

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND
Form N-CSR
November 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: 08/31/2017

Item 1 Report to Stockholders

ANNUAL REPORT

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,

In the 12 months ended August 31, 2017, risk assets, such as stocks and high-yield bonds, continued to deliver strong performance. These markets showed great resilience during a period with big surprises, including the aftermath of the U.K.'s vote to leave the European Union and the outcome of the U.S. presidential election, which brought only brief spikes in equity market volatility. These expressions of isolationism and discontent were countered by the closely watched and less surprising elections in France, the Netherlands and Australia.

Interest rates rose, which worked against high-quality assets with more interest rate sensitivity. As a result, longer-term U.S. Treasuries posted negative returns, as rising energy prices, modest wage increases, and steady job growth led to expectations of higher inflation and anticipation of interest rate increases by the U.S. Federal Reserve (the Fed).

Market prices began to reflect reflationary expectations toward the end of 2016, as investors sensed that a global recovery was afoot. And those expectations have been largely realized in 2017, as many countries throughout the world experienced sustained and synchronized growth for the first time since the financial crisis. Growth rates and inflation are still relatively low, but they are finally rising together.

The Fed responded to these positive developments by increasing interest rates three times and setting expectations for additional interest rate increases. The Fed also appears to be approaching the implementation of its plan to reduce the vast balance sheet reserves that provided liquidity to the global economy in the aftermath of the financial crisis in 2008. Also, growing skepticism about the near-term likelihood of significant U.S. tax reform and infrastructure spending has tempered reflationary expectations in the United States.

By contrast, the European Central Bank and the Bank of Japan reiterated their commitments to economic stimulus and balance sheet expansion despite nascent signs of sustained economic growth in both countries. The Eurozone also benefited from the relatively stable political environment, which is creating momentum for economic reform and pro-growth policies.

Financial markets and to an extent the Fed have adopted a wait-and-see approach to the economic data and potential fiscal stimulus. Escalating tensions with North Korea and our nation's divided politics are significant concerns. Nevertheless, benign credit conditions, modest inflation, and the positive outlook for growth in the world's largest economies have kept markets relatively tranquil.

However, the capacity for rapid global growth is restrained by structural factors, including an aging population in developed countries, low productivity growth, and excess savings. Cyclical factors, such as the Fed moving toward the normalization of monetary policy and the length of the current expansion, also limit economic growth. Tempered economic growth and high valuations across most assets have laid the groundwork for muted returns going forward. At current valuation levels, potential equity gains will likely be closely tied to the pace of earnings growth, which has remained solid thus far in 2017.

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

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

Total Returns as of August 31, 2017

	6-month	12-month
U.S. large cap equities (S&P 500® Index)	5.65%	16.23%
U.S. small cap equities (Russell 2000® Index)	2.04	14.91
International equities (MSCI Europe, Australasia, Far East Index)	12.14	17.64
Emerging market equities (MSCI Emerging Markets Index)	18.02	24.53
3-month Treasury bills (BofA Merrill Lynch 3-Month U.S. Treasury Bill Index)	0.40	0.62
U.S. Treasury securities (BofA Merrill Lynch 10-Year U.S. Treasury Index)	3.10	(3.26)
U.S. investment grade bonds (Bloomberg Barclays U.S. Aggregate Bond Index)	2.74	0.49
Tax-exempt municipal bonds (S&P Municipal Bond Index)	3.51	0.92
U.S. high yield bonds (Bloomberg Barclays U.S. Corporate High Yield 2% Issuer Capped Index)	3.03	8.62

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

Table of Contents

	Page
<u>The Markets in Review</u>	2
Annual Report:	
<u>Municipal Market Overview</u>	4
<u>The Benefits and Risks of Leveraging</u>	5
<u>Derivative Financial Instruments</u>	5
<u>Trust Summaries</u>	6
Financial Statements:	
<u>Schedules of Investments</u>	18
<u>Statements of Assets and Liabilities</u>	57
<u>Statements of Operations</u>	59
<u>Statements of Changes in Net Assets</u>	61
<u>Statements of Cash Flows</u>	64
<u>Financial Highlights</u>	66
<u>Notes to Financial Statements</u>	72
<u>Report of Independent Registered Public Accounting Firm</u>	83
<u>Disclosure of Investment Advisory Agreements</u>	84
<u>Automatic Dividend Reinvestment Plans</u>	89
<u>Officers and Trustees</u>	90
<u>Additional Information</u>	93

Municipal Market Overview

For the Reporting Period Ended August 31, 2017

Municipal Market Conditions

Municipal bonds experienced modestly positive performance for the period as a result of rising interest rates spurring from generally stronger economic data, signs of inflation pressures, 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 continued demand for fixed income investments. More specifically, investors favored the income, attractive relative yield, and stability of municipal bonds amid bouts of interest rate volatility (bond prices rise as rates fall) resulting from geopolitical tensions, the contentious U.S. election, and continued global central bank divergence i.e., policy easing outside the United States while the Fed slowly engages in policy tightening. During the 12 months ended August 31, 2017, municipal bond funds experienced net outflows of approximately \$2 billion (based on data from the Investment Company Institute). The asset class came under pressure post the November U.S. election as a result of uncertainty surrounding potential tax-reform, though expectation that tax reform was likely to be delayed or watered down quickly eased investor concerns.

For the same 12-month period, total new issuance remained robust from a historical perspective at \$400 billion (though slightly below the \$405 billion issued in the prior 12-month period). A noteworthy portion of new supply during this period was attributable to refinancing activity (roughly 55%) as issuers continued to take advantage of low interest rates and a flat yield curve to reduce their borrowing costs.

S&P Municipal Bond Index	
Total Returns as of August 31, 2017	
6 months:	3.51%
12 months:	0.92%

A Closer Look at Yields

From August 31, 2016 to August 31, 2017, yields on AAA-rated 30-year municipal bonds increased by 58 basis points (bps) from 2.12% to 2.70%, while 10-year rates rose by 44 bps from 1.42% to 1.86% and 5-year rates increased 26 bps from 0.86% to 1.12% (as measured by Thomson Municipal Market Data). The municipal yield curve steepened over the 12-month period with the spread between 2- and 30-year maturities steepening by 34 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 front and intermediate portions of the yield curve. The relative 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. 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 August 31, 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.

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

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 AMT. 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.

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 such 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 the Trusts' 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 33 1/3% 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), then the TOB Trust is not considered a senior security and is not subject to the foregoing limitations and requirements imposed by 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.

Trust Summary as of August 31, 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 August 31, 2017 (\$15.99) ¹	4.77%
Tax Equivalent Yield ²	8.43%
Current Monthly Distribution per Common Share ³	\$0.0635
Current Annualized Distribution per Common Share ³	\$0.7620
Economic Leverage as of August 31, 2017 ⁴	37%

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

² Tax equivalent yield assumes the maximum 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 12 months ended August 31, 2017 were as follows:

	Returns Based On	
	Market Price	NAV
BBK ^{1,2}	(5.18)%	(1.44)%
Lipper General & Insured Municipal Debt Funds (Leveraged) ³	(0.46)%	(0.01)%

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

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

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

³ Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend as calculated by Lipper. Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

Past performance is not indicative of future results.

The following discussion relates to the Trust's absolute performance based on NAV:

The municipal bond market generated mixed returns in the past 12 months. Municipal bonds moved lower early in the period 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 weakness accelerated in November once Donald Trump's election victory caused investors to factor in the possibility of faster economic growth and tighter Fed policy. As optimism for meaningful fiscal reforms subsequently waned and the economy failed to experience a significant acceleration, municipal bonds stabilized and retraced the majority of their post-election losses.

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 credit quality enabled them to hold up better than longer-duration bonds.

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

BlackRock Municipal Bond Trust

Market Price and Net Asset Value Per Share Summary

	8/31/17	8/31/16	Change	High	Low
Market Price	\$15.99	\$18.22	(12.24)%	\$18.55	\$14.50
Net Asset Value	\$16.32	\$17.89	(8.78)%	\$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	8/31/17	8/31/16
County/City/Special District/School District	23%	17%
Health	18	24
Transportation	18	15
Education	11	14
State	11	9
Utilities	9	13
Corporate	5	5
Tobacco	5	2
Housing		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	6
2021	11

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

Credit Quality Allocation¹

	8/31/17	8/31/16
AAA/Aaa	3%	4%
AA/Aa	40	47
A	26	27
BBB/Baa	15	11
BB/Ba	6	5
B	3	1
N/R ²	7	5

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

- ¹ For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either Standard & Poor's (S&P) or Moody's Investors Service (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 August 31, 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.

Trust Summary as of August 31, 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. 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 August 31, 2017 (\$15.11) ¹	5.44%
Tax Equivalent Yield ²	9.61%
Current Monthly Distribution per Common Share ³	\$0.0685
Current Annualized Distribution per Common Share ³	\$0.8220
Economic Leverage as of August 31, 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 12 months ended August 31, 2017 were as follows:

	Returns Based On	
	Market Price	NAV
BAF ^{1, 2}	1.15%	0.14%
Lipper General & Insured Municipal Debt Funds (Leveraged) ³	(0.46)%	(0.01)%

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

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

² The Trust's discount to NAV narrowed during the period, which accounts for the difference between performance based on market price and performance based on NAV.

³ Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend as calculated by Lipper. Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

Past performance is not indicative of future results.

The following discussion relates to the Trust's absolute performance based on NAV:

The municipal bond market generated mixed returns in the past 12 months. Municipal bonds moved lower early in the period 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 weakness accelerated in November once Donald Trump's election victory caused investors to factor in the possibility of faster economic growth and tighter Fed policy. As optimism for meaningful fiscal reforms subsequently waned and the economy failed to experience a significant acceleration, municipal bonds stabilized and retraced the majority of their post-election losses.

The Trust's exposure to pre-refunded issues benefited performance, as their low duration enabled them to hold up better than longer-duration bonds at a time of rising yields. (Duration is a measure of interest-rate sensitivity.) In addition, the bonds' higher coupons and income levels further aided their performance. Positions in the tax-backed (local) and transportation sectors also contributed to results.

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 Fund's positioning had a positive effect on returns.

The Trust's use of leverage, while enhancing the level of income, also exacerbated the impact of declining bond prices.

Positions in intermediate and longer-dated maturities declined the most in value as they typically have longer durations relative to shorter maturities. In addition, the Trust's exposure to 4% coupon bonds detracted as lower coupons typically underperform in a rising rate environment.

From a sector allocation perspective, the Trust's exposure to utilities was a detractor.

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.

BlackRock Municipal Income Investment Quality Trust

Market Price and Net Asset Value Per Share Summary

	8/31/17	8/31/16	Change	High	Low
Market Price	\$15.11	\$15.79	(4.31)%	\$ 16.30	\$ 13.68
Net Asset Value	\$15.69	\$16.56	(5.25)%	\$ 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	8/31/17	8/31/16
Transportation	31%	28%
County/City/Special District/School District	28	27
Utilities	15	17
Health	12	14
State	6	6
Education	5	5
Tobacco	1	1
Corporate	1	1
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 Schedule²

Calendar Year Ended December 31,	
2018	11%
2019	17
2020	2
2021	28

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

Credit Quality Allocation¹

	8/31/17	8/31/16
AAA/Aaa	3%	3%
AA/Aa	70	74
A	17	19
BBB/Baa	8	4
N/R	2	

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

¹ For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P or Moody 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.

ANNUAL REPORT

AUGUST 31, 2017

9

Trust Summary as of August 31, 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 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 August 31, 2017 (\$14.84) ¹	4.85%
Tax Equivalent Yield ²	8.57%
Current Monthly Distribution per Common Share ³	\$0.0600
Current Annualized Distribution per Common Share ³	\$0.7200
Economic Leverage as of August 31, 2017 ⁴	37%

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

² Tax equivalent yield assumes the maximum 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 12 months ended August 31, 2017 were as follows:

	Returns Based On	
	Market Price	NAV
BYM ^{1,2}	0.74%	(0.30)%
Lipper General & Insured Municipal Debt Funds (Leveraged) ³	(0.46)%	(0.01)%

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

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

² The Trust's discount to NAV narrowed during the period, which accounts for the difference between performance based on market price and performance based on NAV.

³ Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend as calculated by Lipper. Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

Past performance is not indicative of future results.

The following discussion relates to the Trust's absolute performance based on NAV:

The municipal bond market generated mixed returns in the past 12 months. Municipal bonds moved lower early in the period 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 weakness accelerated in November once Donald Trump's election victory caused investors to factor in the possibility of faster economic growth and tighter Fed policy. As optimism for meaningful fiscal reforms subsequently waned and the economy failed to experience a significant acceleration, municipal bonds stabilized and retraced the majority of their post-election losses.

Portfolio income made the most significant positive contribution during a period in which bond prices lost ground. However, the Trust's use of leverage, while enhancing the level of income, also exacerbated the impact of declining bond prices.

Holdings in zero-coupon bonds also detracted. Despite their higher income and lack of reinvestment risk, their longer durations accentuated negative price performance in the rising rate environment. (Duration is a measure of interest-rate sensitivity.)

The Trust's exposure to longer-term bonds, which lagged the overall market, further detracted from performance.

In this challenging market environment, the Trust's position in high-quality, defensive pre-refunded bonds was the largest positive contributor to performance.

Positions in the transportation and health care sectors, both of which outperformed the broader market, added value.

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 strategy had a positive effect on returns. The Trust's cash position, though modest, was an additional positive at a time of falling prices. 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.

BlackRock Municipal Income Quality Trust

Market Price and Net Asset Value Per Share Summary

	8/31/17	8/31/16	Change	High	Low
Market Price	\$14.84	\$15.55	(4.57)%	\$ 15.79	\$ 13.50
Net Asset Value	\$15.32	\$16.22	(5.55)%	\$ 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	8/31/17	8/31/16
Transportation	32%	28%
County/City/Special District/School District	22	25
Utilities	15	12
Health	14	11
State	7	11
Education	5	7
Tobacco	3	3
Corporate	2	2
Housing		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 Schedule²

Calendar Year Ended December 31,	
2017	3%
2018	14
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 Allocation¹

	8/31/17	8/31/16
AAA/Aaa	11%	14%
AA/Aa	48	54
A	24	24
BBB/Baa	11	7
N/R	6	1

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

¹ For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P 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.

ANNUAL REPORT

AUGUST 31, 2017

11

Trust Summary as of August 31, 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 American	BLE
Initial Offering Date	July 30, 2002
Yield on Closing Market Price as of August 31, 2017 (\$15.45) ¹	5.71%
Tax Equivalent Yield ²	10.09%
Current Monthly Distribution per Common Share ³	\$0.0735
Current Annualized Distribution per Common Share ³	\$0.8820
Economic Leverage as of August 31, 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 October 2, 2017, was decreased to \$0.0650 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 12 months ended August 31, 2017 were as follows:

	Returns Based On	
	Market Price	NAV
BLE ^{1,2}	0.29%	(0.18)%
Lipper General & Insured Municipal Debt Funds (Leveraged) ³	(0.46)%	(0.01)%

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

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

² The Trust's premium to NAV widened during the period, which accounts for the difference between performance based on market price and performance based on NAV.

³ Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend as calculated by Lipper. Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

Past performance is not indicative of future results.

The following discussion relates to the Trust's absolute performance based on NAV:

The municipal bond market generated mixed returns in the past 12 months. Municipal bonds moved lower early in the period 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 weakness accelerated in November once Donald Trump's election victory caused investors to factor in the possibility of faster economic growth and tighter Fed policy. As optimism for meaningful fiscal reforms subsequently waned and the economy failed to experience a significant acceleration, municipal bonds stabilized and retraced the majority of their post-election losses.

Portfolio income made the most significant contribution to performance during a period in which bond prices lost ground. However, the Trust's use of leverage, while enhancing the level of income, also exacerbated the impact of declining bond prices.

The Trust's position in high-quality, defensive, pre-refunded bonds was a positive contributor in the rising-rate environment. Positions in the tobacco sector, which outperformed in the period, also added value.

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.

Market Price and Net Asset Value Per Share Summary

	8/31/17	8/31/16	Change	High	Low
Market Price	\$ 15.45	\$ 16.34	(5.45)%	\$ 16.38	\$ 13.87
Net Asset Value	\$ 15.17	\$ 16.12	(5.89)%	\$ 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	8/31/17	8/31/16
Transportation	24%	22%
Utilities	16	17
County/City/Special District/School District	14	13
Health	12	12
State	11	11
Education	8	10
Corporate	7	7
Tobacco	7	7
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	7%
2018	5
2019	16
2020	13
2021	15

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

Credit Quality Allocation¹

	8/31/17	8/31/16
AAA/Aaa	4%	7%
AA/Aa	40	43
A	19	20
BBB/Baa	19	17
BB/Ba	7	4
B	2	2
N/R ²	9	7

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

- 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 August 31, 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.

ANNUAL REPORT

AUGUST 31, 2017

13

Trust Summary as of August 31, 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 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	MFL
Initial Offering Date	September 26, 1997
Yield on Closing Market Price as of August 31, 2017 (\$15.03) ¹	5.71%
Tax Equivalent Yield ²	10.09%
Current Monthly Distribution per Common Share ³	\$0.0715
Current Annualized Distribution per Common Share ³	\$0.8580
Economic Leverage as of August 31, 2017 ⁴	41%

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

² Tax equivalent yield assumes the maximum 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 12 months ended August 31, 2017 were as follows:

	Returns Based On	
	Market Price	NAV
MFL ^{1,2}	0.46%	(0.34)%
Lipper General & Insured Municipal Debt Funds (Leveraged) ³	(0.46)%	(0.01)%

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

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

² The Trust moved from neither a premium nor a discount to NAV to a premium during the period, which accounts for the difference between performance based on market price and performance based on NAV.

³ Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend as calculated by Lipper. Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

Past performance is not indicative of future results.

The following discussion relates to the Trust's absolute performance based on NAV:

The municipal bond market generated mixed returns in the past 12 months. Municipal bonds moved lower early in the period 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 weakness accelerated in November once Donald Trump's election victory caused investors to factor in the possibility of faster economic growth and tighter Fed policy. As optimism for meaningful fiscal reforms subsequently waned and the economy failed to experience a significant acceleration, municipal bonds stabilized and retraced the majority of their post-election losses.

Portfolio income made the most significant positive contribution during a period in which bond prices lost ground. However, the Trust's use of leverage, while enhancing the level of income, also exacerbated the impact of declining bond prices.

The Trust's exposure to longer-term bonds, which lagged the overall market, detracted from performance.

An underweight in lower investment-grade BBB rated bonds, which outpaced the overall market due to the combination of their superior income accrual and positive price performance in the second half of the reporting period, was an additional detractor.

The Trust's cash position, though modest, contributed to performance at a time of falling prices.

The Trust's position in high-quality, defensive, pre-refunded bonds was also a positive contributor in the rising-rate environment. Holdings in the transportation sector, which outperformed in the period, also added value.

BlackRock MuniHoldings Investment Quality Fund

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 strategy 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.

Market Price and Net Asset Value Per Share Summary

	8/31/17	8/31/16	Change	High	Low
Market Price	\$15.03	\$15.86	(5.23)%	\$16.16	\$13.52
Net Asset Value	\$14.91	\$15.86	(5.99)%	\$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	8/31/17	8/31/16
Transportation	41%	37%
Utilities	17	14
Health	15	12
County/City/Special District/School District	12	12
State	8	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 Schedule³

Calendar Year Ended December 31,

2017	1%
2018	9
2019	20
2020	4
2021	18

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

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

Credit Quality Allocation²	8/31/17	8/31/16
AAA/Aaa	9%	6%
AA/Aa	59	65
A	26	25
BBB/Baa	4	4
N/R	2	

² For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P 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.

ANNUAL REPORT

AUGUST 31, 2017

15

Trust Summary as of August 31, 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 shares) 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 American	MVF
Initial Offering Date	September 29, 1988
Yield on Closing Market Price as of August 31, 2017 (\$9.84) ¹	5.61%
Tax Equivalent Yield ²	9.91%
Current Monthly Distribution per Common Share ³	\$0.0460
Current Annualized Distribution per Common Share ³	\$0.5520
Economic Leverage as of August 31, 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 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 12 months ended August 31, 2017 were as follows:

	Returns Based On	
	Market Price	NAV
MVF ^{1,2}	(3.10)%	(0.38)%
Lipper General & Insured Municipal Debt Funds (Leveraged) ³	(0.46)%	(0.01)%

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

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

² The Trust's premium to NAV narrowed during the period, which accounts for the difference between performance based on market price and performance based on NAV.

³ Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend as calculated by Lipper. Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

Past performance is not indicative of future results.

The following discussion relates to the Trust's absolute performance based on NAV:

The municipal bond market generated mixed returns in the past 12 months. Municipal bonds moved lower early in the period 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 weakness accelerated in November once Donald Trump's election victory caused investors to factor in the possibility of faster economic growth and tighter Fed policy. As optimism for meaningful fiscal reforms subsequently waned and the economy failed to experience a significant acceleration, municipal bonds stabilized and retraced the majority of their post-election losses.

Portfolio income made the most significant positive contribution during a period in which bond prices lost ground. However, the Trust's use of leverage, while enhancing the level of income, also exacerbated the impact of declining bond prices.

Reinvestment was a drag on results, as the proceeds of higher-yielding bonds that matured or were called needed to be reinvested at materially lower prevailing rates.

The Trust's exposure to pre-refunded issues benefited performance, as their low durations enabled them to hold up better than longer-duration bonds at a time of rising yields. (Duration is a measure of interest rate sensitivity.) At the sector level, tax-backed (local) and education issues contributed to performance, while the school districts and health care sectors detracted.

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.

Market Price and Net Asset Value Per Share Summary

	8/31/17	8/31/16	Change	High	Low
Market Price	\$ 9.84	\$ 10.77	(8.64)%	\$ 10.95	\$ 9.35
Net Asset Value	\$ 9.75	\$ 10.38	(6.07)%	\$ 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	8/31/17	8/31/16
Transportation	26%	24%
Health	23	26
County/City/Special District/School District	11	10
Education	9	10
Corporate	8	9
State	7	7
Utilities	7	6
Housing	6	4
Tobacco	3	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	8%
2018	14
2019	19
2020	14
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	8/31/17	8/31/16
AAA/Aaa	7%	9%
AA/Aa	39	40
A	16	23
BBB/Baa	21	14
BB/Ba	4	3
B	2	2
N/R ²	11	9

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

- 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 August 31, 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.

Schedule of Investments August 31, 2017

BlackRock Municipal Bond Trust (BBK)

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
Alabama 0.6%		
Opelika Utilities Board, Refunding RB, 4.00%, 6/01/41	\$ 960	\$ 1,014,778
Arizona 7.5%		
Arizona Health Facilities Authority, Refunding RB, Phoenix Children's Hospital, Series A, 5.00%, 2/01/42	2,200	2,346,894
City of Phoenix Arizona IDA, Refunding RB, Basis Schools, Inc. Projects, 5.00%, 7/01/45 (a)	460	475,934
County of Pinal Arizona Electric District No.3, Refunding RB: 4.75%, 7/01/21 (b)	680	774,282
4.75%, 7/01/31	3,070	3,384,184
Salt Verde Financial Corp., RB, Senior: 5.00%, 12/01/32	1,500	1,805,565
5.00%, 12/01/37	2,065	2,514,943
University Medical Center Corp., RB, 6.50%, 7/01/19 (b)	500	550,500
University Medical Center Corp., Refunding RB, 6.00%, 7/01/21 (b)	900	1,065,078
		12,917,380
Arkansas 2.2%		
City of Benton Arkansas, RB, 4.00%, 6/01/39	505	534,684
City of Fort Smith Arkansas Water & Sewer Revenue, Refunding RB, 4.00%, 10/01/40	840	883,227
City of Little Rock Arkansas, RB, 4.00%, 7/01/41	1,835	1,915,226
County of Pulaski Arkansas Public Facilities Board, RB, 5.00%, 12/01/42	465	520,028
		3,853,165
California 25.9%		
California Health Facilities Financing Authority, RB, Sutter Health, Series B, 5.88%, 8/15/31	1,900	2,155,968
California Infrastructure & Economic Development Bank, Refunding RB, Academy Motion Picture Arts and Sciences, Series A, 4.00%, 11/01/45	1,550	1,608,280
Carlsbad California Unified School District, GO, Election of 2006, Series B, 0.00%, 5/01/34 (c)	1,000	1,114,360
Chaffey Joint Union High School District, GO, Election of 2012, Series C, 5.25%, 8/01/47	4,955	5,994,708
City of San Jose California, Refunding ARB, Norman Y Mineta San Jose International Airport SJC, Series A-1, AMT, 5.75%, 3/01/34	2,000	2,277,420
County of Los Angeles Metropolitan Transportation Authority, Refunding RB, Series A, 5.00%, 7/01/38	4,095	4,942,788
Hartnell Community College District California, GO, CAB, Election of 2002, Series D, 0.00%, 8/01/34 (c)	1,650	1,705,754
Norwalk-La Mirada Unified School District, GO, Refunding, CAB, Election of 2002, Series E (AGC), 0.00%, 8/01/38 (d)	8,000	3,617,920
	Par (000)	Value
Municipal Bonds		
California (continued)		
Palomar Community College District, GO, CAB, Election of 2006, Series B: 0.00%, 8/01/30 (d)	\$ 1,500	\$ 1,029,000
0.00%, 8/01/33 (d)	4,000	1,647,120
0.00%, 8/01/39 (c)	2,605	2,468,680
San Diego Community College District, GO, CAB, Election of 2002, 0.00%, 8/01/33 (c)	2,800	3,321,220
State of California, GO, Refunding: 5.00%, 10/01/39	1,000	1,174,820
Various Purposes, 5.00%, 2/01/38	3,000	3,469,800
State of California, GO, Various Purposes: 5.75%, 4/01/31	2,000	2,153,720
6.00%, 3/01/33	1,000	1,123,510
6.50%, 4/01/33	1,950	2,127,684
5.50%, 3/01/40	2,350	2,599,593
		44,532,345
Colorado 0.7%		
Colorado Health Facilities Authority, RB, Catholic Health Initiatives, Series D, 6.25%, 10/01/33	1,070	1,120,836
Connecticut 0.3%		
	550	593,049

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

Connecticut State Health & Educational Facility Authority, Refunding RB, Lawrence & Memorial Hospital, Series F, 5.00%, 7/01/36

Delaware 1.4%

County of Sussex Delaware, RB, NRG Energy, Inc., Indian River Power LLC Project, 6.00%, 10/01/40

Delaware Transportation Authority, RB, U.S. 301 Project, 5.00%, 6/01/55

1,200 1,290,756
950 1,065,121

2,355,877

District of Columbia 2.0%

Washington Metropolitan Area Transit Authority, RB, Series B, 5.00%, 7/01/37

2,855 3,413,238

Florida 3.7%

Capital Trust Agency Inc., RB, M/F Housing, The Gardens Apartment Project, Series A, 4.75%, 7/01/40

600 627,510
4,135 4,934,047

County of Miami-Dade Florida, RB, AMT, Seaport Department, Series B, 6.00%, 10/01/31

County of Orange Florida Health Facilities Authority, Refunding RB, Mayflower Retirement Center, 5.00%, 6/01/36

125 132,795

Stevens Plantation Community Development District, RB, Special Assessment, Series A, 7.10%, 5/01/35 (e)(f)

860 601,596

6,295,948

Hawaii 0.3%

State of Hawaii Department of Budget & Finance, Refunding RB, Special Purpose, Senior Living, Kahala Nui, 5.25%, 11/15/37

400 439,616

Portfolio Abbreviations

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

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Municipal Bond Trust (BBK)

	Par (000)	Value
Municipal Bonds		
Idaho 0.3%		
Idaho Health Facilities Authority, RB, St. Lukes Health System Project, Series A, 5.00%, 3/01/39	\$ 500	\$ 553,060
Illinois 7.2%		
City of Chicago Illinois, ARB, O Hare International Airport, Senior Lien, Series D, 5.00%, 1/01/47	505	577,382
City of Chicago Illinois, Refunding ARB, O Hare International Airport Passenger Facility Charge, Series B, AMT, 4.00%, 1/01/29	1,600	1,677,120
City of Chicago Illinois, Refunding GARB, O Hare International Airport, Senior Lien: Series B, 5.00%, 1/01/35	2,000	2,350,140
Series B, 5.00%, 1/01/41	2,000	2,285,000
Series C, 5.00%, 1/01/38	1,000	1,148,840
City of Chicago Illinois Midway International Airport, Refunding GARB, 2nd Lien, Series A, 5.00%, 1/01/41	870	960,149
City of Chicago Illinois Transit Authority, RB, Sales Tax Receipts, 5.25%, 12/01/40	665	718,739
Illinois Finance Authority, Refunding RB: OSF Healthcare System, 6.00%, 5/15/39	295	324,031
Roosevelt University Project, 6.50%, 4/01/44	1,000	1,063,050
Railsplitter Tobacco Settlement Authority, RB, 6.00%, 6/01/28	1,150	1,310,919
		12,415,370
Kansas 2.6%		
County of Seward Kansas Unified School District No. 480 Liberal, GO, Refunding: 5.00%, 9/01/39	720	850,983
5.00%, 9/01/39	3,280	3,650,115
		4,501,098
Kentucky 3.6%		
County of Boyle Kentucky, Refunding RB, Centre College of Kentucky, 5.00%, 6/01/37	2,500	2,865,200
Kentucky Economic Development Finance Authority, RB, Catholic Health Initiatives, Series A, 5.38%, 1/01/40	1,830	1,990,875
Kentucky Public Transportation Infrastructure Authority, RB, Downtown Crossing Project, Convertible CAB, 1st Tier, Series C (c): 0.00%, 7/01/34	500	447,185
0.00%, 7/01/39	830	726,582
0.00%, 7/01/43	270	236,350
		6,266,192
Louisiana 1.5%		
City of Alexandria Louisiana Utilities, RB, 5.00%, 5/01/39	860	958,797
Louisiana Local Government Environmental Facilities & Community Development Authority, RB, Westlake Chemical Corp. Project, Series A-1, 6.50%, 11/01/35	1,050	1,189,576
Louisiana Public Facilities Authority, RB, Belle Chasse Educational Foundation Project, 6.50%, 5/01/31	400	441,804
		2,590,177
Maryland 0.2%		
County of Anne Arundel Maryland Consolidated, RB, Special Taxing District, Villages at Two Rivers Project: 5.13%, 7/01/36	170	172,710
5.25%, 7/01/44	170	172,451
		345,161
	Par (000)	Value
Municipal Bonds		
Massachusetts 2.1%		
Massachusetts Development Finance Agency, RB, Emerson College Issue, Series A: 5.00%, 1/01/47	\$ 630	\$ 706,797
5.25%, 1/01/42	565	650,897
Massachusetts Development Finance Agency, Refunding RB, International Charter School, 5.00%, 4/15/40	400	430,392
Massachusetts Port Authority, Refunding ARB, Series A, AMT, 5.00%, 7/01/42	1,500	1,740,600

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

		3,528,686
Michigan 5.1%		
Michigan Finance Authority, RB, Detroit Water & Sewage Disposal System, Senior Lien, Series 2014 C-2, AMT, 5.00%, 7/01/44	240	256,860
Michigan Finance Authority, Refunding RB, Henry Ford Health System, 5.00%, 11/15/41	5,560	6,271,903
Michigan State Hospital Finance Authority, Refunding RB, Trinity Health Credit Group, Series C, 4.00%, 12/01/32	2,100	2,183,748
State of Michigan Building Authority, Refunding RB, Facilities Program, Series I, 6.25%, 10/15/38	40	42,288
		8,754,799
Minnesota 4.5%		
City of Maple Grove Minnesota, Refunding RB, Maple Grove Hospital, Corp., 4.00%, 5/01/37	880	915,790
City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC), 6.50%, 11/15/38	3,890	4,125,695
Minneapolis-St. Paul Metropolitan Airports Commission, Refunding ARB, Sub Series D, AMT, 5.00%, 1/01/41	290	332,827
Minnesota Higher Education Facilities Authority, RB: Augsburg College, Series B, 4.25%, 5/01/40	1,185	1,188,033
College of St. Benedict, Series 8-K, 5.00%, 3/01/37	660	742,051
College of St. Benedict, Series 8-K, 4.00%, 3/01/43	385	397,047
		7,701,443
Mississippi 1.9%		
County of Warren Mississippi, RB, Gulf Opportunity Zone Bonds, International Paper Co. Project, Series A, 5.38%, 12/01/35	400	441,032
Mississippi Development Bank, RB, Special Obligation: CAB, Hinds Community College District (AGM), 5.00%, 4/01/36	845	914,848
County of Jackson Limited Tax Note (AGC), 5.50%, 7/01/32	1,750	1,873,287
		3,229,167
Missouri 3.1%		
Missouri Development Finance Board, RB, Annual Appropriation Sewer System, Series B, 5.00%, 11/01/41	900	964,863
Missouri State Health & Educational Facilities Authority, RB: A.T. Still University of Health Sciences, 5.25%, 10/01/31	500	561,785
A.T. Still University of Health Sciences, 4.25%, 10/01/32	320	341,168
A.T. Still University of Health Sciences, 5.00%, 10/01/39	500	558,160
Heartland Regional Medical Center, 4.13%, 2/15/43	300	311,814
University of Central Missouri, Series C-2, 5.00%, 10/01/34	1,000	1,125,820

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Municipal Bond Trust (BBK)

	Par (000)	Value
Municipal Bonds		
Missouri (continued)		
Missouri State Health & Educational Facilities Authority, Refunding RB, Kansas City University of Medicine and Biosciences, Series A:		
5.00%, 6/01/42	\$ 540	\$ 620,833
5.00%, 6/01/47	770	881,095
		5,365,538
Montana 0.7%		
County of Cascade Montana High School District A Great Falls, GO:		
4.00%, 7/01/34	570	627,906
4.00%, 7/01/35	550	604,885
		1,232,791
Nebraska 1.6%		
Central Plains Energy Project Nebraska, RB, Gas Project No. 3, 5.00%, 9/01/42	600	654,462
County of Douglas Nebraska Hospital Authority No. 3, Refunding RB, Health Facilities Nebraska Methodist Health System, 5.00%, 11/01/45	400	444,684
Nebraska Public Power District, Refunding RB, Series A:		
5.00%, 1/01/32	250	283,758
4.00%, 1/01/44	400	410,556
Public Power Generation Agency, Refunding RB, 3.13%, 1/01/35	960	934,339
		2,727,799
Nevada 1.2%		
City of Las Vegas Nevada, RB, Special Assessment, No. 809 Summerlin Area, 5.65%, 6/01/23	1,025	1,018,706
County of Clark Nevada, Refunding ARB, Department of Aviation, Subordinate Lien, Series A-2, 4.25%, 7/01/36	1,000	1,069,020
		2,087,726
New Jersey 13.9%		
New Jersey EDA, RB:		
Continental Airlines, Inc. Project, AMT, Series B, 5.63%, 11/15/30	660	744,975
Goethals Bridge Replacement Project (AGM), AMT, 5.13%, 7/01/42	200	220,038
School Facilities Construction, Series UU, 5.00%, 6/15/40	425	450,802
New Jersey EDA, Refunding RB:		
Series B, 5.50%, 6/15/30	1,250	1,453,975
Special Assessment, Kapkowski Road Landfill Project, 6.50%, 4/01/28	7,500	8,841,750
New Jersey Educational Facilities Authority, Refunding RB, College of New Jersey, Series G, 3.50%, 7/01/31	900	920,556
New Jersey Health Care Facilities Financing Authority, Refunding RB, St. Barnabas Health Care System, Series A:		
4.63%, 7/01/21 (b)	510	576,473
5.63%, 7/01/21 (b)	1,700	1,985,855
5.00%, 7/01/25	500	570,260
New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series AA, 6.50%, 10/01/38	15	15,072
New Jersey State Turnpike Authority, RB, Series E, 5.00%, 1/01/45	1,860	2,134,815
New Jersey Transportation Trust Fund Authority, RB:		
CAB, Transportation System, Series A, 0.00%, 12/15/35 (d)	1,000	430,640
Transportation Program, Series AA, 5.00%, 6/15/45	900	962,154
Transportation Program, Series AA, 5.00%, 6/15/46	400	427,348
	Par (000)	Value
Municipal Bonds		
New Jersey (continued)		
New Jersey Turnpike Authority, Refunding RB, Series B, 5.00%, 1/01/40	\$ 1,000	\$ 1,177,510
Tobacco Settlement Financing Corp., Refunding RB, Series 1A, 5.00%, 6/01/41	3,000	2,899,020
		23,811,243
New Mexico 1.1%		
New Mexico Finance Authority, RB, Senior Lien, Series A:		
3.25%, 6/01/33	545	563,426

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

3.25%, 6/01/34 New Mexico Hospital Equipment Loan Council, Refunding RB, Presbyterian Healthcare Services, 5.00%, 8/01/44	840 450	860,597 511,295
		1,935,318
New York 6.0%		
City of New York New York Industrial Development Agency, RB, PILOT, Queens Baseball Stadium (AMBAC), 5.00%, 1/01/39	925	939,670
Counties of New York Tobacco Trust IV, Refunding RB, Settlement Pass-Through Turbo, Series A, 6.25%, 6/01/41 (a)	900	925,533
Counties of New York Tobacco Trust VI, Refunding RB, Settlement Pass-Through Turbo, Series C, 4.00%, 6/01/51	500	468,655
Erie Tobacco Asset Securitization Corp., Refunding RB, Asset-Backed, Series A, 5.00%, 6/01/45	1,160	1,140,930
Hudson Yards Infrastructure Corp., Refunding RB, Series A, 5.00%, 2/15/37	2,190	2,599,793
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	800	865,072
3 World Trade Center Project, Class 2, 5.38%, 11/15/40 (a)	405	449,433
New York Transportation Development Corp., ARB, LaGuardia Airport Terminal B Redevelopment Project, Series A, AMT, 5.00%, 7/01/41	1,000	1,104,490
New York Transportation Development Corp., Refunding RB, American Airlines, Inc., AMT, 5.00%, 8/01/31	1,295	1,383,435
Niagara Area Development Corp., Refunding RB, Solid Waste Disposal Facility, Covanta Energy Project, Series A, AMT, 5.25%, 11/01/42 (a)	400	400,816
		10,277,827
North Dakota 0.3%		
County of Burleigh North Dakota, Refunding RB, St. Alexius Medical Center Project, Series A, 5.00%, 7/01/21 (b)	480	548,904
Ohio 2.4%		
Buckeye Tobacco Settlement Financing Authority, RB, Asset-Backed, Senior Turbo Term, Series A-2, 6.50%, 6/01/47	2,000	1,990,080
City of Dayton Ohio Airport Revenue, Refunding ARB, James M. Cox Dayton International Airport, Series A (AGM), AMT, 4.00%, 12/01/32	2,000	2,076,160
		4,066,240
Oklahoma 1.8%		
Norman Oklahoma Regional Hospital Authority, Refunding RB, 4.00%, 9/01/37	1,275	1,312,918
Oklahoma City Public Property Authority, Refunding RB, 5.00%, 10/01/39	720	819,893
Oklahoma Development Finance Authority, RB, Provident Oklahoma Education Resources, Inc., Cross Village Student Housing Project, Series A, 5.25%, 8/01/57	820	903,911
		3,036,722

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Municipal Bond Trust (BBK)

	Par (000)	Value
Municipal Bonds		
Oregon 1.6%		
County of Lane Oregon School District No. 19 Springfield, GO, CAB, Series B, 0.00%, 6/15/40 (d)	\$ 1,000	\$ 419,060
Oregon Health & Science University, RB, Series A, 4.00%, 7/01/37	675	720,812
State of Oregon State Facilities Authority, Refunding RB, University of Portland Project, Series A, 5.00%, 4/01/45	1,475	1,665,187
		2,805,059
Pennsylvania 7.8%		
County of Allegheny Pennsylvania IDA, Refunding RB, U.S. Steel Corp. Project, 6.55%, 12/01/27	1,695	1,772,207
Delaware River Port Authority, RB: 4.50%, 1/01/32	1,500	1,667,235
Series D (AGM), 5.00%, 1/01/40	2,600	2,817,204
Pennsylvania Turnpike Commission, RB, Sub-Series B-1, 5.00%, 6/01/42	5,000	5,667,800
Pottsville Hospital Authority, Refunding RB, Lehigh Valley Health Network, Series B, 5.00%, 7/01/45	1,250	1,402,375
		13,326,821
Puerto Rico 1.1%		
Children s Trust Fund, Refunding RB, Tobacco Settlement Asset-Backed Bonds: 5.50%, 5/15/39	940	944,606
5.63%, 5/15/43	890	895,474
		1,840,080
Rhode Island 4.5%		
Rhode Island Health & Educational Building Corp., Refunding RB, Series A (AGM), 3.75%, 5/15/32	1,155	1,206,536
Rhode Island Turnpike & Bridge Authority, Refunding RB, Series A, 5.00%, 10/01/40	1,540	1,774,034
State of Rhode Island, COP, School for the Deaf Project, Series C (AGC), 5.38%, 4/01/19 (b)	900	963,684
Tobacco Settlement Financing Corp., Refunding RB: Series A, 5.00%, 6/01/40	1,000	1,085,440
Series B, 4.50%, 6/01/45	2,730	2,761,914
		7,791,608
Tennessee 2.9%		
Chattanooga Health Educational & Housing Facility Board, RB, Catholic Health Initiatives, Series A, 5.25%, 1/01/40	1,950	2,074,585
County of Chattanooga-Hamilton Tennessee Hospital Authority, Refunding RB, Series A, 5.00%, 10/01/44	875	954,966
County of Memphis-Shelby Tennessee Sports Authority, Inc., Refunding RB, Memphis Arena Project, Series A, 5.38%, 11/01/28	275	300,303
Johnson City Health & Educational Facilities Board, RB, Mountain States Health, Series A, 5.00%, 8/15/42	800	859,040
Metropolitan Government of Nashville & Davidson County Health & Educational Facilities Board, RB, Vanderbilt University Medical Center, Series A, 5.00%, 7/01/40	675	765,045
		4,953,939
Texas 8.7%		
County of Harris Texas Houston Sports Authority, Refunding RB, CAB, Senior Lien, Series G (NPFGC), 0.00%, 11/15/41 (d)	11,690	3,652,190
County of Matagorda Texas Navigation District No. 1, Refunding RB, Central Power & Light Co., Project, Series A, 6.30%, 11/01/29	1,500	1,663,395
County of Midland Texas Fresh Water Supply District No. 1, RB, CAB, City of Midland Project, Series A, 0.00%, 9/15/38 (d)	10,760	4,454,640
	Par (000)	Value
Municipal Bonds		
Texas (continued)		
Leander Independent School District, GO, Refunding, CAB, Series D (PSF-GTD) (d): 0.00%, 8/15/24 (b)	\$ 370	\$ 196,196
0.00%, 8/15/35	3,630	1,774,525
Red River Texas Education Financing Corp., RB, Texas Christian University Project, 5.25%, 3/15/38	760	869,159

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien, LBJ Infrastructure Group LLC, 7.00%, 6/30/40	2,000	2,267,580
		14,877,685
Utah 0.2%		
Utah State Charter School Finance Authority, Refunding RB, Mountainville Academy, 4.00%, 4/15/42	400	411,956
Vermont 0.8%		
University of Vermont & State Agricultural College, Refunding RB, 4.00%, 10/01/37	500	528,735
Vermont Student Assistance Corp., RB, Series A, 4.13%, 6/15/30	810	852,444
		1,381,179
Virginia 0.8%		
Ballston Quarter Community Development Authority, Tax Allocation Bonds, Series A, 5.38%, 3/01/36	490	494,415
Virginia Small Business Financing Authority, RB, Senior Lien, Elizabeth River Crossings OpCo LLC Project, AMT, 6.00%, 1/01/37	725	824,593
		1,319,008
Wisconsin 0.6%		
Public Finance Authority, Refunding RB, National Gypsum Co., AMT, 4.00%, 8/01/35	280	272,955
WPPI Energy Power Supply Systems, Refunding RB, Series A, 5.00%, 7/01/37	665	752,740
		1,025,695
Total Municipal Bonds 134.7%		231,244,523
 Municipal Bonds Transferred to Tender Option Bond Trusts (g)		
Colorado 2.2%		
Colorado Health Facilities Authority, RB, Catholic Health, Series C-7 (AGM), 5.00%, 5/01/18 (b)	3,750	3,855,413
Connecticut 1.7%		
Connecticut State Health & Educational Facility Authority, Refunding RB, Trinity Health Credit Group, 5.00%, 12/01/45	2,611	2,980,034
Georgia 2.7%		
City of Atlanta Georgia Water & Wastewater Revenue, Refunding RB, 5.00%, 11/01/43	4,003	4,639,592
New Jersey 0.9%		
New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B, 5.25%, 6/15/36 (h)	1,400	1,480,883
New York 12.8%		
City of New York New York, GO, Fiscal 2015, Series B, 4.00%, 8/01/32	3,990	4,370,566
City of New York New York Municipal Water Finance Authority, RB, Water & Sewer System, Fiscal 2009, Series A:		
5.75%, 6/15/18 (b)	104	107,659
5.75%, 6/15/40	346	360,061

See Notes to Financial Statements.

ANNUAL REPORT

AUGUST 31, 2017

21

Schedule of Investments (continued)

BlackRock Municipal Bond Trust (BBK)

Municipal Bonds Transferred to Tender Option Bond Trusts (g) New York (continued)	Par (000)	Value
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	\$ 6,873,707
Series FF-2, 5.50%, 6/15/40	405	437,837
Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (h)	2,500	2,888,705
New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated Bonds, 5.25%, 12/15/43	2,505	2,852,232
State of New York Dormitory Authority, RB, State University Dormitory Facilities, New York University, Series A, 5.00%, 7/01/18 (b)	2,199	2,277,220
State of New York Thruway Authority, Refunding RB, Transportation, Personal Income Tax, Series A, 5.00%, 3/15/31	1,560	1,786,153
		21,954,140
Ohio 1.9%		
County of Montgomery Ohio, RB, Catholic Health, Series C-1 (AGM), 5.00%, 4/28/18 (b)	1,260	1,294,726
Ohio Higher Educational Facility Commission, RB, Cleveland Clinic Health, Series A, 5.25%, 1/01/18 (b)	2,000	2,028,800
		3,323,526
Municipal Bonds Transferred to Tender Option Bond Trusts (g) Texas 1.1%	Par (000)	Value
City of San Antonio Texas Public Service Board, RB, Electric & Gas Systems, Junior Lien, 5.00%, 2/01/43	\$ 1,580	\$ 1,798,656
Total Municipal Bonds Transferred to Tender Option Bond Trusts 23.3%		40,032,244
Total Long-Term Investments (Cost \$250,194,591) 158.0%		271,276,767
Short-Term Securities	Shares	
BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.62% (i)(j)	136,442	136,483
Total Short-Term Securities (Cost 136,483) 0.1%		136,483
Total Investments (Cost \$250,331,074) 158.1%		271,413,250
Other Assets Less Liabilities 1.5%		2,642,663
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (13.1)%		(22,451,244)
VMTP Shares at Liquidation Value (46.5)%		(79,900,000)
Net Assets Applicable to Common Shares 100.0%		\$ 171,704,669

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.

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

- (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) 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 February 15, 2019 to June 15, 2019, is \$2,411,645. See Note 4 of the Notes to Financial Statements for details.

- (i) Annualized 7-day yield as of period end.

- (j) During the year ended August 31, 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:

	Shares Held at August 31, 2016	Net Activity	Shares Held at August 31, 2017	Value at August 31, 2017	Income	Net Realized Gain¹	Change in Unrealized Appreciation (Depreciation)
Affiliated							
BlackRock Liquidity Funds, MuniCash, Institutional Class	2,139,553	(2,003,111)	136,442	\$ 136,483	\$ 13,328	\$ 2,430	

¹ Includes net capital gain distributions.

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Municipal Bond Trust (BBK)

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

Description	Number of Contracts	Expiration Date	Notional Amount (000)	Value/ Unrealized Appreciation (Depreciation)
Short Contracts				
5-Year U.S. Treasury Note	(21)	December 2017	\$ 2,489	\$ (3,870)
10-Year U.S. Treasury Note	(53)	December 2017	\$ 6,730	(9,278)
Long U.S. Treasury Bond	(72)	December 2017	\$ 11,239	(50,614)
Ultra Long U.S. Treasury Bond	(15)	December 2017	\$ 2,536	(11,712)
Total				\$ (75,474)

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:

Liabilities	Derivative Financial Instruments	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
	Futures contracts		Net unrealized depreciation ¹			\$ 75,474		\$ 75,474

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 year ended August 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
Net Realized Gain (Loss) from:							
Futures contracts					\$ 642,731		\$ 642,731
Net Change in Unrealized Appreciation (Depreciation) from:							
Futures contracts					\$ (89,339)		\$ (89,339)

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						\$ 21,966,457

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

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:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 271,276,767		\$ 271,276,767
Short-Term Securities	\$ 136,483			136,483
Total	\$ 136,483	\$ 271,276,767		\$ 271,413,250
Derivative Financial Instruments ²				
Liabilities:				
Interest rate contracts	\$ (75,474)			\$ (75,474)

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.

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock Municipal Bond Trust (BBK)

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 year ended August 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

Schedule of Investments August 31, 2017

BlackRock Municipal Income Investment Quality Trust (BAF)

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
Alabama 1.9%		
City of Birmingham Alabama Special Care Facilities Financing Authority, RB, Children s Hospital (AGC) (a):		
6.00%, 6/01/19	\$ 1,000	\$ 1,088,090
6.13%, 6/01/19	1,000	1,090,260
City of Selma Alabama IDB, RB, Gulf Opportunity Zone, International Paper Co. Project, Series A, 5.38%, 12/01/35	335	372,704
		2,551,054
California 15.0%		
California Educational Facilities Authority, RB, University of Southern California, Series A, 5.25%, 10/01/18 (a)	2,005	2,102,483
California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 8/15/42	1,120	1,272,141
City of Los Angeles California Department of Water & Power, RB, Power System, Sub-Series A-1, 5.25%, 7/01/38	1,175	1,217,171
County of Sacramento California, ARB, Senior Series A (AGC), 5.50%, 7/01/18 (a)	1,400	1,455,482
Kern Community College District, GO, Safety, Repair & Improvement, Series C, 5.50%, 11/01/33	1,025	1,258,157
Los Angeles Municipal Improvement Corp., Refunding LRB, Real Property, Series B (AGC), 5.50%, 4/01/19 (a)	3,210	3,447,957
Redondo Beach Unified School District, GO, Election of 2008, Series E, 5.50%, 8/01/21 (a)	1,000	1,173,460
San Diego Public Facilities Financing Authority Water, Refunding RB, Series B (AGC), 5.38%, 8/01/19 (a)	1,125	1,222,132
State of California, GO, Refunding Various Purposes, 4.00%, 11/01/36 (b)	490	531,645
State of California Public Works Board, LRB, Various Capital Projects, Series I: 5.50%, 11/01/30	1,000	1,210,470
5.50%, 11/01/31	1,500	1,811,820
State of California Public Works Board, RB, Department of Corrections & Rehabilitation, Series F, 5.25%, 9/01/33	505	598,617
Township of Washington California Health Care District, GO, Election of 2004, Series B, 5.50%, 8/01/40	380	464,136
University of California, Refunding RB, The Regents of Medical Center, Series J, 5.25%, 5/15/38	2,355	2,776,828
		20,542,499
Colorado 3.9%		
City & County of Denver Colorado Airport System, ARB, Sub-System, Series B, 5.25%, 11/15/32	3,250	3,802,175
Colorado Health Facilities Authority, RB, Hospital, NCMC, Inc. Project, Series B (AGM), 6.00%, 5/15/19 (a)	1,425	1,547,977
		5,350,152
Florida 9.3%		
City of Jacksonville Florida, RB, Series A, 5.25%, 10/01/31	4,525	5,212,574
City of Jacksonville Florida, Refunding RB, Series A, 5.25%, 10/01/33	205	243,109
County of Miami-Dade Florida, RB, Seaport Department, Series A, 6.00%, 10/01/38	4,215	5,084,891
County of Orange Florida Health Facilities Authority, Refunding RB, Presbyterian Retirement Communities Project, 5.00%, 8/01/41	1,305	1,423,690
Reedy Creek Florida Improvement District, GO, Series A, 5.25%, 6/01/32	745	878,534
		12,842,798
Municipal Bonds		
Georgia 2.1%		
City of Atlanta Georgia Department of Aviation, Refunding GARB, Series C, 6.00%, 1/01/30	\$ 2,500	\$ 2,906,075
Illinois 22.3%		
City of Chicago Illinois, Refunding GARB, O Hare International Airport, 3rd Lien, Series C (AGC), 5.25%, 1/01/30	1,000	1,080,850
City of Chicago Illinois O Hare International Airport, ARB, 3rd Lien, Series A: 5.75%, 1/01/21 (a)	690	795,453
5.75%, 1/01/39	135	153,206
City of Chicago Illinois O Hare International Airport, GARB, 3rd Lien, Series C, 6.50%, 1/01/21 (a)	3,740	4,403,214

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

City of Chicago Illinois Transit Authority, RB:		
Federal Transit Administration, Section 5309, Series A (AGC), 6.00%, 12/01/18 (a)	1,300	1,383,447
Sales Tax Receipts, 5.25%, 12/01/36	3,185	3,460,853
Sales Tax Receipts, 5.25%, 12/01/40	3,000	3,242,430
City of Chicago Illinois Transit Authority, Refunding RB, Federal Transit Administration, Section 5309 (AGM), 5.00%, 6/01/28	3,000	3,184,590
City of Chicago Illinois Wastewater Transmission, RB, 2nd Lien, 5.00%, 1/01/42	1,480	1,561,770
County of Cook Illinois Community College District No. 508, GO, City College of Chicago: 5.50%, 12/01/38	855	920,835
5.25%, 12/01/43	1,430	1,506,877
Illinois Finance Authority, RB, Carle Foundation, Series A, 6.00%, 8/15/41	1,885	2,154,140
Railsplitter Tobacco Settlement Authority, RB:		
5.50%, 6/01/23	915	1,043,137
6.00%, 6/01/28	260	296,382
State of Illinois, GO:		
5.25%, 2/01/31	610	658,483
5.25%, 2/01/32	1,000	1,076,540
5.50%, 7/01/33	1,000	1,083,250
5.50%, 7/01/38	270	291,600
State of Illinois Toll Highway Authority, Refunding RB, Series B, 5.50%, 1/01/18 (a)	2,250	2,285,482
		30,582,539
Indiana 1.8%		
Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC):		
5.50%, 1/01/19 (a)	470	499,361
5.50%, 1/01/38	1,945	2,051,002
		2,550,363
Kentucky 0.7%		
Kentucky State Property & Building Commission, Refunding RB, Project No. 93, (AGC) (a):		
5.25%, 2/01/19	800	849,024
5.25%, 2/01/19	100	105,964
		954,988
Louisiana 1.0%		
City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC) (a):		
Series A-1, 6.00%, 1/01/19	375	400,492
Series A-2, 6.00%, 1/01/19	150	160,197
Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29	790	834,430
		1,395,119
Massachusetts 1.5%		
Massachusetts Development Finance Agency, RB, Emerson College Issue, Series A, 5.00%, 1/01/47	695	779,720

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Municipal Income Investment Quality Trust (BAF)

	Par (000)	Value
Municipal Bonds		
Massachusetts (continued)		
Massachusetts Development Finance Agency, Refunding RB, Series A:		
Emerson College, 5.00%, 1/01/36 (b)	\$ 395	\$ 458,066
Emerson College, 5.00%, 1/01/37 (b)	215	248,712
Emmanuel College Issue, 5.00%, 10/01/35	500	574,695
		2,061,193
Michigan 2.3%		
City of Detroit Michigan Water Supply System Revenue, RB, 2nd Lien, Series B (AGM):		
6.25%, 7/01/19 (a)	1,695	1,860,144
6.25%, 7/01/36	5	5,408
Royal Oak Michigan Hospital Finance Authority, Refunding RB, William Beaumont Hospital, Series V, 8.25%, 9/01/18 (a)	1,205	1,294,531
		3,160,083
Minnesota 2.8%		
City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC):		
6.50%, 11/15/18 (a)	565	603,250
6.50%, 11/15/38	3,115	3,303,738
		3,906,988
Mississippi 1.8%		
Mississippi Development Bank, RB, Jackson Water & Sewer System Project (AGM),		
6.88%, 12/01/40	1,000	1,284,290
Mississippi State University Educational Building Corp., Refunding RB, Mississippi State University Improvement Project, 5.25%, 8/01/38	1,000	1,171,950
		2,456,240
Montana 0.5%		
Missoula County Elementary School District No. 1, GO, School Building, 4.00%, 7/01/37 (b)	250	271,515
Missoula High School District No. 1, GO, School Building (b):		
4.00%, 7/01/35	205	223,735
4.00%, 7/01/36	125	135,867
		631,117
Nevada 3.4%		
County of Clark Nevada, GO, Limited Tax, 5.00%, 6/01/18 (a)	2,410	2,487,482
County of Clark Nevada Water Reclamation District, GO, Series A, 5.25%, 7/01/19 (a)	2,000	2,158,960
		4,646,442
New Jersey 4.9%		
New Jersey Health Care Facilities Financing Authority, RB, Virtua Health, Series A (AGC),		
5.50%, 7/01/38	1,300	1,398,085
New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC, 5.25%, 10/01/29	1,480	1,531,253
New Jersey Transportation Trust Fund Authority, RB, Transportation System:		
Series A (AGC), 5.50%, 12/15/38	2,000	2,089,700
Series AA, 5.50%, 6/15/39	1,620	1,771,486
		6,790,524
New York 4.4%		
City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC),		
5.50%, 1/15/29	2,465	2,618,791
Metropolitan Transportation Authority, RB:		
Series A, 5.25%, 11/15/38	1,565	1,797,872
Series A-1, 5.25%, 11/15/39	1,000	1,180,430
	Par (000)	Value
Municipal Bonds		
New York (continued)		
	\$ 430	\$ 430,598

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

Westchester Tobacco Asset Securitization, Refunding RB, Tobacco Settlement Bonds, Sub-Series C,
4.00%, 6/01/42

	6,027,691
Ohio 0.4%	
State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1, 5.25%, 2/15/31	470 557,655
Oklahoma 1.2%	
Norman Regional Hospital Authority, Refunding RB, 5.00%, 9/01/37	490 548,334
Oklahoma Development Finance Authority, RB, Provident Oklahoma Education Resources, Inc., Cross Village Student Housing Project, Series A, 5.25%, 8/01/57	990 1,091,307
	1,639,641
Oregon 0.2%	
County of Clackamas Oregon School District No. 12 North Clackamas, GO, CAB, Series A, 0.00%, 6/15/38 (c)	510 221,070
Pennsylvania 3.1%	
Pennsylvania Housing Finance Agency, RB, S/F Housing Mortgage, Series 123-B, 4.00%, 10/01/42	535 556,068
Pennsylvania Turnpike Commission, RB, Series C, 5.00%, 12/01/43	1,720 1,929,221
Township of Bristol Pennsylvania School District, GO, 5.25%, 6/01/37	1,500 1,725,660
	4,210,949
South Carolina 2.8%	
County of Charleston South Carolina, RB, Special Source, 5.25%, 12/01/38	1,525 1,801,025
State of South Carolina Public Service Authority, RB, Series E, 5.00%, 12/01/48	275 300,809
State of South Carolina Public Service Authority, Refunding RB, Series E, 5.25%, 12/01/55	1,490 1,702,384
	3,804,218
Texas 12.8%	
Austin Community College District Public Facility Corp., RB, Educational Facilities Project, Round Rock Campus, 5.25%, 8/01/18 (a)	1,000 1,040,400
City of Beaumont Texas, GO, Certificates of Obligation, 5.25%, 3/01/37	980 1,137,898
City of Frisco Texas ISD, GO, School Building (AGC), 5.50%, 8/15/41	3,365 3,637,632
City of Houston Texas Combined Utility System Revenue, Refunding RB, Combined 1st Lien, Series A (AGC):	
5.38%, 5/15/19 (a)	945 1,016,914
6.00%, 5/15/19 (a)	2,465 2,678,592
6.00%, 5/15/19 (a)	2,100 2,281,965
6.00%, 11/15/35	135 146,823
6.00%, 11/15/36	115 125,072
5.38%, 11/15/38	55 58,721
County of Tarrant Texas Cultural Education Facilities Finance Corp., Refunding RB, Christus Health, Series A (AGC):	
6.50%, 1/01/19 (a)	205 220,150
6.50%, 7/01/37	795 843,551
Lower Colorado River Authority, Refunding RB, 5.50%, 5/15/33	1,000 1,188,990

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Municipal Income Investment Quality Trust (BAF)

	Par (000)	Value
Municipal Bonds		
Texas (continued)		
North Texas Tollway Authority, Refunding RB, 1st Tier: (AGM), 6.00%, 1/01/43	\$ 1,000	\$ 1,141,890
Series K-1 (AGC), 5.75%, 1/01/19 (a)	1,500	1,596,600
Red River Texas Education Financing Corp., RB, Texas Christian University Project, 5.25%, 3/15/38	440	503,197
		17,618,395
Virginia 1.1%		
City of Lexington Virginia IDA, RB, Washington & Lee University, 5.00%, 1/01/43	370	416,994
State of Virginia Public School Authority, RB, Fluvanna County School Financing, 6.50%, 12/01/18 (a)	1,000	1,070,950
		1,487,944
Washington 1.5%		
City of Seattle Washington Municipal Light & Power, Refunding RB, Series A, 5.25%, 2/01/36	1,025	1,150,440
State of Washington, GO, Various Purposes, Series B, 5.25%, 2/01/36	795	897,388
		2,047,828
Wisconsin 0.6%		
Wisconsin Health & Educational Facilities Authority, Refunding RB, Marshfield Clinic Health System Inc., Series C, 4.00%, 2/15/50 (b)	860	861,987
Total Municipal Bonds 103.3%		141,805,552
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	1,062,170
California 12.6%		
Fremont Union High School District, GO, Refunding, Series A, 4.00%, 8/01/46	1,640	1,763,705
Sacramento Area Flood Control Agency, Refunding RB, Consolidated Capital Assessment District No. 2, Series A, 5.00%, 10/01/43	2,775	3,251,856
San Marcos Unified School District, GO, Election of 2010, Series A, 5.25%, 8/01/31	10,680	12,275,806
		17,291,367
Connecticut 1.1%		
Connecticut State Health & Educational Facility Authority, Refunding RB, Trinity Health Credit Group, 5.00%, 12/01/45	1,306	1,490,017
District of Columbia 0.6%		
District of Columbia Water & Sewer Authority, Refunding RB, Senior Lien, Series A, 6.00%, 10/01/18 (a)(e)	759	802,078
Illinois 5.3%		
State of Illinois Toll Highway Authority, RB: Senior Priority, Series A, 5.00%, 1/01/40	825	942,020
Senior, Series B, 5.00%, 1/01/40	3,329	3,816,343
Series C, 5.00%, 1/01/38	2,252	2,559,374
		7,317,737
Michigan 2.2%		
Michigan State Building Authority, Refunding RB, Facilities Program, Series I, 5.00%, 10/15/45	2,650	3,023,306
Nevada 4.9%		
County of Clark Nevada Water Reclamation District, GO, Limited Tax, 6.00%, 7/01/18 (a)	2,000	2,087,380
Municipal Bonds Transferred to Tender Option Bond Trusts (d)		
Nevada (continued)		
Las Vegas Valley Water District, GO, Refunding, Series C, 5.00%, 6/01/28	\$ 4,100	\$ 4,663,094
		6,750,474
New Jersey 6.5%		

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

New Jersey EDA, RB, School Facilities Construction (AGC) (a):	986	1,052,831
6.00%, 12/15/34	14	14,899
New Jersey State Turnpike Authority, RB, Series A, 5.00%, 1/01/38 (e)	6,020	6,815,363
New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B, 5.25%, 6/15/36 (e)	1,000	1,057,773
		8,940,866
New York 14.3%		
City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer System, 2nd General Resolution:		
Series BB, 5.25%, 6/15/44	4,993	5,688,356
Series FF, 5.00%, 6/15/45	3,019	3,401,168
City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-3, 5.25%, 1/15/39	900	951,597
Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (e)	1,000	1,155,482
Metropolitan Transportation Authority, Refunding RB, Series C-1, 5.25%, 11/15/56	2,540	3,000,592
New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated Bonds, 5.25%, 12/15/43	2,955	3,364,608
New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%, 11/15/51 (e)	1,740	2,025,672
		19,587,475
North Carolina 2.0%		
North Carolina Capital Facilities Finance Agency, Refunding RB, Duke University Project, Series B, 5.00%, 10/01/55	2,400	2,753,352
Pennsylvania 3.4%		
County of Westmoreland Pennsylvania Municipal Authority, Refunding RB, (BAM), 5.00%, 8/15/38	1,349	1,543,554
Pennsylvania Turnpike Commission, RB, Sub-Series A, 5.50%, 12/01/42	1,094	1,303,135
Pennsylvania Turnpike Commission, Refunding RB, Sub-Series B-2 (AGM), 5.00%, 6/01/35	1,640	1,912,404
		4,759,093
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	4,967,336
North Texas Tollway Authority, RB, Special Projects System, Series A, 5.50%, 9/01/41	2,310	2,686,969
		7,654,305
Utah 0.8%		
City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41	1,005	1,066,431
Total Municipal Bonds Transferred to Tender Option Bond Trusts 60.1%		82,498,671
Total Long-Term Investments (Cost \$207,314,278) 163.4%		224,304,223

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Municipal Income Investment Quality Trust (BAF)

	Shares	Value
Short-Term Securities		
BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.62% (f)(g)	189,247	\$ 189,303
Total Short-Term Securities		
(Cost \$189,322) 0.1%		189,303
Total Investments (Cost \$207,503,600) 163.5%		224,493,526
Liabilities in Excess of Other Assets (0.0)%		(7,028)
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (32.8)%		(45,022,626)
VMTP Shares at Liquidation Value (30.7)%		(42,200,000)
Net Assets Applicable to Common Shares 100.0%		\$ 137,263,872

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) When-issued security.
- (c) Zero-coupon bond.
- (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.
- (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) Annualized 7-day yield as of period end.
- (g) During the year ended August 31, 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:

	Shares Held at August 31, 2016	Net Activity	Shares Held at August 31, 2017	Value at August 31, 2017	Income	Net Realized Gain (Depreciation)	Change in Unrealized Appreciation
Affiliated BlackRock Liquidity Funds, MuniCash, Institutional Class	704,474	(515,227)	189,247	\$ 189,303	\$ 2,876	\$ 226	\$ (19)

Derivative Financial Instruments Outstanding as of Period End

 Futures Contracts
Description

Expiration Date

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

	Number of Contracts		Notional Amount (000)	Value/ Unrealized Appreciation (Depreciation)
Short Contracts				
5-Year U.S. Treasury Note	(39)	December 2017	\$ 4,622	\$ (8,735)
10-Year U.S. Treasury Note	(30)	December 2017	\$ 3,810	(7,109)
Long U.S. Treasury Bond	(28)	December 2017	\$ 4,371	(22,932)
Ultra Long U.S. Treasury Bond	(7)	December 2017	\$ 1,183	(5,843)
Total				\$ (44,619)

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:

Liabilities	Derivative Financial Instruments	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
Futures contracts	Net unrealized depreciation ¹					\$ 44,619		\$ 44,619

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.

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock Municipal Income Investment Quality Trust (BAF)

For the year ended August 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
Net Realized Gain (Loss) from:							
Futures contracts					\$ 293,935		\$ 293,935
Net Change in Unrealized Appreciation (Depreciation) from:							
Futures contracts					\$ (57,524)		\$ (57,524)

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:
 Average notional value of contracts short \$ 14,604,024

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		\$ 224,304,223		\$ 224,304,223
Short-Term Securities	\$ 189,303			189,303
Total	\$ 189,303	\$ 224,304,223		\$ 224,493,526

Derivative Financial Instruments²

Liabilities:				
Interest rate contracts		\$ (44,619)		\$ (44,619)

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		\$ (44,937,138)		\$ (44,937,138)
VMTP Shares at Liquidation Value		(42,200,000)		(42,200,000)
Total		\$ (87,137,138)		\$ (87,137,138)

During the year ended August 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

ANNUAL REPORT

AUGUST 31, 2017

29

Schedule of Investments August 31, 2017

BlackRock Municipal Income Quality Trust (BYM)

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
Alabama 3.7%		
City of Birmingham Alabama, GO, Convertible CAB, Series A1, 0.00%, 3/01/45 (a)	\$ 1,165	\$ 1,227,700
City of Birmingham Alabama Airport Authority, ARB, (AGM), 5.50%, 7/01/40	5,800	6,398,560
City of Birmingham Alabama Special Care Facilities Financing Authority, RB, Children s Hospital (AGC), 6.00%, 6/01/19 (b)	1,495	1,626,695
County of Tuscaloosa Board of Education, RB, Special Tax School Warrants, 5.00%, 2/01/43	1,005	1,163,438
State of Alabama Docks Department, Refunding RB, 6.00%, 10/01/20 (b)	3,800	4,369,810
		14,786,203
Alaska 0.3%		
Alaska Industrial Development & Export Authority, RB, Providence Health Services, Series A, 5.50%, 10/01/41	1,070	1,191,648
Arizona 0.7%		
County of Maricopa Arizona IDA, Refunding RB, Banner Health Obligation Group, Series A: 3.25%, 1/01/37	670	665,223
5.00%, 1/01/38	440	514,672
State of Arizona, COP, Department of Administration, Series A (AGM): 5.00%, 10/01/27	1,250	1,350,188
5.25%, 10/01/28	250	271,375
		2,801,458
California 15.7%		
California Health Facilities Financing Authority, RB, St. Joseph Health System, Series A, 5.75%, 7/01/39	625	676,400
California Health Facilities Financing Authority, Refunding RB: Kaiser Permanente, Sub-Series A-2, 5.00%, 11/01/47	1,465	1,920,805
Sutter Health, Series A, 5.00%, 11/15/35	875	1,043,963
Sutter Health, Series A, 5.00%, 11/15/36	660	785,506
California Infrastructure & Economic Development Bank, RB, Bay Area Toll Bridges, 1st Lien, Series A (AMBAC), 5.00%, 1/01/28 (b)	10,100	13,112,729
California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 4/01/42	1,620	1,828,024
City of Los Angeles Department of Airports, RB, Sub-Series B: 5.00%, 5/15/36	625	744,638
5.00%, 5/15/37	875	1,040,848
Coast Community College District, GO, CAB, Election of 2002, Series C (AGM), 5.00%, 8/01/18 (b)	7,450	7,741,891
Monterey Peninsula Community College District, GO, CAB, Series C (AGM) (b)(c): 0.00%, 2/01/18	13,575	6,813,971
0.00%, 2/01/18	14,150	6,740,777
Mount San Antonio Community College District, GO, Refunding, CAB, Election of 2008, Series A, 0.00%, 8/01/43 (a)	1,580	1,301,936
San Diego California Unified School District, GO, Election of 2008 (c): CAB, Series C, 0.00%, 7/01/38	2,000	945,240
CAB, Series G, 0.00%, 7/01/34	725	343,338
CAB, Series G, 0.00%, 7/01/35	775	344,999
CAB, Series G, 0.00%, 7/01/36	1,155	483,933
CAB, Series G, 0.00%, 7/01/37	770	303,203
	Par (000)	Value
Municipal Bonds		
California (continued)		
San Diego California Unified School District, GO, Refunding, CAB, Series R-1, 0.00%, 7/01/31 (c)	\$ 1,400	\$ 909,804
San Diego County Regional Airport Authority, Refunding RB, Series A, 5.00%, 7/01/37	1,750	2,090,497
San Marcos Schools Financing Authority, Refunding LRB, AGM, 5.00%, 8/15/35	1,000	1,189,020
State of California, GO, Refunding, Various Purposes, 5.00%, 10/01/41	1,100	1,254,737
State of California, GO, Various Purposes, 5.00%, 4/01/42	3,000	3,421,890

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

State of California Public Works Board, LRB, Various Capital Projects, Series I, 5.50%, 11/01/33	1,415	1,700,023
Washington Township Health Care District, Refunding RB, Series B, 5.00%, 7/01/30	1,500	1,731,000
Yosemite Community College District, GO, CAB, Election of 2004, Series D, 0.00%, 8/01/37 (c)	10,000	4,856,000
		63,325,172
Colorado 0.6%		
Regional Transportation District, COP, Refunding, Series A, 5.38%, 6/01/31	960	1,053,735
Regional Transportation District, COP, Series A, 5.00%, 6/01/39	1,305	1,485,416
		2,539,151
District of Columbia 3.3%		
District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.75%, 5/15/40	9,500	9,775,025
Washington Metropolitan Area Transit Authority, RB, Series B, 5.00%, 7/01/42	2,850	3,372,148
		13,147,173
Florida 11.5%		
City of Tallahassee Florida Energy System Revenue, RB, (NPFGC): 5.00%, 10/01/32	3,000	3,010,710
5.00%, 10/01/37	5,000	5,017,850
County of Brevard Florida Health Facilities Authority, Refunding RB, Health First, Inc. Project, 5.00%, 4/01/39	1,795	1,992,127
County of Broward Florida School Board, COP, Series A (AGM), 5.25%, 7/01/18 (b)	1,400	1,451,870
County of Broward Florida Water & Sewer Utility, Refunding RB, Series A, 5.25%, 10/01/18 (b)	6,750	7,074,067
County of Miami-Dade Florida, RB, Seaport Department, Series A, 6.00%, 10/01/38	2,770	3,341,673
County of Miami-Dade Florida Aviation, Refunding ARB: Aviation, Miami International Airport, Series A-1, 5.50%, 10/01/41	5,000	5,546,800
Series A, 5.50%, 10/01/36	5,000	5,434,800
County of Miami-Dade Florida Educational Facilities Authority, RB, University of Miami, Series A, 5.00%, 4/01/40	3,910	4,414,155
County of Miami-Dade Florida Health Facilities Authority, Refunding RB, Nicklaus Children's Hospital Project, 5.00%, 8/01/42	685	786,538
County of Miami-Dade Florida Transit System, RB, Surtax (AGM), 5.00%, 7/01/18 (b)	1,300	1,345,578
County of Orange Florida Health Facilities Authority, Refunding RB, Presbyterian Retirement Communities Project: 5.00%, 8/01/41	630	687,298
5.00%, 8/01/47	1,845	2,003,504

See Notes to Financial Statements.

Schedule of Investments (continued)

	Par (000)	Value
Municipal Bonds		
Florida (continued)		
County of Sarasota Florida Public Hospital District, RB, Sarasota Memorial Hospital Project, Series A, 5.63%, 7/01/39	\$ 300	\$ 318,633
Reedy Creek Improvement District, GO, Series A, 5.25%, 6/01/33	1,340	1,575,398
Tohopekaliga Water Authority, Refunding RB, Series A, 5.25%, 10/01/21 (b)	2,000	2,328,760
		46,329,761
Georgia 2.5%		
City of Atlanta Georgia Department of Aviation, Refunding GARB, Series C, 6.00%, 1/01/30	7,500	8,718,225
County of Gainesville Georgia & Hall Hospital Authority, Refunding RB, Northeast Georgia Health System, Inc. Project, Series A, 5.50%, 8/15/54	545	643,759
Private Colleges & Universities Authority, RB, Savannah College of Art & Design: 5.00%, 4/01/33	155	172,315
5.00%, 4/01/44	595	651,817
		10,186,116
Hawaii 1.4%		
State of Hawaii Harbor System, RB, Series A, 5.50%, 7/01/35	5,000	5,507,200
Illinois 13.0%		
City of Chicago Illinois O Hare International Airport, ARB, Senior Lien, Series D, 5.25%, 1/01/42	3,300	3,906,309
City of Chicago Illinois O Hare International Airport, GARB, 3rd Lien, Series A: 5.63%, 1/01/21 (b)	1,230	1,412,962
5.63%, 1/01/35	295	333,179
City of Chicago Illinois O Hare International Airport, Refunding GARB, Senior Lien, Series D, 5.25%, 1/01/34	9,800	11,059,104
City of Chicago Illinois Transit Authority, RB: 5.25%, 12/01/49	3,500	3,910,585
Sales Tax Receipts, 5.25%, 12/01/36	650	706,297
County of Cook Illinois Community College District No. 508, GO, City College of Chicago: 5.13%, 12/01/38	7,700	8,106,945
5.50%, 12/01/38	1,000	1,077,000
5.25%, 12/01/43	500	526,880
County of Cook Illinois Forest Preserve District, GO, Refunding, Limited Tax Project, Series B, 5.00%, 12/15/37	210	224,627
Illinois Finance Authority, Refunding RB: Silver Cross Hospital & Medical Centers, Series C, 4.13%, 8/15/37	3,130	3,208,970
Silver Cross Hospital & Medical Centers, Series C, 5.00%, 8/15/44	390	418,540
University of Chicago Medical Center, Series B, 4.00%, 8/15/41	900	927,162
Railsplitter Tobacco Settlement Authority, RB, 6.00%, 6/01/28	710	809,350
State of Illinois, GO: 5.25%, 7/01/29	8,345	8,994,992
5.50%, 7/01/33	880	953,260
5.50%, 7/01/38	1,475	1,593,000
State of Illinois Toll Highway Authority, Refunding RB, Series B, 5.50%, 1/01/18 (b)	4,500	4,570,965
		52,740,127
Indiana 1.8%		
Indiana Finance Authority, RB, CWA Authority Project, 1st Lien, Series A, 5.25%, 10/01/38	1,100	1,257,256
Municipal Bonds		
Indiana (continued)		
Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC): 5.50%, 1/01/19 (b)	\$ 1,125	\$ 1,195,279
5.50%, 1/01/38	4,625	4,877,062

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

		7,329,597
Iowa 2.2%		
Iowa Finance Authority, RB, Iowa Health Care Facilities:		
Genesis Health System, 5.50%, 7/01/33	3,000	3,539,100
Series A (AGC), 5.63%, 8/15/19 (b)	5,000	5,455,650
		8,994,750
Kentucky 0.4%		
State of Kentucky Property & Building Commission, Refunding RB, Project No. 93 (AGC):		
5.25%, 2/01/19 (b)	1,330	1,411,502
5.25%, 2/01/29	170	180,039
		1,591,541
Massachusetts 1.3%		
Massachusetts Development Finance Agency, RB, Emerson College Issue, Series A, 5.00%, 1/01/47	2,370	2,658,903
Massachusetts Development Finance Agency, Refunding RB, Series A:		
Emerson College, 5.00%, 1/01/40 (d)	610	699,877
Emmanuel College Issue, 5.00%, 10/01/43	420	469,342
Massachusetts School Building Authority, RB, Dedicated Sales Tax, Senior Series A, 5.00%, 5/15/43	1,395	1,597,680
		5,425,802
Michigan 6.2%		
City of Detroit Michigan Sewage Disposal System, Refunding RB, 2nd Lien, Series E (BHAC), 5.75%, 7/01/18 (b)	3,000	3,122,040
City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A, 5.50%, 7/01/41	1,100	1,256,453
Michigan Finance Authority, Refunding RB:		
Henry Ford Health System, 5.00%, 11/15/41	2,235	2,521,170
Henry Ford Health System, 3.25%, 11/15/42	995	918,902
Trinity Health Credit Group, 5.00%, 12/01/21 (b)	30	34,840
Trinity Health Credit Group, 5.00%, 12/01/39	9,020	10,175,913
Royal Oak Hospital Finance Authority, Refunding RB, Beaumont Health Credit Group, Series D, 5.00%, 9/01/39	1,560	1,738,136
State of Michigan Building Authority, Refunding RB, Facilities Program:		
Series I-A, 5.38%, 10/15/36	2,000	2,273,340
Series I-A, 5.38%, 10/15/41	800	909,336
Series II-A, 5.38%, 10/15/36	1,500	1,699,905
Western Michigan University, Refunding RB, General, University and College Improvements (AGM), 5.00%, 11/15/39	430	480,671
		25,130,706
Nebraska 1.8%		
Central Plains Energy Project Nebraska, RB, Gas Project No. 3, 5.25%, 9/01/37	6,345	7,059,384

See Notes to Financial Statements.

Schedule of Investments (continued)

	Par (000)	Value
Municipal Bonds		
Nevada 1.9%		
County of Clark Nevada, ARB, Las Vegas-McCarran International Airport, Series A: 5.25%, 7/01/42	\$ 3,000	\$ 3,259,110
(AGM), 5.25%, 7/01/39	4,100	4,463,998
		7,723,108
New Jersey 6.7%		
New Jersey EDA, RB, Series WW:		
5.25%, 6/15/33	170	186,595
5.00%, 6/15/34	225	242,100
5.00%, 6/15/36	1,395	1,498,105
5.25%, 6/15/40	400	439,896
New Jersey Transportation Trust Fund Authority, RB:		
5.00%, 6/15/36	5,070	5,394,024
CAB, Transportation System, Series A, 0.00%, 12/15/38 (c)	5,845	2,147,102
Transportation Program, Series AA, 5.25%, 6/15/33	1,660	1,804,603
Transportation Program, Series AA, 5.00%, 6/15/38	945	1,010,498
Transportation System, Series A, 5.50%, 6/15/41	3,000	3,193,470
Transportation System, Series AA, 5.50%, 6/15/39	3,785	4,138,935
Transportation System, Series B, 5.25%, 6/15/36	5,000	5,287,650
Transportation System, Series D, 5.00%, 6/15/32	900	974,700
New Jersey Turnpike Authority, Refunding RB, Series B, 4.00%, 1/01/37	595	638,750
		26,956,428
New Mexico 0.1%		
New Mexico Hospital Equipment Loan Council, Refunding RB, Presbyterian Healthcare Services, 5.00%, 8/01/44		
	405	460,165
New York 3.8%		
City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4, 5.50%, 1/15/33		
	1,950	2,069,691
City of New York New York Transitional Finance Authority, RB, Future Tax Secured Fiscal, Sub-Series E-1, 5.00%, 2/01/37		
	1,465	1,736,801
City of New York New York Transitional Finance Authority, Refunding RB, Future Tax Secured, Series B, 5.00%, 11/01/32		
	1,650	1,929,774
Hudson Yards Infrastructure Corp., RB, Senior, Fiscal 2012:		
5.75%, 2/15/21 (b)	465	538,889
5.75%, 2/15/47	305	350,927
Hudson Yards Infrastructure Corp., Refunding RB, 2nd Indenture, Series A, 5.00%, 2/15/39	710	838,318
Metropolitan Transportation Authority, Refunding RB, Series B, 5.00%, 11/15/37	1,570	1,844,342
New York City Water & Sewer System, Refunding RB, Second Generation Resolution, 5.00%, 6/15/37		
	2,000	2,393,300
Port Authority of New York & New Jersey, Refunding RB, Consolidated, 205th Series, 5.00%, 11/15/37		
	2,000	2,403,900
State of New York Dormitory Authority, RB, Series B, 5.75%, 3/15/19 (b)		
	1,300	1,397,383
		15,503,325
Municipal Bonds		
Ohio 0.7%		
County of Lucas Ohio, Refunding RB, Promedica Healthcare, Series A, 6.50%, 11/15/37		
	\$ 610	\$ 720,983
State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1: 5.25%, 2/15/32		
	780	923,232
5.25%, 2/15/33	1,095	1,292,330
		2,936,545
Oregon 0.4%		
Counties of Washington & Multnomah Oregon School District No. 48J Beaverton, GO, Convertible CAB, Series D, 0.00%, 6/15/36 (a)		
	945	1,081,723
County of Clackamas Oregon School District No. 12 North Clackamas, GO, CAB, Series A, 0.00%, 6/15/38 (c)		
	1,115	483,319

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

		1,565,042
Pennsylvania 3.5%		
Pennsylvania HFA, RB, S/F Housing Mortgage, Series 118-B, 4.05%, 10/01/40	1,770	1,835,508
Pennsylvania Higher Educational Facilities Authority, Refunding RB, Thomas Jefferson University, Series A, 5.25%, 9/01/50	4,245	4,772,993
Pennsylvania Turnpike Commission, RB:		
Series A, 5.00%, 12/01/38	695	795,650
Series A-1, 5.00%, 12/01/41	2,730	3,124,731
Series B, 5.00%, 12/01/40	1,060	1,213,043
Series C, 5.50%, 12/01/33	630	742,297
Subordinate, Special Motor License Fund, 6.00%, 12/01/20 (b)	625	725,362
Pennsylvania Turnpike Commission, Refunding RB, Series A-1, 5.00%, 12/01/40	850	966,110
		14,175,694
Rhode Island 1.5%		
Rhode Island Commerce Corp., RB, Airport Corp., Series D, 5.00%, 7/01/46	250	281,305
Tobacco Settlement Financing Corp., Refunding RB, Series B, 4.50%, 6/01/45	5,855	5,923,445
		6,204,750
South Carolina 5.0%		
South Carolina Jobs EDA, Refunding RB, Palmetto Health, Series A (AGM), 6.50%, 8/01/39	260	302,900
State of South Carolina Ports Authority, RB, 5.25%, 7/01/40	5,000	5,461,250
State of South Carolina Public Service Authority, RB, Santee Cooper:		
Series A, 5.50%, 12/01/54	6,960	7,950,547
Series E, 5.50%, 12/01/53	610	691,014
State of South Carolina Public Service Authority, Refunding RB, Series B:		
Santee Cooper, 5.00%, 12/01/38	2,360	2,603,009
(AGM), 5.00%, 12/01/56	2,845	3,217,695
		20,226,415
Tennessee 0.0%		
Metropolitan Government of Nashville & Davidson County Health & Educational Facilities Board, RB, Vanderbilt University Medical Center, Series A, 5.00%, 7/01/40	35	39,669
Texas 19.1%		
City of Houston Texas Combined Utility System Revenue, Refunding RB, 1st Lien, Series B, 5.00%, 11/15/36	2,890	3,428,465
City of San Antonio Texas Electric & Gas Revenue, RB, Junior Lien, 5.00%, 2/01/38	615	704,157

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Municipal Income Quality Trust (BYM)

	Par (000)	Value
Municipal Bonds		
Texas (continued)		
Coppell Texas ISD, GO, CAB, Refunding (PSF-GTD), 0.00%, 8/15/30 (c)	\$ 10,030	\$ 7,094,119
County of Harris Texas, GO, Refunding, (NPFGC) (c):		
0.00%, 8/15/25	7,485	6,424,525
0.00%, 8/15/28	10,915	8,587,595
County of Harris Texas Houston Sports Authority, Refunding RB, CAB, Junior Lien, Series H (NPFGC) (c):		
0.00%, 11/15/38	5,785	2,142,301
0.00%, 11/15/39	6,160	2,136,966
County of Midland Texas Fresh Water Supply District No. 1, RB, CAB, City of Midland Project, Series A, 0.00%, 9/15/36 (c)	2,340	1,083,724
Dallas-Fort Worth International Airport, Refunding ARB, Series F, 5.25%, 11/01/33	1,090	1,291,748
Grand Parkway Transportation Corp., RB, Convertible CAB, Series B, 0.00%, 10/01/46 (a)	2,365	2,238,378
Harris County-Houston Texas Sports Authority, Refunding RB, 3rd Lien, Series A (NPFGC) (c):		
0.00%, 11/15/24 (b)	5,965	2,287,339
0.00%, 11/15/38	10,925	3,647,967
Leander ISD, GO, Refunding, CAB, Series D, 0.00%, 8/15/38 (c)	3,775	1,563,529
North Texas Tollway Authority, RB:		
CAB, Special Project System, Series B, 0.00%, 9/01/37 (c)	1,975	796,360
Convertible CAB, Series C, 0.00%, 9/01/45 (a)	2,500	2,961,650
Special Projects System, Series A, 6.00%, 9/01/41	1,000	1,175,350
North Texas Tollway Authority, Refunding RB:		
1st Tier System (NPFGC), 5.75%, 1/01/18 (b)	8,650	8,793,330
1st Tier System (NPFGC), 5.75%, 1/01/40	2,785	2,826,385
1st Tier System, Series A, 6.00%, 1/01/19 (b)	510	544,532
1st Tier System, Series A, 6.00%, 1/01/28	115	122,754
1st Tier System, Series S (NPFGC), 5.75%, 1/01/18 (b)	11,615	11,807,461
Series B, 5.00%, 1/01/40	385	430,726
Texas Municipal Gas Acquisition & Supply Corp. III, RB, Natural Gas Utility Improvements:		
5.00%, 12/15/31	2,105	2,330,003
5.00%, 12/15/32	2,540	2,799,690
		77,219,054
Utah 2.0%		
Salt Lake City Corp. Airport Revenue, RB, Series B, 5.00%, 7/01/42	2,575	3,029,848
Utah Transit Authority, RB, Series A (AGM), 5.00%, 6/15/18 (b)	5,000	5,165,250
		8,195,098
Virginia 0.1%		
County of Fairfax Virginia IDA, Refunding RB, Health Care-Inova Health:		
5.50%, 5/15/19 (b)	140	150,968
5.50%, 5/15/35	260	278,218
		429,186
Washington 2.6%		
Central Puget Sound Regional Transit Authority, RB, Series A (AGM), 5.00%, 11/01/17 (b)	3,500	3,524,955
	Par (000)	Value
Municipal Bonds		
Washington (continued)		
Washington Health Care Facilities Authority, RB:		
MultiCare Health System, Remarketing, Series B, 5.00%, 8/15/44	\$ 2,000	\$ 2,246,540
MultiCare Health System, Series C (AGC), 5.50%, 8/15/18 (b)	4,000	4,176,720
Providence Health & Services, Series A, 5.25%, 10/01/39	675	725,180
		10,673,395
Wisconsin 2.6%		
Public Finance Authority, RB, KU Campus Development Corp., Central District Development Project, 5.00%, 3/01/46	3,215	3,650,375
State of Wisconsin Health & Educational Facilities Authority, RB:		

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

Ascension Health Senior Credit Group, Series E, 5.00%, 11/15/33	1,500	1,617,570
Marshfield Clinic Health System, Inc. Series C, 4.00%, 2/15/42 (d)	5,000	5,054,750
		10,322,695
Total Municipal Bonds 116.4%		470,716,358
Municipal Bonds Transferred to Tender Option Bond Trusts (e)		
Arizona 0.3%		
City of Phoenix Arizona Civic Improvement Corp., Refunding RB, Water System, Junior Lien, Series A, 5.00%, 7/01/19 (b)	1,300	1,397,422
California 2.2%		
California State University, RB, Systemwide, Series A (AGM) (f):		
5.00%, 5/01/18 (b)	3,292	3,384,902
5.00%, 11/01/33	86	88,574
County of San Diego California Water Authority Financing Corp., COP, Refunding, Series A (AGM) (b):		
5.00%, 5/01/18	808	830,991
5.00%, 5/01/18	4,062	4,177,998
San Diego Community College District California, GO, Election of 2002, 5.25%, 8/01/19 (b)	449	486,448
		8,968,913
Connecticut 0.4%		
Connecticut State Health & Educational Facility Authority, Refunding RB, Trinity Health Credit Group, 5.00%, 12/01/45	1,561	1,781,170
District of Columbia 0.3%		
District of Columbia, RB, Series A, 5.50%, 12/01/30 (f)	1,080	1,184,989
Florida 5.9%		
City of Miami Beach Florida, RB, 5.00%, 9/01/45	3,500	4,005,295
County of Miami-Dade Florida, Refunding RB, Transit System Sales Surtax, 5.00%, 7/01/42	1,950	2,221,109
County of Miami-Dade Florida Water & Sewer System, (AGC), 5.00%, 10/01/39	10,101	11,141,676
County of Orange Florida School Board, COP, Series A (AGC), 5.50%, 8/01/19 (b)	6,096	6,629,454
		23,997,534
Illinois 5.1%		
Illinois Finance Authority, RB, The Carle Foundation, Series A (AGM), 6.00%, 8/15/41	2,400	2,742,672

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Municipal Income Quality Trust (BYM)

Municipal Bonds Transferred to Tender Option Bond Trusts (e) Illinois (continued)	Par (000)	Value
State of Illinois, RB, Build Illinois, Series B, 5.25%, 6/15/19 (b)(f)	\$ 1,400	\$ 1,507,442
State of Illinois Toll Highway Authority, RB: Senior Priority, Series A, 5.00%, 1/01/40	3,045	3,476,912
Senior, Series B, 5.00%, 1/01/40	1,170	1,340,877
Series A, 5.00%, 1/01/38	7,714	8,675,531
Series C, 5.00%, 1/01/38	2,658	3,020,061
		20,763,495
Kansas 1.6%		
County of Wyandotte Kansas Unified School District, GO, Series A, 5.50%, 9/01/47	5,363	6,588,741
Maryland 0.9%		
City of Baltimore Maryland Water Utility Fund, RB, Sub-Water Projects, Series A, 5.00%, 7/01/41	3,139	3,671,525
Massachusetts 0.5%		
Commonwealth of Massachusetts, GO, Series A, 5.00%, 3/01/46	1,661	1,922,131
Michigan 0.9%		
Michigan Finance Authority, RB, Beaumont Health Credit Group, Series A, 5.00%, 11/01/44	2,220	2,502,209
Michigan State Building Authority, Refunding RB, Facilities Program, Series I, 5.00%, 10/15/45	960	1,095,235
		3,597,444
Nevada 2.8%		
City of Las Vegas Nevada, GO, Limited Tax, Performing Arts Center, 6.00%, 4/01/19 (b)(f)	4,197	4,535,269
County of Clark Nevada Water Reclamation District, GO, Limited Tax, Series B, 5.75%, 7/01/19 (b)	2,024	2,203,535
Las Vegas Valley Water District Nevada, GO, Refunding, Water Improvement, Series A, 5.00%, 6/01/46	3,900	4,535,310
		11,274,114
New Jersey 0.8%		
County of Hudson New Jersey Improvement Authority, RB, Hudson County Vocational-Technical Schools Project, 5.25%, 5/01/51	920	1,072,315
New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B, 5.25%, 6/15/36 (f)	2,000	2,115,547
		3,187,862
New York 13.5%		
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	7,148,655
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	2,171,620
Series FF, 5.00%, 6/15/39	8,355	9,766,744
Metropolitan Transportation Authority, RB, Sub-Series D-1, 5.25%, 11/15/44	3,850	4,574,724
Metropolitan Transportation Authority, Refunding RB, Series C-1, 5.25%, 11/15/56	1,700	2,008,270
New York City Transitional Finance Authority, Refunding RB, Future Tax Secured, Series B, 5.00%, 11/01/30	12,500	14,664,625
New York State Urban Development Corp., RB, Personal Income Tax, General Purpose, Series A-1, 5.00%, 3/15/43	5,720	6,480,645
Municipal Bonds Transferred to Tender Option Bond Trusts (e) New York (continued)	Par (000)	Value
Port Authority of New York & New Jersey, Refunding RB, Consolidated, 198th Series, 5.25%, 11/15/56	\$ 2,561	\$ 3,027,610
Triborough Bridge & Tunnel Authority, RB, General, Series A-2, 5.25%, 11/15/34 (f)	4,500	4,737,420
		54,580,313

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

Ohio 0.2%		
State of Ohio, RB, Cleveland Clinic Health Obligated Group, Series B, 5.50%, 1/01/34	620	655,830
Pennsylvania 1.8%		
County of Westmoreland Pennsylvania Municipal Authority, Refunding RB, (BAM), 5.00%, 8/15/42	1,020	1,161,862
Pennsylvania Turnpike Commission, RB, Sub-Series A, 5.50%, 12/01/42	4,997	5,950,856
		7,112,718
South Carolina 0.2%		
South Carolina Public Service Authority, Refunding RB, Series A (b)(f): 5.50%, 1/01/19	48	50,755
5.50%, 1/01/19	553	586,866
		637,621
Texas 2.4%		
City of Houston Texas, Refunding RB, Airport System, Senior Lien, Series A, 5.50%, 7/01/34	4,167	4,324,305
County of Tarrant Texas Cultural Education Facilities Finance Corp., RB, Baylor Health Care System Project, Series A, 5.00%, 11/15/38	719	801,902
County of Tarrant Texas Cultural Education Facilities Finance Corp., Refunding RB, Texas Health Resources System, Series A, 5.00%, 2/15/41	3,920	4,551,708
		9,677,915
Washington 1.0%		
Washington Health Care Facilities Authority, Refunding RB, Seattle Children's Hospital, Series B, 5.00%, 10/01/38	3,210	3,943,036
Wisconsin 1.6%		
Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert & Community Health, Inc., Obligated Group: Series A, 5.00%, 4/01/42	3,520	3,835,673
Series C, 5.25%, 4/01/19 (b)	2,500	2,671,400
		6,507,073
Total Municipal Bonds Transferred to Tender Option Bond Trusts 42.4%		171,449,846
Total Long-Term Investments (Cost \$591,528,601) 158.8%		642,166,204

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Municipal Income Quality Trust (BYM)

	Shares		Value
Short-Term Securities			
BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.62% (g)(h)	1,889,865	\$	1,890,432
Total Short-Term Securities			1,890,432
(Cost \$1,890,432) 0.4%			644,056,636
Total Investments (Cost \$593,419,033) 159.2%			(839,696)
Liabilities in Excess of Other Assets (0.2)%			(101,542,715)
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (25.1)%			(137,200,000)
VMTP Shares at Liquidation Value (33.9)%			
Net Assets Applicable to Common Shares 100.0%		\$	404,474,225

Notes to Schedule of Investments

- (a) Step-up bond that pays an initial coupon rate for the first period and then a higher coupon rate for the following periods. Rate as of period end.
- (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) 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 November 1, 2017 and June 15, 2019 is \$10,516,858. See Note 4 of the Notes to Financial Statements for details.
- (g) Annualized 7-day yield as of period end.
- (h) During the year ended August 31, 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:

	Shares Held at August 31, 2016	Net Activity	Shares Held at August 31, 2017	Value at August 31, 2017	Income	Net Realized Gain ¹ (Depreciation)	Change in Unrealized Appreciation
Affiliated							
BlackRock Liquidity Funds, MuniCash, Institutional Class	3,605,050	(1,715,185)	1,889,865	\$ 1,890,432	\$ 26,387	\$ 5,994	
¹ Includes net capital gain distributions.							

Derivative Financial Instruments Outstanding as of Period End

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

Futures Contracts

Description	Number of Contracts	Expiration Date	Notional Amount (000)	Value/ Unrealized Appreciation (Depreciation)
Short Contracts				
5-Year U.S. Treasury Note	(58)	December 2017	\$ 6,873	\$ (13,440)
10-Year U.S. Treasury Note	(141)	December 2017	\$ 17,905	(25,725)
Long U.S. Treasury Bond	(128)	December 2017	\$ 19,980	(89,796)
Ultra Long U.S. Treasury Bond	(27)	December 2017	\$ 4,565	(19,610)
Total				\$ (148,571)

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:

Liabilities	Derivative Financial Instruments	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
Futures contracts	Net unrealized depreciation ¹					\$ 148,571		\$ 148,571

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.

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock Municipal Income Quality Trust (BYM)

For the year ended August 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
Net Realized Gain (Loss) from:							
Futures contracts					\$1,027,180		\$ 1,027,180
Net Change in Unrealized Appreciation (Depreciation) from:							
Futures contracts					\$(179,501)		\$ (179,501)

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	\$ 47,562,867

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:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 642,166,204		\$ 642,166,204
Short-Term Securities	\$ 1,890,432			1,890,432
Total	\$ 1,890,432	\$ 642,166,204		\$ 644,056,636
Derivative Financial Instruments ²				
Liabilities:				
Interest rate contracts	\$ (148,571)			\$ (148,571)

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:

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

	Level 1	Level 2	Level 3	Total
Liabilities:				
TOB Trust Certificates		\$ (101,288,260)		\$ (101,288,260)
VMTP Shares at Liquidation Value		(137,200,000)		(137,200,000)
Total		\$ (238,488,260)		\$ (238,488,260)

During the year ended August 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

Schedule of Investments August 31, 2017

BlackRock Municipal Income Trust II (BLE)

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
Alabama 2.1%		
County of Jefferson Alabama Sewer, Refunding RB:		
Senior Lien, Series A (AGM), 5.00%, 10/01/44	\$ 540	\$ 608,996
Senior Lien, Series A (AGM), 5.25%, 10/01/48	1,320	1,507,691
Sub-Lien, Series D, 7.00%, 10/01/51	3,220	3,962,950
Lower Alabama Gas District, RB, Series A, 5.00%, 9/01/46	1,170	1,448,729
		7,528,366
Arizona 2.8%		
City of Phoenix Arizona IDA, RB, Legacy Traditional Schools Projects, Series A, 5.00%, 7/01/46 (a)		
	1,825	1,869,731
Salt Verde Financial Corp., RB, Senior:		
5.00%, 12/01/32	5,635	6,782,906
5.00%, 12/01/37	1,000	1,217,890
		9,870,527
California 10.9%		
Bay Area Toll Authority, Refunding RB, San Francisco Bay Area Toll Bridge, Series F-1, 5.63%, 4/01/19 (b)		
	2,480	2,668,703
California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 8/15/42		
	3,500	3,975,440
California Health Facilities Financing Authority, Refunding RB, St. Joseph Health System, Series A, 5.00%, 7/01/33		
	1,365	1,566,679
California Municipal Finance Authority, RB, Senior, Caritas Affordable Housing, Inc. Projects, S/F Housing, Series A:		
5.25%, 8/15/39	160	177,254
5.25%, 8/15/49	395	434,780
California Municipal Finance Authority, Refunding RB, Community Medical Centers, Series A:		
5.00%, 2/01/36	345	395,743
5.00%, 2/01/37	260	297,557
California Pollution Control Financing Authority, RB, Poseidon Resources (Channel Side) LP Desalination Project, AMT, 5.00%, 11/21/45 (a)		
	1,655	1,776,146
California Statewide Communities Development Authority, RB, Loma Linda University Medical Center, Series A, 5.00%, 12/01/46 (a)		
	490	531,875
City of Los Angeles California Department of Airports, Refunding ARB, Los Angeles International Airport, Series A:		
Senior, 5.00%, 5/15/40	6,500	7,150,520
5.25%, 5/15/39	860	921,069
City of Stockton California Public Financing Authority, RB, Delta Water Supply Project, Series A, 6.25%, 10/01/38		
	380	471,755
San Marcos Unified School District, GO, CAB, Election of 2010, Series B (c):		
0.00%, 8/01/33	3,000	1,756,920
0.00%, 8/01/43	2,500	930,525
State of California, GO, Various Purposes:		
6.00%, 3/01/33	1,760	1,977,378
6.50%, 4/01/33	10,645	11,614,972
State of California Public Works Board, LRB, Various Capital Projects:		
Series I, 5.00%, 11/01/38	825	941,655
Sub-Series I-1, 6.38%, 11/01/19 (b)	1,280	1,432,666
		39,021,637
Colorado 0.7%		
Colorado Health Facilities Authority, Refunding RB, Catholic Health Initiative, Series A, 5.50%, 7/01/34		
	2,330	2,421,616
Colorado High Performance Transportation Enterprise, RB, C-470 Express Lanes, 5.00%, 12/31/47		
	235	261,146
		2,682,762
Municipal Bonds	Par (000)	Value

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

Connecticut 0.3%

Connecticut State Health & Educational Facility Authority, RB, Ascension Health Senior Credit, Series A, 5.00%, 11/15/40	\$ 1,005	\$ 1,074,435
--	----------	--------------

Delaware 2.0%

County of Sussex Delaware, RB, NRG Energy, Inc., Indian River Power LLC Project, 6.00%, 10/01/40	1,240	1,333,781
Delaware Transportation Authority, RB, U.S. 301 Project, 5.00%, 6/01/55	1,260	1,412,687
State of Delaware EDA, RB, Exempt Facilities, Indian River Power LLC Project, 5.38%, 10/01/45	4,275	4,448,822

7,195,290

District of Columbia 4.7%

District of Columbia, Refunding RB:

Georgetown University, 5.00%, 4/01/35	465	553,038
Georgetown University Issue, 5.00%, 4/01/42	540	633,782
Kipp Charter School, Series A, 6.00%, 7/01/43	820	950,232

District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, 6.75%, 5/15/40	11,500	11,832,925
---	--------	------------

Metropolitan Washington Airports Authority, Refunding RB, Dulles Toll Road, 1st Senior Lien, Series A:

5.00%, 10/01/39	550	587,956
5.25%, 10/01/44	2,000	2,144,900

16,702,833

Florida 5.3%

City of Atlantic Beach Florida, RB, Health Care Facilities, Fleet Landing Project, Series B, 5.63%, 11/15/43	1,445	1,615,712
--	-------	-----------

City of Jacksonville Florida Port Authority, Refunding RB, AMT, 5.00%, 11/01/38	1,665	1,809,922
---	-------	-----------

County of Collier Florida Health Facilities Authority, Refunding RB, Series A, 5.00%, 5/01/45	1,450	1,616,750
---	-------	-----------

County of Miami-Dade Florida Aviation, Refunding ARB, Miami International Airport:		
--	--	--

Series A (AGC), AMT, 5.25%, 10/01/18 (b)	1,385	1,449,874
--	-------	-----------

Series A (AGC), AMT, 5.25%, 10/01/38	240	249,494
--------------------------------------	-----	---------

Series A-1, 5.38%, 10/01/41	1,255	1,386,775
-----------------------------	-------	-----------

County of Miami-Dade Florida Water & Sewer System, RB, (AGM), 5.00%, 10/01/39	5,000	5,514,950
---	-------	-----------

Mid-Bay Florida Bridge Authority, RB, Springing Lien, Series A, 7.25%, 10/01/21 (b)	3,300	4,093,188
---	-------	-----------

Stevens Plantation Community Development District, RB, Special Assessment, Series A, 7.10%, 5/01/35 (d)(e)	1,795	1,255,656
--	-------	-----------

18,992,321

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	655,571
--	-----	---------

DeKalb Georgia Private Hospital Authority, Refunding RB, Children's Healthcare, 5.25%, 11/15/39	915	991,229
---	-----	---------

1,646,800

Hawaii 0.5%

State of Hawaii Harbor System, RB, Series A, 5.25%, 7/01/30	1,480	1,618,247
---	-------	-----------

Idaho 0.3%

Idaho Health Facilities Authority, RB, Trinity Health Credit Group, Series A, 5.00%, 12/01/46	805	923,319
---	-----	---------

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Municipal Income Trust II (BLE)

	Par	
	(000)	Value
Municipal Bonds		
Illinois 19.7%		
City of Chicago Illinois, GO, Project, Series A, 5.00%, 1/01/34	\$ 2,705	\$ 2,801,704
City of Chicago Illinois, GO, Refunding, Project, Series A, 5.25%, 1/01/32	4,940	5,299,336
City of Chicago Illinois O Hare International Airport, GARB, 3rd Lien:		
Series A, 5.75%, 1/01/21 (b)	4,200	4,841,886
Series A, 5.75%, 1/01/39	800	907,888
Series C, 6.50%, 1/01/21 (b)	6,430	7,570,232
City of Chicago Illinois Transit Authority, RB, Sales Tax Receipts, 5.25%, 12/01/40	1,150	1,242,931
City of Chicago Illinois Waterworks, Refunding RB, 2nd Lien Project, 5.00%, 11/01/42	3,130	3,322,620
County of Cook Illinois Community College District No. 508, GO, City College of Chicago, 5.50%, 12/01/38	845	910,065
Illinois Finance Authority, Refunding RB:		
Ascension Health, Series A, 5.00%, 11/15/37	1,060	1,177,215
Central Dupage Health, Series B, 5.50%, 11/01/39	1,750	1,908,060
Presence Health Network, Series C, 4.00%, 2/15/41	1,545	1,575,483
Illinois Sports Facilities Authority, RB, State Tax Supported (AMBAC), 5.50%, 6/15/30	7,445	7,557,345
Illinois State Toll Highway Authority, RB, Senior:		
Series A, 5.00%, 1/01/38	2,160	2,429,136
Series C, 5.00%, 1/01/36	2,815	3,206,876
Series C, 5.00%, 1/01/37	3,005	3,421,192
Metropolitan Pier & Exposition Authority, Refunding RB, McCormick Place Expansion Project:		
Series B (AGM), 5.00%, 6/15/50	6,725	7,143,160
Series B-2, 5.00%, 6/15/50	2,725	2,745,247
Railsplitter Tobacco Settlement Authority, RB:		
5.50%, 6/01/23	520	592,821
6.00%, 6/01/28	1,255	1,430,612
State of Illinois, GO:		
5.00%, 2/01/39	1,640	1,698,138
Series A, 5.00%, 4/01/35	2,500	2,592,225
Series A, 5.00%, 4/01/38	3,885	4,012,739
State of Illinois, RB, Build Illinois,		
Series B, 5.25%, 6/15/19 (b)	685	737,793
University of Illinois, RB, Auxiliary Facilities System,		
Series A, 5.00%, 4/01/44	1,050	1,160,712
		70,285,416
Indiana 4.8%		
City of Valparaiso Indiana, RB, Exempt Facilities, Pratt Paper LLC Project, AMT:		
6.75%, 1/01/34	845	1,003,699
7.00%, 1/01/44	3,535	4,237,687
Indiana Finance Authority, RB, Series A:		
CWA Authority Project, 1st Lien, 5.25%, 10/01/38	3,510	4,011,789
Private Activity Bond, Ohio River Bridges East End Crossing Project, AMT, 5.00%, 7/01/44	485	523,063
Private Activity Bond, Ohio River Bridges East End Crossing Project, AMT, 5.00%, 7/01/48	1,610	1,733,712
Private Activity Bond, Ohio River Bridges East End Crossing Project, AMT, 5.25%, 1/01/51	435	471,014
Sisters of St. Francis Health Services, 5.25%, 11/01/39	915	987,450
Indiana Finance Authority, Refunding RB, Marquette Project, 4.75%, 3/01/32	1,180	1,207,329
Indiana Municipal Power Agency, RB,		
Series B, 6.00%, 1/01/19 (b)	1,200	1,282,908
Indianapolis Local Public Improvement Bond Bank, RB, Series A, 5.00%, 1/15/40	1,380	1,565,762
		17,024,413
	Par	
	(000)	Value
Municipal Bonds		
Iowa 1.9%		
Iowa Finance Authority, Refunding RB, Midwestern Disaster Area, Iowa Fertilizer Co. Project:		
5.00%, 12/01/19	\$ 520	\$ 530,925
5.50%, 12/01/22	2,550	2,603,091

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

5.25%, 12/01/25	500	533,515
5.88%, 12/01/26 (a)	445	464,745
Iowa Student Loan Liquidity Corp., Refunding RB, Student Loan, Senior Series A-1, AMT, 5.15%, 12/01/22	1,085	1,151,901
Iowa Tobacco Settlement Authority, Refunding RB, Asset-Backed, Series C, 5.63%, 6/01/46	1,610	1,614,830
		6,899,007
Kentucky 0.6%		
Kentucky Economic Development Finance Authority, RB, Catholic Health Initiatives, Series A, 5.25%, 1/01/45	1,060	1,140,931
Kentucky Public Transportation Infrastructure Authority, RB, Downtown Crossing Project, Convertible CAB, 1st Tier, Series C, 0.00%, 7/01/43 (f)	1,280	1,120,474
		2,261,405
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	4,135,194
Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A:		
5.50%, 5/15/30	1,100	1,173,381
5.25%, 5/15/31	935	992,418
5.25%, 5/15/32	1,195	1,284,243
5.25%, 5/15/33	1,300	1,391,208
5.25%, 5/15/35	795	869,317
		9,845,761
Maryland 1.8%		
City of Baltimore Maryland, Refunding RB, Convention Center Hotel:		
5.00%, 9/01/34	470	542,347
5.00%, 9/01/42	920	1,050,612
Maryland EDC, RB, Transportation Facilities Project, Series A, 5.75%, 6/01/35	475	509,015
Maryland EDC, Refunding RB, CNX Marine Terminals, Inc., 5.75%, 9/01/25	800	823,792
Maryland Health & Higher Educational Facilities Authority, RB, Trinity Health Credit Group, Series 2017, 5.00%, 12/01/46	455	525,998
Maryland Health & Higher Educational Facilities Authority, Refunding RB, Charlestown Community Project, 6.25%, 1/01/21 (b)	2,400	2,805,984
		6,257,748
Massachusetts 1.4%		
Commonwealth of Massachusetts, GO, Series E, 3.00%, 4/01/44	2,740	2,588,697
Massachusetts Development Finance Agency, Refunding RB, Covanta Energy Project, Series C, AMT, 5.25%, 11/01/42 (a)	1,530	1,532,219
Massachusetts Health & Educational Facilities Authority, Refunding RB, Partners Healthcare System, Series J1, 5.00%, 7/01/39	955	1,011,813
		5,132,729

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Municipal Income Trust II (BLE)

	Par	
	(000)	Value
Municipal Bonds		
Michigan 2.7%		
City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39	\$ 4,825	\$ 5,367,282
Kalamazoo Hospital Finance Authority, Refunding RB, Bronson Methodist Hospital: 5.50%, 5/15/20 (b)	830	928,139
5.50%, 5/15/36	670	732,551
Michigan Finance Authority, Refunding RB:		
Detroit Water & Sewage Department Project, Senior Lien, Series C-1, 5.00%, 7/01/44	940	1,023,077
Henry Ford Health System, 4.00%, 11/15/46	1,540	1,584,183
		9,635,232
Missouri 1.8%		
370/Missouri Bottom Road/Taussig Road Transportation Development District, RB, 7.20%, 5/01/33	6,000	4,679,940
Bi-State Development Agency of the Missouri-Illinois Metropolitan District, Refunding RB, Combined Lien, Series A, 5.00%, 10/01/44	275	315,472
State of Missouri Health & Educational Facilities Authority, RB, Senior Living Facilities, Lutheran Senior Services, 5.50%, 2/01/42	1,135	1,196,835
State of Missouri Health & Educational Facilities Authority, Refunding RB, St. Louis College of Pharmacy Project, 5.50%, 5/01/43	265	291,444
		6,483,691
Multi-State 1.9%		
Centerline Equity Issuer Trust (a):		
Series A-4-2, 6.00%, 5/15/19	3,500	3,739,820
Series B-3-2, 6.30%, 5/15/19	3,000	3,220,320
		6,960,140
Nebraska 1.6%		
Central Plains Energy Project Nebraska, RB, Gas Project No. 3:		
5.25%, 9/01/37	895	995,768
5.00%, 9/01/42	1,570	1,712,509
County of Lancaster Nebraska Hospital Authority No. 1, Refunding RB, Immanuel Obligation Group, Health Facilities, 5.63%, 1/01/40	1,245	1,344,388
County of Sarpy Nebraska Hospital Authority No. 1, Refunding RB, Immanuel Obligation Group, 5.63%, 1/01/40	1,635	1,737,793
		5,790,458
New Jersey 8.4%		
Casino Reinvestment Development Authority, Refunding RB:		
5.25%, 11/01/39	1,805	1,897,181
5.25%, 11/01/44	1,640	1,712,488
County of Essex New Jersey Improvement Authority, RB, AMT, 5.25%, 7/01/45 (a)	1,165	1,172,211
New Jersey EDA, RB, Continental Airlines, Inc. Project, AMT:		
4.88%, 9/15/19	460	475,727
5.13%, 9/15/23	2,130	2,303,510
5.25%, 9/15/29	2,130	2,317,887
New Jersey EDA, Refunding RB, Special Assessment, Kapkowski Road Landfill Project, 6.50%, 4/01/28	7,475	8,812,278
New Jersey State Turnpike Authority, RB:		
Series A, 5.00%, 1/01/43	2,160	2,432,678
Series E, 5.00%, 1/01/45	2,810	3,225,178
New Jersey Transportation Trust Fund Authority, RB:		
Transportation Program, Series AA, 5.00%, 6/15/44	730	776,107
	Par	
	(000)	Value
Municipal Bonds		
New Jersey (continued)		
New Jersey Transportation Trust Fund Authority, RB (continued):		

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

Transportation Program, Series AA, 5.00%, 6/15/44	\$ 1,355	\$ 1,430,772
Transportation System, Series B, 5.25%, 6/15/36	2,690	2,844,756
Rutgers The State University of New Jersey, Refunding RB, Series L, 5.00%, 5/01/43	570	647,742
		30,048,515
New York 8.1%		
City of New York New York Transitional Finance Authority Future Tax Secured, RB, Fiscal 2012, Sub-Series E-1, 5.00%, 2/01/42	2,680	3,014,571
Counties of New York Tobacco Trust IV, Refunding RB, Settlement Pass-Through Turbo, Series A, 6.25%, 6/01/41 (a)	2,000	2,056,740
County of Westchester New York Healthcare Corp., RB, Senior Lien, Series A, 5.00%, 11/01/44	819	879,723
Hudson Yards Infrastructure Corp., Refunding RB, 2nd Indenture, Series A, 5.00%, 2/15/39	1,005	1,186,634
Metropolitan Transportation Authority, RB, Series B: 5.25%, 11/15/38	2,555	3,020,802
5.25%, 11/15/39	910	1,073,427
Metropolitan Transportation Authority Hudson Rail Yards Trust Obligations, Refunding RB, Series A, 5.00%, 11/15/56	1,135	1,284,389
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	1,443,589
3 World Trade Center Project, Class 1, 5.00%, 11/15/44 (a)	4,320	4,695,192
3 World Trade Center Project, Class 2, 5.15%, 11/15/34 (a)	365	401,091
3 World Trade Center Project, Class 2, 5.38%, 11/15/40 (a)	910	1,009,836
New York Transportation Development Corp., Refunding RB, American Airlines, Inc., AMT: 5.00%, 8/01/26	675	725,038
5.00%, 8/01/31	1,620	1,730,630
Niagara Area Development Corp., Refunding RB, Solid Waste Disposal Facility, Covanta Energy Project, Series A, AMT, 5.25%, 11/01/42 (a)	1,145	1,147,336
Port Authority of New York & New Jersey, ARB, JFK International Air Terminal LLC Project, Series 8: 6.00%, 12/01/42	1,635	1,829,320
Special Project, 6.00%, 12/01/36	1,410	1,581,033
Port Authority of New York & New Jersey, Refunding RB, Consolidated, 205th Series, 5.00%, 11/15/47	1,570	1,856,336
		28,935,687
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	1,080,340
North Carolina Medical Care Commission, RB, Health Care Facilities, Duke University Health System, Series A, 5.00%, 6/01/19 (b)	1,525	1,634,541
North Carolina Medical Care Commission, Refunding RB, 1st Mortgage: Aldersgate, 6.25%, 7/01/35	1,530	1,699,034
Retirement Facilities Whitestone Project, Series A, 7.75%, 3/01/41	625	688,088
		5,102,003

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Municipal Income Trust II (BLE)

	Par	
	(000)	Value
Municipal Bonds		
Ohio 3.5%		
Buckeye Tobacco Settlement Financing Authority, RB, Asset-Backed, Senior Turbo Term, Series A-2, 6.50%, 6/01/47	\$ 3,550	\$ 3,532,392
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38	3,405	3,679,579
County of Franklin Ohio, RB:		
Health Care Facilities Improvement, OPRS Communities Obligation Group, Series A, 6.13%, 7/01/40	710	788,171
Trinity Health Credit Group, Series 2017, 5.00%, 12/01/46	435	498,937
County of Montgomery Ohio, Refunding RB, Catholic Health: 5.00%, 5/01/19 (b)	1,055	1,126,265
Series A, 5.00%, 5/01/39	1,970	2,035,463
State of Ohio, RB, Portsmouth Bypass Project, AMT, 5.00%, 6/30/53	870	949,901
		12,610,708
Pennsylvania 2.9%		
Allentown Neighborhood Improvement Zone Development Authority, Refunding RB, Series A, 5.00%, 5/01/42	2,500	2,624,875
City of Philadelphia Pennsylvania Hospitals & Higher Education Facilities Authority, RB, Temple University Health System, Series A, 5.63%, 7/01/42	685	754,295
Pennsylvania Economic Development Financing Authority, RB:		
Aqua Pennsylvania, Inc. Project, Series B, 5.00%, 11/15/40	2,065	2,221,486
Pennsylvania Bridge Finco LP, AMT, 5.00%, 6/30/42	3,030	3,379,965
Pennsylvania Turnpike Commission, RB, Series A, 5.00%, 12/01/44	1,190	1,352,292
		10,332,913
Puerto Rico 1.1%		
Children's Trust Fund, Refunding RB, Tobacco Settlement Asset-Backed Bonds: 5.50%, 5/15/39	2,000	2,009,800
5.63%, 5/15/43	1,910	1,921,747
		3,931,547
Rhode Island 2.2%		
Tobacco Settlement Financing Corp., Refunding RB:		
Series A, 5.00%, 6/01/35	1,690	1,849,874
Series B, 4.50%, 6/01/45	2,850	2,883,317
Series B, 5.00%, 6/01/50	3,175	3,277,679
		8,010,870
South Carolina 3.8%		
State of South Carolina Ports Authority, RB:		
5.25%, 7/01/40	3,595	3,926,638
AMT, 5.25%, 7/01/55	1,390	1,590,744
State of South Carolina Public Service Authority, RB, Santee Cooper, Series A, 5.50%, 12/01/54	3,575	4,083,794
State of South Carolina Public Service Authority, Refunding RB, Series E, 5.25%, 12/01/55	3,385	3,867,498
		13,468,674
Tennessee 0.7%		
City of Chattanooga Health Educational & Housing Facility Board, RB, Catholic Health Initiatives, Series A, 5.25%, 1/01/45	1,470	1,555,936
	Par	
	(000)	Value
Municipal Bonds		
Tennessee (continued)		
Metropolitan Government of Nashville & Davidson County Health & Educational Facilities Board, RB, Vanderbilt University Medical Center, Series A, 5.00%, 7/01/40	\$ 740	\$ 838,716
		2,394,652

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

Texas 11.4%

Central Texas Regional Mobility Authority, Refunding RB:		
Senior Lien, 6.25%, 1/01/21 (b)	2,350	2,745,011
Sub-Lien, 5.00%, 1/01/33	390	426,754
City of Austin Texas Airport System, ARB, AMT, 5.00%, 11/15/39	665	748,285
City of Dallas Texas Waterworks & Sewer System Revenue, Refunding RB, 5.00%, 10/01/20 (b)	765	857,305
City of Houston Texas Airport System, Refunding ARB:		
Senior Lien, Series A, 5.50%, 7/01/39	1,675	1,736,724
United Airlines, Inc. Terminal E Project, AMT, 5.00%, 7/01/29	460	494,500
City of Houston Texas Combined Utility System Revenue, Refunding RB, Combined 1st Lien, Series A (AGC):		
6.00%, 5/15/19 (b)	8,665	9,415,822
6.00%, 11/15/35	480	522,038
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	626,698
County of Harris Texas Houston Sports Authority, Refunding RB, 3rd Lien, Series A (NPFGC) (c):		
0.00%, 11/15/24 (b)	2,300	994,589
0.00%, 11/15/36	23,075	8,719,581
County of Midland Texas Fresh Water Supply District No. 1, RB, CAB, City of Midland Projects, Series A, 0.00%, 9/15/37 (c)	6,055	2,644,642
County of Tarrant Texas Cultural Education Facilities Finance Corp., RB, Scott & White Healthcare, 6.00%, 8/15/20 (b)	4,085	4,680,634
Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien:		
LBJ Infrastructure Group LLC, 7.00%, 6/30/40	3,000	3,401,370
NTE Mobility Partners LLC, North Tarrant Express Managed Lanes Project, 6.88%, 12/31/39	2,250	2,509,762
		40,523,715

Utah 0.4%

Salt Lake City Corp. Airport Revenue, ARB, Series A, AMT, 5.00%, 7/01/47	995	1,145,941
Utah State Charter School Finance Authority, RB, Ogden Preparatory Academy, Series A, 3.25%, 10/15/42	390	355,372
		1,501,313

Virginia 1.2%

Virginia Small Business Financing Authority, RB, Senior Lien, Elizabeth River Crossings OpCo LLC Project, AMT:		
5.25%, 1/01/32	1,755	1,939,679
6.00%, 1/01/37	2,120	2,411,224
		4,350,903

Washington 5.7%

Central Puget Sound Regional Transit Authority, RB, Series A (AGM), 5.00%, 11/01/17 (b)	3,040	3,061,675
City of Bellingham Washington Water & Sewer, RB, 5.00%, 8/01/36	5,050	5,670,140

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Municipal Income Trust II (BLE)

	Par	
	(000)	Value
Municipal Bonds		
Washington (continued)		
Grant County Public Utility District No. 2, Refunding RB, Series A, 5.00%, 1/01/43	\$ 2,335	\$ 2,667,737
Port of Seattle Washington, ARB, Intermediate Lien, Series C, AMT, 5.00%, 5/01/42	1,615	1,864,679
Port of Seattle Washington, RB, Series C, AMT, 5.00%, 4/01/40	815	913,330
State of Washington, GO, Series D, 5.00%, 2/01/42	2,810	3,313,440
Washington Health Care Facilities Authority, RB, Catholic Health Initiatives, Series A, 5.75%, 1/01/45	2,445	2,695,392
		20,186,393
Wisconsin 0.8%		
State of Wisconsin Health & Educational Facilities Authority, RB, Ascension Health Senior Credit Group, Series E, 5.00%, 11/15/33	910	981,326
Wisconsin Health & Educational Facilities Authority, Refunding RB, Medical College of Wisconsin, Inc., 4.00%, 12/01/46	1,955	2,032,574
		3,013,900
Wyoming 1.5%		
County of Sweetwater Wyoming, Refunding RB, Idaho Power Co. Project, Remarketing, 5.25%, 7/15/26	3,355	3,620,582
Wyoming Municipal Power Agency, Inc., RB, Series A (b):		
5.50%, 1/01/18	800	812,728
5.50%, 1/01/18	750	761,932
		5,195,242
Total Municipal Bonds 124.2%		443,439,572
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	1,933,149
California 6.6%		
Bay Area Toll Authority, Refunding RB, San Francisco Bay Area Toll Bridge, 4.00%, 4/01/42 (h)	3,358	3,555,282
California Educational Facilities Authority, RB, University of Southern California, Series B, 5.25%, 10/01/18 (b)(h)	2,850	2,988,567
City & County of San Francisco California Public Utilities Commission, RB, Water Revenue, Series B, 5.00%, 11/01/19 (b)	10,335	11,258,329
Sacramento Area Flood Control Agency, Refunding, Consolidated Capital Assessment District No. 2, Series A, 5.00%, 10/01/47	3,345	3,907,066
San Diego Community College District California, GO, Election of 2002, 5.25%, 8/01/19 (b)	1,839	1,994,435
		23,703,679
Colorado 2.0%		
Colorado Health Facilities Authority, RB, Catholic Health (AGM) (b):		
Series C-3, 5.10%, 4/29/18	4,230	4,350,724
Series C-7, 5.00%, 5/01/18	2,710	2,786,178
		7,136,902
Georgia 1.4%		
Private Colleges & Universities Authority, Refunding RB, Emory University, Series C, 5.00%, 9/01/18 (b)	4,638	4,835,161
	Par	
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	\$ 2,461	\$ 2,791,078
New Hampshire 0.7%		

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

New Hampshire Health & Education Facilities Authority, RB, Dartmouth College, 5.25%, 6/01/19 (b)(h)	2,219	2,388,471
New York 12.6%		
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	1,710	1,848,647
Series HH, 5.00%, 6/15/31 (h)	9,150	10,397,236
Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (h)	1,750	2,022,094
Metropolitan Transportation Authority, Refunding RB, Series C-1, 5.25%, 11/15/56	5,120	6,048,436
New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated Bonds, 5.25%, 12/15/43	11,670	13,287,641
New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%, 11/15/51 (h)	7,040	8,195,824
Port Authority of New York & New Jersey, Refunding ARB, 194th Series, 5.25%, 10/15/55	2,790	3,256,711
		45,056,589
North Carolina 0.9%		
North Carolina Capital Facilities Finance Agency, Refunding RB, Duke University Project, Series B, 5.00%, 10/01/55	2,740	3,143,410
Pennsylvania 0.8%		
Pennsylvania Turnpike Commission, RB, Sub-Series A, 5.50%, 12/01/42	2,521	3,002,234
Texas 3.1%		
City of San Antonio Texas Public Service Board, RB, Electric & Gas Systems, Junior Lien, 5.00%, 2/01/43	2,660	3,028,117
County of Harris Texas Metropolitan Transit Authority, Refunding RB, Series A, 5.00%, 11/01/41	3,720	4,191,696
University of Texas, Refunding RB, Financing System, Series B, 5.00%, 8/15/43	3,347	3,848,578
		11,068,391
Utah 1.2%		
City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41	3,959	4,202,058
Virginia 1.7%		
University of Virginia, Refunding RB, GO, 5.00%, 6/01/18 (b)	5,909	6,095,661
Washington 2.4%		
State of Washington, GO, Various Purposes, Series E, 5.00%, 2/01/19 (b)	8,113	8,590,593
Total Municipal Bonds Transferred to Tender Option Bond Trusts 34.7%		123,947,376
Total Long-Term Investments		
(Cost \$527,207,903) 158.9%		567,386,948

See Notes to Financial Statements.

ANNUAL REPORT

AUGUST 31, 2017

41

Schedule of Investments (continued)

BlackRock Municipal Income Trust II (BLE)

	Shares	Value
Short-Term Securities 2.0%		
BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.62% (i)(j)	6,985,327	\$ 6,987,423
Total Short-Term Securities		6,987,423
(Cost \$6,987,142) 2.0%		574,374,371
Total Investments (Cost \$534,195,045) 160.9%		5,255,938
Other Assets Less Liabilities 1.5%		(71,429,313)
Liability for TOB Trust Certificates, Including Interest		(151,300,000)
Expense and Fees Payable (20.0)%		
VMTP Shares at Liquidation Value (42.4)%		
Net Assets Applicable to Common Shares 100.0%		\$ 356,900,996

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) Issuer filed for bankruptcy and/or is in default.
- (e) Non-income producing security.
- (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 May 7, 2018 to April 1, 2025, is \$17,085,636. See Note 4 of the Notes to Financial Statements for details.
- (i) Annualized 7-day yield as of period end.
- (j) During the year ended August 31, 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 August 31, 2017	Value at August 31, 2017	Income	Net Realized Gain ¹	Change in Unrealized Appreciation (Depreciation)
-----------	--------------------------------------	-----------------	--------------------------------------	--------------------------------	--------	-----------------------------------	---

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

BlackRock Liquidity Funds, MuniCash, Institutional Class	3,509,584	3,475,743	6,985,327	\$ 6,987,423	\$ 24,156	\$ 1,833	\$ 281
¹ Includes net capital gain distributions.							

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

Description	Number of Contracts	Expiration Date	Notional Amount (000)	Value/ Unrealized Appreciation (Depreciation)
Short Contracts				
5-Year U.S. Treasury Note	(76)	December 2017	\$ 9,006	\$ (13,661)
10-Year U.S. Treasury Note	(70)	December 2017	\$ 8,889	(10,968)
Long U.S. Treasury Bond	(81)	December 2017	\$ 12,644	(58,403)
Ultra Long U.S. Treasury Bond	(30)	December 2017	\$ 5,072	(25,235)
Total				\$ (108,267)

See Notes to Financial Statements.

Schedule of Investments (concluded)

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:

Liabilities	Derivative Financial Instruments	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
Futures contracts	Net unrealized depreciation ¹					\$ 108,267		\$ 108,267

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 year ended August 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
Net Realized Gain (Loss) from:							
Futures contracts					\$ 822,956		\$ 822,956
Net Change in Unrealized Appreciation (Depreciation) on:							
Futures contracts					\$ (135,038)		\$ (135,038)

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:

Average notional value of contracts short \$ 35,115,430

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		\$ 567,386,948		\$ 567,386,948
Short-Term Securities	\$ 6,987,423			6,987,423
Total	\$ 6,987,423	\$ 567,386,948		\$ 574,374,371
Derivative Financial Instruments ²				
Liabilities:				
Interest rate contracts	\$ (108,267)			\$ (108,267)

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

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		\$ (71,274,043)		\$ (71,274,043)
VMTP Shares at Liquidation Value		(151,300,000)		(151,300,000)
Total		\$ (222,574,043)		\$ (222,574,043)

During the year ended August 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

ANNUAL REPORT

AUGUST 31, 2017

43

Schedule of Investments August 31, 2017

BlackRock MuniHoldings Investment Quality Fund (MFL)

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
Alabama 3.4%		
City of Birmingham Alabama Special Care Facilities Financing Authority, RB, Children s Hospital (AGC) (a):		
6.00%, 6/01/19	\$ 10,995	\$ 11,963,550
6.13%, 6/01/19	4,980	5,429,495
City of Selma Alabama IDB, RB, Gulf Opportunity Zone, International Paper Co. Project, Series A, 5.38%, 12/01/35	1,745	1,941,400
		19,334,445
Arizona 0.5%		
University of Arizona Board of Regents, Refunding RB, Series A, 5.00%, 6/01/40	2,300	2,651,969
California 24.5%		
California Educational Facilities Authority, RB, University of Southern California, Series A, 5.25%, 10/01/18 (a)	4,000	4,194,480
California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 8/15/42	5,370	6,099,461
Chabot-Las Positas Community College District, GO, Refunding, 4.00%, 8/01/37	10,000	10,640,100
City & County of San Francisco California Airports Commission, Refunding ARB, AMT, Series A:		
2nd, 5.50%, 5/01/28	3,330	3,966,463
2nd, 5.25%, 5/01/33	2,600	3,008,226
5.00%, 5/01/44	3,430	3,863,655
City of Los Angeles California Department of Airports, ARB:		
Sub-Series A, AMT, 5.00%, 5/15/42	4,500	5,242,995
Sub-Series B, 5.00%, 5/15/42	3,250	3,832,660
City of Los Angeles California Department of Water & Power, RB, Power System, Sub-Series A-1, 5.25%, 7/01/38	5,000	5,179,450
City of Manteca California Financing Authority, RB, Manteca Sewer (AGC):		
5.63%, 12/01/33	2,450	2,693,408
5.75%, 12/01/36	3,285	3,595,005
City of San Jose California, Refunding ARB, Norman Y Mineta San Jose International Airport SJC, AMT:		
Series A, 5.00%, 3/01/47	1,000	1,150,870
Series A-1, 5.75%, 3/01/34	4,450	5,067,259
County of Sacramento California, ARB, Senior Series A (AGC), 5.50%, 7/01/18 (a)	5,600	5,821,928
Irvine Ranch Water District, Special Assessment Bonds, 5.25%, 2/01/46	7,000	8,486,310
Kern Community College District, GO, Safety, Repair & Improvement, Series C, 5.50%, 11/01/33	4,365	5,357,907
Metropolitan Water District of Southern California, Refunding RB, Series A, 5.00%, 7/01/32	5,625	6,765,862
Redondo Beach Unified School District, GO, Election of 2008, Series E, 5.50%, 8/01/21 (a)	3,110	3,649,461
San Diego Public Facilities Financing Authority Water, Refunding RB, Series B (AGC), 5.38%, 8/01/19 (a)	2,000	2,172,680
State of California, GO, Various Purposes (AGC), 5.50%, 11/01/39	15,000	16,399,350
State of California Public Works Board, LRB, Various Capital Projects, Series I:		
5.50%, 11/01/30	4,500	5,447,115
5.50%, 11/01/31	2,615	3,158,606
5.50%, 11/01/33	2,000	2,402,860
State of California Public Works Board, RB, Department of Corrections & Rehabilitation, Series F, 5.25%, 9/01/33	3,240	3,840,631
	Par (000)	Value
Municipal Bonds		
California (continued)		
Township of Washington California Health Care District, GO, Election of 2004, Series B, 5.50%, 8/01/40	\$ 1,685	\$ 2,058,076
University of California, Refunding RB, The Regents of Medical Center, Series J, 5.25%, 5/15/38	12,250	14,444,220
		138,539,038
Colorado 2.2%		
City & County of Denver Colorado Airport System, ARB, Series A, AMT:		
5.50%, 11/15/28	2,700	3,135,456

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

5.50%, 11/15/30	1,040	1,199,931
5.50%, 11/15/31	1,250	1,440,200
Colorado Health Facilities Authority, RB, Hospital, NCMC, Inc. Project, Series B (AGM), 6.00%, 5/15/19 (a)	5,925	6,436,328
		12,211,915
District of Columbia 0.6%		
District of Columbia Water & Sewer Authority, Refunding RB, Series A, 6.00%, 10/01/18 (a)	3,000	3,168,570
Florida 7.3%		
City of Jacksonville Florida, Refunding RB, Series A, 5.25%, 10/01/33	1,250	1,482,375
County of Hillsborough Florida Aviation Authority, Refunding ARB, Tampa International Airport, Series A, AMT:		
5.50%, 10/01/29	5,360	6,307,594
5.25%, 10/01/30	3,255	3,770,104
County of Lee Florida, Refunding ARB, Series A, AMT, 5.38%, 10/01/32	7,100	7,953,491
County of Lee Florida HFA, RB, S/F Housing, Multi-County Program, Series A-2, AMT (Ginnie Mae), 6.00%, 9/01/40	420	427,829
County of Manatee Florida HFA, RB, S/F Housing, Series A, AMT (Ginnie Mae, Fannie Mae & Freddie Mac), 5.90%, 9/01/40	220	222,906
County of Miami-Dade Florida, RB, Seaport Department:		
Series A, 5.38%, 10/01/33	3,145	3,613,039
Series B, AMT, 6.25%, 10/01/38	1,405	1,686,534
Series B, AMT, 6.00%, 10/01/42	1,885	2,207,542
County of Miami-Dade Florida, Refunding RB, Water & Sewer System, Series B, 5.25%, 10/01/29	2,870	3,432,147
County of Miami-Dade Florida Aviation, Refunding ARB, Series A, AMT, 5.00%, 10/01/31	5,465	6,138,288
Reedy Creek Florida Improvement District, GO, Series A, 5.25%, 6/01/32	3,225	3,803,049
		41,044,898
Hawaii 2.0%		
State of Hawaii, Department of Transportation, COP, AMT:		
5.25%, 8/01/25	1,350	1,556,064
5.25%, 8/01/26	2,500	2,858,150
State of Hawaii, Department of Transportation, RB, Series A, AMT, 5.00%, 7/01/45	5,985	6,796,985
		11,211,199
Illinois 18.2%		
City of Chicago Illinois Midway International Airport, Refunding ARB, 2nd Lien, Series A, AMT:		
5.50%, 1/01/30	6,500	7,446,790
5.50%, 1/01/32	6,275	7,138,691

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniHoldings Investment Quality Fund (MFL)

	Par (000)	Value
Municipal Bonds		
Illinois (continued)		
City of Chicago Illinois Midway International Airport, Refunding GARB:		
2nd Lien, Series A, 5.00%, 1/01/41	\$ 8,020	\$ 8,851,032
3rd Lien, Series A, 5.75%, 1/01/21 (a)	6,210	7,159,074
3rd Lien, Series A, 5.75%, 1/01/39	1,185	1,344,809
City of Chicago Illinois O Hare International Airport, ARB, Senior Lien, Series D, 5.25%, 1/01/42	2,630	3,113,210
City of Chicago Illinois O Hare International Airport, GARB, 3rd Lien, Series C, 6.50%, 1/01/21 (a)	16,800	19,779,144
City of Chicago Illinois O Hare International Airport, Refunding ARB, Series C, 5.00%, 1/01/37	2,000	2,307,260
City of Chicago Illinois Transit Authority, RB:		
Federal Transit Administration, Section 5309, Series A (AGC), 6.00%, 12/01/18 (a)	6,000	6,385,140
Sales Tax Receipts, 5.25%, 12/01/40	10,960	11,845,678
City of Chicago Illinois Transit Authority, Refunding RB, Federal Transit Administration, Section 5309 (AGM), 5.00%, 6/01/28	7,735	8,210,934
Illinois Finance Authority, RB, Carle Foundation, Series A, 6.00%, 8/15/41	4,000	4,571,120
Railsplitter Tobacco Settlement Authority, RB:		
5.50%, 6/01/23	4,365	4,976,275
6.00%, 6/01/28	1,245	1,419,213
State of Illinois Finance Authority, RB, University of Chicago, Series B, 5.50%, 7/01/18 (a)	8,000	8,312,240
		102,860,610
Indiana 4.1%		
Indiana Finance Authority, Refunding RB, Stadium Project, Series A, 5.25%, 2/01/37	3,130	3,695,403
Indiana Municipal Power Agency, Refunding RB, Series A:		
5.25%, 1/01/32	1,500	1,725,195
5.25%, 1/01/33	1,500	1,719,930
Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC):		
5.50%, 1/01/19 (a)	2,760	2,932,417
5.50%, 1/01/38	11,345	11,963,303
State of Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges, Series A, AMT, 5.00%, 7/01/40	1,240	1,326,850
		23,363,098
Kansas 0.9%		
County of Wyandotte Unified School District No. 500 Kansas City, GO, Improvement, Series A, 5.50%, 9/01/47	4,000	4,914,000
Kentucky 0.1%		
Kentucky State Property & Building Commission, Refunding RB, Project No. 93, (AGC) (a):		
5.25%, 2/01/19	355	376,754
5.25%, 2/01/19	45	47,684
		424,438
Louisiana 0.9%		
City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC) (a):		
Series A-1, 6.00%, 1/01/19	500	533,990
Series A-2, 6.00%, 1/01/19	720	768,946
Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29	3,735	3,945,056
		5,247,992
	Par (000)	Value
Municipal Bonds		
Massachusetts 1.2%		
Massachusetts Development Finance Agency, Refunding RB, Partners Healthcare System, 5.00%, 7/01/41	\$ 4,710	\$ 5,408,446
Massachusetts Educational Financing Authority, RB, Education Loan, Issue I, AMT, 5.00%, 1/01/27	1,000	1,149,190
		6,557,636
Michigan 3.5%		

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

City of Detroit Michigan Water Supply System Revenue, RB, 2nd Lien, Series B (AGM):		
6.25%, 7/01/19 (a)	6,310	6,924,783
6.25%, 7/01/36	10	10,816
Hudsonville Michigan Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41	6,015	6,754,905
Royal Oak Michigan Hospital Finance Authority, Refunding RB, William Beaumont Hospital, Series V, 8.25%, 9/01/18 (a)	5,780	6,209,454
		19,899,958
Minnesota 1.6%		
City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC), 6.50%, 11/15/38		
	8,375	8,882,441
Mississippi 2.8%		
Mississippi Development Bank, RB, Jackson Water & Sewer System Project (AGM):		
6.88%, 12/01/40	6,405	8,225,877
Special Obligation, 6.75%, 12/01/31	3,775	4,820,637
Special Obligation, 6.75%, 12/01/33	2,350	3,000,927
		16,047,441
Nevada 2.1%		
County of Clark Nevada, ARB, Las Vegas-McCarran International Airport, Series A (AGM), 5.25%, 7/01/39		
	11,175	12,167,117
New Jersey 6.7%		
New Jersey EDA, RB, Goethals Bridge Replacement Project, AMT, Private Activity Bond: 5.38%, 1/01/43		
(AGM), 5.00%, 1/01/31	7,000	7,815,640
New Jersey EDA, Refunding RB, Series B, 5.50%, 6/15/30	2,425	2,671,889
New Jersey Health Care Facilities Financing Authority, RB, Virtua Health, Series A (AGC), 5.50%, 7/01/38	2,000	2,326,360
New Jersey Higher Education Student Assistance Authority, Refunding RB, Series 1, AMT, 5.75%, 12/01/28	6,500	6,990,425
New Jersey Transportation Trust Fund Authority, RB, Transportation System: Series A, 5.50%, 6/15/41	2,795	3,081,488
Series AA, 5.50%, 6/15/39	5,410	5,758,891
	8,175	8,939,444
		37,584,137
New York 10.2%		
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	8,058,225
Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43	3,475	3,926,333
Water & Sewer System, Series FF-2, 5.50%, 6/15/40	4,000	4,324,320
Metropolitan Transportation Authority, RB:		
Series A, 5.25%, 11/15/38	4,000	4,595,200
Series A-1, 5.25%, 11/15/39	4,490	5,300,131

See Notes to Financial Statements.

ANNUAL REPORT

AUGUST 31, 2017

45

Schedule of Investments (continued)

BlackRock MuniHoldings Investment Quality Fund (MFL)

	Par (000)	Value
Municipal Bonds		
New York (continued)		
Metropolitan Transportation Authority, Refunding RB:		
Series B, 5.00%, 11/15/37	\$ 6,140	\$ 7,212,903
Series C-1, 5.25%, 11/15/56	5,410	6,391,482
Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 7/15/36	10,000	11,280,100
Port Authority of New York & New Jersey, Refunding RB, Consolidated, 205th Series, 5.25%, 5/15/42	900	1,096,308
Triborough Bridge & Tunnel Authority, Refunding RB, General, Series B, 5.00%, 11/15/38	4,500	5,369,850
		57,554,852
Ohio 1.5%		
State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1:		
5.25%, 2/15/31	5,145	6,104,542
5.25%, 2/15/32	2,250	2,663,168
		8,767,710
Pennsylvania 4.5%		
Pennsylvania Turnpike Commission, RB, Sub-Series A, 5.50%, 12/01/46	18,570	22,145,839
Township of Bristol Pennsylvania School District, GO, 5.25%, 6/01/37	3,000	3,451,320
		25,597,159
South Carolina 6.7%		
County of Charleston South Carolina, RB, Special Source, 5.25%, 12/01/38	6,735	7,954,035
County of Charleston South Carolina Airport District, ARB, Series A, AMT:		
5.25%, 7/01/25	4,490	5,277,501
5.50%, 7/01/38	3,000	3,431,280
6.00%, 7/01/38	5,270	6,190,142
5.50%, 7/01/41	4,170	4,759,846
State of South Carolina Ports Authority, RB, AMT, 5.25%, 7/01/50	3,445	3,943,595
State of South Carolina Public Service Authority, Refunding RB, Series E, 5.25%, 12/01/55	5,500	6,283,970
		37,840,369
Texas 14.8%		
City of Beaumont Texas, GO, Certificates of Obligation, 5.25%, 3/01/37	4,190	4,865,093
City of Houston Texas Combined Utility System Revenue, Refunding RB, Combined 1st Lien, Series A (AGC):		
6.00%, 5/15/19 (a)	12,030	13,072,399
6.00%, 5/15/19 (a)	8,940	9,714,651
6.00%, 11/15/35	670	728,679
6.00%, 11/15/36	495	538,352
5.38%, 11/15/38	265	282,927
County of Tarrant Texas Cultural Education Facilities Finance Corp., Refunding RB, Christus Health, Series A (AGC), 6.50%, 7/01/37	1,450	1,538,551
Dallas-Fort Worth Texas International Airport, ARB, Joint Improvement, AMT:		
Series A, 5.00%, 11/01/38	5,580	6,097,601
Series H, 5.00%, 11/01/37	4,575	5,125,784
Lower Colorado River Authority, Refunding RB, 5.50%, 5/15/33	3,735	4,440,878
North Texas Tollway Authority, Refunding RB, 1st Tier: (AGM), 6.00%, 1/01/43	5,555	6,343,199
Series K-1 (AGC), 5.75%, 1/01/19 (a)	12,150	12,932,460
Red River Texas Education Financing Corp., RB, Texas Christian University Project, 5.25%, 3/15/38	7,170	8,199,827
	Par (000)	Value
Municipal Bonds		
Texas (continued)		
Texas Water Development Board, RB:		
Series A, 5.00%, 10/15/40	\$ 3,170	\$ 3,723,736
State Water Implementation Revenue, 5.25%, 10/15/46	4,780	5,789,727

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

		83,393,864
Utah 1.5%		
County of Utah Utah, RB, IHC Health Services, Inc., Series B, 5.00%, 5/15/46	7,500	8,672,550
Virginia 1.2%		
City of Lexington Virginia IDA, RB, Washington & Lee University, 5.00%, 1/01/43	1,750	1,972,268
State of Virginia Public School Authority, RB, Fluvanna County School Financing, 6.50%, 12/01/18 (a)	4,300	4,605,085
		6,577,353
Washington 2.7%		
City of Richland Washington, GO, Refunding, 5.00%, 12/01/45	1,175	1,382,117
City of Seattle Washington Municipal Light & Power, Refunding RB, Series A, 5.25%, 2/01/36	4,200	4,713,996
Port of Seattle Washington, GO, 5.00%, 1/01/42	4,505	5,350,544
State of Washington, GO, Various Purposes, Series B, 5.25%, 2/01/36	3,290	3,713,719
		15,160,376
Total Municipal Bonds 125.7%		709,675,135

**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	13,763,786
Ascension Group, Series B, 5.00%, 11/15/46	27,798	31,959,959
		45,723,745
California 2.6%		
Los Angeles Unified School District California, GO, Series I, 5.00%, 1/01/34	2,400	2,576,448
University of California, Refunding RB, Series AR, 5.00%, 5/15/38	10,000	11,858,600
		14,435,048
Florida 2.0%		
County of Hillsborough Florida Aviation Authority, ARB, Tampa International Airport, Series A, AMT (AGC), 5.50%, 10/01/38	10,657	11,108,050
Indiana 1.8%		
Indiana Health & Educational Facilities Financing Authority, Refunding RB, St. Francis, Series E (AGM), 5.25%, 5/01/18 (a)	9,850	10,141,659
Massachusetts 2.8%		
Commonwealth of Massachusetts, GO, Series G, 4.00%, 9/01/42	15,000	15,931,650
Nevada 2.4%		
County of Clark Nevada Water Reclamation District, GO (a):		
Limited Tax, 6.00%, 7/01/18	8,000	8,349,520
Series B, 5.50%, 7/01/19	5,008	5,429,225
		13,778,745

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniHoldings Investment Quality Fund (MFL)

Municipal Bonds Transferred to Tender Option Bond Trusts (b)	Par (000)	Value
New Jersey 3.3%		
New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC, 5.25%, 10/01/29	\$ 7,118	\$ 7,364,330
New Jersey Transportation Trust Fund Authority, RB, Transportation System: Series A (AMBAC), 5.00%, 12/15/32	8,000	8,083,520
Series B, 5.25%, 6/15/36 (c)	2,961	3,131,009
		18,578,859
New York 12.0%		
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	5,399,995
City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-3, 5.25%, 1/15/39	5,619	5,942,193
Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (c)	9,249	10,688,208
New York City Transitional Finance Authority Future Tax Secured Revenue, RB, Fiscal 2017, Sub-Series B-1, 5.00%, 8/01/40	5,000	5,871,150
New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated Bonds, 5.25%, 12/15/43	13,950	15,883,684
New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%, 11/15/51 (c)	8,200	9,546,272
New York State Dormitory Authority, ERB, Personal Income Tax, Series B, 5.25%, 3/15/19 (a)	13,500	14,408,280
		67,739,782
Municipal Bonds Transferred to Tender Option Bond Trusts (b)	Par (000)	Value
Texas 7.5%		
City of San Antonio Texas Public Service Board, Refunding RB, Series A, 5.25%, 2/01/19 (a)(c)	\$ 12,027	\$ 12,774,809
North Texas Tollway Authority, RB, Special Projects System, Series A, 5.50%, 9/01/41	9,640	11,213,152
State of Texas, GO, Texas Transportation Commission, Highway Improvement, 5.00%, 4/01/43	15,550	18,221,490
		42,209,451
Utah 1.2%		
City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41	6,373	6,764,676
Total Municipal Bonds Transferred to Tender Option Bond Trusts 43.7%		246,411,665
Total Investments (Cost \$890,026,506) 169.4%		956,086,800
Other Assets Less Liabilities 1.1%		5,912,799
Liability for TOB Trust Certificates, Including Interest		
Expense and Fees Payable (21.9)%		(123,420,000)
VRDP Shares at Liquidation Value, Net of Deferred Offering Costs (48.6)%		(274,196,212)
Net Assets Applicable to Common Shares 100.0%		\$ 564,383,387

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.

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

During the year ended August 31, 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 August 31, 2017	Value at August 31, 2017	Income	Net Realized Gain¹	Change in Unrealized Appreciation (Depreciation)
BlackRock Liquidity Funds, MuniCash, Institutional Class	3,476,692	(3,476,692)			\$ 14,022	\$ 1,632	

¹ Includes net capital gain distributions.

See Notes to Financial Statements.

ANNUAL REPORT

AUGUST 31, 2017

47

Schedule of Investments (continued)

BlackRock MuniHoldings Investment Quality Fund (MFL)

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

Description	Number of Contracts	Expiration Date	Notional Amount ('000)	Value/ Unrealized Appreciation (Depreciation)
Short Contracts				
5-Year U.S. Treasury Note	(138)	December 2017	\$ 16,353	\$ (26,462)
10-Year U.S. Treasury Note	(184)	December 2017	\$ 23,365	(32,858)
Long U.S. Treasury Bond	(128)	December 2017	\$ 19,980	(89,796)
Ultra U.S. Treasury Bond	(38)	December 2017	\$ 6,424	(32,350)
Total				\$ (181,466)

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:

Liabilities	Derivative Financial Instruments	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
Futures contracts	Net unrealized depreciation ¹					\$ 181,466		\$ 181,466

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 year ended August 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
Net Realized Gain (Loss) from:							
Futures contracts					\$ 858,486		\$ 858,486
Net Change in Unrealized Appreciation (Depreciation) on:							
Futures contracts					\$ (231,876)		\$ (231,876)

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:

Average notional value of contracts - short \$ 65,324,102

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

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

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		\$ 956,086,800		\$ 956,086,800
Derivative Financial Instruments ²				
Liabilities:				
Interest rate contracts	\$ (181,466)			\$ (181,466)

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.

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock MuniHoldings Investment Quality Fund (MFL)

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		\$ (123,110,561)		\$ (123,110,561)
VRDP Shares at Liquidation Value		(274,600,000)		(274,600,000)
Total		\$ (397,710,561)		\$ (397,710,561)

During the year ended August 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

ANNUAL REPORT

AUGUST 31, 2017

49

Schedule of Investments August 31, 2017

BlackRock MuniVest Fund, Inc. (MVF)

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
Alabama 2.8%		
City of Selma Alabama IDB, RB, Gulf Opportunity Zone, International Paper Co. Project, Series A:		
5.80%, 5/01/34	\$ 1,850	\$ 2,039,476
5.38%, 12/01/35	1,000	1,112,550
Lower Alabama Gas District, RB, Series A, 5.00%, 9/01/46	4,555	5,640,138
State of Alabama Docks Department, Refunding RB, 6.00%, 10/01/20 (a)	7,610	8,751,119
		17,543,283
Alaska 0.5%		
City of Anchorage Alaska Electric Revenue, Refunding RB, Series A, 5.00%, 12/01/41	3,000	3,402,840
Arizona 4.0%		
Arizona IDA, Refunding RB, Basis Schools, Inc. Projects, Series A, 5.38%, 7/01/50 (b)	2,500	2,641,025
City of Phoenix Arizona Civic Improvement Corp., Refunding RB, Junior Lien, Series A, 5.00%, 7/01/40	2,000	2,194,600
City of Phoenix Arizona IDA, RB, Candeo School, Inc. Project:		
6.63%, 7/01/33	2,245	2,590,708
6.88%, 7/01/44	3,440	3,966,699
City of Phoenix Arizona IDA, Refunding RB (b):		
Basis Schools, Inc. Projects, 5.00%, 7/01/35	600	627,648
Basis Schools, Inc. Projects, 5.00%, 7/01/45	760	786,326
Basis Schools, Inc. Projects, Series A, 5.00%, 7/01/35	1,125	1,176,840
Legacy Traditional School Projects, 5.00%, 7/01/45	700	715,890
County of Maricopa Arizona Pollution Control Corp., Refunding RB, Southern California Edison Co., Series A, 5.00%, 6/01/35	3,300	3,590,202
Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37	5,725	6,972,420
		25,262,358
California 6.3%		
California Health Facilities Financing Authority, RB:		
St. Joseph Health System, Series A, 5.75%, 7/01/39	5,000	5,411,200
Sutter Health, Series B, 6.00%, 8/15/42	5,600	6,360,704
California Health Facilities Financing Authority, Refunding RB, Dignity Health, Series A, 6.00%, 7/01/19 (a)	1,055	1,153,611
City of Los Angeles California Department of Airports, Refunding ARB, Los Angeles International Airport, Series A, 5.25%, 5/15/39	1,200	1,285,212
Los Angeles Community College District, GO, Refunding, Election of 2008, Series A, 6.00%, 8/01/19 (a)	9,585	10,528,164
Oakland Unified School District/Alameda County, GO, Series A, 5.00%, 8/01/40	1,000	1,169,920
Poway Unified School District, GO, Refunding, CAB, School Facilities Improvement District No. 2007-1, Election of 2008, Series B, 0.00%, 8/01/46 (c)	10,000	3,300,900
State of California, GO, Various Purposes, 6.50%, 4/01/33	9,675	10,556,586
		39,766,297
Colorado 0.8%		
Centerra Metropolitan District No. 1, Tax Allocation Bonds, 5.00%, 12/01/47	1,025	1,041,544
Colorado Health Facilities Authority, RB, Catholic Health Initiatives, Series D, 6.25%, 10/01/33	2,500	2,618,775
Municipal Bonds		
Colorado (continued)		
Copperleaf Metropolitan District No. 2, GO, Refunding, 5.75%, 12/01/45	\$ 1,000	\$ 1,060,770
Regional Transportation District, COP, Refunding, Series A, 5.38%, 6/01/31	385	422,591
		5,143,680
Delaware 0.4%		
County of Sussex Delaware, RB, NRG Energy, Inc., Indian River Power LLC Project, 6.00%, 10/01/40	2,500	2,689,075
District of Columbia 0.2%		

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

Metropolitan Washington Airports Authority, Refunding RB, Dulles Toll Road, 1st Senior Lien, Series A:		
5.00%, 10/01/39	415	443,639
5.25%, 10/01/44	650	697,093
		1,140,732
Florida 8.8%		
Celebration Pointe Community Development District, Special Assessment Bonds, County of Alachua Florida (b):		
5.00%, 5/01/32	905	924,430
5.00%, 5/01/48	2,270	2,287,161
County of Miami-Dade Florida, GO, Building Better Communities Program (a):		
Series B, 6.38%, 7/01/18	4,630	4,843,906
Series B-1, 5.63%, 7/01/18	5,000	5,199,900
County of Miami-Dade Florida, Refunding RB, Transit System Sales Surtax, 5.00%, 7/01/42		
County of Miami-Dade Florida Aviation, Refunding ARB, Miami International Airport:		
Series A, AMT (AGC), 5.00%, 10/01/40	10,000	10,034,900
Series A-1, 5.38%, 10/01/41	10,290	11,370,450
County of Miami-Dade Florida Educational Facilities Authority, Refunding RB, University of Miami, Series A, 5.00%, 4/01/45		
	4,625	5,198,037
County of Miami-Dade Florida Expressway Authority, RB, Toll System, Series A (AGM), 5.00%, 7/01/35		
	8,900	9,779,053
Lakewood Ranch Stewardship District, Special Assessment Bonds, Lakewood National & Polo Run Projects:		
4.63%, 5/01/27	255	262,094
5.25%, 5/01/37	470	483,607
5.38%, 5/01/47	770	793,654
		55,448,555
Georgia 0.8%		
City of Atlanta Georgia Department of Aviation, Refunding GARB, Series B, AMT, 5.00%, 1/01/29		
	1,070	1,186,138
DeKalb Georgia Private Hospital Authority, Refunding RB, Children s Healthcare, 5.25%, 11/15/39		
	3,335	3,612,839
		4,798,977
Hawaii 0.9%		
State of Hawaii Harbor System, RB, Series A, 5.50%, 7/01/35		
	5,000	5,507,200
Illinois 11.1%		
City of Chicago Illinois O Hare International Airport, GARB, Senior Lien, Series D, AMT, 5.00%, 1/01/42		
	1,450	1,650,303
City of Chicago Illinois Transit Authority, RB, Sales Tax Receipts, 5.25%, 12/01/36		
	2,110	2,292,747
City of Chicago Illinois Wastewater Transmission, Refunding RB, 2nd Lien, Series C, 5.00%, 1/01/39		
	1,000	1,092,180

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniVest Fund, Inc. (MVF)

	Par (000)	Value
Municipal Bonds		
Illinois (continued)		
City of Chicago Illinois Waterworks, Refunding RB, 2nd Lien (AGM):		
5.25%, 11/01/18 (a)	\$ 195	\$ 204,937
5.25%, 11/01/33	1,135	1,174,759
County of Cook Illinois Community College District No. 508, GO, University & College Improvements, 5.25%, 12/01/31	5,000	5,402,550
Illinois Finance Authority, RB:		
Advocate Health Care Network, Series D, 6.50%, 11/01/18 (a)	9,700	10,339,036
Memorial Health System, Series A, 5.25%, 7/01/44	1,785	1,947,453
Illinois Finance Authority, Refunding RB:		
Northwestern Memorial Hospital, Series A, 6.00%, 8/15/39	9,000	9,819,630
OSF Healthcare System, 6.00%, 5/15/20 (a)	3,205	3,622,900
OSF Healthcare System, 6.00%, 5/15/39	1,455	1,598,186
Presence Health Network, Series C, 4.00%, 2/15/41	2,205	2,248,505
Presence Health Network, Series C, 5.00%, 2/15/41	3,600	4,019,184
Railsplitter Tobacco Settlement Authority, RB, 6.00%, 6/01/28	2,645	3,015,115
Regional Transportation Authority, RB:		
Series A (AMBAC), 7.20%, 11/01/20	1,595	1,754,181
Series C (NPFGC), 7.75%, 6/01/20	2,230	2,480,407
State of Illinois Toll Highway Authority, RB, Series B, 5.50%, 1/01/18 (a)	7,000	7,110,390
Village of Hodgkins Illinois, RB, Metropolitan Biosolids Management LLC Project, AMT, 6.00%, 11/01/23	10,000	10,016,700
		69,789,163
Indiana 1.4%		
City of Valparaiso Indiana, RB, Exempt Facilities, Pratt Paper LLC Project, AMT, 6.75%, 1/01/34	2,250	2,672,572
Indiana Finance Authority, Refunding RB, Deaconess Health System, Series A, 5.00%, 3/01/39	3,000	3,385,260
State of Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges, Series A, AMT, 5.00%, 7/01/40	2,640	2,824,906
		8,882,738
Iowa 0.9%		
Iowa Finance Authority, Refunding RB, Midwestern Disaster Area, Iowa Fertilizer Co. Project, 5.25%, 12/01/25	4,500	4,801,635
Iowa Tobacco Settlement Authority, Refunding RB, Asset-Backed, CAB, Series B, 5.60%, 6/01/34	1,000	1,006,150
		5,807,785
Kansas 1.0%		
City of Lenexa Kansas, Refunding RB, Lakeview Village, Inc., Series A, 5.00%, 5/15/43	1,965	2,021,199
Wyandotte County-Kansas City Unified Government Utility System, RB, Series A, 5.00%, 9/01/40	3,700	4,214,374
		6,235,573
Kentucky 2.7%		
County of Owen Kentucky, RB, Kentucky American Water Co. Project, Series B, 5.63%, 9/01/39	1,000	1,068,960
Kentucky Economic Development Finance Authority, Refunding RB, Hospital Facilities, St. Elizabeth Medical Center, Inc., Series A, 5.50%, 5/01/19 (a)	8,000	8,596,720
Lexington-Fayette Urban County Airport Board, Refunding GARB, Series A, 5.00%, 7/01/19 (a)	7,000	7,521,920
		17,187,600
	Par (000)	Value
Municipal Bonds		
Louisiana 5.4%		
City of New Orleans Aviation Board, ARB, General Airport North Terminal Project, Series B, AMT, 5.00%, 1/01/48	\$ 12,000	\$ 13,626,720
Louisiana Local Government Environmental Facilities & Community Development Authority, RB, Westlake Chemical Corp. Project, Series A-1, 6.50%, 11/01/35	2,615	2,962,612

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

Parish of St. Charles Louisiana, RB, Valero Energy Corp., 4.00%, 12/01/40 (d)	2,210	2,354,910
Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A: 5.25%, 5/15/31	3,420	3,630,022
5.25%, 5/15/32	4,375	4,701,725
5.25%, 5/15/33	4,750	5,083,260
5.25%, 5/15/35	1,500	1,640,220
		33,999,469
Maine 1.0%		
Maine Health & Higher Educational Facilities Authority, RB, Series A, 5.00%, 7/01/39	5,000	5,307,250
Portland Housing Development Corp., Refunding RB, Senior Living, Retirement Facilities, Series A, 6.00%, 2/01/34	1,190	1,191,761
		6,499,011
Maryland 3.2%		
City of Baltimore Maryland, Refunding RB, East Baltimore Research Park, Series A, 4.50%, 9/01/33	545	560,930
County of Howard Maryland Housing Commission, RB, M/F Housing, Woodfield Oxford Square Apartments, 5.00%, 12/01/42	4,935	5,608,726
Maryland Health & Higher Educational Facilities Authority, Refunding RB: Charlestown Community Project, 6.25%, 1/01/21 (a)	2,000	2,338,320
Meritus Medical Center Issue, 5.00%, 7/01/40	6,350	7,011,099
University of Maryland Medical System, 5.00%, 7/01/19 (a)	1,990	2,140,265
University of Maryland Medical System, 5.13%, 7/01/19 (a)	2,100	2,263,338
University of Maryland Medical System, 5.00%, 7/01/34	110	115,096
		20,037,774
Massachusetts 2.4%		
Massachusetts Bay Transportation Authority, Refunding RB, General Transportation System, Series A, 7.00%, 3/01/19	740	765,448
Massachusetts Development Finance Agency, RB, Emerson College Issue, Series A: 5.00%, 1/01/47	845	948,005
5.25%, 1/01/42	1,895	2,183,097
Massachusetts Development Finance Agency, Refunding RB, Emerson College, Series A, 5.00%, 1/01/40 (e)	2,020	2,317,627
Massachusetts HFA, Refunding RB, Series C, AMT, 5.35%, 12/01/42	4,410	4,704,544
Massachusetts Water Resources Authority, RB, Series A, 6.50%, 7/15/19 (f)	3,965	4,198,182
		15,116,903
Michigan 2.3%		
City of Detroit Michigan Water Supply System Revenue, RB, 2nd Lien, Series B (AGM): 6.25%, 7/01/19 (a)	2,495	2,738,088
6.25%, 7/01/36	5	5,408

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniVest Fund, Inc. (MVF)

	Par (000)	Value
Municipal Bonds		
Michigan (continued)		
Michigan State Hospital Finance Authority, Refunding RB, McLaren Health Care, Series A, 5.75%, 5/15/18 (a)	\$ 7,285	\$ 7,538,372
Royal Oak Michigan Hospital Finance Authority, Refunding RB, William Beaumont Hospital, Series V, 8.25%, 9/01/18 (a)	4,100	4,404,630
		14,686,498
Minnesota 0.7%		
City of Cologne Minnesota Charter School, LRB, Cologne Academy Project, Series A, 5.00%, 7/01/45	1,500	1,536,510
Housing & Redevelopment Authority of The City of Saint Paul Minnesota, RB, Great River School Project, Series A, 5.50%, 7/01/52 (b)	695	697,036
Housing & Redevelopment Authority of The City of State Paul Minnesota, Refunding RB, Fairview Health Services, Series A, 4.00%, 11/15/43	1,940	2,036,166
		4,269,712
Mississippi 4.5%		
County of Lowndes Mississippi, Refunding RB, Solid Waste Disposal & Pollution Control, Weyerhaeuser Co. Project:		
Series A, 6.80%, 4/01/22	9,160	10,644,195
Series B, 6.70%, 4/01/22	4,500	5,213,115
Mississippi Business Finance Corp., Refunding RB, System Energy Resource, Inc. Project, 5.88%, 4/01/22	9,305	9,392,653
Mississippi Development Bank, Refunding RB, Municipal Energy Agency Of Mississippi, Series A (AGM), 4.00%, 3/01/41	3,000	3,125,160
		28,375,123
Nebraska 1.1%		
Central Plains Energy Project Nebraska, RB, Gas Project No. 3, 5.00%, 9/01/42	6,200	6,762,774
New Jersey 9.7%		
Casino Reinvestment Development Authority, Refunding RB, 5.25%, 11/01/44	1,400	1,461,880
New Jersey EDA, RB:		
Continental Airlines, Inc. Project, Series A, AMT, 5.63%, 11/15/30	1,530	1,726,988
Goethals Bridge Replacement Project, AMT, Private Activity Bond, 5.38%, 1/01/43	10,000	11,165,200
Goethals Bridge Replacement Project, AMT, Private Activity Bond, 5.13%, 1/01/34	1,050	1,142,390
School Facilities Construction, Series UU, 5.00%, 6/15/40	3,390	3,595,807
New Jersey EDA, Refunding RB, School Facilities Construction:		
5.25%, 6/15/19 (a)	2,650	2,860,039
Series AA, 5.25%, 6/15/19 (a)	700	755,482
Series AA, 5.25%, 12/15/33	6,650	6,917,862
New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series AA, 6.38%, 10/01/28	50	50,236
New Jersey Transportation Trust Fund Authority, RB:		
CAB, Transportation System, Series A, 0.00%, 12/15/38 (c)	7,260	2,666,888
Transportation Program, Series AA, 5.25%, 6/15/33	8,750	9,512,212
Transportation Program, Series AA, 5.25%, 6/15/41	780	850,099
Transportation Program, Series AA, 5.00%, 6/15/44	4,450	4,731,062
	Par (000)	Value
Municipal Bonds		
New Jersey (continued)		
Transportation System, Series B, 5.50%, 6/15/31	\$ 8,000	\$ 8,692,960
Tobacco Settlement Financing Corp., Refunding RB, Series 1A, 5.00%, 6/01/41	4,980	4,812,373
		60,941,478
New York 7.7%		
Build NYC Resource Corp., Refunding RB, Pratt Paper, Inc. Project, AMT, 5.00%, 1/01/35 (b)	2,145	2,309,715
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	4,486,482
Counties of New York Tobacco Trust IV, Refunding RB, Settlement Pass-Through Turbo, Series A, 6.25%, 6/01/41 (b)	3,500	3,599,295
Erie Tobacco Asset Securitization Corp., Refunding RB, Asset-Backed, Series A, 5.00%, 6/01/45	4,435	4,362,089

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

Metropolitan Transportation Authority, RB, Series C:		
6.25%, 11/15/18 (a)	2,595	2,766,426
6.25%, 11/15/18 (a)	25	26,651
6.50%, 11/15/18 (a)	11,135	11,903,872
6.50%, 11/15/18 (a)	925	988,871
6.25%, 11/15/23	625	666,475
6.50%, 11/15/28	2,865	3,063,344
New York Liberty Development Corp., Refunding RB, 3 World Trade Center Project, Class 2 (b):		
5.15%, 11/15/34	460	505,485
5.38%, 11/15/40	1,145	1,270,618
New York Transportation Development Corp., Refunding RB, American Airlines, Inc., AMT:		
5.00%, 8/01/26	1,285	1,380,257
5.00%, 8/01/31	3,070	3,279,650
Port Authority of New York & New Jersey, ARB, Special Project, JFK International Air Terminal LLC Project, Series 8, 6.00%, 12/01/36		
TSASC, Inc., Refunding RB, Series A, 5.00%, 6/01/41	3,165	3,548,914
Westchester Tobacco Asset Securitization, Refunding RB, Tobacco Settlement Bonds, Sub-Series C, 5.13%, 6/01/51	1,785	1,981,885
	2,740	2,729,725
		48,869,754
Ohio 3.5%		
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38		
	2,875	3,106,840
County of Butler Port Authority, RB, StoryPoint Fairfield Project, Series A-1 (b):		
6.38%, 1/15/43	675	695,810
6.50%, 1/15/52	390	400,920
County of Franklin Ohio, RB, Health Care Facilities Improvement, OPRS Communities Obligation Group, Series A, 6.13%, 7/01/40		
	1,690	1,876,069
County of Lucas Ohio, Refunding RB, Promedica Healthcare, Series A, 6.50%, 11/15/37	1,915	2,263,415
County of Montgomery Ohio, RB, Catholic Health Initiatives, Series D-2, 5.45%, 10/01/38	7,430	8,121,436
County of Montgomery Ohio, Refunding RB, Catholic Health:		
5.50%, 5/01/19 (a)	1,910	2,054,778
Series A, 5.50%, 5/01/34	3,560	3,727,783
		22,247,051
Oklahoma 0.6%		
Oklahoma Development Finance Authority, RB, Provident Oklahoma Education Resources, Inc., Cross Village Student Housing Project, Series A, 5.25%, 8/01/57		
	3,275	3,610,131

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniVest Fund, Inc. (MVF)

	Par (000)	Value
Municipal Bonds		
Pennsylvania 3.4%		
Allentown Neighborhood Improvement Zone Development Authority, RB, City Center Project, 5.00%, 5/01/42 (b)	\$ 1,725	\$ 1,854,910
County of Delaware Pennsylvania IDA, Refunding RB, Covanta Project, 5.00%, 7/01/43	5,000	5,037,600
County of Montgomery Pennsylvania IDA, Refunding RB, Whitemarsh Continuing Care Retirement Community, 5.25%, 1/01/40	4,170	4,230,507
Delaware River Port Authority, RB, Series D, 5.00%, 1/01/40	195	210,729
Pennsylvania Economic Development Financing Authority, RB, Pennsylvania Bridge Finco LP, 5.00%, 12/31/38	2,565	2,877,853
Pennsylvania HFA, RB, S/F Housing Mortgage, Series 118-B, 4.05%, 10/01/40	3,850	3,992,488
Pennsylvania Turnpike Commission, RB:		
Series A-1, 5.00%, 12/01/41	440	503,620
Sub-Series B-1, 5.25%, 6/01/47	2,130	2,469,905
		21,177,612
Puerto Rico 1.1%		
Children s Trust Fund, Refunding RB, Tobacco Settlement Asset-Backed Bonds:		
5.50%, 5/15/39	3,555	3,572,419
5.63%, 5/15/43	3,400	3,420,910
		6,993,329
Rhode Island 1.7%		
Rhode Island Health & Educational Building Corp., Refunding RB, Hospital Financing, LifeSpan Obligation Group, 5.00%, 5/15/39	1,425	1,578,501
Tobacco Settlement Financing Corp., Refunding RB, Series B:		
4.50%, 6/01/45	6,820	6,899,726
5.00%, 6/01/50	2,000	2,064,680
		10,542,907
South Carolina 1.2%		
State of South Carolina Public Service Authority, Refunding RB, Series E, 5.25%, 12/01/55	6,450	7,369,383
Texas 10.9%		
Central Texas Regional Mobility Authority, RB, Senior Lien, Series A:		
5.00%, 1/01/40	1,215	1,376,218
5.00%, 1/01/45	3,500	3,928,155
Central Texas Regional Mobility Authority, Refunding RB, Senior Lien:		
5.75%, 1/01/21 (a)	1,000	1,151,770
6.00%, 1/01/21 (a)	4,300	4,987,699
Series A, 5.00%, 1/01/43	6,925	7,556,283
City of Houston Texas Airport System, Refunding ARB, United Airlines, Inc. Terminal E Project, AMT, 5.00%, 7/01/29	2,665	2,864,875
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	1,098,336
County of Harris Texas Health Facilities Development Corp., Refunding RB, Memorial Hermann Healthcare System, Series B (a):		
7.13%, 12/01/18	3,500	3,774,505
7.25%, 12/01/18	5,400	5,831,892
County of Tarrant Texas Cultural Education Facilities Finance Corp., RB, Scott & White Healthcare (a):		
6.00%, 8/15/20	370	423,950
6.00%, 8/15/20	4,630	5,305,100
	Par (000)	Value
Municipal Bonds		
Texas (continued)		
County of Tarrant Texas Cultural Education Facilities Finance Corp., Refunding RB, Trinity Terrace Project, 5.00%, 10/01/44	\$ 875	\$ 930,703
La Vernia Higher Education Finance Corp., RB, KIPP, Inc., Series A, 6.25%, 8/15/19 (a)	925	1,018,758
Love Field Airport Modernization Corp., RB, Southwest Airlines Co. Project, 5.25%, 11/01/40	1,100	1,208,603
New Hope Cultural Education Facilities Corp., RB, Collegiate Housing Tarleton State University Project, 5.00%, 4/01/35	500	545,730
	1,600	1,800,688

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

New Hope Cultural Education Facilities Corp., Refunding RB, 1st Mortgage, Morningside Ministries Project, 6.25%, 1/01/33		
North Texas Education Finance Corp., ERB, Uplift Education, Series A, 5.13%, 12/01/42	1,000	1,055,250
North Texas Tollway Authority, Refunding RB, Series A: 1st Tier System, 6.25%, 1/01/19 (a)	2,845	3,047,023
1st Tier System, 6.25%, 1/01/39	655	696,534
5.00%, 1/01/38	5,000	5,713,800
Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien: LBJ Infrastructure Group LLC, 7.00%, 6/30/40	8,000	9,070,320
NTE Mobility Partners LLC, North Tarrant Express Managed Lanes Project, 6.88%, 12/31/39	4,710	5,253,769
		68,639,961
Vermont 0.9%		
University of Vermont & State Agricultural College, Refunding RB, 5.00%, 10/01/43	4,995	5,839,605
Virginia 3.9%		
Ballston Quarter Community Development Authority, Tax Allocation Bonds, Series A: 5.38%, 3/01/36	430	433,874
5.50%, 3/01/46	1,475	1,488,024
City of Portsmouth Virginia, GO, Refunding Series D: 5.00%, 7/15/20 (a)	3,030	3,376,783
5.00%, 7/15/34	75	82,566
County of Fairfax Virginia EDA, Refunding RB, Goodwin House, Inc. (a): 5.13%, 10/01/17	2,000	2,007,380
5.13%, 10/01/17	6,015	6,037,195
County of Fairfax Virginia IDA, Refunding RB, Health Care-Inova Health, 5.50%, 5/15/19 (a)	735	792,580
Tobacco Settlement Financing Corp., Refunding RB, Senior Series B-1, 5.00%, 6/01/47	2,665	2,546,141
Virginia Small Business Financing Authority, RB, Senior Lien, Elizabeth River Crossings OpCo LLC Project, AMT: 6.00%, 1/01/37	2,150	2,445,346
5.50%, 1/01/42	5,140	5,726,166
		24,936,055
Washington 6.2%		
Central Puget Sound Regional Transit Authority, RB, Series A (a): (AGM), 5.00%, 11/01/17	14,000	14,099,820
5.00%, 11/01/17	6,000	6,042,780
Port of Seattle Washington, ARB, Intermediate Lien, Series C, AMT: 5.00%, 5/01/37	4,905	5,718,200
5.00%, 5/01/42	1,295	1,495,207
Washington Health Care Facilities Authority, RB, Catholic Health Initiatives, Series A, 5.75%, 1/01/45	4,010	4,420,664
Washington Health Care Facilities Authority, Refunding RB, Catholic Health Initiatives, Series D, 6.38%, 10/01/36	7,000	7,361,340
		39,138,011

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniVest Fund, Inc. (MVF)

	Par (000)	Value
Municipal Bonds		
West Virginia 0.4%		
West Virginia Hospital Finance Authority, Refunding RB, Improvement, Charleston Area Medical Center, Inc., Series A, 5.63%, 9/01/32	\$ 2,500	\$ 2,654,500
Wisconsin 1.0%		
Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert & Community Health, Inc., Series C, 5.25%, 4/01/19 (a)	6,100	6,518,216
Wyoming 1.4%		
County of Sweetwater Wyoming, Refunding RB, Idaho Power Co. Project, Remarketing, 5.25%, 7/15/26	4,500	4,856,220
State of Wyoming Municipal Power Agency, Inc., Refunding RB, Series A (BAM), 5.00%, 1/01/42	1,120	1,282,478
Wyoming Community Development Authority, Refunding RB, Series 2 & 3, 4.05%, 12/01/38	2,340	2,409,054
		8,547,752
Total Municipal Bonds 116.8%		736,378,865
Municipal Bonds Transferred to Tender Option Bond Trusts (g)		
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	3,762,290
California 6.2%		
Sacramento Area Flood Control Agency, Refunding, Consolidated Capital Assessment District No. 2, Series A, 5.00%, 10/01/47	14,998	17,520,475
University of California, RB, General, Series O (a):		
5.25%, 5/15/19	3,235	3,478,660
5.25%, 5/15/19	5,675	6,102,441
5.25%, 5/15/19	11,090	11,925,299
		39,026,875
District of Columbia 1.3%		
District of Columbia Water & Sewer Authority, Refunding RB, Senior Lien, Series A, 5.50%, 10/01/18 (a)	7,495	7,875,420
Florida 2.6%		
County of Miami-Dade Florida Water & Sewer System, (AGC), 5.00%, 10/01/39	14,747	16,265,592
Illinois 3.7%		
State of Illinois Finance Authority, RB, University of Chicago, Series B, 6.25%, 7/01/18 (a)	10,000	10,452,500
State of Illinois Toll Highway Authority, RB, Senior, Series B, 5.00%, 1/01/40	10,976	12,583,618
		23,036,118
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)	9,195	10,102,455
Maryland 1.7%		
City of Baltimore Maryland, RB, Wastewater Project, Sub-Series A, 5.00%, 7/01/46	4,898	5,698,274
State of Maryland Transportation Authority, RB, Transportation Facilities Project (AGM), 5.00%, 7/01/41	4,710	4,868,915
		10,567,189
Nevada 2.7%		
County of Clark Nevada Water Reclamation District, GO, Limited Tax, Series B, 5.75%, 7/01/19 (a)	15,789	17,187,572
Municipal Bonds Transferred to Tender Option Bond Trusts (g)		
New York 5.8%		
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	\$ 3,670,778
5.00%, 6/15/37	20,643	21,310,615

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%, 11/15/51 (h)	10,000	11,641,795
		36,623,188
North Carolina 0.8%		
North Carolina Capital Facilities Finance Agency, Refunding RB, Wake Forest University, 5.00%, 1/01/19 (a)	5,000	5,274,450
Ohio 2.1%		
Ohio Higher Educational Facility Commission, RB, Cleveland Clinic Health, Series A, 5.25%, 1/01/18 (a)	4,400	4,463,360
State of Ohio, RB, Cleveland Clinic Health Obligated Group, Series B, 5.50%, 1/01/34	8,500	8,991,215
		13,454,575
Oregon 1.1%		
State of Oregon Housing & Community Services Department, HRB, M/F Housing, Series A, AMT, 4.95%, 7/01/30	6,477	6,729,480
Pennsylvania 0.7%		
County of Westmoreland Pennsylvania Municipal Authority, Refunding RB, (BAM), 5.00%, 8/15/38	3,925	4,491,797
Texas 7.3%		
City of Houston Texas, Refunding RB, Airport System, Senior Lien, Series A, 5.50%, 7/01/34	8,333	8,648,611
City of Houston Texas Higher Education Finance Corp., RB, Rice University Project, Series A, 5.00%, 5/15/40	10,000	10,936,365
County of Harris Texas Health Facilities Development Corp., Refunding RB, School Health Care System, Series B, 5.75%, 7/01/27 (f)	20,970	26,416,538
		46,001,514
Virginia 3.6%		
County of Fairfax Virginia EDA, RB, Metrorail Parking System, 5.00%, 4/01/47 (h)	6,960	8,167,143
Virginia Commonwealth Transportation Board, RB, Capital Projects, 5.00%, 5/15/32	7,999	9,031,445
Virginia Small Business Financing Authority, Refunding RB, Sentara Healthcare, 5.00%, 11/01/40	5,002	5,399,119
		22,597,707
Washington 1.9%		
Washington Health Care Facilities Authority, Refunding RB, Seattle Children s Hospital, Series B, 5.00%, 10/01/38	10,000	12,283,600
Total Municipal Bonds Transferred to Tender Option Bond Trusts 43.7%		275,279,822
Total Investments (Cost \$943,301,755) 160.5%		1,011,658,687
Other Assets Less Liabilities 0.5%		2,927,886
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (22.3)%		(140,298,048)
VMTP Shares at Liquidation Value (38.7)%		(243,800,000)
Net Assets Applicable to Common Shares 100.0%		\$ 630,488,525

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniVest Fund, Inc. (MVF)

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) Zero-coupon bond.
- (d) Variable rate security. Security may be issued at a fixed coupon rate, which converts to a variable rate at a specified date. Rate shown is the rate in effect as of period end.
- (e) When-issued security.
- (f) Security is collateralized by municipal bonds or U.S. Treasury obligations.
- (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 November 15, 2019 to October 1, 2024, is \$8,954,336. See Note 4 of the Notes to Financial Statements for details. During the year ended August 31, 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 August 31, 2017	Value at August 31, 2017	Income	Net Realized Gain ¹	Change in Unrealized Appreciation (Depreciation)
BlackRock Liquidity Funds, MuniCash, Institutional Class	6,852,839	(6,852,839)			\$ 36,700	\$ 9,031	

¹ Includes net capital gain distributions.

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

Description	Number of Contracts	Expiration Date	Notional Amount (000)	Value/ Unrealized Appreciation (Depreciation)
Short Contracts				
5-Year U.S. Treasury Note	(98)	December 2017	\$ 11,613	\$ (21,499)

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

10-Year U.S. Treasury Note	(121)	December 2017	\$ 15,365	(32,900)
Long U.S. Treasury Bond	(121)	December 2017	\$ 18,887	(107,868)
Ultra Long U.S. Treasury Bond	(40)	December 2017	\$ 6,763	(37,949)
Total				\$ (200,216)

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:

Liabilities	Derivative Financial Instruments	Commodity Contracts	Credit Contracts	Equity Contracts	Foreign	Interest	Other Contracts	Total
					Currency Exchange	Rate		
Futures contracts	Net unrealized depreciation ¹					\$ 200,216		\$ 200,216

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 year ended August 31, 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	Interest	Other	Total
				Currency Exchange	Rate	Contracts	
Futures contracts					\$ 605,346		\$ 605,346
Net Change in Unrealized Appreciation (Depreciation) on:							
Futures contracts					\$ (241,760)		\$ (241,760)

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock MuniVest Fund, Inc. (MVF)

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:
 Average notional value of contracts short \$ 53,909,945
 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		\$ 1,011,658,687		\$ 1,011,658,687
Derivative Financial Instruments ²				
Liabilities:				
Interest rate contracts	\$ (200,216)			\$ (200,216)

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		\$ (139,989,200)		\$ (139,989,200)
VMTP Shares at Liquidation Value		(243,800,000)		(243,800,000)
Total		\$ (383,789,200)		\$ (383,789,200)

During the year ended August 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

Statements of Assets and Liabilities

August 31, 2017	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	\$ 271,276,767	\$ 224,304,223	\$ 642,166,204	\$ 567,386,948
Investments at value affiliated	136,483	189,303	1,890,432	6,987,423
Cash pledged for futures contracts	349,050	170,800	690,050	487,800
Receivables:				
Interest unaffiliated	2,909,866	2,426,939	6,578,357	6,808,888
Investments sold	5,833,301	1,785,172		424,009
Dividends affiliated	582	122	2,231	4,769
Prepaid expenses	11,608	11,249	14,087	13,980
Total assets	280,517,657	228,887,808	651,341,361	582,113,817
Accrued Liabilities				
Bank overdraft	110,777	56,143	181,989	212,230
Payables:				
Income dividends Common Shares	668,208	599,335	1,584,376	1,728,827
Investment advisory fees	150,771	104,645	299,310	269,153
Investments purchased	5,343,993	3,504,461	5,745,479	
Officers and Trustees fees	30,049	22,275	69,984	63,432
Interest expense and fees	47,511	85,488	254,455	155,270
Variation margin on futures contracts	53,336	25,398	104,563	75,313
Other accrued expenses	104,610	89,053	138,720	134,553
Total accrued liabilities	6,509,255	4,486,798	8,378,876	2,638,778
Other Liabilities				
TOB Trust Certificates	22,403,733	44,937,138	101,288,260	71,274,043
VMTP Shares, at liquidation value of \$100,000 per share ^{3,4}	79,900,000	42,200,000	137,200,000	151,300,000
Total other liabilities	102,303,733	87,137,138	238,488,260	222,574,043
Total liabilities	108,812,988	91,623,936	246,867,136	225,212,821
Net Assets Applicable to Common Shareholders	\$ 171,704,669	\$ 137,263,872	\$ 404,474,225	\$ 356,900,996
Net Assets Applicable to Common Shareholders Consist of				
Paid-in capital ^{5,6,7}	\$ 149,545,188	\$ 124,019,631	\$ 365,004,467	\$ 331,634,424
Undistributed net investment income	1,947,633	1,377,396	2,295,741	2,322,957
Accumulated net realized loss	(794,854)	(5,078,462)	(13,315,015)	(17,127,444)
Net unrealized appreciation (depreciation)	21,006,702	16,945,307	50,489,032	40,071,059
Net Assets Applicable to Common Shareholders	\$ 171,704,669	\$ 137,263,872	\$ 404,474,225	\$ 356,900,996
Net asset value per common share	\$ 16.32	\$ 15.69	\$ 15.32	\$ 15.17
¹ Investments at cost unaffiliated	\$ 250,194,591	\$ 207,314,278	\$ 591,528,601	\$ 527,207,903
² Investments at cost affiliated	\$ 136,483	\$ 189,322	\$ 1,890,432	\$ 6,987,142
³ Preferred Shares outstanding, par value \$0.001 per share	799	422	1,372	1,513
⁴ Preferred Shares authorized, including Auction Market Rate Preferred Shares (AMPS)	unlimited	unlimited	unlimited	unlimited
⁵ Par value per Common Share	\$ 0.001	\$ 0.001	\$ 0.001	\$ 0.001

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form N-CSR

⁶ Common Shares outstanding	10,522,957	8,749,418	26,406,273	23,521,456
⁷ Common Shares authorized	unlimited	unlimited	unlimited	unlimited

See Notes to Financial Statements.

ANNUAL REPORT

AUGUST 31, 2017

57

Statements of Assets and Liabilities

August 31, 2017	BlackRock MuniHoldings Investment Quality Fund (MFL)	BlackRock MuniVest Fund, Inc. (MVF)
Assets		
Investments at value unaffiliated	\$ 956,086,800	\$ 1,011,658,687
Cash pledged for futures contracts	831,150	719,500
Receivables:		
Interest unaffiliated	11,534,110	12,691,653
Investments sold	205,000	241,367
Dividends affiliated	1,039	1,589
Prepaid expenses	31,466	37,180
Total assets	968,689,565	1,025,349,976
Accrued Liabilities		
Bank overdraft	608,185	4,579,376
Payables:		
Income dividends Common Shares	2,706,764	2,975,447
Investment advisory fees	404,260	429,732
Investments purchased	2,351,150	2,300,578
Officers and Trustees fees	301,761	165,869
Interest expense and fees	309,439	308,848
Variation margin on futures contracts	125,829	110,625
Other accrued expenses	192,017	201,776
Total accrued liabilities	6,999,405	11,072,251
Other Liabilities		
TOB Trust Certificates	123,110,561	139,989,200
VMTP Shares, at liquidation value of \$100,000 per share ^{2,3}		243,800,00