 4/01/39	380	388,132	
		7,589,334	
Mississippi 2.0%		7,309,334	
County of Warren Mississippi, RB, Gulf Opportunity Zone Bonds, International Paper Co. Project, Series			
A, 5.38%, 12/01/35	400	439,636	
Mississippi Development Bank, RB, Special Obligation:	100	159,050	
CAB, Hinds Community College District (AGM), 5.00%, 4/01/36	845	907,910	
County of Jackson Limited Tax Note (AGC), 5.50%, 7/01/32	1,750	1,890,665	
	1,.00	1,0,0,000	
		3,238,211	

See Notes to Financial Statements.

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FEBRUARY 28, 2017

BlackRock Municipal Bond Trust (BBK)

	Par		
Municipal Bonds	(000)	Value	
Missouri 3.2%	()		
Missouri Development Finance Board, RB, Annual Appropriation Sewer System, Series B,			
5.00%, 11/01/41	\$ 900	\$ 955,314	
Missouri State Health & Educational Facilities Authority, RB:	500	55(120	
A.T. Still University of Health Sciences, 5.25%, 10/01/31	500 320	556,130	
A.T. Still University of Health Sciences, 4.25%, 10/01/32 A.T. Still University of Health Sciences, 5.00%, 10/01/39	500	334,010 548,420	
Heartland Regional Medical Center, 4.13%, 2/15/43	300	306,480	
University of Central Missouri, Series C-2, 5.00%, 10/01/34	1,000	1,105,550	
Missouri State Health & Educational Facilities Authority, Refunding RB, Kansas City University of			
Medicine and Biosciences, Series A:			
5.00%, 6/01/42	540	595,560	
5.00%, 6/01/47	770	845,699	
		5,247,163	
Montana 0.7%			
County of Cascade Montana High School District A Great Falls, GO:		(00 (70	
4.00%, 7/01/34	570	602,650	
4.00%, 7/01/35	550	579,040	
		1,181,690	
Nebraska 4.7%	(00	(24.9/(
Central Plains Energy Project Nebraska, RB, Gas Project No. 3, 5.00%, 9/01/42 County of Douglas Nebraska Hospital Authority No. 3, Refunding RB, Health Facilities Nebraska	600	634,866	
Methodist Health System, 5.00%, 11/01/45	400	429,356	
County of Sarpy Nebraska Hospital Authority No. 1, Refunding RB, Nebraska Medicine:	400	429,330	
3.00%, 5/15/46	1,925	1,580,540	
4.00%, 5/15/51	975	976,443	
Gretna Public Schools, GO, Refunding, School Building, 3.00%, 12/15/39	920	782,718	
Lincoln Airport Authority, Refunding RB, Series A, 4.00%, 7/01/40	520	530,338	
Nebraska Public Power District, Refunding RB, Series A:			
5.00%, 1/01/32	250	277,002	
4.00%, 1/01/44	400	404,196	
Public Power Generation Agency, Refunding RB:	1 155	1 020 027	
3.13%, 1/01/35 3.25%, 1/01/36	1,155 1,295	1,020,027 1,151,514	
5.25%, 1/01/50	1,295	1,131,314	
		7 797 000	
Nevada 1.3%		7,787,000	
City of Las Vegas Nevada, RB, Special Assessment, No. 809 Summerlin Area, 5.65%, 6/01/23	1,050	1,024,285	
County of Clark Nevada, Refunding ARB, Department of Aviation, Subordinate Lien, Series A-2,	1,050	1,024,205	
4.25%, 7/01/36	1,000	1,036,990	
	,		
		2,061,275	
New Hampshire 0.2%		2,001,275	
New Hampshire Health and Education Facilities Authority Act, Refunding RB, Southern New			
Hampshire Medical Center, 3.50%, 10/01/34	285	270,927	
New Jersey 12.3%			
County of Atlantic New Jersey Improvement Authority, RB, Stockton University Atlantic City, Series A			
(AGM), 4.00%, 7/01/46	850	855,244	
	Par		
Municipal Bonds	(000)	Value	
New Jersey (continued)			
County of Middlesex New Jersey Improvement Authority, RB, Heldrich Center Hotel, Sub-Series B, 6.25%, 1/01/37 (e)(f)	\$ 015	\$ 35,767	
0.25%, 1/01/37 (e)(I) New Jersey EDA, RB, AMT:	\$ 915	\$ 35,767	
Continental Airlines, Inc. Project, Series B, 5.63%, 11/15/30	660	717,182	
Goethals Bridge Replacement Project (AGM), 5.13%, 7/01/42	200	217,392	
······································	200		

New Jersey EDA, Refunding RB, Special Assessment, Kapkowski Road Landfill Project, 6.50%,			
4/01/28	7,500	8,663,175	
New Jersey Educational Facilities Authority, Refunding RB, College of New Jersey, 3.50%, 7/01/31	900	891,549	
New Jersey Health Care Facilities Financing Authority, Refunding RB, Series A:			
RWJ Barnabas Health Obligated Group, 4.00%, 7/01/43	1,945	1,947,937	
St. Barnabas Health Care System, 4.63%, 7/01/21 (b)	510	578,116	
St. Barnabas Health Care System, 5.63%, 7/01/21 (b)	1,700	1,998,350	
St. Barnabas Health Care System, 5.00%, 7/01/25	500	558,420	
New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series AA, 6.50%, 10/01/38	45	46,376	
New Jersey State Turnpike Authority, RB, Series E, 5.00%, 1/01/45	1,860	2,065,958	
New Jersey Transportation Trust Fund Authority, RB:	1,000	2,000,000	
CAB, Transportation System, Series A, 0.00%, 12/15/35 (d)	1,000	372,030	
Transportation Program, Series AA, 5.00%, 6/15/45	900	899,937	
Transportation Program, Series AA, 5.00%, 6/15/46	400	399,360	
Transportation Program, Series AA, 5.00%, 0/15/40	400	399,300	
		20,246,793	
New Mexico 1.1%			
New Mexico Finance Authority, RB, Senior Lien Public Project Revolving Fund ,Series A (g):			
3.25%, 6/01/33	545	534,214	
3.25%, 6/01/34	840	817,463	
New Mexico Hospital Equipment Loan Council, Refunding RB, Presbyterian Healthcare Services,			
5.00%, 8/01/44	450	498,524	
		1,850,201	
New York 7.5%		1,000,201	
City of New York New York, GO, Fiscal 2014, Sub-Series A-1, 5.00%, 8/01/35	940	1,052,010	
City of New York New York Industrial Development Agency, RB, PILOT, Queens Baseball Stadium	910	1,002,010	
(AMBAC), 5.00%, 1/01/39	925	927,072	
City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer	725	921,012	
System, Series A, 4.75%, 6/15/30	2,435	2,460,787	
Counties of New York Tobacco Trust IV, Refunding RB, Settlement Pass-Through Turbo, Series A,	2,433	2,400,787	
6.25%, 6/01/41 (a)	900	934,668	
Counties of New York Tobacco Trust VI, Refunding RB, Tobacco Settlement Pass-Through, 4.00%,	900	934,008	
6/01/51	500	459,620	
County of Nassau New York, GO, Series A, 5.00%, 1/15/30	750	875,962	
Erie Tobacco Asset Securitization Corp., Refunding RB, Asset-Backed, Series A, 5.00%, 6/01/45	1,160	1,115,294	
	1,100	1,113,294	
Metropolitan Transportation Authority Hudson Rail Yards Trust Obligations, Refunding RB, Series A, 5.00%, 11/15/56	850	915,118	
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BlackRock Municipal Bond Trust (BBK)

	Par	
Manifed Davids	(000)	¥7-1
Municipal Bonds New York (continued)	(000)	Value
New York City Water & Sewer System, Refunding RB, Series A, 4.75%, 6/15/17 (b)(g) New York Liberty Development Corp., Refunding RB:	\$ 565	\$ 571,944
2nd Priority, Bank of America Tower at One Bryant Park Project, Class 3, 6.38%, 7/15/49	800	871,056
	405	439,636
3 World Trade Center Project, Class 2, 5.38%, 11/15/40 (a)	405	439,630
New York Transportation Development Corp., Refunding RB, American Airlines, Inc., AMT, 5.00%, 3/01/31	1 205	1 249 060
	1,295	1,348,069
Niagara Area Development Corp., Refunding RB, Solid Waste Disposal Facility, Covanta Energy Project, Series A, AMT, 5.25%, 11/01/42 (a)	400	402,556
r_{10} ect, selies A, AM1, 3.25% , $11/01/42$ (a)	400	402,550
		12,373,792
North Carolina 0.3%		
City of Raleigh North Carolina Combined Enterprise System Revenue, Refunding RB, Series B,		
3.00%, 3/01/37	550	512,903
North Dakota 0.5%		
City of Fargo North Dakota, GO, Series D, 4.00%, 5/01/37	225	231,156
County of Burleigh North Dakota, Refunding RB, St. Alexius Medical Center Project, Series A,	100	
5.00%, 7/01/21 (b)	480	550,349
		781,505
Ohio 1.2%		
City of Dayton Ohio Airport Revenue, Refunding ARB, James M Cox Dayton International Airport,		
AMT, 4.00%, 12/01/32	2,000	2,030,260
Oklahoma 3.0%		
Norman Oklahoma Regional Hospital Authority, Refunding RB, 4.00%, 9/01/37	1,855	1,847,283
Oklahoma City Public Property Authority, Refunding RB, 5.00%, 10/01/39	720	791,107
Oklahoma Development Finance Authority, RB, State System of Higher Education Master Real		
Property, Series F, 4.00%, 6/01/36	670	686,663
Oklahoma Municipal Power Authority, RB, Power Supply System, Series A, 4.00%, 1/01/38	620	629,344
Oklahoma Water Resources Board, RB, Clean Water Program, 4.00%, 4/01/40	990	1,027,422
		4,981,819
Oregon 3.6%		1 1
County of Lane Oregon School District No. 19 Springfield, GO, CAB, Series B, 0.00%, 6/15/40 (d)	1,000	384,660
Klamath Falls Intercommunity Hospital Authority, Refunding RB, Sky Lakes Medical Center Project:	, , , , , , , , , , , , , , , , , , ,	, ,
3.00%, 9/01/35	705	619,342
3.00%, 9/01/41	350	292,744
Oregon Health & Science University, RB, Series A, 4.00%, 7/01/37	675	694,001
Oregon Health & Science University, Refunding RB, Series B, 4.00%, 7/01/46	575	579,439
State of Oregon Facilities Authority, Refunding RB, Legacy Health Project, Series A, 4.00%, 6/01/41	1,630	1,648,810
State of Oregon State Facilities Authority, Refunding RB, University of Portland Project, Series A,	.,	,,
5.00%, 4/01/45	1,475	1,634,079
·	-,	,
		5 952 075
Pennsylvania 4.5%		5,853,075
Pennsylvania 4.5% County of Allegheny Pennsylvania IDA, Refunding RB, U.S. Steel Corp. Project, 6.55%, 12/01/27	1,695	1,638,031
County of Anegneny Pennsylvania IDA, Refunding RB, U.S. Steel Corp. Project, 0.55%, 12/01/27	1,695 Par	1,038,031
	L SL.	
Municipal Bonds	(000)	Value
Pennsylvania (continued)		
Delaware River Port Authority, RB:		* 1 (aa = · -
4.50%, 1/01/32	\$ 1,500	\$ 1,622,745
Series D (AGM), 5.00%, 1/01/40	2,600	2,828,670
Pottsville Hospital Authority, Refunding RB, Lehigh Valley Health Network, Series B, 5.00%,		
7/01/45	1,250	1,351,863
		7,441,309
Puerto Rico 0.9%		

Children s Trust Fund, Refunding RB, Tobacco Settlement Asset-Backed Bonds:			
5.50%, 5/15/39	940	943,572	
5.63%, 5/15/43	515	515,669	
		1,459,241	
Rhode Island 4.7%			
Rhode Island Commerce Corp., RB, Airport Corporation:			
5.00%, 7/01/41	270	296,600	
5.00%, 7/01/46	335	366,624	
Rhode Island Health & Educational Building Corp., Refunding RB, University of Rhode Island, Series			
B, 4.00%, 9/15/34	660	679,543	
Rhode Island Turnpike & Bridge Authority, Refunding RB, Series A, 5.00%, 10/01/40	1,540	1,721,058	
State of Rhode Island, COP, School for the Deaf Project, Series C (AGC), 5.38%, 4/01/28	900	963,540	
Tobacco Settlement Financing Corp., Refunding RB:			
Series A, 5.00%, 6/01/40	1,000	1,043,920	
Series B, 4.50%, 6/01/45	2,730	2,628,389	
	,	7 - 7	
		7 (00 (74	
		7,699,674	
South Dakota 1.0%			
Dakota Valley School District No. 61-8, GO, Refunding, 3.00%, 7/15/39	1,920	1,662,490	
Tennessee 4.2%			
Chattanooga Health Educational & Housing Facility Board, RB, Catholic Health Initiatives, Series A,			
5.25%, 1/01/40	1,950	2,023,262	
County of Chattanooga-Hamilton Tennessee Hospital Authority, Refunding RB, 5.00%, 10/01/44	875	914,856	
County of Knox Tennessee Health Educational & Housing Facility Board, RB, University Health			
System, Inc., 4.00%, 9/01/40	2,040	2,006,381	
County of Memphis-Shelby Tennessee Sports Authority, Inc., Refunding RB, Memphis Arena Project,			
Series A, 5.38%, 11/01/28	275	302,324	
Johnson City Health & Educational Facilities Board, RB, Mountain States Health, Series A, 5.00%,			
8/15/42	800	846,144	
Metropolitan Government of Nashville & Davidson County Health & Educational Facilities Board,			
RB, Vanderbilt University Medical Center, Series A, 5.00%, 7/01/40	675	744,302	
Metropolitan Government of Nashville & Davidson County Health & Educational Facilities Board,			
Refunding RB, Lipscomb University Project, Series A, 5.00%, 10/01/45	135	146,221	
		6,983,490	
Texas 8.6%		0,985,490	
County of Harris Texas Houston Sports Authority, Refunding RB, CAB, Senior Lien, Series G			
(NPFGC), 0.00%, 11/15/41 (d)	11,690	3,313,647	
	11,090	3,313,047	
County of Matagorda Texas Navigation District No. 1, Refunding RB, Central Power & Light Co.,	1 500	1 (20.015	
Project, Series A, 6.30%, 11/01/29	1,500	1,639,815	
County of Midland Texas Fresh Water Supply District No. 1, RB, CAB, City of Midland Project,	10.7(0	1 2 10 770	
Series A, 0.00%, 9/15/38 (d)	10,760	4,249,770	

See Notes to Financial Statements.

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BlackRock Municipal Bond Trust (BBK)

	Par		
Municipal Bonds	(000)	Value	
Texas (continued)			
Leander ISD, CAB, Series D, 0.00%, 8/15/35 (d)	\$ 4,000	\$ 1,870,440	
Red River Education Financing Corp., RB, Texas Christian University Project, 5.25%, 3/15/38	760	855,707	
Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien, LBJ Infrastructure Group LLC, 7.00%, 6/30/40	2,000	2,283,460	
		14,212,839	
Utah 0.2%			
Utah State Charter School Finance Authority, Refunding RB, Mountainville Academy, 4.00%, 4/15/42 Vermont 1.0%	400	400,724	
University of Vermont & State Agricultural College, Refunding RB, 4.00%, 10/01/37	800	815,736	
Vermont Student Assistance Corp., RB, Series A, 4.13%, 6/15/30	875	894,136	
		,	
		1,709,872	
Virginia 0.8%			
Ballston Quarter Community Development Authority, Tax Allocation Bonds, Series A, 5.38%, 3/01/36	490	471,478	
Virginia Small Business Financing Authority, RB, Senior Lien, Elizabeth River Crossings OpCo LLC			
Project, AMT, 6.00%, 1/01/37	725	812,384	
		1,283,862	
West Virginia 0.6%			
County of Berkeley West Virginia Public Service Sewer District, Refunding RB, (BAM):			
5.00%, 6/01/36	385	424,863	
3.38%, 6/01/46	580	520,086	
		944,949	
Wisconsin 2.0%		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Public Finance Authority, Refunding RB, National Gypsum Co., AMT, 4.00%, 8/01/35	280	261,884	
Wisconsin Health & Educational Facilities Authority, Refunding RB:			
Medical College of Wisconsin, Inc., 4.00%, 12/01/46	600	602,364	
The Monroe Clinic, Inc., 3.00%, 2/15/35	1,055	925,678	
The Monroe Clinic, Inc., 4.00%, 2/15/38	770	768,907	
WPPI Energy Power Supply Systems, Refunding RB, Series A, 5.00%, 7/01/37	665	735,651	
		3,294,484	
Total Municipal Bonds 137.5%		226,252,167	

Colorado 2.4%				
Colorado Health Facilities Authority, RB, Catholic Health, Series C-7 (AGM), 5.00%, 5/01/18 (b)	3,7	50	3,932,888	
Connecticut 1.7%				
Connecticut State Health & Educational Facility Authority, Refunding RB, Trinity Health Credit Group,				
5.00%, 12/01/45	2,6	511	2,866,404	
Georgia 2.7%				
City of Atlanta Georgia Water & Wastewater Revenue, Refunding RB, 5.00%, 11/01/43	4,0	003	4,511,365	
	Par			
Municipal Bonds Transferred to				
•	(0.0.0	۵. ۱	Valera	
Tender Option Bond Trusts (h)	(000)	Value	
Tender Option Bond Trusts (h) New Jersey 0.9%	(000)	value	
	(000)	value	
New Jersey 0.9%	(000 \$ 1,40	, 	1,423,875	
New Jersey 0.9% New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B,		, 		
New Jersey0.9%New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B, 5.25%, 6/15/36 (i)		0 \$		
New Jersey 0.9% New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B, 5.25%, 6/15/36 (i) New York 13.1%	\$ 1,40	0 \$	1,423,875	

5.75%, 6/15/18 (b)	104	109,801	
5.75%, 6/15/40	346	367,223	
City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer			
System, 2nd General Resolution:			
Fiscal 2013, Series CC, 5.00%, 6/15/47	6,000	6,633,391	
Series FF-2, 5.50%, 6/15/40	405	442,673	
Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (i)	2,500	2,840,843	
New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated			
Bonds, 5.25%, 12/15/43	2,505	2,832,567	
State of New York Dormitory Authority, RB, New York University, Series A, 5.00%, 7/01/18 (b)	2,199	2,320,549	
State of New York Thruway Authority, Refunding RB, Transportation, Personal Income Tax, Series			
A, 5.00%, 3/15/31	1,560	1,773,829	
		21,560,969	
Ohio 2.1%		21,500,909	
County of Montgomery Ohio, RB, Catholic Health, Series C-1 (AGM), 5.00%, 4/28/18 (b)	1,260	1,320,581	
Ohio Higher Educational Facility Commission, RB, Cleveland Clinic Health, Series A,	1,200	1,520,561	
5.25%, 1/01/33	2,000	2,060,740	
5.25%, 1101755	2,000	2,000,740	
		3,381,321	
Texas 1.1%			
City of San Antonio Texas Public Service Board, RB, Electric & Gas Systems, Junior Lien,			
5.00%, 2/01/43	1,580	1,762,142	
Total Municipal Bonds Transferred to			
Tender Option Bond Trusts 24.0%		39,438,964	
Total Long-Term Investments			
(Cost \$253,567,656) 161.5%		265,691,131	

Short-Term Securities	Shares	
BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.50% (j)(k)	187,622	187,660
Total Short-Term Securities		
(Cost \$187,641) 0.1%		187,660
Total Investments (Cost \$253,755,297) 161.6%		265,878,791
Other Assets Less Liabilities 0.6%		999,078
Liability for TOB Trust Certificates, Including Interest		
Expense and Fees Payable (13.6)%		(22,442,176)
VMTP Shares at Liquidation Value (48.6)%		(79,900,000)
Net Assets Applicable to Common Shares 100.0%	\$	5 164,535,693

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock Municipal Bond Trust (BBK)

Notes to Schedule of Investments

- (a) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933, as amended. These securities may be resold in transactions exempt from registration to qualified institutional investors.
- (b) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (c) Step-up bond that pays an initial coupon rate for the first period and then a higher coupon rate for the following periods. Rate as of period end.
- (d) Zero-coupon bond.
- (e) Non-income producing security.
- (f) Issuer filed for bankruptcy and/or is in default.
- (g) When-issued security.
- (h) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Trust. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details.
- (i) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Trust could ultimately be required to pay under the agreements, which expire between February 15, 2019 to June 15, 2019, is \$2,411,645. See Note 4 of the Notes to Financial Statements for details.
- (j) During the six months ended February 28, 2017, investments in issuers considered to be an affiliate of the Trust for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares Held at August 31, 2016	Net Activity	Shares Held at February 28, 2017	Value at February 28, 2017	Income	Net Realized Gain ¹	Change in Unrealized Appreciation
BlackRock Liquidity Funds, MuniCash, Institutional		-					
Class	2,139,553	(1,951,931)	187,622	\$ 187,660	\$ 6,585	\$ 966	\$ 19
¹ Includes net capital gain distributions.							

(k) Current yield as of period end.

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

Unrealized

Contracts				
Short	Issue	Expiration	Notional Value	Appreciation (Depreciation)
(25)	5-Year U.S. Treasury Note	June 2017	\$ 2,942,578	\$ 3,047
(88)	10-Year U.S. Treasury Note	June 2017	\$ 10,962,875	4,911
(103)	Long U.S. Treasury Bond	June 2017	\$ 15,620,594	(68,963)
(19)	Ultra U.S. Treasury Bond	June 2017	\$ 3,073,844	(20,298)
Total				\$ (81,303)

Derivative Financial Instruments Categorized by Risk Exposure

As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

Assets Derivative Financial Instruments	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
Futures contracts Net unrealized appreciation ¹					\$ 7,958		\$ 7,958
Liabilities Derivative Financial Instruments							
Futures contracts Net unrealized depreciation ¹					\$ 89,261		\$ 89,261
¹ Includes cumulative appreciation (depreciation) on fut	ures contracts, i	f any, as repo	orted in the Sc	hedule of Inve	stments. Only c	urrent day s va	ariation

margin is reported within the Statements of Assets and Liabilities.

For the six months ended February 28, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

	Commodity	Credit	Equity	Foreign Currency Exchange	Interest Rate	Other	
Net Realized Gain (Loss) from:	Contracts	Contracts	Contracts	Contracts	Contracts	Contracts	Total
Futures contracts					\$ 1,024,535		\$ 1,024,535
Net Change in Unrealized Appreciation (Depreciation) on:							
Futures contracts					\$ (95,168)		\$ (95,168)

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

FEBRUARY 28, 2017

BlackRock Municipal Bond Trust (BBK)

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:	
Average notional value of contracts long	\$ 241,875 ¹
Average notional value of contracts short	\$ 19,797,797
¹ Actual amounts for the period are shown due to limited outstanding derivative financial instruments as of each quarter end.	

For more information about the Trust s investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Trust s policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Trust s investments and derivative financial instruments categorized in the disclosure hierarchy:

	\$ 265,691,131		\$ 265	5,691,131
\$ 187,660				187,660
\$ 187,660	\$ 265,691,131		\$ 263	5,878,791
\$ 7,958			\$	7,958
(89,261)				(89,261)
\$ (81,303)			\$	(81,303)
	\$ 187,660 \$ 7,958 (89,261)	\$ 187,660 \$ 187,660 \$ 265,691,131 \$ 7,958 (89,261)	\$ 187,660 \$ 187,660 \$ 265,691,131 \$ 7,958 (89,261)	\$ 187,660 \$ 187,660 \$ 265,691,131 \$ 263 \$ 7,958 \$ (89,261)

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

² Derivative financial instruments are futures contracts which are valued at the unrealized appreciation (depreciation) on the instrument.

The Trust may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Liabilities:				
TOB Trust Certificates		\$ (22,403,733)		\$ (22,403,733)
VMTP Shares at Liquidation Value		(79,900,000)		(79,900,000)
Total		\$ (102,303,733)		\$ (102,303,733)

During the six months ended February 28, 2017, there were no transfers between levels.

See Notes to Financial Statements.

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Schedule of Investments February 28, 2017 (Unaudited)

BlackRock Municipal Income Investment Quality Trust (BAF)

(Percentages shown are based on Net Assets)

	Par	
Municipal Bonds	(000)	Value
Alabama 1.9%		
City of Birmingham Alabama Special Care Facilities Financing Authority, RB, Children s Hospital (AGC) (a):		
5.00%, 6/01/19	\$ 1,000	\$ 1,109,060
5.13%, 6/01/19	1,000	1,111,840
City of Selma Alabama IDB, RB, Gulf Opportunity Zone, International Paper Co. Project, Series A,		
5.38%, 12/01/35	335	371,870
		2,592,770
California 14.8%		
California Educational Facilities Authority, RB, University of Southern California, Series A,		
5.25%, 10/01/18 (a)	2,005	2,145,149
California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 8/15/42	1,120	1,274,437
City of Los Angeles California Department of Water & Power, RB, Power System, Sub-Series A-1,		
5.25%, 7/01/38	1,175	1,241,047
County of Sacramento California, ARB, Senior Series A (AGC), 5.50%, 7/01/18 (a)	1,400	1,487,234
Kern Community College District, GO, Safety, Repair & Improvement, Series C, 5.50%, 11/01/33	1,025	1,207,409
Los Angeles Municipal Improvement Corp., Refunding LRB, Real Property, Series B (AGC),		
5.50%, 4/01/19 (a)	3,210	3,511,066
Redondo Beach Unified School District, GO, Election of 2008, Series E, 5.50%, 8/01/21 (a)	1,000	1,177,500
San Diego Public Facilities Financing Authority Water, Refunding RB, Series B (AGC), 5.38%, 8/01/19		
(a)	1,125	1,242,281
State of California Public Works Board, LRB, Various Capital Projects, Series I:		
5.50%, 11/01/30	1,000	1,187,470
5.50%, 11/01/31	1,500	1,775,115
State of California Public Works Board, RB, Department of Corrections & Rehabilitation, Series F,		
5.25%, 9/01/33	505	591,244
Township of Washington California Health Care District, GO, Election of 2004, Series B, 5.50%, 8/01/40	380	445,288
University of California, Refunding RB, The Regents of Medical Center, Series J, 5.25%, 5/15/38	2,355	2,705,047
		19,990,287
Colorado 3.9%		
City & County of Denver Colorado Airport System, ARB, Sub-System, Series B, 5.25%, 11/15/32 Colorado Health Facilities Authority, RB, Hospital, NCMC, Inc. Project, Series B (AGM), 6.00%,	3,250	3,734,965
5/15/19 (a)	1,425	1,578,302
		5,313,267
Florida 9.4%		
City of Jacksonville Florida, RB, Series A, 5.25%, 10/01/31	4,525	5,110,264
City of Jacksonville Florida, Refunding RB, Series A, 5.25%, 10/01/33	205	235,301
County of Miami-Dade Florida, RB, Seaport Department, Series A, 6.00%, 10/01/38	4,215	5,024,406
Orange County Health Facilities Authority, Refunding RB, Presbyterian Retirement Communities		
Project, 5.00%, 8/01/41	1,305	1,378,237
Reedy Creek Improvement District, GO, Series A, 5.25%, 6/01/32	745	858,784
		12,606,992
Georgia 2.2%		
City of Atlanta Georgia Department of Aviation, Refunding GARB, Series C, 6.00%, 1/01/30	2,500	2,913,300
	Par	
Municipal Bonds	(000)	Value
Illinois 20.8%		
City of Chicago Illinois, Refunding GARB, O Hare International Airport, 3rd Lien, Series C (AGC),		
5.25%, 1/01/30	\$ 1,000	\$ 1,087,580
City of Chicago Illinois O Hare International Airport, GARB, 3rd Lien:		
Series A, 5.75%, 1/01/39	825	928,406
Series C, 6.50%, 1/01/21 (a)	3,740	4,464,849

City of Chicago Illinois Transit Authority, RB:			
Federal Transit Administration, Section 5309, Series A (AGC), 6.00%, 12/01/18 (a)	1,300	1,414,257	
Sales Tax Receipts, 5.25%, 12/01/36	3,185	3,404,128	
Sales Tax Receipts, 5.25%, 12/01/40	3,000	3,199,650	
City of Chicago Illinois Transit Authority, Refunding RB, Federal Transit Administration, Section 5309	,		
(AGM), 5.00%, 6/01/28	3,000	3,145,680	
City of Chicago Illinois Wastewater Transmission, RB, 2nd Lien, 5.00%, 1/01/42	1,480	1,556,457	
County of Cook Illinois Community College District No. 508, GO, City College of Chicago:	,		
5.50%, 12/01/38	855	918,715	
5.25%, 12/01/43	1,430	1,511,424	
Illinois Finance Authority, RB, Carle Foundation, Series A, 6.00%, 8/15/41	1,885	2,140,681	
Railsplitter Tobacco Settlement Authority, RB:	,		
5.50%, 6/01/23	915	1,033,008	
6.00%, 6/01/28	260	295,461	
State of Illinois, GO:		_,,,,,,,	
5.25%, 2/01/31	610	627,074	
5.25%, 2/01/32	1,000	1,023,250	
5.50%, 7/01/33	1,000	1,042,810	
5.50%, 7/01/38	270	280,808	
	270	200,000	
		28,074,238	
Indiana 1.9%			
Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A			
(AGC):			
5.50%, 1/01/19 (a)	470	508,672	
5.50%, 1/01/38	1,945	2,077,668	
		2,586,340	
Kentucky 0.7%			
Kentucky State Property & Building Commission, Refunding RB, Project No. 93, (AGC):			
5.25%, 2/01/19 (a)	800	863,960	
5.25%, 2/01/27	100	107,124	
		971,084	
Louisiana 1.0%		971,084	
City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC):			
	375	405,746	
Series A-1, 6.00%, 1/01/23	150	162.012	
Series A-2, 6.00%, 1/01/23		. ,.	
Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29	790	834,833	
		1,402,591	
Massachusetts 1.0%			
Massachusetts Development Finance Agency, RB, Emerson College Issue, Series A, 5.00%, 1/01/47	695	746,367	
Massachusetts Development Finance Agency, Refunding RB, Emmanuel College Issue, Series A,			
5.00%, 10/01/35	500	533,330	
		1,279,697	
		1,217,071	

See Notes to Financial Statements.

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FEBRUARY 28, 2017

BlackRock Municipal Income Investment Quality Trust (BAF)

	Par	
Municipal Bonds	(000)	Value
Michigan 2.4%	()	
City of Detroit Michigan Water Supply System Revenue, RB, 2nd Lien, Series B (AGM):		
6.25%, 7/01/19 (a)	\$ 1,695	\$ 1,895,383
6.25%, 7/01/36	5	5,397
Royal Oak Michigan Hospital Finance Authority, Refunding RB, William Beaumont Hospital, Series V, 8.25%, 9/01/18 (a)	1,205	1,336,092
		3,236,872
Minnesota 3.0%		0,200,072
City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC):		
6.50%, 11/15/18 (a)	565	618,019
6.50%, 11/15/38	3,115	3,361,023
		3,979,042
Mississippi 1.8%		
Mississippi Development Bank, RB, Jackson Water & Sewer System Project (AGM), 6.88%, 12/01/40 Mississippi State University Educational Building Corp., Refunding RB, Mississippi State University	1,000	1,274,670
Improvement Project, 5.25%, 8/01/38	1,000	1,141,240
		2,415,910
Nevada 5.8%	5 410	5 (2) (25
County of Clark Nevada, GO, Limited Tax, 5.00%, 6/01/38	5,410	5,636,625
County of Clark Nevada Water Reclamation District, GO, Series A, 5.25%, 7/01/19 (a)	2,000	2,193,280
		7,829,905
New Jersey 5.0%		
New Jersey Health Care Facilities Financing Authority, RB, Virtua Health, Series A (AGC), 5.50%, 7/01/38	1,300	1,402,310
New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC, 5.25%, 10/01/29	1,540	1,594,716
New Jersey Transportation Trust Fund Authority, RB, Transportation System:	1	,,
Series A (AGC), 5.50%, 12/15/38	2,000	2,108,500
Series AA, 5.50%, 6/15/39	1,620	1,685,335
		6,790,861
New York 4.5%		
City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC),	0.465	2 (51 500
5.50%, 1/15/29	2,465	2,654,509
Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38	1,565	1,776,166
Series A-1, 5.25%, 11/15/39	1,000	1,136,510
Westchester Tobacco Asset Securitization, Refunding RB, Sub-Series C, 4.00%, 6/01/42	435	432,581
Westenester Tobacco Asser Securitization, Refunding RD, Sub Series C, 4.0076, 0701/42	-55	432,501
		5,999,766
	1=0	527 552
State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1, 5.25%, 2/15/31 Oregon 0.2%	470	537,553
Clackamas County School District No 12 North Clackamas, GO, Series A, 0.00%, 6/15/38 (b)(c) Pennsylvania 2.6%	510	200,955
Pennsylvania Turnpike Commission, RB, Series C, 5.00%, 12/01/43	1,720	1,901,236
Township of Bristol Pennsylvania School District, GO, 5.25%, 6/01/37	1,500	1,656,945
		3,558,181
	Par	
Municipal Danda	(000)	Value
Municipal Bonds South Carolina 1.6%	(000)	Value
County of Charleston South Carolina, RB, Special Source, 5.25%, 12/01/38	\$ 1,525	\$ 1,750,502

tate of South Carolina Public Service Authority, Refunding RB, Series C, 5.00%, 12/01/46	375	407,355	
		2,157,857	
exas 13.2%		2,137,007	
ustin Community College District Public Facility Corp., RB, Educational Facilities Project, Round			
ock Campus, 5.25%, 8/01/18 (a)	1.000	1,062,130	
ty of Beaumont Texas, GO, Certificates of Obligation, 5.25%, 3/01/37	980	1,110,771	
ty of Frisco Texas ISD, GO, School Building (AGC), 5.50%, 8/15/41	3,365	3,673,806	
ty of Houston Texas Combined Utility System Revenue, Refunding RB, Combined 1st Lien, Series A			
GC):			
38%, 5/15/19 (a)	945	1,034,208	
00%, 5/15/19 (a)	2,465	2,731,319	
00%, 5/15/19 (a)	2,100	2,326,884	
00%, 11/15/35	135	149,187	
00%, 11/15/36	115	127,085	
38%, 11/15/38	55	59,339	
ounty of Tarrant Texas Cultural Education Facilities Finance Corp., Refunding RB, Christus Health,			
eries A (AGC):			
50%, 1/01/19 (a)	205	225,164	
50%, 7/01/37	795	854,689	
ower Colorado River Authority, Refunding RB, 5.50%, 5/15/33	1,000	1,148,660	
orth Texas Tollway Authority, Refunding RB, 1st Tier:			
AGM), 6.00%, 1/01/43	1,000	1,141,990	
eries K-1 (AGC), 5.75%, 1/01/19 (a)	1,500	1,628,805	
ed River Education Financing Corp., RB, Texas Christian University Project, 5.25%, 3/15/38	440	495,409	
		17,769,446	
irginia 1.1%		.,,	
ity of Lexington Virginia IDA, RB, Washington & Lee University, 5.00%, 1/01/43	370	408,721	
irginia Public School Authority, RB, Fluvanna County School Financing, 6.50%, 12/01/18 (a)	1,000	1,097,480	
		1 506 201	
Vashington 1.5%		1,506,201	
ty of Seattle Washington Municipal Light & Power, Refunding RB, Series A, 5.25%, 2/01/36	1.025	1,145,294	
tate of Washington, GO, Various Purposes, Series B, 5.25%, 2/01/36	795	894.049	
ate of washington, OO, various ruposes, series B, 5.25%, 2/01/30	195	094,049	
		2,039,343	
/isconsin 0.9%			
/isconsin Health & Educational Facilities Authority, Refunding RB, Medical College of Wisconsin,			
nc., 4.00%, 12/01/46	1,170	1,174,428	
otal Municipal Bonds 101.6%		136,926,886	

Municipal Bonds Transferred to Tender Option Bond Trusts (d)

Alabama 0.8%		
Auburn University, Refunding RB, Series A, 4.00%, 6/01/41	1,000	1,028,040

See Notes to Financial Statements.

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BlackRock Municipal Income Investment Quality Trust (BAF)

	Par	
Municipal Bonds Transferred to		
Tender Option Bond Trusts (d)	(000)	Value
California 11.3%		
Sacramento Area Flood Control Agency, Refunding RB, Consolidated Capital Assessment District	¢ 0.775	¢ 2,152,771
No.2, 5.00%, 10/01/43 San Marcos Unified School District, GO, Election of 2010, Series A, 5.25%, 8/01/31	\$ 2,775 10,680	\$ 3,152,761 12,088,371
an Marcos Onnied School District, OO, Election of 2010, Sches A, 5.25%, 8/01/31	10,080	12,088,571
		12.011.100
		15,241,132
Connecticut 1.1%		
Connecticut State Health & Educational Facility Authority, Refunding RB, Trinity Health Credit	1,306	1 433 202
Group, 5.00%, 12/01/45 District of Columbia 0.6%	1,500	1,433,202
District of Columbia Water & Sewer Authority, Refunding RB, Senior Lien, Series A,		
5.00%, $10/01/18$ (a)(e)	759	820,592
llinois 7.5%	155	620,372
State of Illinois Toll Highway Authority, RB, Senior:		
Priority, Series A, 5.00%, 1/01/40	825	908,949
Priority, Series B, 5.50%, 1/01/18 (a)	2,999	3,117,975
Priority, Series C, 5.00%, 1/01/38	2,252	2,472,321
Series B, 5.00%, 1/01/40	3,329	3,684,186
		10,183,431
Vlichigan 2.2%		10,105,451
Michigan State Building Authority, Refunding RB, Facilities Program, Series I, 5.00%, 10/15/45	2,650	2,920,962
Nevada 5.0%	2,050	2,720,702
County of Clark Nevada Water Reclamation District, GO, Limited Tax, 6.00%, 7/01/18 (a)	2,000	2,137,360
as Vegas Valley Water District, GO, Refunding, Series C, 5.00%, 6/01/28	4,100	4,610,942
	1,100	.,
		(749 200
New James 450		6,748,302
New Jersey 6.5% New Jersey EDA, RB, School Facilities Construction (AGC) (a):		
5.00%, 12/15/18	986	1,075,599
5.00%, 12/15/18	14	15,221
New Jersey State Turnpike Authority, RB, Series A, 5.00%, 1/01/38 (e)	6,020	6,693,036
New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B,	0,020	0,020,000
5.25%, 6/15/36 (e)	1,000	1,017,053
	-,	-,
		8,800,909
New York 14.3%		8,800,909
City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer		
System, 2nd General Resolution:		
System, 2nd General Resolution.	4,993	5,664,030
Series FF, 5.00%, 6/15/45	3,019	3,339,099
City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-3,	5,017	5,557,077
5.25%, 1/15/39	900	961,495
Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (e)	1,000	1,136,337
	Par	-,
Municipal Bonds Transferred to		
Fender Option Bond Trusts (d)	(000)	Value
New York (continued)	(000)	¥ 41UC
Aetropolitan Transportation Authority, Refunding RB, Series C-1, 5.25%, 11/15/56	\$ 2,540	\$ 2,887,041
New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated	φ 2,5τ0	\$ 2,007,041
Bonds, 5.25%, 12/15/43	2,955	3,341,412
lew York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%,	2,700	-,,-=
1/15/51 (e)	1,740	1,985,861
		-, ,001
		10 215 275
North Carolina 2.0%		19,315,275
North Carolina 2.0% North Carolina Capital Facilities Finance Agency, Refunding RB, Duke University Project, Series B,		
.00%, 10/01/55	2,400	2,693,448
	2,400	2,075,440

Pennsylvania 2.0%			
County of Westmoreland Pennsylvania Municipal Authority, Refunding RB, (BAM), 5.00%,			
8/15/38	1,349	1,491,695	
Pennsylvania Turnpike Commission, RB, Sub-Series A, 5.50%, 12/01/42	1,094	1,250,543	
		2,742,238	
Texas 5.6%			
County of Tarrant Texas Cultural Education Facilities Finance Corp., RB, Baylor Health Care			
System Project, Series A, 5.00%, 11/15/38	4,456	4,894,337	
North Texas Tollway Authority, RB, Special Projects System, Series A, 5.50%, 9/01/41	2,310	2,636,519	
		7,530,856	
Utah 0.8%			
City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41	1,005	1,065,125	
Total Municipal Bonds Transferred to			
Tender Option Bond Trusts 59.7%		80,523,512	
Total Long-Term Investments			
(Cost \$202,949,710) 161.3%		217,450,398	

Short-Term Securities	Shares	
BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.50% (f)(g)	222,765	222,810
Total Short-Term Securities		
(Cost \$222,788) 0.2%		222,810
Total Investments (Cost \$203,172,498) 161.5%		217,673,208
Other Assets Less Liabilities 3.1%		4,147,863
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (32.2)%		(43,361,634)
Loan for TOB Trust Certificates (1.1)%		(1,499,475)
VMTP Shares at Liquidation Value (31.3)%		(42,200,000)
Net Assets Applicable to Common Shares 100.0%		\$ 134,759,962

Notes to Schedule of Investments

- (a) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) Zero-coupon bond.
- (c) When-issued security.
- (d) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Trust. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details.

See Notes to Financial Statements.

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FEBRUARY 28, 2017

Schedule of Investments (continued)

BlackRock Municipal Income Investment Quality Trust (BAF)

- (e) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Trust could ultimately be required to pay under the agreements, which expire between May 7, 2018 to July 1, 2020, is \$7,481,044. See Note 4 of the Notes to Financial Statements for details.
- (f) During the six months ended February 28, 2017, investments in issuers considered to be an affiliate of the Trust for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

						Net	
	Shares Held at August 31,	Net	Shares Held at February 28,	Value at February 28,		Realized	Change in Unrealized
Affiliate	2016	Activity	2017	2017	Income	Gain	Appreciation
BlackRock Liquidity Funds, MuniCash, Institutional Class	704,474	(481,709)	222,765	\$ 222,810	\$ 1,039	\$ 157	\$ 22

(g) Current yield as of period end.

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

				Unrealized
Contracts			Notional	Appreciation
Short	Issue	Expiration	Value	(Depreciation)
(46)	5-Year U.S. Treasury Note	June 2017	\$ 5,414,344	\$ 6,839
(71)	10-Year U.S. Treasury Note	June 2017	\$ 8,845,047	4,121
(45)	Long U.S. Treasury Bond	June 2017	\$ 6,824,531	(31,109)
(7)	Ultra U.S. Treasury Bond	June 2017	\$ 1,132,469	(7,435)
Total				\$ (27,584)

Derivative Financial Instruments Categorized by Risk Exposure

As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

Assets Derivative F	inancial Instruments	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
		Contracts	Contracts	Contracts	Contracts		Contracts	
Futures contracts	Net unrealized appreciation ¹					\$ 10,960		\$ 10,960
Liabilities Derivati	ve Financial Instruments							
Futures contracts	Net unrealized depreciation ¹					\$ 38,544		\$ 38,544
1 7 1 1 1 1					1 67 .	0.1		

¹ Includes cumulative appreciation (depreciation) on futures contracts, if any, as reported in the Schedule of Investments. Only current day s variation margin is reported within the Statements of Assets and Liabilities.

For the six months ended February 28, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

Net Realized Gain (Loss) from:	Commodity	Credit	Equity	Foreign	Interest	Other	Total
	Contracts	Contracts	Contracts	Currency	Rate	Contracts	

	Exchange Contracts	Contracts	
Futures contracts		\$ 515,440	\$ 515,440
Net Change in Unrealized Appreciation (Depreciation)			
on:			
Futures contracts		\$ (40,489)	\$ (40,489)

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:

Average notional value of contracts short For more information about the Trust s investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.

\$ 13,195,563

See Notes to Financial Statements.

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BlackRock Municipal Income Investment Quality Trust (BAF)

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Trust s policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Trust s investments and derivative financial instruments categorized in the disclosure hierarchy:

	Level 1	Level 2	Level 3		Total
Assets:					
Investments:					
Long-Term Investments ¹		\$ 217,450,398		\$ 21	7,450,398
Short-Term Securities	\$ 222,810				222,810
Total	\$ 222,810	\$ 217,450,398		\$ 21	7,673,208
Derivative Financial Instruments ²					
Assets:					
Interest rate contracts	\$ 10,960			\$	10,960
Liabilities:					
Interest rate contracts	(38,544)				(38,544)
Total	\$ (27,584)			\$	(27,584)

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

² Derivative financial instruments are futures contracts which are valued at the unrealized appreciation (depreciation) on the instrument.

The Trust may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Liabilities:				
TOB Trust Certificates		\$ (43,297,138)		\$ (43,297,138)
Loan for TOB Trust Certificates		(1,499,475)		(1,499,475)
VMTP Shares at Liquidation Value		(42,200,000)		(42,200,000)
Total		\$ (86,996,613)		\$ (86,996,613)

During the six months ended February 28, 2017, there were no transfers between levels.

See Notes to Financial Statements.

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Schedule of Investments February 28, 2017 (Unaudited)

BlackRock Municipal Income Quality Trust (BYM)

(Percentages shown are based on Net Assets)

	Par	
Municipal Bonds	(000)	Value
Alabama 4.2%	(000)	Vulue
City of Birmingham Alabama Airport Authority, ARB (AGM), 5.50%, 7/01/40	\$ 5,800	\$ 6,409,290
City of Birmingham Alabama Special Care Facilities Financing Authority, RB, Children s Hospital	,	,,
(AGC), 6.00%, 6/01/19 (a)	1,495	1,658,045
City of Birmingham Alabama, GO, Convertible CAB, Series A1, 0.00%, 3/01/45 (b)	1,165	1,160,305
County of Jefferson Alabama, RB, Limited Obligation School, Series A, 4.75%, 1/01/25	2,800	2,810,836
State of Alabama Docks Department, Refunding RB, 6.00%, 10/01/40 (a)	3,800	4,341,196
· · · · · · · · · · · · · · · · · · ·	-,	.,,
		16,379,672
Alaska 0.3%		
Alaska Industrial Development & Export Authority, RB, Providence Health Services, Series A,	1 0 7 0	
5.50%, 10/01/41	1,070	1,186,341
Arizona 0.7%		
County of Maricopa Arizona IDA, Refunding RB, Banner Health Obligation Group, Series A:		
3.25%, 1/01/37	805	758,705
5.00%, 1/01/38	440	496,091
State of Arizona, COP, Department of Administration, Series A (AGM):		
5.00%, 10/01/27	1,250	1,357,950
5.25%, 10/01/28	250	273,105
		2,885,851
California 13.9%		2,000,001
California Health Facilities Financing Authority, RB, St. Joseph Health System, Series A, 5.75%,		
7/01/39	625	678,037
California Infrastructure & Economic Development Bank, RB, Bay Area Toll Bridges, 1st Lien,		,
Series A (AMBAC), 5.00%, 1/01/28 (a)	10,100	12,615,203
California State University, Refunding RB (AGM):	10,100	12,010,200
5.00%, 11/01/32	2,150	2,164,534
Systemwide, Series A, 5.00%, 5/01/17 (a)	1,540	1,551,920
California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A,	1,540	1,551,720
5.00%, 4/01/42	1,620	1,763,111
Coast Community College District, GO, CAB, Election of 2002, Series C (AGM), 5.00%, 8/01/18	1,020	1,705,111
(a)(b)	7,450	7,892,008
(a)(b) Monterey Peninsula Community College District, GO, CAB, Series C (AGM) (a)(c):	7,430	7,892,008
• • •	12 575	6 791 662
0.00%, 2/01/18 0.00%, 2/01/18	13,575	6,781,663 6,708,798
	14,150	0,708,798
Mount San Antonio Community College District, GO, Refunding, CAB, Election of 2008, Series	1 500	1 125 055
A, 0.00%, 8/01/43 (b)	1,580	1,125,955
San Diego California Unified School District, GO, Election of 2008 (c):	2 000	822 000
CAB, Series C, 0.00%, 7/01/38	2,000	822,000
CAB, Series G, 0.00%, 7/01/34	725	320,479
CAB, Series G, 0.00%, 7/01/35	775	321,547
CAB, Series G, 0.00%, 7/01/36	1,155	449,815
CAB, Series G, 0.00%, 7/01/37	770	281,959
San Diego California Unified School District, GO, Refunding, CAB, Series R-1, 0.00%, 7/01/31		
(c)	1,400	814,800
State of California, GO, Refunding, Various Purposes, 5.00%, 10/01/41	1,100	1,231,241
State of California, GO, Various Purposes, 5.00%, 4/01/42	3,000	3,329,130
State of California Public Works Board, LRB, Various Capital Projects, Series I, 5.50%, 11/01/33	1,415 Par	1,670,719
	1 41	
Municipal Bonds	(000)	Value
California (continued)		
Yosemite Community College District, GO, CAB, Election of 2004, Series D, 0.00%, 8/01/37 (c)	\$ 10,000	\$ 4,185,500
		54,708,419
Colorado 0.6%		. ,,

Regional Transportation District, COP, Refunding, Series A, 5.38%, 6/01/31	960	1,057,949
Regional Transportation District, COP, Series A, 5.00%, 6/01/39	1,305	1,430,228
	1,000	1,100,220
		2,488,177
District of Columbia 2.5%		2,488,177
District of Columbia 72.5 % District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed,		
6.75%, 5/15/40	9,500	9,701.875
Florida 13.6%),500	9,701,875
City of Tallahassee Florida Energy System Revenue, RB, (NPFGC):		
5.00%, 10/01/32	3,000	3,064,410
5.00%, 10/01/37	5,000	5,107,350
County of Brevard Florida Health Facilities Authority, Refunding RB, Health First, Inc. Project,	2,000	-,
5.00%, 4/01/39	1,795	1,919,681
County of Broward Florida School Board, COP, Series A (AGM), 5.25%, 7/01/18 (a)	1,400	1,481,606
County of Broward Florida Water & Sewer Utility, Refunding RB, Series A, 5.25%, 10/01/18 (a)	6,750	7,210,147
County of Duval Florida School Board, COP, Master Lease Program (AGM), 5.00%, 7/01/17 (a)	3,475	3,526,708
County of Miami-Dade Florida, RB, Seaport Department, Series A, 6.00%, 10/01/38	2,770	3,301,923
County of Miami-Dade Florida Aviation, Refunding ARB:		
Aviation, Miami International Airport, Series A-1, 5.50%, 10/01/41	5,000	5,546,600
Series A, 5.50%, 10/01/36	5,000	5,485,650
County of Miami-Dade Florida Educational Facilities Authority, RB, University Miami, Series A,		
5.00%, 4/01/40	3,910	4,259,671
County of Miami-Dade Florida Transit System, RB, Surtax (AGM), 5.00%, 7/01/35	1,300	1,357,525
County of Orange Health Facilities Authority, Refunding RB, Presbyterian Retirement Communities		
Project, 5.00%, 8/01/47	900	946,233
County of Sarasota Florida Public Hospital District, RB, Sarasota Memorial Hospital Project, Series		
A, 5.63%, 7/01/39	300	320,616
Florida State Department of Environmental Protection, RB, Florida Forever Project, Series B	6.150	(202 000
(NPFGC), 5.00%, 7/01/27	6,150	6,302,889
Reedy Creek Improvement District, GO, Series A, 5.25%, 6/01/33	1,340	1,539,647
Tohopekaliga Water Authority, Refunding RB, Series A, 5.25%, 10/01/21 (a)	2,000	2,333,460
		53,704,116
Georgia 2.9%		
City of Atlanta Georgia Department of Aviation, Refunding GARB, Series C, 6.00%, 1/01/30	7,500	8,739,900
County of Burke Georgia Development Authority, Refunding RB, Oglethorpe Power-Vogtle Project,	1.050	1 000 000
Series C, 5.70%, 1/01/43	1,250	1,290,288
County of Gainesville Georgia & Hall Hospital Authority, Refunding RB, Northeast Georgia Health	E 4 E	(27.01)
System, Inc. Project, Series A, 5.50%, 8/15/54	545	627,916

See Notes to Financial Statements.

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BlackRock Municipal Income Quality Trust (BYM)

	Par		
Municipal Bonds	(000)	Value	
Georgia (continued)	(000)	, unde	
Private Colleges & Universities Authority, RB, Savannah College of Art & Design:			
5.00%, 4/01/33	\$ 155	\$ 166,761	
5.00%, 4/01/44	595	632,158	
		,	
		11,457,023	
Hawaii 1.4%	5 000	5 51(750	
State of Hawaii Harbor System, RB, Series A, 5.50%, 7/01/35	5,000	5,516,750	
Illinois 13.4%	1 215	1 201 220	
City of Chicago Illinois, GO, Refunding, Series A, Project, 5.25%, 1/01/33	1,315	1,291,330	
City of Chicago Illinois, Refunding RB, Sales Tax Receipts, Series A, 5.00%, 1/01/41	1,715	1,742,886	
City of Chicago Illinois O Hare International Airport, RB, Senior Lien, Series D, 5.25%, 1/01/42	3,300	3,765,333	
City of Chicago Illinois O Hare International Airport, Refunding GARB, Senior Lien, Series D,			
5.25%, 1/01/34	9,800	10,796,464	
City of Chicago Illinois O Hare International Airport, GARB, 3rd Lien, Series A, 5.63%, 1/01/35	1,525	1,706,795	
City of Chicago Illinois Transit Authority, RB:			
5.25%, 12/01/49	3,500	3,820,950	
Sales Tax Receipts, 5.25%, 12/01/36	650	694,720	
County of Cook Illinois Community College District No. 508, GO, City College of Chicago:			
5.13%, 12/01/38	7,700	8,084,769	
5.50%, 12/01/38	1,000	1,074,520	
County of Cook Illinois Forest Preserve District, GO, Refunding, Limited Tax Project, Series B,			
5.00%, 12/15/37	210	223,117	
Illinois Finance Authority, Refunding RB:			
Silver Cross Hospital and Medical Centers, 4.13%, 8/15/37	3,130	3,074,724	
Silver Cross Hospital and Medical Centers, 5.00%, 8/15/44	390	410,323	
University of Chicago Medical Center, Series B, 4.00%, 8/15/41	900	905,139	
Railsplitter Tobacco Settlement Authority, RB, 6.00%, 6/01/28	710	806,837	
State of Illinois, GO:	,10	000,007	
5.25%, 2/01/33	2,435	2,484,431	
5.50%, 7/01/33	880	917,673	
5.25%, 2/01/34	5,910	6,016,084	
5.50%, 7/01/38	1,475	1,534,044	
5.00%, 2/01/39	2,200	2,194,104	
University of Illinois, RB, Auxiliary Facilities System, Series A, 5.00%, 4/01/39	1,020	1,100,692	
University of miniois, KB, Auxinary Facilities System, series A, 5.00%, 4/01/59	1,020	1,100,092	
		52,644,935	
Indiana 1.9%			
Indiana Finance Authority, RB, CWA Authority Project, 1st Lien, Series A, 5.25%, 10/01/38 Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC):	1,100	1,241,251	
(AOC). 5.50%, 1/01/19 (a)	1,125	1,217,565	
5.50%, 1/01/19 (a)		4,940,471	
5.50%, 1/01/58	4,625	4,940,471	
		7,399,287	
Iowa 2.3%			
Iowa Finance Authority, RB, Iowa Health Care Facilities:			
Genesis Health System, 5.50%, 7/01/33	3,000	3,475,110	
Series A (AGC), 5.63%, 8/15/19 (a)	5,000	5,547,500	
	,		
		0.022 (10	
	Par	9,022,610	
	- ***		
Municipal Bonds	(000)	Value	
Kentucky 0.4%			
State of Kentucky Property & Building Commission, Refunding RB, Project No. 93 (AGC):			
5.25%, 2/01/19 (a)	\$ 1,330	\$ 1,436,333	
5.25%, 2/01/29	170	181,977	

		1,618,310
Louisiana 0.2%		
Louisiana Public Facilities Authority, RB, Provident Group-Flagship Properties LLC, Series A,	700	020.011
5.00%, 7/01/56 Massachusetts 1.2%	790	830,811
Massachusetts Development Finance Agency, RB, Emerson College Issue, Series A, 5.00%, 1/01/47	2.370	2,545,167
Massachusetts Development Finance Agency, Refunding RB, Emmanuel College Issue, Series A,	2,370	2,545,107
5.00%, 10/01/43	420	444,587
Massachusetts School Building Authority, RB, Dedicated Sales Tax, Senior Series A, 5.00%, 5/15/43	1,395	1,562,944
	-,-,-	-,,-
		4,552,698
Michigan 5.7%		4,552,090
City of Detroit Michigan Sewage Disposal System, Refunding RB, 2nd Lien, Series E (BHAC),		
5.75%, 7/01/18 (a)	3,000	3,191,070
City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A, 5.50%, 7/01/41	1,100	1,248,280
Michigan Finance Authority, Refunding RB:		
Henry Ford Health System, 3.25%, 11/15/42	995	827,910
Trinity Health Credit Group, 5.00%, 12/01/21 (a)	30	34,839
Trinity Health Credit Group, 5.00%, 12/01/39	9,020	10,107,090
Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital, Series		
D, 5.00%, 9/01/39	1,560	1,684,191
State of Michigan Building Authority, Refunding RB, Facilities Program:	2 000	2 222 100
Series I-A, 5.38%, 10/15/36 Series I-A, 5.38%, 10/15/41	2,000 800	2,233,100 892,128
Series II-A, 5.38%, 10/15/36	1,500	1,674,825
Western Michigan University, Refunding RB, General, University and College Improvements (AGM),	1,500	1,074,025
5.00%, 11/15/39	430	472,050
		22,365,483
Nebraska 1.8%		22,505,405
Central Plains Energy Project Nebraska, RB, Gas Project No. 3, 5.25%, 9/01/37	6,345	6,890,289
Nevada 2.0%	- ,	-,,
County of Clark Nevada, ARB, Las Vegas-McCarran International Airport, Series A:		
5.25%, 7/01/42	3,000	3,250,620
(AGM), 5.25%, 7/01/39	4,100	4,444,892
		7,695,512
New Jersey 6.5%		
New Jersey EDA, RB, Series WW:		
5.25%, 6/15/33	170	174,704
5.00%, 6/15/34	225	226,656
5.00%, 6/15/36	1,395	1,399,603
5.25%, 6/15/40	400	405,880
New Jersey Transportation Trust Fund Authority, RB:	5.070	5 095 020
5.00%, 6/15/36	5,070 5.845	5,085,920
CAB, Transportation System, Series A, 0.00%, 12/15/38 (c) Transportation Program, Series AA, 5.25%, 6/15/33	5,845 1,660	1,814,230 1,704,604
Transportation Frogram, Schos AA, 5.2570, 0/15/55	1,000	1,704,004

See Notes to Financial Statements.

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Series A, 5.50%, 12/01/54

BlackRock Municipal Income Quality Trust (BYM)

		Par			
Municipal Bonds		(000)		Value	
New Jersey (continued)		()			
New Jersey Transportation Trust Fund Authority, RB (continued):					
Transportation Program, Series AA, 5.00%, 6/15/38	\$	1,945	\$	5 1,946,031	
Transportation System, Series A, 5.50%, 6/15/41		3,000		3,085,140	
Transportation System, Series AA, 5.50%, 6/15/39		3,785		3,937,649	
Transportation System, Series B, 5.25%, 6/15/36		5,000		5,084,100	
Transportation System, Series D, 5.00%, 6/15/32		900		917,397	
				25,781,914	
New Mexico 0.1%				25,701,914	
New Mexico Hospital Equipment Loan Council, Refunding RB, Presbyterian Healthcare Services, 5.00%, 8/01/44		405		448,671	
New York 2.7%		100			
City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4, 5.50%, 1/15/33		1,950		2,102,880	
City of New York New York Transitional Finance Authority, Refunding RB, Future Tax Secured,		1,950		2,102,000	
Series B, 5.00%, 11/01/32		1,650		1,891,362	
County of Erie New York Industrial Development Agency, RB, City School District of Buffalo, Series	0	1,050		1,091,302	
A (AGM), 5.75%, 5/01/17 (a)	3	4,500		4,540,365	
Hudson Yards Infrastructure Corp., RB, Series A, 5.75%, 2/15/47		4,300		875,059	
State of New York Dormitory Authority, RB, Series B, 5.75%, 3/15/36		1,300		1,416,870	
State of New Tork Dominiory Autionty, KD, Series D, 5.7576, 5115150		1,500		1,410,070	
Ohio 0.7%				10,826,536	
County of Lucas Ohio, Refunding RB, Promedica Healthcare, Series A, 6.50%, 11/15/37		610		719.025	
State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1:		010		/19,020	
5.25%, 2/15/32		780		888,420	
5.25%, 2/15/33		1,095		1,242,683	
				2,850,128	
Oregon 0.1%					
Clackamas County School District No. 12 North Clackamas, GO, Series A, 0.00%, 6/15/38 (c)(d) Pennsylvania 3.5%		1,115		439,343	
Pennsylvania HFA, RB, S/F Housing Mortgage, Series 118-B, 4.05%, 10/01/40		1,770		1,786,992	
Pennsylvania Higher Educational Facilities Authority, Refunding RB, Thomas Jefferson University,		,		, <u>, .</u>	
Series A, 5.25%, 9/01/50		4,245		4,672,726	
Pennsylvania Turnpike Commission, RB:					
Series A, 5.00%, 12/01/38		695		760,810	
Series A-1, 5.00%, 12/01/41		2,730		3,005,921	
Series B, 5.00%, 12/01/40		1,060		1,168,067	
Series C, 5.50%, 12/01/33		630		731,102	
Subordinate, Special Motor License Fund, 6.00%, 12/01/20 (a)		625		732,719	
Pennsylvania Turnpike Commission, Refunding RB, Series A-1, 5.00%, 12/01/40		850		932,407	
				13,790,744	
Rhode Island 1.5%					
Rhode Island Commerce Corp., RB, Airport Corporation, 5.00%, 7/01/46		250		273,600	
Tobacco Settlement Financing Corp., Refunding RB, Series B, 4.50%, 6/01/45		5,855		5,637,077	
	I	Par		5,910,677	
Municipal Bonds	(000)		Value	
South Carolina 4.6%	(,		, uiuc	
South Carolina Jobs EDA, Refunding RB, Palmetto Health, Series A (AGM), 6.50%, 8/01/39	\$	260	\$	303,303	
State of South Carolina Ports Authority, RB, 5.25%, 7/01/40		,000	Ŷ	5,459,900	
State of South Carolina Public Service Authority, RB, Santee Cooper:		,		, ,	
		0(0		7 707 705	

6,960

7,797,705

Series E, 5.50%, 12/01/53	610	682,505
State of South Carolina Public Service Authority, Refunding RB:		
Santee Cooper, Series B, 5.00%, 12/01/38	2,360	2,568,317
Series E, 5.25%, 12/01/55	1,185	1,292,551
		18,104,281
Tennessee 0.2%		10,104,201
Metropolitan Government of Nashville & Davidson County Health & Educational Facilities		
Board, RB, Vanderbilt University Medical Center, Series A, 5.00%, 7/01/40	740	815,976
Texas 17.7%	710	010,770
Central Texas Turnpike System, Refunding RB, CAB, Series B, 0.00%, 8/15/37 (c)	1,050	439,992
City of San Antonio Texas Public Service Board, RB, Junior Lien, 5.00%, 2/01/38	615	687,668
Coppell Texas ISD, GO, CAB, Refunding (PSF-GTD), 0.00%, 8/15/30 (c)	10,030	6,626,520
County of Harris Texas, GO, Refunding, (NPFGC) (c):	10,050	0,020,320
0.00%, 8/15/25	7,485	6,122,206
0.00%, 8/15/28	10,915	8,171,624
County of Harris Texas Houston Sports Authority, Refunding RB (c):	10,715	0,171,024
3rd Lien, Series A-3 (NPFGC), 0.00%, 11/15/38	16,890	5,263,262
CAB, Junior Lien, Series H (NPFGC), 0.00%, 11/15/38	5,785	1,973,553
CAB, Junior Lien, Series H (NPFGC), 0.00%, 11/15/39	6,160	1,971,262
County of Midland Texas Fresh Water Supply District No. 1, RB, CAB, City of Midland Project,	0,100	1,971,202
Series A, 0.00%, 9/15/36 (c)	2,340	1,027,751
Dallas-Fort Worth International Airport, Refunding ARB, Series F, 5.25%, 11/01/33	1,090	1,250,808
Leander ISD, GO, Refunding, CAB, Series D, 0.00%, 8/15/38 (c)	3,775	1,495,730
North Texas Tollway Authority, RB:	5,115	1,495,750
CAB, Special Project System, Series B, 0.00%, 9/01/37 (c)	1,975	748.624
Convertible CAB, Series C, 0.00%, 9/01/45 (b)	2,500	2,746,275
Special Projects System, Series A, 6.00%, 9/01/41	1,000	1,171,620
North Texas Tollway Authority, Refunding RB:	1,000	1,171,020
1st Tier System (NPFGC), 5.75%, 1/01/18 (a)	8,650	9,011,310
1st Tier System (NPFGC), 5.75%, 1/01/10 (a)	2,785	2,878,548
1st Tier System, Series A, 6.00%, 1/01/19 (a)	510	556,114
1st Tier System, Series A (NPFGC), 6.00%, 1/01/28	115	124,868
1st Tier System, Series S, 5.75%, 1/01/18 (a)	11,615	12,100,159
Series B, 5.00%, 1/01/40	385	425,529
Texas Municipal Gas Acquisition & Supply Corp. III, RB:	505	743,347
5.00%, 12/15/32	2,540	2,698,471
Natural Gas Utility Improvements, 5.00%, 12/15/31	2,105	2,243,109
Tuturu Guo Gunty Improvemento, 5.0070, 12/15/51	2,105	2,243,107

69,735,003

See Notes to Financial Statements.

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BlackRock Municipal Income Quality Trust (BYM)

	Par			
Municipal Bonds Utah 2.1%	(000)		Value	
Salt Lake City Corp. Airport Revenue, RB, Series B, 5.00%, 7/01/42	\$ 2,575	\$	2,919,561	
Utah Transit Authority, RB, Series A (AGM), 5.00%, 6/15/18 (a)	5,000		5,264,750	
			0 104 211	
Washington 1.8%			8,184,311	
Washington Health Care Facilities Authority, RB:				
MultiCare Health System, Remarketing, Series B, 5.00%, 8/15/44	2,000		2,167,660	
MultiCare Health System, Series C (AGC), 5.50%, 8/15/18 (a)	4,000		4,265,800	
Providence Health & Services, Series A, 5.25%, 10/01/39	675		725,706	
riovachee riedan ee Services, Series R, 5.25 %, 10/01/59	075		123,100	
			7,159,166	
Wisconsin 1.8%				
Public Finance Authority, RB, KU Campus Development Corp., Central District Development				
Project, 5.00%, 3/01/46	5,100		5,591,691	
State of Wisconsin Health & Educational Facilities Authority, RB, Ascension Health Senior Credit				
Group, Series E, 5.00%, 11/15/33	1,500		1,624,935	
			7,216,626	
Total Municipal Bonds 112.3%			442,311,535	
Municipal Bonds Transferred to Tender Option Bond Trusts (e) Arizona 0.4%				
City of Phoenix Arizona Civic Improvement Corp., Refunding RB, Water System, Junior Lien,	1 200			
Series A, 5.00%, 7/01/19 (a)	1,300		1,418,131	
California 3.6%				
California State University, RB, Systemwide, Series A (AGM) (f): 5.00%, 5/01/18 (a)	3,292		3,441,275	
5.00%, 11/01/33	86		90,049	
County of San Diego California Water Authority Financing Corp., COP, Refunding,	00		20,012	
Series A (AGM) (a):	808		848 072	
5.00%, 5/01/18 5.00%, 5/01/18	4,062		848,023 4,263,627	
Los Angeles Community College District California, GO, Election of 2001, Series A (AGM),	4,002		4,203,027	
5.00%, 8/01/17 (a)	5,000		5,093,050	
San Diego Community College District California, GO, Election of 2002, 5.25%, 8/01/19 (a)	449		494,121	
			,	
			14,230,145	
Connecticut 0.4%			11,200,140	
Connecticut State Health & Educational Facility Authority, Refunding RB, Trinity Health Credit				
Group, 5.00%, 12/01/45	1,561		1,713,253	
District of Columbia 0.3%	,- ,-		,,	
District of Columbia, RB, Series A, 5.50%, 12/01/30 (f)	1,080		1,202,208	
Florida 6.9%				
City of Miami Beach Florida, RB, 5.00%, 9/01/45	3,500		3,913,455	
County of Miami-Dade Florida, Refunding RB, Transit System Sales Surtax, 5.00%, 7/01/42	1,950		2,156,115	
County of Miami-Dade Florida Water & Sewer System (AGC), 5.00%, 10/01/39	10,101 Par		11,146,322	
Municipal Bonds Transferred to				
Tender Option Bond Trusts (e)	(000)		Value	
Florida (continued)				
County of Orange Florida School Board, COP, Series A (AGC), 5.50%, 8/01/19 (a)	\$ 6,096	5	\$ 6,740,841	
State of Florida Board of Education, GO, Refunding, Series C, 5.00%, 6/01/18 (f)	2,999		3,061,995	

27,018,728

	2,400	2 722 006	
Illinois Finance Authority, RB, The Carle Foundation, Series A (AGM), 6.00%, 8/15/41	2,400	2,733,096	
State of Illinois, RB, Build Illinois, Series B, 5.25%, 6/15/19 (a)(f)	1,400	1,530,521	
State of Illinois Toll Highway Authority, RB: Senior Priority, Series A, 5.00%, 1/01/40	3,045	2 254 949	
	4,499	3,354,848 4,676,962	
Senior Priority, Series B, 5.50%, 1/01/18 (a)		2,917,339	
Senior Priority, Series C, 5.00%, 1/01/38 Senior, Series B, 5.00%, 1/01/40	2,658 1,170	1,294,444	
Series A, 5.00%, 1/01/40 Series A, 5.00%, 1/01/38	7,714	8,496,022	
Series A, 5.00%, 1/01/58	/,/14	8,490,022	
		25,003,232	
Kansas 1.6%			
County of Wyandotte Kansas Unified School District, GO, Series A, 5.50%, 9/01/47	5,363	6,371,474	
Maryland 0.9%			
City of Baltimore Maryland Water Utility Fund, RB, Sub-Water Projects, Series A, 5.00%, 7/01/41	3,139	3,552,970	
Massachusetts 0.5%			
Commonwealth of Massachusetts, GO, Series A, 5.00%, 3/01/46	1,661	1,860,013	
Michigan 0.9%			
Michigan Finance Authority, RB, Beaumont Health Credit Group, 5.00%, 11/01/44	2,220	2,417,405	
Michigan State Building Authority, Refunding RB, Facilities Program, Series I, 5.00%, 10/15/45	960	1,058,160	
		3,475,565	
Nevada 2.9%		5, 110,000	
City of Las Vegas Nevada, GO, Limited Tax, Performing Arts Center, 6.00%, 4/01/19 (a)(f)	4,197	4,627,067	
County of Clark Nevada Water Reclamation District, GO, Limited Tax, Series B, 5.75%, 7/01/19 (a)	2,024	2,243,252	
Las Vegas Valley Water District Nevada, GO, Refunding, Water Improvement, Series A, 5.00%,	2,021	2,2 10,202	
6/01/46	3,900	4,382,001	
	2,,,00	1,002,001	
		11 252 220	
N I		11,252,320	
New Jersey 0.8%			
County of Hudson New Jersey Improvement Authority, RB, Hudson County Vocational-Technical	920	1 047 (97	
Schools Project, 5.25%, 5/01/51	920	1,047,687	
New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B,	2 000	2 024 106	
5.25%, 6/15/36 (f)	2,000	2,034,106	
		3,081,793	
New York 13.5%			
City of New York New York Municipal Water Finance Authority, RB, Water & Sewer System, 2nd			
General Resolution, Fiscal 2015, Series FF, 5.00%, 6/15/39	8,355	9,455,938	
City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer			
System, 2nd General Resolution, Fiscal 2013, Series CC, 5.00%, 6/15/47	6,240	6,898,727	
City of New York New York Water & Sewer System, Refunding RB, 2nd General Resolution, Fiscal			
2014, Series DD, 5.00%, 6/15/35	1,845	2,100,699	
Metropolitan Transportation Authority, RB, Sub-Series D-1, 5.25%, 11/15/44	3,850	4,416,720	

See Notes to Financial Statements.

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BlackRock Municipal Income Quality Trust (BYM)

	Par		
Municipal Bonds Transferred to	(000)		
Fender Option Bond Trusts (e) New York (continued)	(000)	Value	
Metropolitan Transportation Authority, Refunding RB, Series C-1, 5.25%, 11/15/56	\$ 1,700	\$ 1,932,271	
New York City Transitional Finance Authority, Refunding RB, Future Tax Secured, Series B,	, , , , , , , , , , , , , , , , , , ,		
5.00%, 11/01/30	12,500	14,457,125	
New York State Urban Development Corp., RB, Personal Income Tax, General Purpose, Series	5 500	(
A-1, 5.00%, 3/15/43 Dort Authority of New York & New Jarsey, Defunding DD, Consolidated 108th Series 5.25%	5,720	6,328,322	
Port Authority of New York & New Jersey, Refunding RB, Consolidated, 198th Series, 5.25%, 11/15/56	2,561	2,949,453	
Triborough Bridge & Tunnel Authority, RB, General, Series A-2, 5.25%, 11/15/34 (f)	4,500	4,804,380	
······································	,	,	
		53,343,635	
Ohio 0.2%			
State of Ohio, RB, Cleveland Clinic Health Obligated Group, Series B, 5.50%, 1/01/34	620	664,398	
Pennsylvania 1.7%			
County of Westmoreland Pennsylvania Municipal Authority, Refunding RB (BAM), 5.00%,	1.020	1 10(500	
8/15/42	1,020	1,126,509	
Pennsylvania Turnpike Commission, RB, Sub-Series A, 5.50%, 12/01/42	4,997	5,710,680	
		6 027 100	
South Carolina 1.3%		6,837,189	
South Carolina 1.5% South Carolina Public Service Authority, Refunding RB, Series A 5.50%, 1/01/19 (a)(f)	601	650,417	
State of South Carolina Public Service Authority, Refunding RB, Series B, 5.00%, 12/01/56	4,260	4,561,992	
	.,200	·, •///=	
		5,212,409	
Texas 2.4%		3,212,107	
City of Houston Texas, Refunding RB, Airport System, Senior Lien, Series A, 5.50%, 7/01/34	4,167	4,395,431	
County of Tarrant Texas Cultural Education Facilities Finance Corp., RB, Baylor Health Care			
System Project, Series A, 5.00%, 11/15/38	719	790,117	
County of Tarrant Texas Cultural Education Facilities Finance Corp., Refunding RB, Texas Health	2 0 2 0	1.0(0.100	
Resources System, Series A, 5.00%, 2/15/41	3,920	4,360,138	
		0 545 (0)	
Virginia 0.1%		9,545,686	
County of Fairfax Virginia IDA, Refunding RB, Health Care, Inova Health System:			
5.50%, 5/15/19 (a)	140	151,775	
5.50%, 5/15/35	260	281,979	
		433,754	
	Par	,	
Municipal Bonds Transferred to			
Tender Option Bond Trusts (e)	(000)	Value	
Washington 1.9%			
	\$ 3,494	\$ 3,595,244	
Washington Health Care Facilities Authority, Refunding RB, Seattle Children s Hospital,	2.210	0.505.050	
Series B, 5.00%, 10/01/38	3,210	3,737,852	
		7 222 00 1	
		7,333,096	
		7,333,096	
Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert & Community		7,333,096	
Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert & Community Health, Inc., Obligated Group:	3,520		
Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert & Community Health, Inc., Obligated Group: Series A, 5.00%, 4/01/42	3,520 2,500	7,333,096 3,789,632 2,627,700	
Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert & Community Health, Inc., Obligated Group: Series A, 5.00%, 4/01/42		3,789,632	
Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert & Community Health, Inc., Obligated Group: Series A, 5.00%, 4/01/42		3,789,632 2,627,700	
Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert & Community Health, Inc., Obligated Group: Series A, 5.00%, 4/01/42 Series C, 5.25%, 4/01/39		3,789,632	
Wisconsin 1.6% Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert & Community Health, Inc., Obligated Group: Series A, 5.00%, 4/01/42 Series C, 5.25%, 4/01/39 Total Municipal Bonds Transferred to Tender Option Bond Trusts 48.2%		3,789,632 2,627,700	

(Cost \$594,094,193) 160.5%

Short-Term Securities	Shares	
BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.50% (g)(h)	9,844,770	9,846,739
Total Short-Term Securities		
(Cost \$9,846,348) 2.5%		9,846,739
Total Investments (Cost \$603,940,541) 163.0%		642,125,605
Other Assets Less Liabilities 0.3%		1,349,034
Liability for TOB Trust Certificates, Including Interest		
Expense and Fees Payable (28.0)%		(110,141,570)
Loan for TOB Trust (0.5)%		(2,249,213)
VMTP Shares at Liquidation Value (34.8)%		(137,200,000)
Net Assets Applicable to Common Shares 100.0%		\$ 393,883,856

Notes to Schedule of Investments

- (a) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) Step-up bond that pays an initial coupon rate for the first period and then a higher coupon rate for the following periods. Rate as of period end.
- (c) Zero-coupon bond.

(d) When-issued security.

- (e) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Trust. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details.
- (f) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Trust could ultimately be required to pay under the agreements, which expire between April 1, 2017 to December 1, 2029, is \$12,093,907. See Note 4 of the Notes to Financial Statements for details.

See Notes to Financial Statements.

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BlackRock Municipal Income Quality Trust (BYM)

(g) During the six months ended February 28, 2017, investments in issuers considered to be an affiliate of the Trust for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

						Net		
Affiliate	Shares Held at August 31, 2016	Net Activity	Shares Held at February 28, 2017	Value at February 28, 2017	Income	Realized Gain ¹	Change in Unrealized Appreciatio	d
BlackRock Liquidity Funds, MuniCash, Institutional	l							
Class	3,605,050	6,239,720	9,844,770	\$ 9,846,739	\$ 9,516	\$ 4,322	\$ 391	1
¹ Includes net capital gain distributions.								

(h) Current yield as of period end.

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

Contracts			Notional	Unrealized Appreciation
Short	Issue	Expiration	Value	(Depreciation)
(78)	5-Year U.S. Treasury Note	June 2017	\$ 9,180,844	\$ 9,418
(221)	10-Year U.S. Treasury Note	June 2017	\$ 27,531,766	1,480
(178)	Long U.S. Treasury Bond	June 2017	\$ 26,994,812	(131,874)
(22)	Ultra U.S. Treasury Bond	June 2017	\$ 3,559,187	(33,418)
Total				\$ (154,394)

Derivative Financial Instruments Categorized by Risk Exposure

As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

		Commodity		Equity	Foreign Currency Exchange	Interest Rate	Other	
Assets Derivative F	inancial Instruments	Contracts	Contracts	Contracts	Contracts	Contracts	Contracts	Total
Futures contracts	Net unrealized appreciation ¹					\$ 10,898		\$ 10,898
Liabilities Derivati	ve Financial Instruments							
Futures contracts	Net unrealized depreciation ¹					\$ 165,292		\$ 165,292
¹ Includes cumulative	¹ Includes cumulative appreciation (depreciation) on futures contracts, if any, as reported in the Schedule of Investments. Only current day s variation margin							

is reported within the Statements of Assets and Liabilities. For the six months ended February 28, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

				Foreign				
				Currency	Interest			
	Commodity	Credit	Equity	Exchange	Rate	Other		
Net Realized Gain (Loss) from:	Contracts	Contracts	Contracts	Contracts	Contracts	Contracts	Total	
Futures contracts					\$ 1,894,502		\$ 1.894.502	

Net Change in Unrealized Appreciation (Depreciation) on: Futures contracts

(Depretation) on		
Futures contracts	\$ (185,324)	\$ (185,324)

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:		
Average notional value of contracts	long	\$ 1,088,117 ¹
Average notional value of contracts	short	\$ 44,247,297
¹ Actual amounts for the period are s	shown due to limited outstanding derivative financial instruments as of each quarter end.	
For more information about the Trust	t s investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.	

See Notes to Financial Statements.

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FEBRUARY 28, 2017

BlackRock Municipal Income Quality Trust (BYM)

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Trust s policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Trust s investments and derivative financial instruments categorized in the disclosure hierarchy:

	Level 1	Level 2	Level 3		Total
Assets:					
Investments:					
Long-Term Investments ¹		\$ 632,278,866		\$ 6	32,278,866
Short-Term Securities	\$ 9,846,739				9,846,739
Total	\$ 9,846,739	\$ 632,278,866		\$ 6	42,125,605
Derivative Financial Instruments ²					
Assets:					
Interest rate contracts	\$ 10,898			\$	10,898
Liabilities:					
Interest rate contracts	(165,292)				(165,292)
Total	\$ (154,394)			\$	(154,394)

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

² Derivative financial instruments are futures contracts which are valued at the unrealized appreciation (depreciation) on the instrument.

The Trust may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Liabilities:				
TOB Trust Certificates		\$ (109,945,937)		\$ (109,945,937)
Loan for TOB Trust Certificates		(2,249,213)		(2,249,213)
VMTP Shares at Liquidation Value		(137,200,000)		(137,200,000)
Total		\$ (249,395,150)		\$ (249,395,150)

During the six months ended February 28, 2017, there were no transfers between levels.

See Notes to Financial Statements.

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Schedule of Investments February 28, 2017 (Unaudited)

BlackRock Municipal Income Trust II (BLE)

(Percentages shown are based on Net Assets)

	Par		
	1 41		
Municipal Bonds	(000)	Value	
Alabama 2.6%			
County of Jefferson Alabama, RB, Limited Obligation School, Series A, 5.25%, 1/01/19	\$ 1,620	\$ 1,626,269	
County of Jefferson Alabama Sewer, Refunding RB:	5.40	500 (12	
Senior Lien, Series A (AGM), 5.00%, 10/01/44	540	599,643	
Senior Lien, Series A (AGM), 5.25%, 10/01/48 Sub-Lien, Series D, 7.00%, 10/01/51	1,320 3,220	1,485,977 3,886,057	
Lower Alabama Gas District, RB, Series A, 5.00%, 9/01/46	1,170	1,349,279	
Lower Alabama Gas District, KD, Series A, 5.00%, 5/01/40	1,170	1,349,279	
		0.045.005	
		8,947,225	
Arizona 2.7%			
City of Phoenix Arizona IDA, RB, Legacy Traditional Schools Projects, Series A, 5.00%, 7/01/46	1 0 2 5	1 914 452	
(a) Selt Vende Eineneiel Com. BD. Senier	1,825	1,814,452	
Salt Verde Financial Corp., RB, Senior: 5.00%, 12/01/32	5,635	6,373,523	
5.00%, 12/01/32	1,000	1,137,010	
5.00 /0, 12/01/57	1,000	1,157,010	
		9,324,985	
California 11.1%			
Bay Area Toll Authority, Refunding RB, San Francisco Bay Area Toll Bridge, Series F-1,	2 400	2716270	
5.63%, 4/01/19 (b) California Usalth Essilities Einspains Authonity, DD, Sutter Usalth, Series D, 6,00%, 8/15/42	2,480	2,716,270	
California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 8/15/42 California Health Facilities Financing Authority, Refunding RB, St. Joseph Health System, Series	3,500	3,982,615	
A, 5.00%, 7/01/33	1,365	1,536,649	
California Municipal Finance Authority, RB, Senior, Caritas Affordable Housing, Inc. Projects,	1,505	1,550,049	
S/F Housing, Series A:			
5.25%, 8/15/39	160	175,607	
5.25%, 8/15/49	395	431,107	
California Municipal Finance Authority, Refunding RB, Community Medical Centers, Series A:	070	101,107	
5.00%, 2/01/36	345	379,855	
5.00%, 2/01/37	260	285,589	
California Pollution Control Financing Authority, RB, Poseidon Resources (Channel Side) LP			
Desalination Project, AMT, 5.00%, 11/21/45 (a)	1,655	1,716,467	
California Statewide Communities Development Authority, RB, Loma Linda University Medical			
Center, Series A, 5.00%, 12/01/46 (a)	685	709,605	
City of Los Angeles California Department of Airports, Refunding ARB, Los Angeles			
International Airport, Series A:			
Senior, 5.00%, 5/15/40	6,500	7,185,360	
5.25%, 5/15/39	860	931,982	
City of Stockton California Public Financing Authority, RB, Delta Water Supply Project, Series A,	200	454.042	
6.25%, 10/01/38	380	454,043	
San Marcos Unified School District, GO, CAB, Election of 2010, Series B (c): 0.00%, 8/01/33	2 000	1 557 780	
0.00%, 8/01/33	3,000 2,500	1,557,780 747,775	
State of California, GO, Various Purposes:	2,500	141,113	
6.00%, 3/01/33	1,760	1,993,992	
6.50%, 4/01/33	10,645	11,850,333	
State of California Public Works Board, LRB, Various Capital Projects:	-,	-, 0,000	
Series I, 5.00%, 11/01/38	825	924,107	
Sub-Series I-1, 6.38%, 11/01/19 (b)	1,280	1,458,675	
		39,037,811	
Colorado 0.7%		57,057,011	
Colorado Health Facilities Authority, Refunding RB, Catholic Health Initiative, Series A,			
5.50%, 7/01/34	2,330	2,419,402	
	Par	, · ,	
Municipal Bonds	(000)	Value	
manapar Donus	(000)	, and	

Connecticut 3.3%			
Connecticut State Health & Educational Facility Authority, RB:			
Ascension Health Senior Credit, Series A, 5.00%, 11/15/40	\$ 1,005	\$ 1,072,405	
Yale University Issue, Series T-1, 4.70%, 7/01/29	5,180	5,247,703	
Yale University Issue, Series X-3, 4.85%, 7/01/37	5,130	5,194,022	
		11,514,130	
Delaware 2.0%		11,514,150	
County of Sussex Delaware, RB, NRG Energy, Inc., Indian River Power LLC Project, 6.00%,			
10/01/40	1,240	1,332,851	
Delaware Transportation Authority, RB, 5.00%, 6/01/55	1,260	1,369,028	
State of Delaware EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45	4,275	4,426,976	
2	.,	.,,,	
		7 100 055	
		7,128,855	
District of Columbia 4.9%			
District of Columbia, Refunding RB:	165	520.270	
Georgetown University, 5.00%, 4/01/35	465 465	529,370 527,668	
Georgetown University, 5.00%, 4/01/36	465 540	527,668 607.862	
Georgetown University, 5.00%, 4/01/42 Kipp Charter School, Series A, 6.00%, 7/01/43	820	941,672	
District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed,	820	941,072	
6.75%, 5/15/40	11,500	11,744,375	
Metropolitan Washington Airports Authority, Refunding RB, Dulles Toll Road, 1st Senior Lien,	11,500	11,744,575	
Series A:			
5.00%, 10/01/39	550	591,387	
5.25%, 10/01/44	2,000	2,158,980	
5.25 %, 10/01/11	2,000	2,150,500	
		17,101,314	
Florida 5.4%			
City of Atlantic Beach Florida, RB, Health Care Facilities, Fleet Landing Project, Series B,		1.551.070	
5.63%, 11/15/43	1,445	1,574,862	
City of Jacksonville Florida Port Authority, Refunding RB, AMT, 5.00%, 11/01/38	1,665	1,778,320	
County of Collier Florida Health Facilities Authority, Refunding RB, Series A, 5.00%, 5/01/45	1,450	1,570,162	
County of Miami-Dade Florida Aviation, Refunding, AMT, Miami International Airport,	1 (05	1 700 016	
5.25%, 10/01/38	1,625	1,708,216	
County of Miami-Dade Florida Aviation, Refunding ARB, Miami International Airport, Series	1 255	1 204 541	
A-1, 5.38%, 10/01/41 County of Miami-Dade Florida Water & Sewer System, RB, (AGM), 5.00%, 10/01/39	1,255 5,000	1,384,541 5,517,250	
Mid-Bay Bridge Authority, RB, Springing Lien, Series A, 7.25%, 10/01/21 (b) Stevens Plantation Community Development District, RB, Special Assessment, Series A,	3,300	4,142,127	
7.10%, 5/01/35 (d)(e)	1,795	1,255,656	
7.10 <i>%</i> , 5/01/55 (u)(c)	1,795	1,233,030	
		18,931,134	
Georgia 0.5%			
County of Gainesville Georgia & Hall Hospital Authority, Refunding RB, Northeast Georgia			
Health System, Inc. Project, Series A, 5.50%, 8/15/54	555	639,438	
DeKalb Private Hospital Authority, Refunding RB, Children s Healthcare, 5.25%, 11/15/39	915	996,691	
		1,636,129	

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

FEBRUARY 28, 2017

BlackRock Municipal Income Trust II (BLE)

	Par	
Municipal Bonds	(000)	Value
Hawaii 0.5%		
State of Hawaii Harbor System, RB, Series A, 5.25%, 7/01/30	\$ 1,480	\$ 1,622,124
Idaho 0.3%		
Idaho Health Facilities Authority, RB, Trinity Health Credit Group, 5.00%, 12/01/46	805	895,063
Illinois 19.9%		
City of Chicago IL, GO, Refunding, Project, Series A, 5.25%, 1/01/32	4,940	4,874,545
City of Chicago Illinois, GO, Project, Series A, 5.00%, 1/01/34	3,050	2,912,689
City of Chicago Illinois O Hare International Airport, GARB, 3rd Lien:		
Series A, 5.75%, 1/01/39	5,000	5,626,700
Series C, 6.50%, 1/01/21 (b)	6,430	7,676,198
City of Chicago Illinois Transit Authority, RB, Sales Tax Receipts, 5.25%, 12/01/40	1,150	1,226,533
City of Chicago Illinois Waterworks, Refunding RB, 2nd Lien Project, 5.00%, 11/01/42	3,130	3,316,673
County of Cook Illinois Community College District No. 508, GO, City College of Chicago,		
5.50%, 12/01/38	845	907,969
Illinois Finance Authority, Refunding RB:		
Ascension Health, Series A, 5.00%, 11/15/37	1,060	1,160,308
Central Dupage Health, Series B, 5.50%, 11/01/39	1,750	1,925,560
Presence Health Network, Series C, 4.00%, 2/15/41	1,545	1,290,770
Illinois Sports Facilities Authority, RB, State Tax Supported (AMBAC), 5.50%, 6/15/30	7,445	7,633,284
Illinois State Toll Highway Authority, RB:		
Senior, Series C, 5.00%, 1/01/36	2,815	3,098,189
Senior, Series C, 5.00%, 1/01/37	3,005	3,300,842
Series A, 5.00%, 1/01/38	2,160	2,378,873
Metropolitan Pier & Exposition Authority, Refunding RB, McCormick Place Expansion Project:		
Series B (AGM), 5.00%, 6/15/50	6,725	7,012,763
Series B-2, 5.00%, 6/15/50	2,725	2,737,944
Railsplitter Tobacco Settlement Authority, RB:		
5.50%, 6/01/23	520	587,064
6.00%, 6/01/28	1,255	1,426,169
State of Illinois, GO:		
5.00%, 2/01/39	1,640	1,635,605
Series A, 5.00%, 4/01/35	2,500	2,505,100
Series A, 5.00%, 4/01/38	3,885	3,869,771
State of Illinois, RB, Build Illinois, Series B, 5.25%, 6/15/19 (b)	685	749,089
University of Illinois, RB, Auxiliary Facilities System, Series A:		
5.00%, 4/01/39	860	928,035
5.00%, 4/01/44	1,050	1,129,674
		69,910,347
Indiana 4.8%		~, , , , , , , , , , , , , , , , , , ,
City of Valparaiso Indiana, RB, Exempt Facilities, Pratt Paper LLC Project, AMT:		
6.75%, 1/01/34	845	996,956
7.00%, 1/01/44	3,535	4,211,811
Indiana Finance Authority, RB, Series A:	0,000	.,===,0==
CWA Authority Project, 1st Lien, 5.25%, 10/01/38	3,510	3,960,719
Private Activity Bond, Ohio River Bridges East End Crossing Project, AMT, 5.00%, 7/01/44	485	508,440
Private Activity Bond, Ohio River Bridges East End Crossing Project, AMT, 5.00%, 7/01/48	1,610	1,687,811
	Par	1,007,011
Municipal Bonds	(000)	Value
Indiana (continued)	(000)	v aruc
Indiana Finance Authority, RB, Series A (continued):		
Private Activity Bond, Ohio River Bridges East End Crossing Project, AMT, 5.25%, 1/01/51	\$ 435	\$ 461,814
Sisters of St. Francis Health Services, 5.25%, 11/01/39	915	986,343
Indiana Finance Authority, Refunding RB, Marquette Project, 4.75%, 3/01/32	1,180	1,173,734
Indiana Municipal Power Agency, RB, Series B, 6.00%, 1/01/19 (b)	1,180	1,308,972
Indiana Mullepar Fower Agency, KB, Series B, 6.00%, 101719 (b) Indianapolis Local Public Improvement Bond Bank, RB, Series A, 5.00%, 1/15/40	1,380	1,531,662
manufous Sour Fuore Improvement Dong Dank, (D), Octos P, 50070, 115/10	1,500	1,001,002

16,828,262

Iowa 2.0%			
Iowa Finance Authority, Refunding RB, Midwestern Disaster Area, Iowa Fertilizer Co. Project:			
5.00%, 12/01/19	520	520,661	
5.50%, 12/01/22	2,550	2,564,637	
5.25%, 12/01/25	500	502,950	
5.88%, 12/01/26 (a)	445	450,264	
Iowa Student Loan Liquidity Corp., Refunding RB, Student Loan, Senior Series A-1, AMT,			
5.15%, 12/01/22	1,215	1,287,949	
Iowa Tobacco Settlement Authority, Refunding RB, Asset-Backed, Series C, 5.63%, 6/01/46	1,610	1,609,871	
	1,010	1,009,071	
		(02(222	
Vartuslar 0.00		6,936,332	
Kentucky 0.6%			
Kentucky Economic Development Finance Authority, RB, Catholic Health Initiatives, Series A,	1.0(0	1 000 170	
5.25%, 1/01/45	1,060	1,098,170	
Kentucky Public Transportation Infrastructure Authority, RB, Downtown Crossing Project,	1.000	1 0 10 5 16	
Convertible CAB, 1st Tier, Series C, 0.00%, 7/01/43 (f)	1,280	1,043,546	
		2,141,716	
Louisiana 2.8%			
Louisiana Local Government Environmental Facilities & Community Development Authority, RB,			
Westlake Chemical Corp. Project, Series A-1, 6.50%, 11/01/35	3,650	4,165,636	
Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A:			
5.50%, 5/15/30	1,100	1,178,507	
5.25%, 5/15/31	935	1,004,798	
5.25%, 5/15/32	1,195	1,297,662	
5.25%, 5/15/33	1,300	1,405,248	
5.25%, 5/15/35	795	863,815	
		9,915,666	
Maryland 1.3%		9,913,000	
Maryland EDC, RB, Transportation Facilities Project, Series A, 5.75%, 6/01/35	475	510,112	
Maryland EDC, Refunding RB, CNX Marine Terminals, Inc., 5.75%, 9/01/25	800	790,792	
	800	190,192	
Maryland Health & Higher Educational Facilities Authority, RB, Trinity Health Credit Group,	455	507 142	
Series 2017, 5.00%, 12/01/46 Maryland Health & Higher Educational Facilities Authority, Refunding RB, Charlestown Community	455	507,143	
Project, 6.25%, 1/01/21 (b)	2,400	2,838,768	
Project, 0.25%, 1/01/21 (0)	2,400	2,838,708	
		4,646,815	
Massachusetts 1.5%			
Commonwealth of Massachusetts, GO, Series E, 3.00%, 4/01/44	3,105	2,633,537	

See Notes to Financial Statements.

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BlackRock Municipal Income Trust II (BLE)

	Par	
Municipal Bonds	(000)	Value
Massachusetts (continued)	(***)	
Massachusetts Development Finance Agency, Refunding RB, Covanta Energy Project, Series C,		
AMT, 5.25%, 11/01/42 (a)	\$ 1,530	\$ 1,536,227
Massachusetts Health & Educational Facilities Authority, Refunding RB, Partners Healthcare System,		
Series J1, 5.00%, 7/01/39	955	1,027,723
		5,197,487
Aichigan 2.7%		
City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A,	4 925	5 202 (((
.25%, 7/01/39 Kolomagaa Haarital Financa Authority, Dafunding DD, Branson Mathadiat Haarital	4,825	5,203,666
Kalamazoo Hospital Finance Authority, Refunding RB, Bronson Methodist Hospital:	830	938,954
.50%, 5/15/20 (0)	670	731,238
Archigan Finance Authority, Refunding RB:	070	751,250
Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44	940	998,694
Ienry Ford Health System, 4.00%, 11/15/46	1,540	1,492,999
		9,365,551
Ainnesota 0.2%		7,505,551
Annesota Higher Education Facilities Authority, RB, Augsburg College, Series A, 5.00%, 5/01/46	670	711,319
Aissouri 2.0%		, ,
70/Missouri Bottom Road/Taussig Road Transportation Development District, RB, 7.20%, 5/01/33	6,000	5,092,800
Bi-State Development Agency of the Missouri-Illinois Metropolitan District, Refunding RB,		
Combined Lien, Series A, 5.00%, 10/01/44	275	303,113
tate of Missouri Health & Educational Facilities Authority, RB, Senior Living Facilities, Lutheran		
enior Services, 5.50%, 2/01/42	1,135	1,194,327
State of Missouri Health & Educational Facilities Authority, Refunding RB, St. Louis College of	265	20(212
Pharmacy Project, 5.50%, 5/01/43	265	286,242
		6,876,482
Aulti-State 2.0%		
Centerline Equity Issuer Trust (a): Series A-4-2, 6.00%, 5/15/19	3,500	3,796,625
Series B-3-2, 6.30%, 5/15/19	3,000	3,273,330
CITCS D-5-2, 0.50 //, 5/15/17	5,000	5,275,550
		7.000.055
Vebraska 1.6%		7,069,955
Central Plains Energy Project Nebraska, RB, Gas Project No. 3:		
.25%, 9/01/37	895	971,916
.00%, 9/01/42	1,570	1,661,233
County of Lancaster Nebraska Hospital Authority No. 1, Refunding RB, Immanuel Obligation Group,	-,	-,,
Iealth Facilities, 5.63%, 1/01/40	1,245	1,349,256
County of Sarpy Nebraska Hospital Authority No. 1, Refunding RB, Immanuel Obligation Group,		
.63%, 1/01/40	1,635	1,738,594
		5,720,999
New Jersey 8.4%		
asino Reinvestment Development Authority, Refunding RB:		
.25%, 11/01/39	1,805	1,800,108
.25%, 11/01/44	1,640	1,620,992
County of Essex New Jersey Improvement Authority, RB, AMT, 5.25%, 7/01/45 (a)	1,165	1,151,369
	Par	
Aunicipal Bonds	(000)	Value
New Jersey (continued)		
Jew Jersey EDA, RB, Continental Airlines, Inc. Project, AMT:	±	
1.88%, 9/15/19	\$ 670	\$ 696,646
5.13%, 9/15/23	2,130	2,252,326

5 5			
5.25%, 9/15/29	2,130	2,244,147	
New Jersey EDA, Refunding RB, Special Assessment, Kapkowski Road Landfill Project, 6.50%,			
4/01/28	7,475	8,634,298	
New Jersey State Turnpike Authority, RB:			
Series A, 5.00%, 1/01/43	2,160	2,373,905	
Series E, 5.00%, 1/01/45	2,810	3,121,151	
New Jersey Transportation Trust Fund Authority, RB:			
Transportation Program, Series AA, 5.00%, 6/15/44	1,355	1,355,623	
Transportation Program, Series AA, 5.00%, 6/15/44	730	730,387	
Transportation System, Series B, 5.25%, 6/15/36	2,690	2,735,246	
Rutgers The State University of New Jersey, Refunding RB, Series L, 5.00%, 5/01/43	570	635,499	
		29,351,697	
New York 7.3%			
City of New York New York Transitional Finance Authority, RB, Fiscal 2012, Sub-Series E-1,			
5.00%, 2/01/42	2,680	2,992,568	
Counties of New York Tobacco Trust IV, Refunding RB, Settlement Pass-Through Turbo, Series A,			
6.25%, 6/01/41 (a)	2,000	2,077,040	
County of Westchester New York Healthcare Corp., RB, Senior Lien, Series A, 5.00%, 11/01/44	819	862,131	
Metropolitan Transportation Authority, RB, Series B:			
5.25%, 11/15/38	2,555	2,918,168	
5.25%, 11/15/39	910	1,038,719	
Metropolitan Transportation Authority Hudson Rail Yards Trust Obligations, Refunding RB, Series			
A, 5.00%, 11/15/56	1,135	1,221,952	
New York Liberty Development Corp., Refunding RB:			
2nd Priority, Bank of America Tower at One Bryant Park Project, Class 3, 6.38%, 7/15/49	1,335	1,453,575	
3 World Trade Center Project, Class 1, 5.00%, 11/15/44 (a)	4,320	4,514,443	
3 World Trade Center Project, Class 2, 5.15%, 11/15/34 (a)	365	390,503	
3 World Trade Center Project, Class 2, 5.38%, 11/15/40 (a)	910	987,823	
New York Transportation Development Corp., Refunding RB, American Airlines, Inc., AMT:			
5.00%, 8/01/26	675	709,594	
5.00%, 8/01/31	1,620	1,686,388	
Niagara Area Development Corp., Refunding RB, Solid Waste Disposal Facility, Covanta Energy	1.1.45	1 150 015	
Project, Series A, AMT, 5.25%, 11/01/42 (a)	1,145	1,152,317	
Port Authority of New York & New Jersey, ARB, JFK International Air Terminal LLC Project,			
Series 8:	1 (25	1 927 740	
6.00%, 12/01/42	1,635	1,837,740	
Special Project, 6.00%, 12/01/36	1,410	1,588,774	
		25,431,735	
North Carolina 1.4%			
North Carolina Capital Facilities Finance Agency, Refunding RB, Solid Waste Disposal Facility, Duke Energy Carolinas Project, Series B, 4.63%, 11/01/40	1,000	1,062,380	
North Carolina Medical Care Commission, RB, Health Care Facilities, Duke University Health System, Series A, 5.00%, 6/01/19 (b)	1,525	1,659,185	
5) seni, 5enes A, 5.00 %, 0/01/17 (0)	1,525	1,057,105	

See Notes to Financial Statements.

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FEBRUARY 28, 2017

BlackRock Municipal Income Trust II (BLE)

	Par		
Municipal Bonds	(000)	Value	
North Carolina (continued)	(000)	Value	
North Carolina Medical Care Commission, Refunding RB, 1st Mortgage:			
Aldersgate, 6.25%, 7/01/35	\$ 1,530	\$ 1,675,304	
Retirement Facilities Whitestone Project, Series A, 7.75%, 3/01/41	625	688,037	
		5,084,906	
Ohio 3.5%			
Buckeye Tobacco Settlement Financing Authority, RB, Asset-Backed, Senior Turbo Term, Series A-2, 5.88%, 6/01/47	3,550	3,415,313	
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38	3,405	3,677,264	
County of Franklin Ohio, RB:			
Health Care Facilities Improvement, OPRS Communities Obligation Group, Series A, 6.13%, 7/01/40	710	779,012	
Trinity Health Credit Group, Series 2017, 5.00%, 12/01/46	435	482,493	
County of Montgomery Ohio, Refunding RB, Catholic Health, Series A, 5.00%, 5/01/39	3,025	3,128,062	
State of Ohio, RB, Portsmouth Bypass Project, AMT, 5.00%, 6/30/53	870	915,362	
		12,397,506	
Pennsylvania 2.9%			
Allentown Neighborhood Improvement Zone Development Authority, Refunding RB, Series A, 5.00%, 5/01/42	2,500	2,593,200	
City of Philadelphia Pennsylvania Hospitals & Higher Education Facilities Authority, RB, Temple			
University Health System, Series A, 5.63%, 7/01/42	685	731,094	
Pennsylvania Economic Development Financing Authority, RB:	2.065	2 224 207	
Aqua Pennsylvania, Inc. Project, Series B, 5.00%, 11/15/40	2,065	2,234,206	
Pennsylvania Bridge Finco LP, AMT, 5.00%, 6/30/42 Pennsylvania Turnpike Commission, RB, Series A, 5.00%, 12/01/44	3,030 1,190	3,254,250 1,298,469	
Puerto Rico 0.9% Children s Trust Fund, Refunding RB, Tobacco Settlement Asset-Backed Bonds, 5.50%, 5/15/39	2,000	10,111,219 2,007,600	
Children s Trust Fund Tobacco Settlement, Refunding RB, Asset-Backed Bonds, 5.63%, 5/15/43	1,100	1,101,430	
		3,109,030	
Rhode Island 2.2%			
Tobacco Settlement Financing Corp., Refunding RB:	1 (00	1 77 4 000	
Series A, 5.00%, 6/01/35	1,690	1,774,990	
Series B, 4.50%, 6/01/45	2,850	2,743,923	
Series B, 5.00%, 6/01/50	3,175	3,209,004	
		7,727,917	
South Carolina 3.7%			
State of South Carolina Ports Authority, RB:		0.007.000	
5.25%, 7/01/40	3,595	3,925,668	
AMT, 5.25%, 7/01/55	1,390	1,505,662	
State of South Carolina Public Service Authority, RB, Santee Cooper, Series A, 5.50%, 12/01/54	3,575	4,005,287	
State of South Carolina Public Service Authority, Refunding RB, Series E, 5.25%, 12/01/55	3,385	3,692,223	
	Par	13,128,840	
	1 41		
Municipal Bonds	(000)	Value	
Tennessee 0.7%			
City of Chattanooga Tennessee Health Educational & Housing Facility Board, RB, Catholic Health Initiatives, Series A, 5.25%, 1/01/45	\$ 1,470	\$ 1,520,656	
Metropolitan Government of Nashville & Davidson County Health & Educational Facilities Board, PR Vondarbilt University Medical Center, Series A, 5,00%, 7/01/40	740	815.076	
RB, Vanderbilt University Medical Center, Series A, 5.00%, 7/01/40	/40	815,976	

		2,336,632
Texas 11.4%		
Central Texas Regional Mobility Authority, Refunding RB:		
Senior Lien, 6.25%, 1/01/21 (b)	2,350	2,774,786
Sub-Lien, 5.00%, 1/01/33	390	416,399
City of Austin Texas Airport System, ARB, Revenue, AMT, 5.00%, 11/15/39	665	725,781
City of Dallas Texas Waterworks & Sewer System Revenue, Refunding RB, 5.00%, 10/01/20 (b)	765	863,708
City of Houston Texas Airport System, Refunding ARB:		
enior Lien, Series A, 5.50%, 7/01/39	1,675	1,764,328
Jnited Airlines, Inc. Terminal E Project, AMT, 5.00%, 7/01/29	460	483,193
City of Houston Texas Combined Utility System Revenue, Refunding RB, Combined 1st Lien, Series A (AGC):		
.00%, 5/15/19 (b)	8,665	9,601,167
.00%, 11/15/35	480	530,443
County of Harris Texas Cultural Education Facilities Finance Corp., RB, 1st Mortgage, Brazos		
Presbyterian Homes, Inc. Project, Series B, 7.00%, 1/01/23 (b)	485	609,432
County of Harris Texas-Houston Sports Authority, Refunding RB, 3rd Lien, Series A-3 (NPFGC),		
.00%, 11/15/36 (c)	25,375	8,937,582
County of Midland Texas Fresh Water Supply District No. 1, RB, CAB, City of Midland Projects,		
leries A, 0.00%, 9/15/37 (c)	6,055	2,515,368
County of Tarrant Texas Cultural Education Facilities Finance Corp., RB, Scott & White		
Healthcare, 6.00%, 8/15/20 (b)	4,085	4,734,760
exas Private Activity Bond Surface Transportation Corp., RB, Senior Lien:		
BJ Infrastructure Group LLC, 7.00%, 6/30/40	3,000	3,425,190
TE Mobility Partners LLC, North Tarrant Express Managed Lanes Project, 6.88%, 12/31/39	2,250	2,543,243
		39,925,380
Jtah 0.8%		39,923,380
alt Lake City Corp. Airport Revenue, RB, Series A, AMT, 5.00%, 7/01/47	2,065	2,286,347
Jtah State Charter School Finance Authority, RB, Ogden Preparatory Academy, Series A,	2,005	2,280,347
	125	276 571
.25%, 10/15/42	435	376,571
		2,662,918
/irginia 1.2%		
/irginia Small Business Financing Authority, RB, Senior Lien, Elizabeth River Crossings OpCo LC Project, AMT:		
.25%, 1/01/32	1,755	1,880,833
.00%, 1/01/37	2,120	2,375,524
		4,256,357
Washington 3.3%		4,230,337
City of Bellingham Washington Water & Sewer, RB, 5.00%, 8/01/36	5,050	5,615,398
ity of Dennighant washington water & Sewer, KB, 3.00%, 6/01/30	5,050	5,015,570

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BlackRock Municipal Income Trust II (BLE)

	Par			
Municipal Bonds	(000)		Value	
Washington (continued)				
Grant County Public Utility District No. 2, Refunding RB, Series A, 5.00%, 1/01/43	\$ 2,335	\$	2,604,903	
Port of Seattle Washington, RB, Series C, AMT, 5.00%, 4/01/40	815		893,012	
Washington Health Care Facilities Authority, RB, Catholic Health Initiatives, Series A,				
5.75%, 1/01/45	2,445		2,632,800	
			11,746,113	
Wisconsin 0.8%			11,7 10,110	
State of Wisconsin Health & Educational Facilities Authority, RB, Ascension Health Senior Credit				
Group, Series E, 5.00%, 11/15/33	910		985,794	
Wisconsin Health & Educational Facilities Authority, Refunding RB, Medical College of				
Wisconsin, Inc., 4.00%, 12/01/46	1,955		1,962,703	
			2,948,497	
Wyoming 1.5%			2,940,497	
County of Sweetwater Wyoming, Refunding RB, Idaho Power Co. Project, Remarketing, 5.25%,				
7/15/26	3.355		3,658,560	
Wyoming Municipal Power Agency, Inc., RB, Series A, 5.50%, 1/01/18 (b)	1,550		1,611,364	
wyonning Municipal Fower Agency, Inc., KD, Selles A, 5.50%, 1/01/18 (b)	1,550		1,011,504	
			5,269,924	
Total Municipal Bonds 125.4%			439,367,774	

Municipal Bonds Transferred to

Tender Option Bond Trusts (g)			
Alabama 0.5%			
Auburn University, Refunding RB, Series A, 4.00%, 6/01/41	1,820	1,871,033	
California 6.5%			
California Educational Facilities Authority, RB, University of Southern California, Series B, 5.25%, 10/01/18 (b)(h)	2,850	3,049,215	
City & County of San Francisco California Public Utilities Commission, RB, Water Revenue, Series B, 5.00%, 11/01/19 (b)	10,335	11,415,524	
Los Angeles Community College District California, GO, Election of 2001, Series A (AGM), 5.00%, 8/01/17 (b)	2,530	2,577,083	
Sacramento Area Flood Control Agency, Refunding, Consolidated Capital Assessment District No.2, Series A, 5.00%, 10/01/47	3,345	3,790,471	
San Diego Community College District California, GO, Election of 2002, 5.25%, 8/01/19 (b)	1,840	2,025,898	
		22,858,191	
Colorado 2.1%			
Colorado Health Facilities Authority, RB, Catholic Health (AGM) (b):			
Series C-3, 5.10%, 4/29/18	4,230	4,440,273	
Series C-7, 5.00%, 5/01/18	2,710	2,842,167	
		7,282,440	
Georgia 1.4%			
Private Colleges & Universities Authority, Refunding RB, Emory University, Series C, 5.00%, 9/01/18 (b)	4,638 Par	4,925,409	
Municipal Bonds Transferred to			
Tender Option Bond Trusts (g)	(000)	Value	
Massachusetts 0.8%			
Massachusetts School Building Authority, RB, Senior, Series B, 5.00%, 10/15/41 New Hampshire 0.7%	\$ 2,461	\$ 2,768,217	
New Hampshire Health & Education Facilities Authority, RB, Dartmouth College, 5.25%, 6/01/19 (b)(h)	2,219	2,426,019	
New York 12.6%			

City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer

en y of the Tork the Tork thanelpar that of Thanker Thanking, Refanding RB, that is benef			
System, 2nd General Resolution:			
Series FF-2, 5.50%, 6/15/40	1,710	1,869,064	
Series HH, 5.00%, 6/15/31 (h)	9,150	10,318,638	
Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (h)	1,750	1,988,590	
Metropolitan Transportation Authority, Refunding RB, Series C-1, 5.25%, 11/15/56	5,120	5,819,547	
New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated			
Bonds, 5.25%, 12/15/43	11,670	13,196,031	
New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project,			
5.75%, 11/15/51 (h)	7,040	8,034,748	
Port Authority of New York & New Jersey, Refunding ARB, 194th Series, 5.25%, 10/15/55	2,790	3,181,856	
	, í		
		44 400 454	
		44,408,474	
North Carolina 0.9%			
North Carolina Capital Facilities Finance Agency, Refunding RB, Duke University Project, Series			
B, 5.00%, 10/01/55	2,740	3,075,020	
Pennsylvania 0.8%			
Pennsylvania Turnpike Commission, RB, Sub-Series A, 5.50%, 12/01/42	2,521	2,881,064	
Texas 3.1%			
City of San Antonio Texas Public Service Board, RB, Electric & Gas Systems, Junior Lien,			
5.00%, 2/01/43	2,660	2,966,645	
County of Harris Texas Metropolitan Transit Authority, Refunding RB, Series A, 5.00%, 11/01/41	3,720	4,154,756	
University of Texas, Refunding RB, Financing System, Series B, 5.00%, 8/15/43	3,347	3,773,148	
		10,894,549	
Utah 1.2%		10,894,949	
City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41	3,959	4,196,909	
Virginia 1.8%	3,939	4,190,909	
8	5 000	(215 (72	
University of Virginia, Refunding RB, GO, 5.00%, 6/01/18 (b)	5,909	6,215,673	
Washington 3.4%	2.020	2 116 006	
Central Puget Sound Regional Transit Authority, RB, Series A (AGM), 5.00%, 11/01/17 (b)	3,029	3,116,906	
State of Washington, GO, Various Purposes, Series E, 5.00%, 2/01/19 (b)	8,113	8,733,147	
		11,850,053	
Total Municipal Bonds Transferred to			
Tender Option Bond Trusts 35.8%		125,653,051	
Total Long-Term Investments		- , ,	
		575 000 005	
(Cost \$532,437,694) 161.2%		565,020,825	

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

FEBRUARY 28, 2017

BlackRock Municipal Income Trust II (BLE)

Short-Term Securities	Shares	Value
BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.50% (i)(j)	2,508,870	\$ 2,509,371
Total Short-Term Securities		
(Cost \$2,509,048) 0.7%		2,509,371
Total Investments (Cost \$534,946,742) 161.9%		567,530,196
Other Assets Less Liabilities 1.9%		6,409,511
Liability for TOB Trust Certificates, Including Interest		
Expense and Fees Payable (20.6)%		(72,164,512)
VMTP Shares at Liquidation Value (43.2)%		(151,300,000)
Net Assets Applicable to Common Shares 100.0%		\$ 350,475,195

Notes to Schedule of Investments

- (a) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933, as amended. These securities may be resold in transactions exempt from registration to qualified institutional investors.
- (b) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (c) Zero-coupon bond.
- (d) Non-income producing security.
- (e) Issuer filed for bankruptcy and/or is in default.
- (f) Step-up bond that pays an initial coupon rate for the first period and then a higher coupon rate for the following periods. Rate as of period end.
- (g) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Trust. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details.
- (h) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Trust could ultimately be required to pay under the agreements, which expire between June 1, 2017 to November 15, 2019, is \$14,496,613. See Note 4 of the Notes to Financial Statements for details.
- (i) During the six months ended February 28, 2017, investments in issuers considered to be an affiliate of the Trust for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares Held at August 31, 2016	Net Activity	Shares Held at February 28, 2017	Value at February 28, 2017	Income	Net Realized Gain ¹	Unre	inge in ealized eciation
BlackRock Liquidity Funds, MuniCash, Institutional								
Class	3,509,584	(1,000,714)	2,508,870	\$ 2,509,371	\$ 7,565	\$ 797	\$	323
¹ Includes net capital gain distributions.								

(j) Current yield as of period end.

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

Contracts			Notional	Unrealized Appreciation
Short	Issue	Expiration	Value	(Depreciation)
(105)	5-Year U.S. Treasury Note	June 2017	\$ 12,358,828	\$ 13,705
(143)	10-Year U.S. Treasury Note	June 2017	\$ 17,814,672	2,625
(120)	Long U.S. Treasury Bond	June 2017	\$ 18,198,750	(86,753)
(31)	Ultra U.S. Treasury Bond	June 2017	\$ 5,015,219	(33,805)
Total				\$ (104,228)

See Notes to Financial Statements.

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SEMI-ANNUAL REPORT

BlackRock Municipal Income Trust II (BLE)

Derivative Financial Instruments Categorized by Risk Exposure As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

Assets Derivative F	inancial Instruments	Commodity Contracts		Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total	
Futures contracts	Net unrealized appreciation ¹					\$ 16,330		\$ 16,330	
Liabilities Derivativ	ve Financial Instruments								
Futures contracts	Net unrealized depreciation ¹					\$ 120,558		\$ 120,558	
1 Includes compulative	annuagistion (domessistion) on futu	maa aamtmaata a	a non-antad in	the Cabadul	a of Inviortence	nto Only orange	mt day a yamir	tion monain is	

¹ Includes cumulative appreciation (depreciation) on futures contracts as reported in the Schedule of Investments. Only current day s variation margin is reported within the Statements of Assets and Liabilities.

For the six months ended February 28, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

Net Realized Gain (Loss) from:	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
Futures contracts	contracts	Contracts	Contracts	contracts	\$ 1,356,784	contracts	\$ 1,356,784
Net Change in Unrealized Appreciation (Depreciation on:	n)						+ -,,
Futures contracts					\$ (130,999)		\$ (130,999)
Average Quarterly Balances of Outstanding Derivat	ive Financial	Instruments	5				
Futures contracts:							
Average notional value of contracts short For more information about the Trust s investment risk	s regarding de	rivative fina	ncial instrum	ents, refer to t	he Notes to Fina	ancial Statem	\$ 31,991,867 ents.

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Trust s policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Trust s investments and derivative financial instruments categorized in the disclosure hierarchy:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 565,020,825		\$ 565,020,825
Short-Term Securities	\$ 2,509,371			2,509,371
Total	\$ 2,509,371	\$ 565,020,825		\$ 567,530,196

Derivative Financial Instruments ²		
Assets:		
Interest rate contracts	\$ 16,330	\$ 16,330
Liabilities:		
Interest rate contracts	(120,558)	(120,558)
Total	\$ (104,228)	\$ (104,228)

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

² Derivative financial instruments are futures contracts which are valued at the unrealized appreciation (depreciation) on the instrument.

The Trust may hold assets and/or liabilities in which the fair value approximates the carrying for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Liabilities:				
TOB Trust Certificates		\$ (72,040,526)		\$ (72,040,526)
VMTP Shares at Liquidation Value		(151,300,000)		(151,300,000)
Total		\$ (223,340,526)		\$ (223,340,526)

During the six months ended February 28, 2017, there were no transfers between levels.

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

FEBRUARY 28, 2017

Schedule of Investments February 28, 2017 (Unaudited)

BlackRock MuniHoldings Investment Quality Fund (MFL)

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
Alabama 3.5%		
City of Birmingham Alabama Special Care Facilities Financing Authority, RB, Children s Hospital (AGC) (a):		
6.00%, 6/01/19	\$ 10,995	\$ 12,194,115
6.13%, 6/01/19	4,980	5,536,963
City of Selma Alabama IDB, RB, Gulf Opportunity Zone, International Paper Co. Project, Series A,	,	
5.38%, 12/01/35	1,745	1,937,055
	-,	-,
		19,668,133
Arizona 0.5%		
University of Arizona Board of Regents, Refunding RB, Series A, 5.00%, 6/01/40	2,300	2,584,050
California 23.1%		
California Educational Facilities Authority, RB, University of Southern California, Series A,		
5.25%, 10/01/18 (a)	5,000	5,349,500
California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 8/15/42	5,370	6,110,469
Chabot-Las Positas Community College District, GO, Refunding, 4.00%, 8/01/37	10,000	10,333,300
City & County of San Francisco California Airports Commission, Refunding ARB, AMT, Series A:		
2nd, 5.50%, 5/01/28	3,330	3,850,113
2nd, 5.25%, 5/01/33	2,600	2,887,144
5.00%, 5/01/44	3,430	3,740,141
City of Los Angeles California Department of Water & Power, RB, Power System, Sub-Series A-1,		
5.25%, 7/01/38	5,000	5,281,050
City of Manteca California Financing Authority, RB, Manteca Sewer (AGC):	- ,	-) -)
5.63%, 12/01/33	2,450	2,708,328
5.75%, 12/01/36	3,285	3,623,651
City of San Jose California, Refunding ARB, Series A-1, AMT, 5.75%, 3/01/34	4,450	5,044,787
County of Sacramento California, ARB, Senior Series A (AGC), 5.50%, 7/01/18 (a)	5,600	5,948,936
Irvine Ranch Water District, Special Assessment Bonds, 5.25%, 2/01/46	7,000	8,284,570
Kern Community College District, GO, Safety, Repair & Improvement, Series C, 5.50%, 11/01/33	4,365	5,141,795
Metropolitan Water District of Southern California, Refunding RB, Series A, 5.00%, 7/01/32	5,625	6,631,537
Redondo Beach Unified School District, GO, Election of 2008, Series E, 5.50%, 8/01/21 (a)	3,110	3,662,025
San Diego Public Facilities Financing Authority Water, Refunding RB, Series B (AGC),	5,110	5,002,025
5.38%, 8/01/19 (a)	2,000	2,208,500
State of California, GO, Various Purposes (AGC), 5.50%, 11/01/39	15,000	16,517,100
State of California Public Works Board, LRB, Various Capital Projects, Series I:	15,000	10,517,100
	4 500	5 242 615
5.50%, 11/01/30	4,500	5,343,615
5.50%, 11/01/31	2,615	3,094,617
5.50%, 11/01/33	2,000	2,361,440
State of California Public Works Board, RB, Department of Corrections & Rehabilitation, Series F,	2 240	2 702 227
5.25%, 9/01/33	3,240	3,793,327
Township of Washington California Health Care District, GO, Election of 2004, Series B, 5.50%,	1 (95	1 074 500
	1,685	1,974,500
University of California, Refunding RB, The Regents of Medical Center, Series J, 5.25%, 5/15/38	12,250	14,070,840
		127,961,285
	Par	
Municipal Bonds	(000)	Value
Colorado 2.2%		
City & County of Denver Colorado Airport System, ARB, Series A, AMT:		
5.50%, 11/15/28	\$ 2,700	\$ 3,070,197
5.50%, 11/15/30	1,040	1,174,888
5.50%, 11/15/31	1,250	1,409,513
Colorado Health Facilities Authority, RB, Hospital, NCMC, Inc. Project, Series B (AGM),		
6.00%, 5/15/19 (a)	5,925	6,562,411
		12 217 000
		12,217,009
District of Columbia 0.6%	2.000	2 241 710
District of Columbia Water & Sewer Authority, Refunding RB, Series A, 6.00%, 10/01/18 (a)	3,000	3,241,710
Florida 7.3%		

City of Jacksonville Florida, Refunding RB, Series A, 5.25%, 10/01/33	1,250	1,434,763	
County of Hillsborough Florida Aviation Authority, Refunding ARB, Tampa International Airport,			
Series A, AMT:			
5.50%, 10/01/29	5,360	6,059,212	
5.25%, 10/01/30	3,255	3,618,974	
County of Lee Florida, Refunding ARB, Series A, AMT, 5.38%, 10/01/32	7,100	7,888,597	
County of Lee Florida HFA, RB, S/F Housing, Multi-County Program, Series A-2, AMT			
(Ginnie Mae), 6.00%, 9/01/40	575	580,313	
County of Manatee Florida HFA, RB, S/F Housing, Series A, AMT (Ginnie Mae, Fannie Mae &			
Freddie Mac), 5.90%, 9/01/40	270	273,896	
County of Miami-Dade Florida, RB, Seaport Department:			
Series A, 5.38%, 10/01/33	3,145	3,551,523	
Series B, AMT, 6.25%, 10/01/38	1,405	1,666,063	
Series B, AMT, 6.00%, 10/01/42	1,885	2,173,367	
County of Miami-Dade Florida, Refunding RB, Water & Sewer System, Series B, 5.25%, 10/01/29	2,870	3,318,036	
County of Miami-Dade Florida Aviation, Refunding ARB, Series A, AMT, 5.00%, 10/01/31	5,465	5,970,676	
Reedy Creek Improvement District, GO, Series A, 5.25%, 6/01/32	3,225	3,717,554	
		40,252,974	
Hawaii 1.9%		10,202,971	
State of Hawaii, Department of Transportation, COP, AMT:			
5.25%, 8/01/25	1,350	1,522,220	
5.25%, 8/01/26	2,500	2,796,625	
State of Hawaii, Department of Transportation, RB, Series A, AMT, 5.00%, 7/01/45	5,985	6,445,246	
	0,000	0,110,210	
		10,764,091	
Illinois 19.0%			
City of Chicago Illinois Midway International Airport, Refunding ARB, 2nd Lien, Series A, AMT:	6 500	F 252 205	
5.50%, 1/01/30	6,500	7,353,385	
5.50%, 1/01/32	6,275	7,027,498	
City of Chicago Illinois Midway International Airport, Refunding GARB, 2nd Lien, Series A,	0.000	0.505.000	
5.00%, 1/01/41	8,020	8,505,290	
City of Chicago Illinois O Hare International Airport, GARB, 3rd Lien:			
	= 205		
Series A, 5.75%, 1/01/39	7,395	8,321,889	
Series A, 5.75%, 1/01/39 Series C, 6.50%, 1/01/21 (a) City of Chicago Illinois O Hare International Airport, RB, Senior Lien, Series D, 5.25%, 1/01/42	7,395 16,800 2,630	8,321,889 20,056,008 3,000,856	

See Notes to Financial Statements.

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BlackRock MuniHoldings Investment Quality Fund (MFL)

	Par	
Municipal Bonds	(000)	Value
Illinois (continued)		
City of Chicago Illinois Transit Authority, RB:		
Pederal Transit Administration, Section 5309, Series A (AGC), 6.00%, 12/01/18 (a)	\$ 6,000	\$ 6,527,340
ales Tax Receipts, 5.25%, 12/01/40	10,960	11,689,388
ity of Chicago Illinois Transit Authority, Refunding RB, Federal Transit Administration,		
ection 5309 (AGM), 5.00%, 6/01/28	7,735	8,110,612
ounty of Cook Illinois Community College District No. 508, GO, City College of Chicago,		
50%, 12/01/38	1,500	1,611,780
linois Finance Authority, RB, Carle Foundation, Series A, 6.00%, 8/15/41	4,000	4,542,560
ailsplitter Tobacco Settlement Authority, RB:	,	
50%, 6/01/23	4,365	4,927,954
00%, 6/01/28	1,245	1,414,806
tate of Illinois, GO, 5.50%, 7/01/33	2,500	2,607,025
tate of Illinois Finance Authority, RB, University of Chicago, Series B, 5.50%, 7/01/18 (a)	9,000	9,558,270
		105,254,661
ndiana 4.6%		
ndiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges, Series A, AMT,		
00%, 7/01/40	1,240	1,299,929
ndiana Finance Authority, Refunding RB, Stadium Project, Series A, 5.25%, 2/01/37	3,130	3,597,998
idiana Municipal Power Agency, Refunding RB, Series A:		
25%, 1/01/32	1,500	1,700,010
25%, 1/01/33	1,500	1,693,530
idiana University, Refunding RB, Series A, 5.00%, 6/01/41	1,830	2,103,128
idianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A	1,050	2,103,120
AGC):		
.50%, 1/01/19 (a)	2,760	2,987,093
	,	
50%, 1/01/38	11,345	12,118,842
		25,500,530
Kansas 0.9%		
ounty of Wyandotte Unified School District No. 500 Kansas City, GO, Improvement, Series A,		
.50%, 9/01/47	4,000	4,751,960
Centucky 0.1%	1,000	1,701,200
ientucky State Property & Building Commission, Refunding RB, Project No. 93, (AGC):		
	355	383,382
.25%, 2/01/19 (a)		,
25%, 2/01/27	45	48,206
		431,588
ouisiana 1.0%		
ity of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC):		
eries A-1, 6.00%, 1/01/23	500	540,995
eries A-2, 6.00%, 1/01/23	720	777,658
obacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29	3,735	3,946,961
		5,265,614
Iassachusetts 1.1%		5,205,014
lassachusetts Development Finance Agency, Refunding RB, Partners Healthcare System,		5 001 111
00%, 7/01/41	4,710	5,201,441
assachusetts Educational Financing Authority, RB, Education Loan, Issue I, AMT, 5.00%,		
01/27	1,000	1,115,110
		6,316,551
	Par	0,010,001
Iunicipal Bonds	(000)	Valuo
•	(000)	Value
lichigan 3.6%		
ity of Detroit Michigan Water Supply System Revenue, RB, 2nd Lien, Series B (AGM):		• • • • • • • • • •
.25%, 7/01/19 (a)	\$ 6,310	\$ 7,055,968
25%, 7/01/36	10	10,795
Iudsonville Michigan Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41	6,015	6,697,101

Royal Oak Michigan Hospital Finance Authority, Refunding RB, William Beaumont Hospital,			
Series V, 8.25%, 9/01/18 (a)	5,780	6,408,806	
		20,172,670	
Minnesota 1.6%			
City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC), 6.50%, 11/15/38	8,375	9,036,458	
Mississippi 2.9%	0,010	,,	
Mississippi Development Bank, RB, Jackson Water & Sewer System Project (AGM):			
6.88%, 12/01/40	6,405	8,164,261	
Special Obligation, 6.75%, 12/01/31	3,775	4,782,623	
Special Obligation, 6.75%, 12/01/33	2,350	2,977,262	
Special Obligation, 0.7570, 12/01/55	2,550	2,977,202	
		15,924,146	
Nevada 4.3%			
County of Clark Nevada, ARB, Las Vegas-McCarran International Airport, Series A (AGM),			
5.25%, 7/01/39	11,175	12,115,041	
County of Clark Nevada, GO, Limited Tax, 5.00%, 6/01/38	11,245	11,716,053	
		23,831,094	
New Jersey 6.3%			
New Jersey EDA, RB, Goethals Bridge Replacement Project, AMT, Private Activity Bond:			
5.38%, 1/01/43	7,000	7,409,640	
(AGM), 5.00%, 1/01/31	2,425	2,656,078	
New Jersey Health Care Facilities Financing Authority, RB, Virtua Health, Series A (AGC), 5.50%, 7/01/38	6,500	7,011,550	
New Jersey Higher Education Student Assistance Authority, Refunding RB, Series 1, AMT,			
5.75%, 12/01/28	3,215	3,500,910	
New Jersey Transportation Trust Fund Authority, RB, Transportation System:	,		
Series A, 5.50%, 6/15/41	5,410	5,563,536	
Series AA, 5.50%, 6/15/39	8,175	8,504,698	
New York 10.4%		34,646,412	
City of New York New York Municipal Water Finance Authority, Refunding RB:			
2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40	7,500	8,157,225	
	,		
Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43	3,475	3,923,032	
Water & Sewer System, Series FF-2, 5.50%, 6/15/40	4,000	4,372,080	
Metropolitan Transportation Authority, RB:	4.000	4.520.720	
Series A, 5.25%, 11/15/38	4,000	4,539,720	
Series A-1, 5.25%, 11/15/39	4,490	5,102,930	
Metropolitan Transportation Authority, Refunding RB:	6.4.40		
Series B, 5.00%, 11/15/37	6,140	6,941,208	
Series C-1, 5.25%, 11/15/56	5,410	6,149,601	
Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series,			
5.25%, 7/15/36	10,000	11,182,200	
Triborough Bridge & Tunnel Authority, RB, Series A, 5.00%, 11/15/38	1,750	2,012,640	

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

FEBRUARY 28, 2017

BlackRock MuniHoldings Investment Quality Fund (MFL)

Municipal Bonds	Par (000)	Value	
New York (continued) Triborough Bridge & Tunnel Authority, Refunding RB, Series B, 5.00%, 11/15/38	\$ 4,500	\$ 5,175,360	
		57,555,996	
Ohio 1.5%			
State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1:	5 1 4 5	5 004 401	
5.25%, 2/15/31	5,145	5,884,491	
5.25%, 2/15/32	2,250	2,562,750	
		8,447,241	
Pennsylvania 4.4%	10.570	01 171 171	
Pennsylvania Turnpike Commission, RB, Sub-Series A, 5.50%, 12/01/46	18,570	21,171,471	
Township of Bristol Pennsylvania School District, GO, 5.25%, 6/01/37	3,000	3,313,890	
		24,485,361	
South Carolina 6.6%	(= = =	5 5 00 00 /	
County of Charleston South Carolina, RB, Special Source, 5.25%, 12/01/38 County of Charleston South Carolina Airport District, ARB, Series A, AMT:	6,735	7,730,904	
5.25%, 7/01/25	4,490	5,094,354	
5.50%, 7/01/38	3,000	3,325,830	
6.00%, 7/01/38	5,270	5,993,940	
5.50%, 7/01/41	4,170	4,630,410	
South Carolina Ports Authority, RB, AMT, 5.25%, 7/01/50	3,445	3,735,000	
State of South Carolina Public Service Authority, Refunding RB, Series E, 5.25%, 12/01/55	5,500	5,999,180	
		36,509,618	
Texas 13.3%			
City of Beaumont Texas, GO, Certificates of Obligation, 5.25%, 3/01/37 City of Houston Texas Combined Utility System Revenue, Refunding RB, Combined 1st Lien,	4,190	4,749,114	
Series A (AGC):			
6.00%, 5/15/19 (a)	12,030	13,329,721	
6.00%, 5/15/19 (a)	8,940	9,905,878	
6.00%, 11/15/35	670	740,410	
6.00%, 11/15/36	495 265	547,020	
5.38%, 11/15/38 County of Tarrant Texas Cultural Education Facilities Finance Corp., Refunding RB, Christus	203	285,906	
Health, Series A (AGC), 6.50%, 7/01/37	1,450	1,558,866	
Dallas-Fort Worth International Airport, ARB, Joint Improvement, AMT:			
Series A, 5.00%, 11/01/38	5,580	5,911,452	
Series H, 5.00%, 11/01/37	4,575	4,909,204	
Lower Colorado River Authority, Refunding RB, 5.50%, 5/15/33	3,735	4,290,245	
North Texas Tollway Authority, Refunding RB, 1st Tier:		6 242 754	
(AGM), 6.00%, 1/01/43	5,555	6,343,754	
Series K-1 (AGC), 5.75%, 1/01/19 (a) Red River Education Financing Corp., RB, Texas Christian University Project, 5.25%, 3/15/38	12,150 7,170	13,193,320 8,072,918	
Red River Education Financing Corp., RB, 16xas Christian University Froject, 5.25%, 5/15/36	7,170	8,072,918	
		73,837,808	
Virginia 1.2%	1.750	1.022.120	
City of Lexington Virginia IDA, RB, Washington & Lee University, 5.00%, 1/01/43	1,750	1,933,138	
Virginia Public School Authority, RB, Fluvanna County School Financing, 6.50%, 12/01/18 (a)	4,300	4,719,164	
	Par	6,652,302	
Municipal Bonds	(000)	Value	
Washington 1.5%	(000)	value	
City of Seattle Washington Municipal Light & Power, Refunding RB, Series A, 5.25%, 2/01/36	\$ 4,200	\$ 4,692,912	
State of Washington, GO, Various Purposes, Series B, 5.25%, 2/01/36	3,290	3,699,901	
	2,270	0,000,001	

8,392,813

Total Municipal Bonds 123.4%

683,702,075

Municipal Bonds Transferred to			
Tender Option Bond Trusts (b)			
Alabama 8.1%			
City of Birmingham Alabama Special Care Facilities Financing Authority, Refunding RB, Senior			
Credit:			
Ascension Health, Series C, 5.00%, 11/15/46	11,920	13,497,851	
Ascension Group, Series B, 5.00%, 11/15/46	27,798	31,383,733	
		44,881,584	
California 5.1%			
Los Angeles Unified School District California, GO, Series I, 5.00%, 1/01/34	2,400	2,601,816	
State of California, GO, Refunding, Various Purposes, 4.00%, 9/01/34	13,790	14,332,361	
University of California, Refunding RB, 5.00%, 5/15/38	10,000	11,477,700	
		28,411,877	
Florida 2.0%		28,411,877	
County of Hillsborough Florida Aviation Authority, ARB, Tampa International Airport, Series A,			
	10 657	11 242 420	
AMT (AGC), 5.50%, 10/01/38 Indiana 1.9%	10,657	11,242,420	
Indiana Health & Educational Facilities Financing Authority, Refunding RB, St. Francis, Series E	0.950	10.254.200	
(AGM), 5.25%, 5/01/18 (a)	9,850	10,354,320	
Massachusetts 2.8%	15 000	15 222 (00	
Commonwealth of Massachusetts, GO, Series G, 4.00%, 9/01/42	15,000	15,333,600	
Nevada 2.5%			
County of Clark Nevada Water Reclamation District, GO (a):	0.000	9,540,440	
Limited Tax, 6.00%, 7/01/18	8,000	8,549,440	
Series B, 5.50%, 7/01/19	5,008	5,521,325	
		14,070,765	
New Jersey 3.4%			
New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC, 5.25%, 10/01/29	7,402	7,664,890	
New Jersey Transportation Trust Fund Authority, RB, Transportation System:			
Series A (AMBAC), 5.00%, 12/15/32	8,000	8,188,000	
Series B, 5.25%, 6/15/36 (c)	2,961	3,010,478	
		18,863,368	
New York 12.2%		10,005,500	
City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer			
System, 2nd General Resolution, Series FF-2, 5.50%, 6/15/40	4,995	5,459,635	
City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-3,	4,775	3,437,033	
5.25%, 1/15/39	5,619	6.003,999	
Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (c)	9,249	10,511,117	
riudson rarus milastructure Corp., KD, riscar 2012, Sches A, 3.1370, 2/13/47 (C)	9,249	10,511,117	

See Notes to Financial Statements.

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SEMI-ANNUAL REPORT

BlackRock MuniHoldings Investment Quality Fund (MFL)

Municipal Bonds Transferred to Tender Option Bond Trusts (b)	Par (000)	Value
New York (continued)	(000)	Value
New York City Transitional Finance Authority Future Tax Secured Revenue, RB, Fiscal 2017, Sub-Series B-1, 5.00%, 8/01/40	\$ 5,000	\$ 5,692,250
New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated Bonds, 5.25%, 12/15/43	13,950	15,774,176
New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project,	15,950	13,774,170
5.75%, 11/15/51 (c)	8,200	9.358,656
New York State Dormitory Authority, ERB, Personal Income Tax, Series B, 5.25%, 3/15/38	13,500	14,537,745
	,	
		67.337,578
Texas 7.5%		01,001,010
City of San Antonio Texas Public Service Board, Refunding RB, Series A, 5.25%, 2/01/19 (a)(c)	12,027	12,974,347
North Texas Tollway Authority, RB, Special Projects System, Series A, 5.50%, 9/01/41	9,640	11,002,614
State of Texas, GO, Texas Transportation Commission, Highway Improvement, 5.00%, 4/01/43	15,550	17,716,115
		41,693,076
Municipal Bonds Transferred to	Par	41,693,076
Tender Option Bond Trusts (b)	Par (000)	41,693,076 Value
Tender Option Bond Trusts (b) Utah 2.8%	(000)	Value
Tender Option Bond Trusts (b) Utah 2.8% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41	(000) \$ 6,373	Value \$ 6,756,389
Tender Option Bond Trusts (b) Utah 2.8%	(000)	Value
Tender Option Bond Trusts (b) Utah 2.8% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41	(000) \$ 6,373	Value \$ 6,756,389
Tender Option Bond Trusts (b) Utah 2.8% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41	(000) \$ 6,373	Value \$ 6,756,389
Tender Option Bond Trusts (b) Utah 2.8% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 County of Utah Utah, RB, IHS Health Services, Inc., Series B, 5.00%, 5/15/46 Total Municipal Bonds Transferred to	(000) \$ 6,373	Value \$ 6,756,389 8,486,400 15,242,789
Tender Option Bond Trusts (b) Utah 2.8% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 County of Utah Utah, RB, IHS Health Services, Inc., Series B, 5.00%, 5/15/46 Total Municipal Bonds Transferred to Tender Option Bond Trusts 48.3%	(000) \$ 6,373	Value \$ 6,756,389 8,486,400 15,242,789 267,431,377
Tender Option Bond Trusts (b) Utah 2.8% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 County of Utah Utah, RB, IHS Health Services, Inc., Series B, 5.00%, 5/15/46 Total Municipal Bonds Transferred to Tender Option Bond Trusts 48.3% Total Investments (Cost \$898,565,237) 171.7%	(000) \$ 6,373	Value \$ 6,756,389 8,486,400 15,242,789 267,431,377 267,133,452 951,133,452
Tender Option Bond Trusts (b) Utah 2.8% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 County of Utah Utah, RB, IHS Health Services, Inc., Series B, 5.00%, 5/15/46 Total Municipal Bonds Transferred to Tender Option Bond Trusts 48.3% Total Investments (Cost \$898,565,237) 171.7% Other Assets Less Liabilities 2.0%	(000) \$ 6,373	Value \$ 6,756,389 8,486,400 15,242,789 267,431,377
Tender Option Bond Trusts (b) Utah 2.8% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 County of Utah Utah, RB, IHS Health Services, Inc., Series B, 5.00%, 5/15/46 Total Municipal Bonds Transferred to Tender Option Bond Trusts 48.3% Total Investments (Cost \$898,565,237) 171.7% Other Assets Less Liabilities 2.0% Liability for TOB Trust Certificates, Including Interest	(000) \$ 6,373	Value \$ 6,756,389 8,486,400 15,242,789 267,431,377 267,431,377 951,133,452 11,291,257 11,291,257
Tender Option Bond Trusts (b) Utah 2.8% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 County of Utah Utah, RB, IHS Health Services, Inc., Series B, 5.00%, 5/15/46 Total Municipal Bonds Transferred to Tender Option Bond Trusts 48.3% Total Investments (Cost \$898,565,237) 171.7% Other Assets Less Liabilities 2.0% Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (24.2)%	(000) \$ 6,373	Value \$ 6,756,389 8,486,400 15,242,789 267,431,377 267,431,377 951,133,452 11,291,257 (134,181,105)
Tender Option Bond Trusts (b) Utah 2.8% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 County of Utah Utah, RB, IHS Health Services, Inc., Series B, 5.00%, 5/15/46 Total Municipal Bonds Transferred to Tender Option Bond Trusts 48.3% Total Investments (Cost \$898,565,237) 171.7% Other Assets Less Liabilities 2.0% Liability for TOB Trust Certificates, Including Interest	(000) \$ 6,373	Value \$ 6,756,389 8,486,400 15,242,789 267,431,377 267,431,377 951,133,452 11,291,257 11,291,257

Notes to Schedule of Investments

- (a) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Trust. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details.
- (c) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Trust could ultimately be required to pay under the agreements, which expire between September 6, 2018 to November 15, 2019, is \$19,874,974. See Note 4 of the Notes to Financial Statements for details. During the six months ended February 28, 2017, investments in issuers considered to be an affiliate of the Trust for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

						Net	Change in
	Shares Held		Shares Held	Value at			Unrealized
	at August 31,	Net	at February 28,	February 28,		Realized	Appreciation
Affiliate	2016	Activity	2017	2017	Income	Gain ¹	(Depreciation)

BlackRock Liquidity Funds, MuniCash,				
Institutional Class	3,476,692	(3,476,692)	\$ 9,655	\$ 1,790
¹ Includes net capital gain distributions.				

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

Contracts		Notional	Unrealized Appreciation
Short	Issue	Expiration Value	(Depreciation)
(165)	5-Year U.S. Treasury Note	June 2017 \$ 19,421,016	\$ 21,163
(342)	10-Year U.S. Treasury Note	June 2017 \$42,605,719	9,253
(211)	Long U.S. Treasury Bond	June 2017 \$31,999,469	(152,269)
(38)	Ultra U.S. Treasury Bond	June 2017 \$ 6,147,687	(46,288)
Total			\$ (168,141)

See Notes to Financial Statements.

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FEBRUARY 28, 2017

BlackRock MuniHoldings Investment Quality Fund (MFL)

Derivative Financial Instruments Categorized by Risk Exposure As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

Assets Derivative Fin	nancial Instruments	Commodity Contracts		Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
Futures contracts	Net unrealized appreciation ¹					\$ 30,416		\$ 30,416
Liabilities Derivative	e Financial Instruments							
Futures contracts	Net unrealized depreciation ¹					\$ 198,557		\$ 198,557
¹ Includes cumulative a	ppreciation (depreciation) on futures contra	cts, if any, as	reported in	the Schedu	le of Investm	nents. Only cu	irrent day s v	variation

¹ Includes cumulative appreciation (depreciation) on futures contracts, if any, as reported in the Schedule of Investments. Only current day s variation margin is reported within the Statements of Assets and Liabilities.

For the six months ended February 28, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

Net Realized Gain (Loss) from:	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total	
Futures contracts					\$ 2,220,727		\$ 2,220,727	
Net Change in Unrealized Appreciation (Depreciation) on:								
Futures contracts					\$ (218,551)		\$ (218,551)	

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:	
Average notional value of contracts short	\$ 59,430,563
For more information about the Trust s investment risks regarding derivative financial instruments, refer to the Notes to Financial Stater	nents.

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Trust s policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Trust s investments and derivative financial instruments categorized in the disclosure hierarchy:

	Level 1	Level 2	Level 3	,	Total
Assets:					
Investments:					
Long-Term Investments ¹		\$ 951,133,452		\$ 95	1,133,452
Derivative Financial Instruments ²					
Assets:					
Interest rate contracts	\$ 30,416			\$	30,416
Liabilities:					
Interest rate contracts	(198,557)				(198,557)

Total

\$ (168,141)

\$ (168,141)

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

² Derivative financial instruments are futures contracts which are valued at the unrealized appreciation (depreciation) on the instrument.

The Trust may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Liabilities:				
TOB Trust Certificates		\$ (133,899,769)		\$ (133,899,769)
VRDP Shares at Liquidation Value		(274,600,000)		(274,600,000)
Total		\$ (408,499,769)		\$ (408,499,769)

During the six months ended February 28, 2017, there were no transfers between levels.

See Notes to Financial Statements.

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SEMI-ANNUAL REPORT

Schedule of Investments February 28, 2017 (Unaudited)

BlackRock MuniVest Fund, Inc. (MVF)

(Percentages shown are based on Net Assets)

	Don		
Municipal Bonds	Par (000)	Value	
Alabama 1.9%			
City of Selma Alabama IDB, RB, Gulf Opportunity Zone, International Paper Co. Project, Series			
A:	¢ 1.950	¢ 2.055.202	
5.80%, 5/01/34	\$ 1,850	\$ 2,055,202	
5.38%, 12/01/35	1,000	1,110,060	
State of Alabama Docks Department, Refunding RB, 6.00%, 10/01/20 (a)	7,610	8,693,816	
		11,859,078	
	2 000	2 224 790	
City of Anchorage Alaska Electric Revenue, Refunding RB, Series A, 5.00%, 12/01/41	3,000	3,324,780	
Arizona 3.9%	2.500	2 521 975	
Arizona IDA, Refunding RB, Basis Schools, Inc. Projects, Series A, 5.38%, 7/01/50 (b)	2,500	2,531,875	
City of Phoenix Arizona Civic Improvement Corp., Refunding RB, Junior Lien, Series A, 5.00%, 7/01/40	2,000	2,176,720	
City of Phoenix Arizona IDA, RB, Candeo School, Inc. Project:			
6.63%, 7/01/33	2,245	2,507,126	
6.88%, 7/01/44	3,440	3,861,435	
City of Phoenix Arizona IDA, Refunding RB (b):			
Basis Schools, Inc. Projects, 5.00%, 7/01/35	600	603,210	
Basis Schools, Inc. Projects, 5.00%, 7/01/45	760	753,122	
Basis Schools, Inc. Projects, Series A, 5.00%, 7/01/35	1,125	1,131,019	
Legacy Traditional School Projects, 5.00%, 7/01/45	700	696,801	
County of Maricopa Arizona Pollution Control Corp., Refunding RB, Southern California Edison			
Co., Series A, 5.00%, 6/01/35	3,300	3,596,868	
Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37	5,725	6,509,382	
		24,367,558	
California 7.3%			
California Health Facilities Financing Authority, RB:			
St. Joseph Health System, Series A, 5.75%, 7/01/39	5,000	5,424,300	
Sutter Health, Series B, 6.00%, 8/15/42	5,600	6,372,184	
California Health Facilities Financing Authority, Refunding RB, Dignity Health, Series A,			
6.00%, 7/01/19 (a)	1,055	1,175,988	
City of Los Angeles California Department of Airports, Refunding ARB, Los Angeles			
International Airport, Series A, 5.25%, 5/15/39	1,200	1,300,440	
Golden Empire Schools Financing Authority, Refunding RB, Kern High School District Projects,	5 510	5 510 000	
1.12%, 5/01/17 (c)	5,710	5,710,000	
Los Angeles Community College District, GO, Refunding, Election of 2008, Series A,	0.505	10 535 240	
6.00%, 8/01/19 (a)	9,585	10,727,340	
Oakland Unified School District/Alameda County, GO, Series A, 5.00%, 8/01/40	1,000	1,126,480	
Poway Unified School District, GO, Refunding, CAB, School Facilities Improvement District	10.000	2 720 000	
No. 2007-1, Election of 2008, Series B, 0.00%, 8/01/46 (d)	10,000	2,730,900	
State of California, GO, Various Purposes, 6.50%, 4/01/33	9,675	10,770,500	
		45,338,132	
Colorado 0.7%	2	0.000	
Colorado Health Facilities Authority, RB, Catholic Health Initiatives, Series D, 6.25%, 10/01/33	2,500	2,669,650	
Copperleaf Metropolitan District No. 2, GO, Refunding, 5.75%, 12/01/45	1,000	1,020,300	
Municipal Bonds	Par (000)	Value	
Colorado (continued)			
Regional Transportation District, COP, Refunding, Series A, 5.38%, 6/01/31	\$ 385	\$ 424,282	
		4,114,232	
Connecticut 2.9%			
Connecticut State Health & Educational Facility Authority, RB, Yale University, Series Z3,			
5.05%, 7/01/42	12,000	12,163,440	
University of Connecticut, RB, Series A, 5.00%, 1/15/36	5,470	6,101,785	

		18,265,225	
Delaware 0.4%			
County of Sussex Delaware, RB, NRG Energy, Inc., Indian River Power LLC Project,		2 (07 200	
6.00%, 10/01/40	2,500	2,687,200	
District of Columbia 0.2%			
Metropolitan Washington Airports Authority, Refunding RB, Dulles Toll Road, 1st Senior Lien,			
Series A:			
5.00%, 10/01/39	415	446,229	
5.25%, 10/01/44	650	701,668	
		1,147,897	
Florida 9.3%		, ,,	
City of Jacksonville Florida, Refunding RB, Brooks Rehabilitation Project, 4.00%, 11/01/40	1,770	1,706,829	
City of Tampa Florida, RB, Baycare Health System, Series A, 4.00%, 11/15/46	2,345	2,355,670	
County of Miami-Dade Florida, GO, Building Better Communities Program (a):	· · ·	,,	
Series B, 6.38%, 7/01/18	4.630	4,969,194	
Series B-1, 5.63%, 7/01/18	5,000	5,316,400	
County of Miami-Dade Florida, Refunding RB, Transit System Sales Surtax, 5.00%, 7/01/42	3,750	4,146,375	
County of Miami-Dade Florida Aviation, Refunding ARB, Miami International Airport:	5,750	-,1-0,575	
Series A, AMT (AGC), 5.00%, 10/01/40	10,000	10,165,500	
Series A-1, 5.38%, 10/01/41	10,290	11,352,134	
County of Miami-Dade Florida Educational Facilities Authority, Refunding RB, University of	10,270	11,552,154	
Miami, Series A, 5.00%, 4/01/45	4,625	5,025,109	
County of Miami-Dade Florida Expressway Authority, RB, Toll System, Series A (AGM),	4,025	5,025,109	
5.00%, 7/01/35	8,900	9,785,995	
Lakewood Ranch Stewardship District, Special Assessment Bonds, Lakewood National & Polo	8,900	3,785,335	
Run Projects:			
4.63%, 5/01/27	255	254.472	
5.25%, 5/01/37	470	469,962	
5.38%, 5/01/47	770	771.432	
		,-	
Orange County Health Facilities Authority, Refunding RB, Series B, 5.00%, 10/01/44	1,000	1,092,310	
		57,411,382	
Georgia 1.4%			
City of Atlanta Georgia Department of Aviation, Refunding GARB, Series B, AMT, 5.00%,			
1/01/29	1,070	1,159,602	
County of DeKalb Georgia Hospital Authority, Refunding RB, DeKalb Medical Center, Inc.			
Project, 6.13%, 9/01/40	3,570	3,910,185	
DeKalb Private Hospital Authority, Refunding RB, Children s Healthcare, 5.25%, 11/15/39	3,335	3,632,749	
		8,702,536	
Hawaii 0.9%		6,702,530	
	5,000	5 516 750	
State of Hawaii Harbor System, RB, Series A, 5.50%, 7/01/35	5,000	5,516,750	

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

FEBRUARY 28, 2017

BlackRock MuniVest Fund, Inc. (MVF)

	Par		
Municipal Bonds	(000)	Value	
Illinois 10.7%			
City of Chicago Illinois, Refunding RB, Sales Tax Receipts, Series A, 5.00%, 1/01/41	\$ 4,640	\$ 4,715,447	
City of Chicago Illinois Transit Authority, RB, Sales Tax Receipts, 5.25%, 12/01/36	2,110	2,255,168	
City of Chicago Illinois Wastewater Transmission, Refunding RB, 2nd Lien, Series C,	1.000	1.0(1.950	
5.00%, 1/01/39	1,000	1,061,850	
City of Chicago Illinois Waterworks, Refunding RB, 2nd Lien (AGM), 5.25%, 11/01/33	1,330	1,379,130	
County of Cook Illinois Community College District No. 508, GO, University & College	5 000	5 299 100	
mprovements, 5.25%, 12/01/31 Ilinois Finance Authority, RB:	5,000	5,388,100	
	9,700	10 506 765	
Advocate Health Care Network, Series D, 6.50%, 11/01/18 (a) <i>Memorial Health System, Series A, 5.25%, 7/01/44</i>	1,785	10,596,765 1,888,298	
llinois Finance Authority, Refunding RB:	1,705	1,000,290	
Northwestern Memorial Hospital, Series A, 6.00%, 8/15/39	9,000	9,916,110	
DSF Healthcare System, 6.00%, 5/15/20 (a)	3,205	3,682,545	
SF Healthcare System, 6.00%, 5/15/39	1,785	1,963,339	
Presence Health Network, Series C, 4.00%, 2/15/41	2,205	1,842,167	
Presence Health Network, Series C, 5.00%, 2/15/41	3,600	3,630,852	
Railsplitter Tobacco Settlement Authority, RB, 6.00%, 6/01/28	2,645	3,005,752	
Regional Transportation Authority, RB:	2,015	5,005,752	
Series A (AMBAC), 7.20%, 11/01/20	1,595	1,790,930	
Series C (NPFGC), 7.75%, 6/01/20	2,865	3,185,708	
Village of Hodgkins Illinois, RB, Metropolitan Biosolids Management LLC Project, AMT,	2,000	0,200,700	
5.00%, 11/01/23	10,000	10,015,000	
		66 217 161	
ndiana 1.4%		66,317,161	
City of Valparaiso Indiana, RB, Exempt Facilities, Pratt Paper LLC Project, AMT, 6.75%, 1/01/34	2,250	2,654,618	
ndiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges, Series A, AMT,	2,230	2,034,018	
5.00%, 7/01/40	2,640	2,767,591	
ndiana Finance Authority, Refunding RB, Deaconess Health System, Series A, 5.00%, 3/01/39	3,000	3,300,900	
indiana Finance Autionty, Refunding RD, Deaconess ficatin System, Series A, 5.00%, 5/01/57	5,000	5,500,900	
		8,723,109	
owa 0.9%			
owa Finance Authority, Refunding RB, Midwestern Disaster Area, Iowa Fertilizer Co. Project,	4 500		
5.25%, 12/01/25	4,500	4,526,550	
owa Tobacco Settlement Authority, Refunding RB, Asset-Backed, CAB, Series B, 5.60%, 6/01/34	1,000	1,000,030	
		5,526,580	
Kansas 0.7%			
Wyandotte County-Kansas City Unified Government Utility System, RB, Series A, 5.00%, 9/01/40	3,700	4,113,956	
Kentucky 3.1%			
County of Louisville & Jefferson Kentucky Metropolitan Government, Refunding RB, Norton			
Healthcare, Inc., 4.00%, 10/01/35	1,585	1,570,576	
County of Owen Kentucky, RB, Kentucky American Water Co. Project, Series B, 5.63%, 9/01/39	1,000	1,076,020	
Kentucky Economic Development Finance Authority, Refunding RB, Hospital Facilities, St.			
Elizabeth Medical Center, Inc., Series A, 5.50%, 5/01/19 (a)		8,753,760	
	8,000	· · ·	
Junicipal Ponds	Par		
•		Value	
Kentucky (continued)	Par (000)	Value	
Kentucky (continued)	Par		
Kentucky (continued)	Par (000)	Value	
Kentucky (continued)	Par (000)	Value	
Kentucky (continued) exington-Fayette Urban County Airport Board, Refunding GARB, Series A, 5.00%, 7/01/19 (a).	Par (000)	Value \$ 7,632,730	
Xentucky (continued) .exington-Fayette Urban County Airport Board, Refunding GARB, Series A, 5.00%, 7/01/19 (a) Louisiana 3.3%	Par (000)	Value \$ 7,632,730	
 Kentucky (continued) Lexington-Fayette Urban County Airport Board, Refunding GARB, Series A, 5.00%, 7/01/19 (a) Louisiana 3.3% Louisiana Local Government Environmental Facilities & Community Development Authority, RB, 	Par (000)	Value \$ 7,632,730	
 Kentucky (continued) Lexington-Fayette Urban County Airport Board, Refunding GARB, Series A, 5.00%, 7/01/19 (a) Louisiana 3.3% Louisiana Local Government Environmental Facilities & Community Development Authority, RB, Westlake Chemical Corp. Project, Series A-1, 6.50%, 11/01/35 	Par (000) \$ 7,000	Value \$ 7,632,730 19,033,086	
 Kentucky (continued) Lexington-Fayette Urban County Airport Board, Refunding GARB, Series A, 5.00%, 7/01/19 (a) Louisiana 3.3% Louisiana Local Government Environmental Facilities & Community Development Authority, RB, Westlake Chemical Corp. Project, Series A-1, 6.50%, 11/01/35 Parish of St. Charles Louisiana, RB, Valero Energy Corp., 4.00%, 12/01/40 (c) 	Par (000) \$ 7,000 2,615	Value \$ 7,632,730 19,033,086 2,984,421	
 Kentucky (continued) Lexington-Fayette Urban County Airport Board, Refunding GARB, Series A, 5.00%, 7/01/19 (a) Louisiana 3.3% Louisiana Local Government Environmental Facilities & Community Development Authority, RB, Westlake Chemical Corp. Project, Series A-1, 6.50%, 11/01/35 Parish of St. Charles Louisiana, RB, Valero Energy Corp., 4.00%, 12/01/40 (c) Fobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A: 5.25%, 5/15/31 	Par (000) \$ 7,000 2,615	Value \$ 7,632,730 19,033,086 2,984,421	
Municipal Bonds Kentucky (continued) Lexington-Fayette Urban County Airport Board, Refunding GARB, Series A, 5.00%, 7/01/19 (a) Louisiana 3.3% Louisiana Local Government Environmental Facilities & Community Development Authority, RB, Westlake Chemical Corp. Project, Series A-1, 6.50%, 11/01/35 Parish of St. Charles Louisiana, RB, Valero Energy Corp., 4.00%, 12/01/40 (c) Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A: 5.25%, 5/15/31 5.25%, 5/15/32	Par (000) \$ 7,000 2,615 2,210	Value \$ 7,632,730 19,033,086 2,984,421 2,313,185	

5.25%, 5/15/35	1,500	1,629,840	
		20,488,165	
Maine 1.1%		20,400,105	
Maine Health & Higher Educational Facilities Authority, RB, Series A, 5.00%, 7/01/39	5,000	5,346,150	
Portland Housing Development Corp., Refunding RB, Senior Living, Retirement Facilities, Series	2,000	-,,	
A, 6.00%, 2/01/34	1,190	1,191,464	
		6,537,614	
Maryland 4.3%		0,557,014	
County of Howard Maryland Housing Commission, RB, M/F Housing, Woodfield Oxford Square			
Apartments, 5.00%, 12/01/42	7,715	8,525,847	
Maryland Community Development Administration, HRB, S/F Housing, Series H, AMT, 5.10%,	7,715	0,525,047	
9/01/37	1,405	1,409,552	
Maryland Community Development Administration, Refunding, HRB, Residential, Series D,	1,100	1,103,002	
AMT, 4.90%, 9/01/42	3,250	3,260,010	
Maryland Health & Higher Educational Facilities Authority, Refunding RB:	,		
Charlestown Community Project, 6.25%, 1/01/21 (a)	2,000	2,365,640	
Meritus Medical Center Issue, 5.00%, 7/01/40	6,350	6,828,917	
University of Maryland Medical System, 5.00%, 7/01/19 (a)	1,990	2,171,806	
University of Maryland Medical System, 5.13%, 7/01/19 (a)	2,100	2,296,371	
University of Maryland Medical System, 5.00%, 7/01/34	110	115,189	
		26,973,332	
Massachusetts 3.1%		20,770,002	
Massachusetts Bay Transportation Authority, Refunding RB, General Transportation System,			
Series A, 7.00%, 3/01/19	740	765,071	
Massachusetts Development Finance Agency, RB, Emerson College Issue, Series A:		· · · · · ·	
5.00%, 1/01/47	845	907,454	
5.25%, 1/01/42	1,895	2,087,665	
Massachusetts HFA, RB, M/F Housing, Series A, AMT, 5.20%, 12/01/37	2,865	2,891,472	
Massachusetts HFA, Refunding RB, Series C, AMT, 5.35%, 12/01/42	5,070	5,393,415	
Massachusetts Water Resources Authority, RB, Series A, 6.50%, 7/15/19 (e)	6,685	7,059,494	

19,104,571

See Notes to Financial Statements.

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BlackRock MuniVest Fund, Inc. (MVF)

	Par	
Municipal Bonds Michigan 2.4%	(000)	Value
City of Detroit Michigan Water Supply System Revenue, RB, 2nd Lien, Series B (AGM):	¢ 2.405	¢ 2.780.050
6.25%, 7/01/19 (a) 6.25%, 7/01/36	\$ 2,495 5	\$ 2,789,959
Michigan State Hospital Finance Authority, Refunding RB, McLaren Health Care, Series A,	5	5,398
5.75%, 5/15/18 (a)	7,285	7,709,205
Royal Oak Michigan Hospital Finance Authority, Refunding RB, William Beaumont Hospital, Series V, 8.25%, 9/01/18 (a)	4,100	4,546,039
		15,050,601
Minnesota 0.3% City of Cologne Minnesota Charter School, LRB, Cologne Academy Project, Series A,		
5.00%, 7/01/45	1,500	1,549,200
Mississippi 4.8%	1,500	1,549,200
County of Lowndes Mississippi, Refunding RB, Solid Waste Disposal & Pollution Control,		
Weyerhaeuser Co. Project: Series A, 6.80%, 4/01/22	9,160	10,646,301
Series B, 6.70%, 4/01/22	4,500	5,212,665
Mississippi Business Finance Corp., Refunding RB, System Energy Resource, Inc. Project,	7,500	5,212,005
5.88%, 4/01/22	9,305	9,349,478
Mississippi Development Bank, Refunding RB, Municipal Energy Agency of Mississippi, Series A	. ,= ==	
(AGM), 4.00%, 3/01/41	4,500	4,503,375
		29,711,819
Nebraska 1.1%		
Central Plains Energy Project Nebraska, RB, Gas Project No. 3, 5.00%, 9/01/42 New Hampshire 0.7%	6,200	6,560,282
New Hampshire Housing Finance Authority, Refunding RB, S/F Housing, Acquisition, Series H,		
AMT, 5.15%, 1/01/40	4,170	4,182,427
New Jersey 8.6%		
Casino Reinvestment Development Authority, Refunding RB, 5.25%, 11/01/44 New Jersey EDA, RB:	1,400	1,383,774
Continental Airlines, Inc. Project, Series A, AMT, 5.63%, 11/15/30	1,530	1,662,559
Goethals Bridge Replacement Project, AMT, Private Activity Bond, 5.38%, 1/01/43	10,000	10,585,200
Private Activity Bond, Goethals Bridge Replacement Project, AMT, 5.13%, 1/01/34	1,050	1,107,687
School Facilities Construction, Series UU, 5.00%, 6/15/40	3,390	3,395,899
New Jersey EDA, Refunding RB, School Facilities Construction:		
5.25%, 6/15/19 (a)	2,650	2,901,114
Series AA, 5.25%, 6/15/19 (a)	700	766,332
Series AA, 5.25%, 12/15/33 New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series AA, 6.38%, 10/01/28	6,650 165	6,750,149 170,234
New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series AA, 6.38%, 10/01/28 New Jersey Transportation Trust Fund Authority, RB:	105	170,234
CAB, Transportation System, Series A, 0.00%, 12/15/38 (d)	7,260	2,253,431
Transportation Program, Series AA, 5.25%, 6/15/33	8,750	8,985,112
Transportation Program, Series AA, 5.25%, 6/15/41	780	791,989
Transportation Program, Series AA, 5.00%, 6/15/44	4,450	4,452,359
	Par	
Municipal Bonds New Jersey (continued)	(000)	Value
New Jersey Transportation Trust Fund Authority, RB (continued):		
Transportation System, Series B, 5.50%, 6/15/31	\$ 8,000	\$ 8,398,400
		53,604,239
New York 7.9%		
Build NYC Resource Corp., Refunding RB, Pratt Paper, Inc. Project, AMT, 5.00%, 1/01/35 (b)	2,145	2,250,620
City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer		
System, Series FF-2, 5.50%, 6/15/40	4,150	4,536,033
Counties of New York Tobacco Trust IV, Refunding RB, Settlement Pass-Through Turbo, Series		
A, 6.25%, 6/01/41 (b)	3,500	3,634,820
Erie Tobacco Asset Securitization Corp., Refunding RB, Asset-Backed, Series A, 5.00%, 6/01/45 Metropolitan Transportation Authority, RB, Series C:	4,435	4,264,075

6.25%, 11/15/18 (a)	25	27,278	
6.25%, 11/15/18 (a)	2,595	2,831,482	
6.50%, 11/15/18 (a)	925	1,013,217	
6.50%, 11/15/18 (a)	11,135	12,196,945	
6.25%, 11/15/23	625	680,888	
6.50%, 11/15/28	2,865	3,132,820	
New York Liberty Development Corp., Refunding RB, 3 World Trade Center Project, Class 2 (b):			
5.15%, 11/15/34	460	492,140	
5.38%, 11/15/40	1,145	1,242,921	
New York Transportation Development Corp., RB, LaGuardia Airport Terminal B Redevelopment			
Project, Series A, AMT, 5.25%, 1/01/50	2,400	2,549,088	
New York Transportation Development Corp., Refunding RB, American Airlines, Inc., AMT:			
5.00%, 8/01/26	1,285	1,350,856	
5.00%, 8/01/31	3,070	3,195,809	
Port Authority of New York & New Jersey, ARB, Special Project, JFK International Air Terminal			
LLC Project, Series 8, 6.00%, 12/01/36	3,165	3,566,290	
TSASC, Inc., Refunding RB, Series A, 5.00%, 6/01/41	1,785	1,933,726	
		48,899,008	
Ohio 3.5%		48,899,008	
		48,899,008	
Ohio 3.5% County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38	2,875	48,899,008	
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A,	2,875		
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38	2,875		
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38 County of Franklin Ohio, RB, Health Care Facilities Improvement, OPRS Communities Obligation Group, Series A, 6.13%, 7/01/40		3,104,885	
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38 County of Franklin Ohio, RB, Health Care Facilities Improvement, OPRS Communities Obligation Group, Series A, 6.13%, 7/01/40 County of Lucas Ohio, Refunding RB, Promedica Healthcare, Series A, 6.50%, 11/15/37	1,690	3,104,885 1,854,268	
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38 County of Franklin Ohio, RB, Health Care Facilities Improvement, OPRS Communities Obligation Group, Series A, 6.13%, 7/01/40	1,690 1,915	3,104,885 1,854,268 2,257,268	
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38 County of Franklin Ohio, RB, Health Care Facilities Improvement, OPRS Communities Obligation Group, Series A, 6.13%, 7/01/40 County of Lucas Ohio, Refunding RB, Promedica Healthcare, Series A, 6.50%, 11/15/37 County of Montgomery Ohio, RB, Catholic Health Initiatives, Series D-2, 5.45%, 10/01/38	1,690 1,915 7,930	3,104,885 1,854,268 2,257,268 8,493,030	
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38 County of Franklin Ohio, RB, Health Care Facilities Improvement, OPRS Communities Obligation Group, Series A, 6.13%, 7/01/40 County of Lucas Ohio, Refunding RB, Promedica Healthcare, Series A, 6.50%, 11/15/37 County of Montgomery Ohio, RB, Catholic Health Initiatives, Series D-2, 5.45%, 10/01/38	1,690 1,915 7,930	3,104,885 1,854,268 2,257,268 8,493,030 5,831,895	
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38 County of Franklin Ohio, RB, Health Care Facilities Improvement, OPRS Communities Obligation Group, Series A, 6.13%, 7/01/40 County of Lucas Ohio, Refunding RB, Promedica Healthcare, Series A, 6.50%, 11/15/37 County of Montgomery Ohio, RB, Catholic Health Initiatives, Series D-2, 5.45%, 10/01/38 County of Montgomery Ohio, Refunding RB, Catholic Health, Series A, 5.50%, 5/01/34	1,690 1,915 7,930	3,104,885 1,854,268 2,257,268 8,493,030	
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38 County of Franklin Ohio, RB, Health Care Facilities Improvement, OPRS Communities Obligation Group, Series A, 6.13%, 7/01/40 County of Lucas Ohio, Refunding RB, Promedica Healthcare, Series A, 6.50%, 11/15/37 County of Montgomery Ohio, RB, Catholic Health Initiatives, Series D-2, 5.45%, 10/01/38 County of Montgomery Ohio, Refunding RB, Catholic Health, Series A, 5.50%, 5/01/34	1,690 1,915 7,930	3,104,885 1,854,268 2,257,268 8,493,030 5,831,895	
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38 County of Franklin Ohio, RB, Health Care Facilities Improvement, OPRS Communities Obligation Group, Series A, 6.13%, 7/01/40 County of Lucas Ohio, Refunding RB, Promedica Healthcare, Series A, 6.50%, 11/15/37 County of Montgomery Ohio, RB, Catholic Health Initiatives, Series D-2, 5.45%, 10/01/38 County of Montgomery Ohio, Refunding RB, Catholic Health, Series A, 5.50%, 5/01/34 Pennsylvania 3.5% City of Philadelphia Pennsylvania IDA, RB, Retirement Facilities, Rieder House Project, Series A,	1,690 1,915 7,930 5,470	3,104,885 1,854,268 2,257,268 8,493,030 5,831,895 21,541,346	
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38 County of Franklin Ohio, RB, Health Care Facilities Improvement, OPRS Communities Obligation Group, Series A, 6.13%, 7/01/40 County of Lucas Ohio, Refunding RB, Promedica Healthcare, Series A, 6.50%, 11/15/37 County of Montgomery Ohio, RB, Catholic Health Initiatives, Series D-2, 5.45%, 10/01/38 County of Montgomery Ohio, Refunding RB, Catholic Health, Series A, 5.50%, 5/01/34 Pennsylvania 3.5% City of Philadelphia Pennsylvania IDA, RB, Retirement Facilities, Rieder House Project, Series A, 6.10%, 7/01/33	1,690 1,915 7,930 5,470 1,215	3,104,885 1,854,268 2,257,268 8,493,030 5,831,895 21,541,346 1,215,000	
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38 County of Franklin Ohio, RB, Health Care Facilities Improvement, OPRS Communities Obligation Group, Series A, 6.13%, 7/01/40 County of Lucas Ohio, Refunding RB, Promedica Healthcare, Series A, 6.50%, 11/15/37 County of Montgomery Ohio, RB, Catholic Health Initiatives, Series D-2, 5.45%, 10/01/38 County of Montgomery Ohio, Refunding RB, Catholic Health, Series A, 5.50%, 5/01/34 Pennsylvania 3.5% City of Philadelphia Pennsylvania IDA, RB, Retirement Facilities, Rieder House Project, Series A, 6.10%, 7/01/33 County of Delaware Pennsylvania IDA, Refunding RB, Covanta Project, 5.00%, 7/01/43	1,690 1,915 7,930 5,470	3,104,885 1,854,268 2,257,268 8,493,030 5,831,895 21,541,346	
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38 County of Franklin Ohio, RB, Health Care Facilities Improvement, OPRS Communities Obligation Group, Series A, 6.13%, 7/01/40 County of Lucas Ohio, Refunding RB, Promedica Healthcare, Series A, 6.50%, 11/15/37 County of Montgomery Ohio, RB, Catholic Health Initiatives, Series D-2, 5.45%, 10/01/38 County of Montgomery Ohio, Refunding RB, Catholic Health, Series A, 5.50%, 5/01/34 Pennsylvania 3.5% City of Philadelphia Pennsylvania IDA, RB, Retirement Facilities, Rieder House Project, Series A, 6.10%, 7/01/33	1,690 1,915 7,930 5,470 1,215	3,104,885 1,854,268 2,257,268 8,493,030 5,831,895 21,541,346 1,215,000	

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

FEBRUARY 28, 2017

BlackRock MuniVest Fund, Inc. (MVF)

	Par		
Municipal Bonds	(000)	Value	
Pennsylvania (continued)			
Delaware River Port Authority, RB, Series D, 5.00%, 1/01/40	\$ 195	\$ 211,867	
Pennsylvania Economic Development Financing Authority, RB, Pennsylvania Rapid Bridge			
Finco LP, AMT, 5.00%, 12/31/38	2,565	2,752,784	
Pennsylvania HFA, RB, S/F Housing Mortgage, Series 118-B, 4.05%, 10/01/40	3,850	3,886,960	
Pennsylvania HFA, Refunding RB, S/F Housing Mortgage, Series 121, 3.10%, 10/01/36	3,480	3,297,996	
Pennsylvania Turnpike Commission, RB:	140	404 471	
Series A-1, 5.00%, 12/01/41	440	484,471	
Series B, 5.00%, 12/01/40	1,110	1,223,164	
		21,965,906	
Puerto Rico 0.9%			
Children s Trust Fund, Refunding RB, Tobacco Settlement Asset-Backed Bonds, 5.50%, 5/15/39	3,555	3,568,509	
Children s Trust Fund Tobacco Settlement, Refunding RB, Asset-Backed Bonds, 5.63%, 5/15/43	1,955	1,957,542	
		5,526,051	
Rhode Island 1.6%			
Rhode Island Health & Educational Building Corp., Refunding RB, Hospital Financing, LifeSpan			
Obligation Group, 5.00%, 5/15/39	1,425	1,501,252	
Tobacco Settlement Financing Corp., Refunding RB, Series B:			
4.50%, 6/01/45	6,820	6,566,159	
5.00%, 6/01/50	2,000	2,021,420	
		10,088,831	
South Carolina 0.7%		10,000,001	
State of South Carolina Public Service Authority, Refunding RB, Series E, 5.25%, 12/01/55	3,800	4,144,888	
Texas 11.0%		, ,	
Central Texas Regional Mobility Authority, RB, Senior Lien, Series A:			
5.00%, 1/01/40	1,215	1,312,917	
5.00%, 1/01/45	3,500	3,771,740	
Central Texas Regional Mobility Authority, Refunding RB, Senior Lien:			
5.75%, 1/01/21 (a)	1,000	1,162,120	
6.00%, 1/01/21 (a)	4,300	5,037,192	
Series A, 5.00%, 1/01/43	6,925	7,326,581	
City of Houston Texas Airport System, Refunding ARB, United Airlines, Inc. Terminal E Project,			
AMT, 5.00%, 7/01/29	2,665	2,799,369	
County of Harris Texas Cultural Education Facilities Finance Corp., RB, 1st Mortgage, Brazos			
Presbyterian Homes, Inc. Project, Series B, 7.00%, 1/01/23 (a)	850	1,068,076	
County of Harris Texas Health Facilities Development Corp., Refunding RB, Memorial Hermann			
Healthcare System, Series B (a):			
7.13%, 12/01/18	3,500	3,874,255	
7.25%, 12/01/18	5,400	5,989,140	
County of Tarrant Texas Cultural Education Facilities Finance Corp., RB, Scott & White			
Healthcare (a):			
6.00%, 8/15/20	370	428,852	
6.00%, 8/15/20	4,630	5,366,448	
County of Tarrant Texas Cultural Education Facilities Finance Corp., Refunding RB, Trinity			
Terrace Project, 5.00%, 10/01/44	875	894,924	
La Vernia Higher Education Finance Corp., RB, KIPP, Inc., Series A, 6.25%, 8/15/19 (a)	925	1,039,339	
	Par	¥7. I	
Municipal Bonds	(000)	Value	
Texas (continued)	¢ 1.100	¢ 1 100 010	
Love Field Airport Modernization Corp., RB, Southwest Airlines Co. Project, 5.25%, 11/01/40	\$ 1,100	\$ 1,189,012	
New Hope Cultural Education Facilities Corp., RB, Collegiate Housing Tarleton State University	500	50(10)	
Project, 5.00%, 4/01/35	500	526,130	
New Hope Cultural Education Facilities Corp., Refunding RB, 1st Mortgage, Morningside	1 600	1 776 110	
Ministries Project, 6.25%, 1/01/33 North Taxas Education Finance Corp. EPB Unlift Education Series A 5 13% 12/01/42	1,600	1,776,112	
North Texas Education Finance Corp., ERB, Uplift Education, Series A, 5.13%, 12/01/42	1,000	1,033,640	
North Texas Tollway Authority, Refunding RB, Series A: 1st Tier System, 6.25%, 1/01/19 (a)	2,845	3,115,190	
1st Tier System, 6.25%, 1/01/19 (a) 1st Tier System, 6.25%, 1/01/19	655	707,924	
15t Tet Ojsteni, 0.2570, 1101/57	055	101,924	

5.00%, 1/01/38	5,000	5,542,750	
Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien:			
LBJ Infrastructure Group LLC, 7.00%, 6/30/40	8,000	9,133,840	
NTE Mobility Partners LLC, North Tarrant Express Managed Lanes Project, 6.88%, 12/31/39	4,710	5,323,854	
		68,419,405	
Virginia 3.7%			
Ballston Quarter Community Development Authority, Tax Allocation Bonds, Series A:			
5.38%, 3/01/36	430	413,746	
5.50%, 3/01/46	1,475	1,425,263	
City of Portsmouth Virginia, GO, Refunding Series D:			
5.00%, 7/15/20 (a)	3,030	3,406,417	
5.00%, 7/15/34	75	82,794	
County of Fairfax Virginia EDA, Refunding RB, Goodwin House, Inc. (a):			
5.13%, 10/01/17	2,000	2,052,020	
5.13%, 10/01/17	6,015	6,169,285	
Tobacco Settlement Financing Corp., Refunding RB, Senior Series B-1, 5.00%, 6/01/47	1,895	1,753,823	
Virginia Small Business Financing Authority, RB, Senior Lien, Elizabeth River Crossings OpCo			
LLC Project, AMT:			
6.00%, 1/01/37	2,150	2,409,139	
5.50%, 1/01/42	5,140	5,496,510	
		23,208,997	
Washington 1.9%			
Washington Health Care Facilities Authority, RB, Catholic Health Initiatives, Series A,			
5.75%, 1/01/45	4,010	4,318,008	
Washington Health Care Facilities Authority, Refunding RB, Catholic Health Initiatives, Series D,			
6.38%, 10/01/36	7,000	7,455,630	
		11,773,638	
West Virginia 0.4%		,,000	
West Virginia Hospital Finance Authority, Refunding RB, Improvement, Charleston Area Medical			
Center, Inc., Series A, 5.63%, 9/01/32	2,500	2,662,425	
Wisconsin 1.0%	_,	_,	
Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert & Community			
Health, Inc., Series C, 5.25%, 4/01/39	6,100	6,411,588	
Wyoming 1.4%		-,,	
County of Sweetwater Wyoming, Refunding RB, Idaho Power Co. Project, Remarketing, 5.25%,			
7/15/26	4,500	4,907,160	
Wyoming Community Development Authority, Refunding RB, Series 2 & 3, 4.05%, 12/01/38	2,475	2,495,122	
	,	, ,	

See Notes to Financial Statements.

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BlackRock MuniVest Fund, Inc. (MVF)

Municipal Bonds	Par (000)	Value
Wyoming (continued) Wyoming Municipal Dawar Acapaty Inc. Defunding DB. Sories A (DAM) 5000/ 1/01/42	\$ 1,120	\$ 1,248,922
Wyoming Municipal Power Agency, Inc., Refunding RB, Series A (BAM), 5.00%, 1/01/42	\$ 1,120	\$ 1,248,922
		8,651,204
Total Municipal Bonds 113.4%		703,504,199
Municipal Bonds Transferred to Tender Option Bond Trusts (f)		
Arizona 0.6%		
City of Phoenix Arizona Civic Improvement Corp., Refunding RB, Water System, Junior Lien,		
Series A, 5.00%, 7/01/19 (a)	3,500	3,818,045
California 6.3%		
Sacramento Area Flood Control Agency, Refunding, Consolidated Capital Assessment District		
No.2, Series A, 5.00%, 10/01/47	14,998	16,997,625
University of California, RB, General, Series O (a):		
5.25%, 5/15/19	3,235	3,533,073
5.25%, 5/15/19	5,675	6,197,894
5.25%, 5/15/19	11,090	12,111,833
		38,840,425
District of Columbia 1.3%		
District of Columbia Water & Sewer Authority, Refunding RB, Senior Lien, Series A,	7 405	8 030 130
5.50%, 10/01/18 (a)	7,495	8,039,420
Florida 2.6% County of Miami-Dade Florida Water & Sewer System, (AGC), 5.00%, 10/01/39	14,747	16,272,377
Illinois 4.9%	14,747	10,272,377
State of Illinois Finance Authority, RB, University of Chicago, Series B, 6.25%, 7/01/18 (a)	10,000	10,720,100
State of Illinois Toll Highway Authority, RB, Series B, Senior:	10,000	10,720,100
Priority, 5.50%, 1/01/18 (a)	6,999	7,275,275
5.00%, 1/01/40	10,976	12,147,858
		30,143,233
Kentucky 1.6%		
County of Louisville & Jefferson Kentucky Metropolitan Government Parking Authority, RB,		
River City, Inc., 1st Mortgage, Series A, 5.38%, 12/01/19 (a) Maryland 1.7%	9,195	10,249,667
City of Baltimore Maryland, RB, Wastewater Project, Sub-Series A, 5.00%, 7/01/46	4,898	5,521,923
State of Maryland Transportation Authority, RB, Transportation Facilities Project (AGM),	,	
5.00%, 7/01/41	4,710	4,924,870
		10,446,793
Nevada 2.8%		
County of Clark Nevada Water Reclamation District, GO, Limited Tax, Series B, 5.75%, 7/01/19		
(a) New York 5.00%	15,789	17,497,364
New York 5.9% City of New York New York Municipal Water Eingnes Authority, Defunding PD, Water & Sewer		
City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer		
System, 2nd General Resolution, Series DD: 5.00%, 6/15/18 (a)	3,556	3,729,273
5.00%, 6/15/18 (a)	20,643	21,650,210
New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project,	20,045	21,030,210
5.75%, 11/15/51 (g)	10,001	11,412,995
		36,792,478
Municipal Bonds Transferred to	Par	
Municipal Bonds Transferred to Tender Option Bond Trusts (f)	Par (000)	Value
-		Value

Ohio 2.2%			
Ohio Higher Educational Facility Commission, RB, Cleveland Clinic Health, Series A,			
5.25%, 1/01/33	4,400	4,533,628	
State of Ohio, RB, Cleveland Clinic Health Obligated Group, Series B, 5.50%, 1/01/34	8,500	9,108,685	
		12 (42 212	
0		13,642,313	
Oregon 1.2%			
State of Oregon Housing & Community Services Department, HRB, M/F Housing, Series A,	7.010	7 462 106	
AMT, 4.95%, 7/01/30	7,212	7,462,186	
Pennsylvania 0.7%			
County of Westmoreland Pennsylvania Municipal Authority, Refunding RB, (BAM),			
5.00%, 8/15/38	3,925	4,340,885	
Texas 7.4%			
City of Houston Texas, Refunding RB, Airport System, Senior Lien, Series A, 5.50%, 7/01/34	8,333	8,790,863	
City of Houston Texas Higher Education Finance Corp., RB, Rice University Project, Series A,			
5.00%, 5/15/40	10,000	10,971,884	
County of Harris Texas Health Facilities Development Corp., Refunding RB, School Health Care			
System, Series B, 5.75%, 7/01/27 (e)	20,970	25,753,257	
Texas Department of Housing & Community Affairs, RB, S/F Mortgage, Series B, AMT,			
5.25%, 9/01/32	664	664,950	
		46 100 054	
		46,180,954	
Virginia 4.0%	6.070	F 0.14 0.50	
County of Fairfax Virginia EDA, RB, Metrorail Parking System, 5.00%, 4/01/47	6,960	7,946,858	
County of Fairfax Virginia IDA, Refunding RB, Health Care, Inova Health System:			
5.50%, 5/15/19 (a)	734	796,821	
5.50%, 5/15/35	1,364	1,480,390	
Virginia Commonwealth Transportation Board, RB, Capital Projects, 5.00%, 5/15/32	7,999	8,966,579	
Virginia Small Business Financing Authority, Refunding RB, Sentara Healthcare, 5.00%, 11/01/40	5,002	5,400,271	
		24,590,919	
Washington 6.0%		24,390,919	
Central Puget Sound Regional Transit Authority, RB, Series A (a):			
5.00%, 11/01/17	5,500	5 650 280	
	,	5,659,280	
5.00%, 11/01/17	5,500	5,659,280	
(AGM), 5.00%, 11/01/17	14,007	14,411,835	
Washington Health Care Facilities Authority, Refunding RB, Seattle Children s Hospital, Series B,	10.000	11 (4 4 4 6 6	
5.00%, 10/01/38	10,000	11,644,400	
		37,374,795	
Total Municipal Bonds Transferred to			
Tender Option Bond Trusts 50.1%		311,058,704	
Total Long-Term Investments			
(Cost \$954,552,371) 163.5%		1,014,562,903	
		1,017,302,705	

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

FEBRUARY 28, 2017

BlackRock MuniVest Fund, Inc. (MVF)

Short-Term Securities	Shares	Value
BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.50% (h)(i)	4,051,187	\$ 4,051,997
Total Short-Term Securities		
(Cost \$4,051,406) 0.6%		4,051,997
Total Investments (Cost \$958,603,777) 164.1%		1,018,614,900
Other Assets Less Liabilities 1.0%		6,263,283
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (25.	3)%	(156,959,114)
Loan for TOB Trust Certificates (0.5)%		(3,498,775)
VMTP Shares at Liquidation Value (39.3)%		(243,800,000)
Net Assets Applicable to Common Shares 100.0%		\$ 620,620,294

Notes to Schedule of Investments

- (a) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933, as amended. These securities may be resold in transactions exempt from registration to qualified institutional investors.
- (c) Variable rate security. Rate as of period end.
- (d) Zero-coupon bond.
- (e) Security is collateralized by municipal bonds or U.S. Treasury obligations.
- (f) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Trust. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details.
- (g) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Trust could ultimately be required to pay under the agreement, which expires on November 15, 2019, is \$5,295,502. See Note 4 of the Notes to Financial Statements for details.
- (h) During the six months ended February 28, 2017, investments in issuers considered to be an affiliate of the Trust for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares Held at August 31, 2016	Net Activity	Shares Held at February 28, 2017	Value at February 28, 2017	Income	Net Realized Gain ¹	Change in Unrealized Appreciation
BlackRock Liquidity Funds, MuniCash, Institutional							
Class	6,852,839	(2,801,652)	4,051,187	\$ 4,051,997	\$ 22,402	\$ 6,740	\$ 591
¹ Includes net capital gain distributions.							

(i) Current yield as of period end.

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

a				Unrealized
Contracts Short	Issue	Expiration	Notional Value	Appreciation (Depreciation)
(176)	5-Year U.S. Treasury Note	June 2017	\$ 20,715,750	\$ 16,355
(258)	10-Year U.S. Treasury Note	June 2017	\$ 32,141,156	(2,379)
(198)	Long U.S. Treasury Bond	June 2017	\$ 30,027,938	(154,058)
(36)	Ultra U.S. Treasury Bond	June 2017	\$ 5,824,125	(44,583)
Total				\$ (184,665)

See Notes to Financial Statements.

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BlackRock MuniVest Fund, Inc. (MVF)

Derivative Financial Instruments Categorized by Risk Exposure

As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

Assets Derivative Fi	nancial Instruments	Commodity Contracts		Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total	
Futures contracts	Net unrealized appreciation ¹					\$ 16,355		\$ 16,355	
Liabilities Derivativ	e Financial Instruments								
Futures contracts	Net unrealized depreciation ¹					\$ 201,020		\$ 201,020	
¹ Includes cumulative a	appreciation (depreciation) on future	es contracts, if	any, as repo	rted in the So	chedule of Inv	estments. Only	v current day	s variation	

¹ Includes cumulative appreciation (depreciation) on futures contracts, if any, as reported in the Schedule of Investments. Only current day s variation margin is reported within the Statements of Assets and Liabilities.

For the six months ended February 28, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

Net Realized Gain (Loss) from:	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total	
Futures contracts					\$ 1,578,304		\$ 1,578,304	
Net Change in Unrealized Appreciation (Depreciation) on:								
Futures contracts					\$ (226,209)		\$ (226,209)	

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:	
Average notional value of contracts short	\$ 52,101,797
For more information about the Trust s investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.	

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Trust s policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Trust s investments and derivative financial instruments categorized in the disclosure hierarchy:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 1,014,562,903		\$ 1,014,562,903
Short-Term Securities	\$ 4,051,997			4,051,997
Total	\$ 4,051,997	\$ 1,014,562,903		\$ 1,018,614,900

Derivative Financial Instruments ²		
Assets:		
Interest rate contracts	\$ 16,355	\$ 16,355
Liabilities:		
Interest rate contracts	(201,020)	(201,020)
Total	\$ (184,665)	\$ (184,665)

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

² Derivative financial instruments are futures contracts which are valued at the unrealized appreciation (depreciation) on the instrument.

The Trust may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Liabilities:				
TOB Trust Certificates		\$ (156,696,838)		\$ (156,696,838)
Loan for TOB Trust Certificates		(3,498,775)		(3,498,775)
VMTP Shares at Liquidation Value		(243,800,000)		(243,800,000)
Total		\$ (403,995,613)		\$ (403,995,613)

During the six months ended February 28, 2017, there were no transfers between levels.

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

FEBRUARY 28, 2017

Statements of Assets and Liabilities

February 28, 2017 (Unaudited)	BlackRock Municipal Bond Trust (BBK)	BlackRock Municipal Income Investment Quality Trust (BAF)	BlackRock Municipal Income Quality Trust (BYM)	BlackRock Municipal Income Trust II (BLE)
Assets				
Investments at value unaffiliated	\$ 265,691,131	\$ 217,450,398	\$ 632,278,866	\$ 565,020,825
Investments at value affiliated	187,660	222,810	9,846,739	2,509,371
Cash	30,538	31,237	90,150	16,605
Cash pledged for futures contracts Receivables:	716,050	383,800	1,307,050	1,008,800
Interest unaffiliated	2,913,112	2,391,627	6,587,484	6,920,828
Investments sold	2,807,751	2,343,743	34,759	681,837
Variation margin on futures contracts	3,522	5,062	10,155	11,258
Dividends affiliated	580	86	1,017	997
TOB Trust			5,570,000	
Prepaid expenses	13,389	12,291	20,296	8,939
Total assets	272,363,733	222,841,054	655,746,516	576,179,460
Accrued Liabilities				
Payables:				
Investments purchased	4,379,186	198,191	9,977,465	
Income dividends Common Shares	789,119	599,335	1,742,814	1,727,274
Investment advisory fees	133,294	93,166	267,981	241,288
Interest expense and fees	38,443	64,496	195,633	123,986
Variation margin on futures contracts	39,063	16,375	61,750	50,219
Officer s and Trustees fees	29,039	21,150	66,765	60,469
Other accrued expenses	116,163	91,766	155,102	160,503
Total accrued liabilities	5,524,307	1,084,479	12,467,510	2,363,739
Other Liabilities				
TOB Trust Certificates	22,403,733	43,297,138	109,945,937	72,040,526
Loan for TOB Trust Certificates	22,403,733	1,499,475	2,249,213	72,040,520
VMTP Shares, at liquidation value of \$100,000 per share ^{3,4}	79,900,000	42,200,000	137,200,000	151,300,000
virri billios, a inquidator virao or pros,000 per silato	79,900,000	12,200,000	157,200,000	151,500,000
Total other liabilities	102,303,733	86,996,613	249,395,150	223,340,526
Total liabilities	107,828,040	88,081,092	261,862,660	225,704,265
Net Assets Applicable to Common Shareholders	\$ 164,535,693	\$ 134,759,962	\$ 393,883,856	\$ 350,475,195
Not Agasta Applicable to Common Sharehalders Consist of				
Net Assets Applicable to Common Shareholders Consist of Paid-in capital ^{5,6,7}	\$ 149,529,081	\$ 124,019,631	\$ 371,434,679	\$ 333,383,570
Undistributed net investment income	\$ 149,529,081 1,697,728	\$ 124,019,031 1,581,249	\$ 371,434,079 2,999,995	\$ 353,583,570 3,230,550
Accumulated net investment income	1,266,693	(5,314,044)	, ,	(18,618,151)
Net unrealized appreciation (depreciation)	12,042,191	14,473,126	38,030,670	32,479,226
Net Assets Applicable to Common Shareholders	\$ 164,535,693	\$ 134,759,962	\$ 393,883,856	\$ 350,475,195
Net asset value per Common Share	\$ 15.64	\$ 15.40	\$ 14.92	\$ 14.91
¹ Investments at cost unaffiliated	\$ 253,567,656	\$ 202,949,710	\$ 594,094,193	\$ 532,437,694
² Investments at cost affiliated	\$ 187,641	\$ 222,788	\$ 9,846,348	\$ 2,509,048
³ Preferred Shares outstanding, par value \$0.001 per share	799	422	1,372	1,513

\$

unlimited

10,521,587

unlimited

0.001

\$

- ⁴ Preferred Shares authorized, including Auction Market Preferred Shares
- (AMPS)
- ⁵ Par value per Common Share
- ⁶ Common Shares outstanding
- 7 Common Shares authorized

See Notes to Financial Statements.

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FEBRUARY 28, 2017

unlimited

8,749,418

unlimited

0.001

\$

unlimited

26,406,273

unlimited

0.001

\$

unlimited

23,500,329

unlimited

0.001

Statements of Assets and Liabilities

February 28, 2017 (Unaudited)	BlackRock MuniHoldings Investment Quality Fund (MFL)	BlackRock MuniVest Fund, Inc. (MVF)
Assets Investments at value unaffiliated	\$ 951,133,452	\$ 1,014,562,903
Investments at value affiliated Cash		4,051,997 32,556
Cash pledged for futures contracts Receivables:	1,795,150	1,612,500
Dividends affiliated	476	2,750
Interest unaffiliated Investments sold	11,402,675 2,409,780	12,459,706 760,969
Variation margin on futures contracts	19,519	19,155
TOB Trust		3,485,000
Prepaid expenses	29,876	13,667
Total assets	966,790,928	1,037,001,203
Accrued Liabilities		
Bank overdraft	705,216	
Payables: Income dividends Common Shares	2,705,996	3,192,629
Investment advisory fees	358,277	389,649
Investments purchased		8,066,813
Officer s and Trustees fees Interest expense and fees	280,813 281,336	158,997 262,276
Variation margin on futures contracts	79,531	74,813
Other accrued expenses	236,386	240,119
Total accrued liabilities	4,647,555	12,385,296
Other Liabilities		
TOB Trust Certificates	133,899,769	156,696,838
Loan for TOB Trust Certificates		3,498,775
VRDP Shares, at liquidation value of \$100,000 per share, net of deferred offering costs ^{3,4} VMTP Shares, at liquidation value of \$100,000 per share ^{3,4}	274,187,674	243,800,000
Total other liabilities	408,087,443	403,995,613
	112 724 000	11 (200 000
Total liabilities	412,734,998	416,380,909
Net Assets Applicable to Common Shareholders	\$ 554,055,930	\$ 620,620,294
Net Assets Applicable to Common Shareholders Consist of		
Paid-in capital ^{5,6,7}	\$ 526,483,427	\$ 586,818,502
Undistributed net investment income	7,395,404	4,643,836
Accumulated net realized loss Net unrealized appreciation (depreciation)	(32,222,975) 52,400,074	(30,668,502) 59,826,458
Net Assets Applicable to Common Shareholders	\$ 554,055,930	\$ 620,620,294
Net asset value per Common Share	\$ 14.64	\$ 9.62
¹ Investments at cost unaffiliated	\$ 898,565,237	\$ 954,552,371

² Investments at cost affiliated		\$ 4,051,406
³ Preferred Shares outstanding, par value \$0.001 per share	2,746	2,438
⁴ Preferred Shares authorized, including Auction Market Preferred Shares (AMPS)	1,000,000	10,000,000
⁵ Par value per Common Share	\$ 0.10	\$ 0.10
⁶ Common Shares outstanding	37,846,094	64,497,606
⁷ Common Shares authorized	unlimited	150,000,000

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

FEBRUARY 28, 2017

Statements of Operations

	BlackRock Municipal	BlackRock Municipal Income	BlackRock	BlackRock Municipal Income Trust II (BLE)	
Six Months Ended February 28, 2017 (Unaudited)	Bond Trust (BBK)	Investment Quality Trust (BAF)	Municipal Income Quality Trust (BYM)		
Investment Income					
Interest unaffiliated	\$ 5,920,030	\$ 4,852,332	\$ 13,837,649	\$ 13,446,860	
Dividends affiliated	6,585	1,039	9,516	7,565	
Total investment income	5,926,615	4,853,371	13,847,165	13,454,425	
Expenses					
Investment advisory	893,123	606,364	1,753,812	1,592,867	
Professional	32,261	29,693	46,664	43,489	
Accounting services	21,521	16,428	29,718	29,718	
Rating agency	18,968	18,905	19,066	19,090	
Fransfer agent	12,522	10,455	18,646	18,320	
Officer and Trustees	9,824	7,483	22,357	19,889	
Custodian	9,824 8,475	6,534	14,322	13,768	
Registration	4,971	4,971	5,380	6,218	
6	,				
Printing	4,864	4,368	6,293	6,156	
Miscellaneous	9,435	7,468	13,575	13,140	
Total expenses excluding interest expense, fees and amortization of offering					
costs	1,015,964	712,669	1,929,833	1,762,655	
interest expense, fees and amortization of offering costs ¹	975,170	644,766	1,808,424	1,750,264	
Fotal expenses	1,991,134	1,357,435	3,738,257	3,512,919	
Less fees waived by the Manager	(1,114)	(188)	(1,727)	(1,410	
Total expenses after fees waived	1,990,020	1,357,247	3,736,530	3,511,509	
Net investment income	3,936,595	3,496,124	10,110,635	9,942,916	
Realized and Unrealized Gain (Loss)					
Net realized gain (loss) from: Investments unaffiliated	1,920,880	(250,626)	(576,188)	(1,976,012)	
Investments affiliated	570	157	847	648	
Futures contracts	1,024,535	515,440	1,894,502	1,356,784	
Capital gain distributions from investment companies affiliated	396		3,475	149	
	2,946,381	264,971	1,322,636	(618,431	
Net change in unrealized appreciation (depreciation) on:					
investments unaffiliated	(21,616,375)	(10,291,555)	(35,296,696)	(27,005,804	
nvestments affiliated	19	22	391	323	
Jutures contracts	(95,168)	(40,489)	(185,324)	(130,999	
	(21,711,524)	(10,332,022)	(35,481,629)	(27,136,480	
Net realized and unrealized loss	(18,765,143)	(10,067,051)	(34,158,993)	(27,754,911	
Net Decrease in Net Assets Applicable to Common Shareholders Resulting from Operations	\$ (14,828,548)	\$ (6,570,927)	\$ (24,048,358)	\$ (17,811,995)	
Palatad to TOP Trusts and/or VMTP Shares					

¹ Related to TOB Trusts and/or VMTP Shares.

See Notes to Financial Statements.

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Statements of Operations

Six Months Ended February 28, 2017 (Unaudited)	BlackRock MuniHoldings Investment Quality Fund (MFL)	BlackRock MuniVest Fund, Inc. (MVF)
Investment Income		
Interest unaffiliated Dividends affiliated	\$ 20,655,028 9,655	\$ 24,091,284 22,402
Total investment income	20,664,683	24,113,686
Expenses		
Investment advisory	2,658,405	2,564,725
Professional	62,669	64,267
Accounting services	55,932	57,706
Rating agency	19,299	19,247
Transfer agent	23,379	27,661
Officer and Trustees	44,040	38,745
Custodian	19,915	21,364
Registration	7,705	16,993
Printing	7,641	