

BLACKROCK MUNIYIELD CALIFORNIA FUND, INC.
Form N-CSR
October 01, 2015

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

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FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT

INVESTMENT COMPANIES

Investment Company Act file number: 811-06499

Name of Fund: BlackRock MuniYield California Fund, Inc. (MYC)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

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

California Fund, Inc., 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: 07/31/2015

Date of reporting period: 07/31/2015

Item 1 Report to Stockholders

JULY 31, 2015

ANNUAL REPORT

BlackRock Muni New York Intermediate Duration Fund, Inc. (MNE)

BlackRock MuniYield Arizona Fund, Inc. (MZA)

BlackRock MuniYield California Fund, Inc. (MYC)

BlackRock MuniYield Investment Fund (MYF)

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

Not FDIC Insured May Lose Value No Bank Guarantee

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The Markets in Review

Dear Shareholder,

Diverging monetary policies and shifting economic outlooks between regions were the broader themes underlying market conditions during the 12-month period ended July 31, 2015. The period began with investors caught between the forces of low interest rates and an improving U.S. economy, high asset valuations, oil price instability and lingering geopolitical risks in Ukraine and the Middle East. As U.S. growth picked up considerably in the fourth quarter of 2014, the broader global economy showed signs of slowing. Investors favored the stability of U.S. assets despite uncertainty as to when the Federal Reserve (the Fed) would raise short-term interest rates. International markets continued to struggle even as the European Central Bank and the Bank of Japan eased monetary policy. Oil prices plummeted in late 2014 due to a global supply-and-demand imbalance, sparking a sell-off in energy-related assets and putting stress on emerging markets. Fixed income investors piled into U.S. Treasuries as their persistently low yields had become attractive as compared to the even lower yields on international sovereign debt.

Equity markets reversed in early 2015, with international markets outperforming the United States as global risks abated. Investors had held high expectations for the U.S. economy, but a harsh winter and west coast port strike brought disappointing first-quarter data and high valuations took their toll on U.S. stocks, while bond yields fell to extreme lows. (Bond prices rise as yields fall.) In contrast, economic reports in Europe and Asia easily beat investors' very low expectations, and accommodative policies from central banks in those regions helped international equities rebound. Oil prices stabilized, providing some relief for emerging market stocks, although a stronger U.S. dollar continued to be a headwind for the asset class.

U.S. economic data regained momentum in the second quarter, helping U.S. stocks resume an upward path, although meaningful strength in the labor market underscored the likelihood that the Fed would raise short-term rates before the end of 2015 and bond yields moved swiftly higher. The month of June brought a sharp, but temporary, sell-off across most asset classes as Greece's long-brewing debt troubles came to an impasse and investors feared the consequences should Greece leave the eurozone. Adding to global worries was a massive correction in Chinese equity prices despite policymakers' attempts to stabilize the market. As these concerns abated in the later part of July, developed markets rebounded with the help of solid corporate earnings. Emerging markets, however, continued to slide as Chinese equities remained highly volatile and growth estimates for many emerging economies were revised lower. Bond markets moved back into positive territory as softer estimates for global growth and the return of falling commodity prices caused yields to move lower.

At BlackRock, we believe investors need to think globally, extend their scope across a broad array of asset classes and be prepared to move freely as market conditions change over time. We encourage you to talk with your financial advisor and visit blackrock.com for further insight about investing in today's markets.

Sincerely,

Rob Kapito

President, BlackRock Advisors, LLC

Rob Kapito

President, BlackRock Advisors, LLC

Total Returns as of July 31, 2015

	6-month	12-month
U.S. large cap equities (S&P 500® Index)	6.55%	11.21%

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U.S. small cap equities (Russell 2000® Index)	6.98	12.03
International equities (MSCI Europe, Australasia, Far East Index)	7.19	(0.28)
Emerging market equities (MSCI Emerging Markets Index)	(4.76)	(13.38)
3-month Treasury bills (BofA Merrill Lynch 3-Month U.S. Treasury Bill Index)	0.00	0.01
U.S. Treasury securities (BofA Merrill Lynch 10-Year U.S. Treasury Index)	(3.64)	5.32
U.S. investment-grade bonds (Barclays U.S. Aggregate Bond Index)	(1.47)	2.82
Tax-exempt municipal bonds (S&P Municipal Bond Index)	(0.97)	3.50
U.S. high yield bonds (Barclays U.S. Corporate High Yield 2% Issuer Capped Index)	1.27	0.37

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

THIS PAGE NOT PART OF YOUR FUND REPORT

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Municipal Market Overview

For the Reporting Period Ended July 31, 2015

Municipal Market Conditions

Municipal bonds generated positive performance for the period, thanks to a favorable supply-and-demand environment and declining interest rates in the earlier half. (Bond prices rise as rates fall.) Interest rates moved lower in 2014 even as the U.S. Federal Reserve (the Fed) curtailed its open-market bond purchases. This, coupled with reassurance from the Fed that short-term rates would remain low for a considerable amount of time, resulted in strong demand for fixed income investments in 2014, with municipal bonds being one of the stronger performing sectors for the year. This trend continued into the beginning of 2015 until rate volatility ultimately increased in February as a result of uneven U.S. economic data and widening central bank divergence, i.e., rate cuts outside the United States while the Fed poised for normalizing U.S. rates. During the 12 months ended July 31, 2015, municipal bond funds garnered net inflows of approximately \$24 billion (based on data from the Investment Company Institute).

For the same 12-month period, total new issuance remained relatively strong from a historical perspective at \$406 billion (considerably higher than the \$306 billion issued in the prior 12-month period). A noteworthy portion of new supply during this period was attributable to refinancing activity (roughly 60%) as issuers took advantage of low interest rates and a flatter yield curve to reduce their borrowing costs.

S&P Municipal Bond Index	
Total Returns as of July 31, 2015	
6 months:	(0.97)%
12 months:	3.50%

A Closer Look at Yields

From July 31, 2014 to July 31, 2015, yields on AAA-rated 30-year municipal bonds declined by 18 basis points (bps) from 3.30% to 3.12%, while 10-year rates fell by 7 bps from 2.26% to 2.19% and 5-year rates increased 8 bps from 1.22% to 1.30% (as measured by Thomson Municipal Market Data). Overall, the municipal yield curve remained relatively steep over the 12-month period even as the spread between 2- and 30-year maturities flattened by 49 bps and the spread between 2- and 10-year maturities flattened by 38 bps.

During the same time period, U.S. Treasury rates fell by 38 bps on 30-year bonds, 35 bps on 10-year bonds and 21 bps in 5-years. Accordingly, tax-exempt municipal bonds underperformed Treasuries across the yield curve, most notably in the intermediate part of the curve as a result of increased supply and tempered demand. In absolute terms, positive performance of muni 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 had become scarce. More broadly, municipal bonds benefited from the greater appeal of tax-exempt investing in light of the higher tax rates implemented in 2014. 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. The four largest states – 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 remain imperative amid uncertainty in a modestly improving economic environment.

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.

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

The Benefits and Risks of Leveraging

The Funds 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 Fund on its longer-term portfolio investments purchased with the proceeds from leverage. To the extent that the total assets of the Funds (including the assets obtained from leverage) are invested in higher-yielding portfolio investments, the Funds' 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 Fund's Common Shares capitalization is \$100 million and they utilize 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, the Funds' 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 the Funds with the proceeds from leverage earn income based on longer-term interest rates. In this case, the Funds' financing cost of leverage is significantly lower than the income earned on the Funds' longer-term investments acquired from leverage proceeds, and therefore the holders of Common Shares (Common Shareholders) are the beneficiaries of the incremental net income.

However, in order to benefit Common Shareholders, the return on assets purchased with leverage proceeds must exceed the ongoing costs associated with the leverage. If interest and other costs of leverage exceed the Funds' return on assets purchased with leverage proceeds, income to shareholders is lower than if the Funds had not used leverage. Furthermore, the value of the Funds' portfolio investments generally varies inversely with the direction of long-term interest rates, although other factors can influence the value of portfolio investments. In contrast, the value of the Funds' obligations under its leverage arrangement generally does not fluctuate in relation to interest rates. As a result, changes in interest rates can influence the Funds' NAVs positively or negatively. Changes in the future direction of interest rates are very difficult to predict accurately, and there is no assurance that a Fund's intended leveraging strategy will be successful.

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

To obtain leverage, each Fund has issued Variable Rate Demand Preferred Shares (VRDP Shares), 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 Fund 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 Fund may voluntarily elect to limit its leverage to less than the maximum amount permitted under the 1940 Act. In addition, a Fund 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 Fund segregates or designates on its books and records cash or liquid assets having a value not less than the value of the Fund's obligations under the TOB Trust (including accrued interest), a TOB Trust is not considered a senior security and is not subject to the foregoing limitations and requirements under the 1940 Act.

Derivative Financial Instruments

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The Funds may invest in various derivative financial instruments. Derivative financial instruments are used to obtain exposure to a security, index and/or market without owning or taking physical custody of securities 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. Derivative financial instruments also involve risks, including the imperfect correlation between the value of a derivative financial instrument and the underlying asset, possible default of the counterparty to the transaction or illiquidity of the derivative financial instrument. The Funds' ability to use a derivative financial instrument successfully depends on the investment advisor's ability to predict pertinent market movements accurately, which cannot be assured. The use of derivative financial instruments may result in losses greater than if they had not been used, may limit the amount of appreciation a Fund can realize on an investment and/or may result in lower distributions paid to shareholders. The Funds' investments in these instruments are discussed in detail in the Notes to Financial Statements.

Fund Summary as of July 31, 2015

BlackRock Muni New York Intermediate Duration Fund,
Inc.

Fund Overview

BlackRock Muni New York Intermediate Duration Fund, Inc.'s (MNE) (the Fund) investment objective is to provide shareholders with high current income exempt from federal income tax and New York State and New York City personal income taxes. The Fund seeks to achieve its investment objective by investing at least 80% of its assets in municipal obligations exempt from federal income tax (except that the interest may be subject to the federal alternative minimum tax) and New York State and New York City personal income taxes. Under normal market conditions, the Fund invests at least 75% of its assets in municipal obligations that are investment grade quality at the time of investment. Under normal market conditions, the Fund invests at least 80% of its assets in municipal obligations with a duration of three to ten years. The Fund may invest directly in such securities or synthetically through the use of derivatives.

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

Fund Information

Symbol on New York Stock Exchange (NYSE)	MNE
Initial Offering Date	August 1, 2003
Yield on Closing Market Price as of July 31, 2015 (\$14.07) ¹	4.90%
Tax Equivalent Yield ²	9.92%
Current Monthly Distribution per Common Share ³	\$0.0575
Current Annualized Distribution per Common Share ³	\$0.6900
Economic Leverage as of July 31, 2015 ⁴	36%

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

² Tax equivalent yield assumes the maximum marginal federal and state tax rate of 50.59%, 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 Fund, 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 Fund, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the 12 months ended July 31, 2015 were as follows:

	Returns Based On	
	Market Price	NAV ⁷
MNE ⁵	8.34%	5.23%
Lipper Intermediate Municipal Debt Funds ⁶	4.98%	4.82%

⁵ All returns reflect reinvestment of dividends and/or distributions.

⁶ Average return.

⁷ The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV.

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

Municipal bonds generally delivered gains during the 12-month period, with yields declining as prices rose. Longer-term bonds, which were aided by the backdrop of relatively slow economic growth and low inflation, outpaced shorter-term issues, which were pressured by the prospects of an interest rate hike by the U.S. Federal Reserve later in 2015.

In this environment, the Fund's investments in longer duration and longer dated bonds generally provided the best returns. (Duration is a measure of interest rate sensitivity). Positions in the tax-backed (state and local), transportation and utilities sectors were positive contributors to performance. The Fund's exposure to higher-yielding, lower-rated bonds in the investment grade category aided performance, as this market segment outperformed during the period. Income in the form of coupon payments made up a meaningful portion of the Fund's total return for the period. The Fund's leverage allowed it to increase its income.

The Fund's use of U.S. Treasury futures contracts to manage interest rate risk had a slightly negative impact on performance given that bond yields declined during the reporting period.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

**BlackRock Muni New York Intermediate Duration Fund,
Inc.**

Market Price and Net Asset Value Per Share Summary

	7/31/15	7/31/14	Change	High	Low
Market Price	\$ 14.07	\$ 13.64	3.15%	\$ 14.98	\$ 13.61
Net Asset Value	\$ 15.37	\$ 15.34	0.20%	\$ 15.97	\$ 15.18

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

Overview of the Fund's Total Investments*

Sector Allocation	7/31/15	7/31/14
Transportation	19%	20%
County/City/Special District/School District	17	21
Education	15	15
Health	12	13
Utilities	12	11
State	11	8
Corporate	9	8
Housing	4	4
Tobacco	1	

For Fund compliance purposes, the Fund'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 advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Credit Quality Allocation¹	7/31/15	7/31/14
AAA/Aaa	9%	7%
AA/Aa	50	54
A	22	22
BBB/Baa	9	6
BB/Ba	5	5
N/R ²	5	6

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 advisor 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 advisor has deemed certain of these unrated

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securities as investment grade quality. As of July 31, 2015 and July 31, 2014, the market value of unrated securities deemed by the investment advisor to be investment grade represents 4% and 2%, respectively, of the Fund's total investments.

Call/Maturity Schedule³

Calendar Year Ended December 31,

2015	2%
2016	8
2017	5
2018	9
2019	10

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

* Excludes short-term securities.

Fund Summary as of July 31, 2015

BlackRock MuniYield Arizona Fund, Inc.

Fund Overview

BlackRock MuniYield Arizona Fund, Inc. s (MZA) (the Fund) investment objective is to provide shareholders with as high a level of current income exempt from federal and Arizona income taxes as is consistent with its investment policies and prudent investment management. The Fund seeks to achieve its investment objective by investing at least 80% of its assets in municipal obligations exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax) and Arizona income taxes. Under normal market conditions, the Fund expects to invest at least 75% of its assets in municipal obligations that are investment grade quality at the time of investment. The Fund may invest directly in such securities or synthetically through the use of derivatives.

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

Fund Information

Symbol on NYSE MKT	MZA
Initial Offering Date	October 29, 1993
Yield on Closing Market Price as of July 31, 2015 (\$16.90) ¹	4.93%
Tax Equivalent Yield ²	9.12%
Current Monthly Distribution per Common Share ³	\$0.0695
Current Annualized Distribution per Common Share ³	\$0.8340
Economic Leverage as of July 31, 2015 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 federal and state tax rate of 45.97%, 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 Fund, 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 Fund, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the 12 months ended July 31, 2015 were as follows:

	Returns Based on	
	Market Price	NAV ⁷
MZA ⁵	18.88%	6.97%
Lipper Other States Municipal Debt Funds ⁶	4.85%	6.04%

⁵ All returns reflect reinvestment of dividends and/or distributions.

⁶ Average return.

⁷ The Fund's premium to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV.

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

Municipal bonds generally delivered gains during the 12-month period, with yields declining as prices rose. Long-term bonds outperformed short-term debt, leading to a flattening of the yield curve for the full 12 months. Performance differed significantly during the two halves of the annual period. In the first half (August 2014 through January 2015), the market rallied significantly and the municipal yield curve flattened aggressively. During this time, long-term rates fell much more than intermediate rates, while two-year rates rose. In contrast, the second half (February 2015 through July 2015), brought weaker price performance and a steepening of the yield curve.

Income in the form of coupon payments made a significant contribution to the Fund's total return for the period. The Fund's exposure to longer-term debt also aided returns. The Fund's duration positioning further contributed to performance, as yields on municipal bonds decreased during the period. (Duration measures sensitivity to interest rate movements.) Positions in the utilities, corporate-backed and local tax-backed sectors were an additional positive factor in performance. The Fund also benefited from the use of leverage, which enabled it to increase its income and capitalize on the market's positive price performance.

There were no detractors from performance on an absolute basis as all areas of the Fund's investment universe appreciated during the period. The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Market Price and Net Asset Value Per Share Summary

	7/31/15	7/31/14	Change	High	Low
Market Price	\$ 16.90	\$ 15.00	12.67%	\$ 17.75	\$ 14.42
Net Asset Value	\$ 14.72	\$ 14.52	1.38%	\$ 15.23	\$ 14.52

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

Overview of the Fund's Total Investments*

Sector Allocation	7/31/15	7/31/14
County/City/Special District/School District	24%	25%
Utilities	22	21
Education	16	13
State	12	14
Corporate	12	11
Health	11	13
Transportation	3	3

For Fund compliance purposes, the Fund'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 advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Credit Quality Allocation ¹	7/31/15	7/31/14
AAA/Aaa	11%	13%
AA/Aa	55	47
A	23	29
BBB/Baa	2	7
BB/Ba	4	1
N/R ²	5	3

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.

² The investment advisor 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 advisor has deemed certain of these unrated securities as investment grade quality. As of July 31, 2015 and July 31, 2014, the market value of unrated securities deemed by the investment advisor to be investment grade represents 4% and 1%, respectively, of the Fund's total investments.

Call/Maturity Schedule³

Calendar Year Ended December 31,

2015	4%
2016	4
2017	2
2018	27
2019	9

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

* Excludes short-term securities.

Fund Summary as of July 31, 2015

BlackRock MuniYield California Fund, Inc.

Fund Overview

BlackRock MuniYield California Fund, Inc. s (MYC) (the Fund) investment objective is to provide shareholders with as high a level of current income exempt from federal and California income taxes as is consistent with its investment policies and prudent investment management. The Fund seeks to achieve its investment objective by investing at least 80% of its assets in municipal obligations exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax) and California income taxes. Under normal market conditions, the Fund invests primarily in long-term municipal obligations that are investment grade quality at the time of investment. The Fund may invest up to 20% of its total assets in securities rated below investment grade or deemed equivalent at the time of purchase. The Fund may invest directly in such securities or synthetically through the use of derivatives.

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

Fund Information

Symbol on NYSE	MYC
Initial Offering Date	February 28, 1992
Yield on Closing Market Price as of July 31, 2015 (\$15.47) ¹	5.74%
Tax Equivalent Yield ²	11.70%
Current Monthly Distribution per Common Share ³	\$0.0740
Current Annualized Distribution per Common Share ³	\$0.8880
Economic Leverage as of July 31, 2015 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 federal and state tax rate of 50.93%, 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 Fund, 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 Fund, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the 12 months ended July 31, 2015 were as follows:

	Returns Based on	
	Market Price	NAV ⁷
MYC ⁵	10.21%	5.75%
Lipper California Municipal Debt Funds ⁶	7.67%	6.36%

- ⁵ All returns reflect reinvestment of dividends and/or distributions.

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⁶ Average return.

⁷ The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV.

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

The California municipal bond market delivered a gain during the 12-month period, as the combination of falling U.S. Treasury yields, the state's improving economy and rising revenues for state and local governments provided firm support for the market. These factors enabled longer-term bonds to outperform their short-term counterparts, and the Fund was positioned for this trend via its exposure to the long end of the yield curve. The Fund also maintained a fully invested posture with a low level of cash reserves, which allowed it to capitalize fully on the market's robust performance.

The Fund's positions in AA-rated credits within the school district, transportation and health sectors outperformed as California's improving credit profile enabled their valuations to rise. Positions in the utilities sector also aided performance. The Fund was further helped by having a zero weighting in Puerto Rico, where a deterioration of credit fundamentals led to a sharp downturn in prices.

Leverage on the Fund's assets, which was achieved through the use of tender option bonds, amplified the positive effect of falling rates on performance.

The Fund's use of U.S. Treasury futures contracts to manage interest rate risk had a slightly negative impact on performance given that bond yields declined during the reporting period.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Market Price and Net Asset Value Per Share Summary

	7/31/15	7/31/14	Change	High	Low
Market Price	\$ 15.47	\$ 14.87	4.03%	\$ 16.56	\$ 14.82
Net Asset Value	\$ 16.35	\$ 16.38	(0.18)%	\$ 16.98	\$ 16.14

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

Overview of the Fund's Total Investments*

Sector Allocation	7/31/15	7/31/14
County/City/Special District/School District	42%	38%
Education	15	13
Utilities	14	20
Health	13	12
Transportation	7	6
State	6	9
Corporate	1	1
Housing	1	1
Tobacco	1	

For Fund compliance purposes, the Fund'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 advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Credit Quality Allocation ¹	7/31/15	7/31/14
AAA/Aaa	4%	7%
AA/Aa	72	72
A	21	19
BBB/Baa	2	2
B	1	

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.

Call/Maturity Schedule²

Calendar Year Ended December 31,

2015	2%
2016	2

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2017	8
2018	15
2019	21

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

* Excludes short-term securities.

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Fund Summary as of July 31, 2015

BlackRock MuniYield Investment Fund

Fund Overview

BlackRock MuniYield Investment Fund s (MYF) (the Fund) investment objective is to provide shareholders with as high a level of current income exempt from federal income taxes as is consistent with its investment policies and prudent investment management. The Fund seeks to achieve its investment objective by investing at least 80% of its assets in municipal obligations exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax). Under normal market conditions, the Fund primarily invests in municipal bonds that are investment grade quality at the time of investment. The Fund may invest up to 20% of its total assets in securities rated below investment grade or deemed equivalent at the time of purchase. The Fund may invest directly in such securities or synthetically through the use of derivatives.

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

Fund Information

Symbol on NYSE	MYF
Initial Offering Date	February 28, 1992
Yield on Closing Market Price as of July 31, 2015 (\$14.67) ¹	6.67%
Tax Equivalent Yield ²	11.78%
Current Monthly Distribution per Common Share ³	\$0.0815
Current Annualized Distribution per Common Share ³	\$0.9780
Economic Leverage as of July 31, 2015 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 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 Fund, 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 Fund, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the 12 months ended July 31, 2015 were as follows:

	Returns Based On	
	Market Price	NAV ⁷
MYF ⁵	7.34%	6.88%
Lipper General & Insured Municipal Debt Funds (Leveraged) ⁶	6.90%	6.95%

⁵ All returns reflect reinvestment of dividends and/or distributions.

⁶ Average return.

⁷ The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV.

The following discussion relates to the Fund's absolute performance based on NAV.

Municipal bonds generally delivered gains during the 12-month period, with yields declining as prices rose. Long-term bonds outperformed short-term debt, leading to a flattening of the yield curve. In this environment, the Fund's duration positioning contributed positively to performance. The Fund's longer dated holdings in the transportation, healthcare and utilities sectors experienced the best price performance on an absolute basis. Income in the form of coupon payments made up a meaningful portion of the Fund's total return for the period. In addition, the Fund's minimal cash balance and use of leverage allowed it to increase its income.

The Fund's use of U.S. Treasury futures contracts to manage interest rate risk had a slightly negative impact on performance given that bond yields declined during the reporting period.

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BlackRock MuniYield Investment Fund

Market Price and Net Asset Value Per Share Summary

	7/31/15	7/31/14	Change	High	Low
Market Price	\$ 14.67	\$ 14.56	0.76%	\$ 16.39	\$ 14.23
Net Asset Value	\$ 15.61	\$ 15.56	0.32%	\$ 16.35	\$ 15.44

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

Overview of the Fund's Total Investments*

Sector Allocation	7/31/15	7/31/14
Transportation	27%	26%
County/City/Special District/School District	20	21
Utilities	16	17
Health	14	15
Education	7	7
State	7	6
Corporate	4	4
Tobacco	3	1
Housing	2	3

For Fund compliance purposes, the Fund'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 advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Credit Quality Allocation ¹	7/31/15	7/31/14
AAA/Aaa	7%	7%
AA/Aa	58	60
A	25	25
BBB/Baa	6	5
BB/Ba	1	1
N/R	3 ²	2

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.

² The investment advisor evaluates the credit quality of not-rated 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 advisor has deemed certain of these unrated securities as investment grade quality. As of July 31, 2015 the market value of unrated securities deemed by the investment advisor to be investment grade represents less than 1% of the Fund's total investments.

Call/Maturity Schedule³

Calendar Year Ended December 31,

2015	
2016	1%
2017	1
2018	13
2019	32

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

* Excludes short-term securities.

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Fund Summary as of July 31, 2015

BlackRock MuniYield New Jersey Fund, Inc.

Fund Overview

BlackRock MuniYield New Jersey Fund, Inc. s (MYJ) (the Fund) investment objective is to provide shareholders with as high a level of current income exempt from federal income taxes and New Jersey personal income tax as is consistent with its investment policies and prudent investment management. The Fund seeks to achieve its investment objective by investing at least 80% of its assets in municipal obligations exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax) and New Jersey personal income taxes. Under normal market conditions, the Fund invests primarily in long-term municipal obligations that are investment grade quality at the time of investment. The Fund may invest up to 20% of its total assets in securities rated below investment grade or deemed equivalent at the time of purchase. The Fund may invest directly in such securities or synthetically through the use of derivatives.

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

Fund Information

Symbol on NYSE	MYJ
Initial Offering Date	May 1, 1992
Yield on Closing Market Price as of July 31, 2015 (\$14.72) ¹	6.11%
Tax Equivalent Yield ²	11.86%
Current Monthly Distribution per Common Share ³	\$0.0750
Current Annualized Distribution per Common Share ³	\$0.9000
Economic Leverage as of July 31, 2015 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 federal and state tax rate of 48.48%, 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 Fund, 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 Fund, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the 12 months ended July 31, 2015 were as follows:

	Returns Based On	
	Market Price	NAV ⁷
MYJ ⁵	6.54%	5.52%
Lipper New Jersey Municipal Debt Funds ⁶	6.31%	4.64%

⁵ All returns reflect reinvestment of dividends and/or distributions.

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⁶ Average return.

⁷ The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV.

The following discussion relates to the Fund's absolute performance based on NAV.

Municipal bonds generally delivered gains during the 12-month period, with yields declining as prices rose. Long-term bonds outperformed short-term debt, leading to a flattening of the yield curve. In this environment, the Fund's duration positioning contributed positively to performance. The Fund's longer dated holdings in the transportation, local tax-backed and education sectors experienced the best price performance on an absolute basis. Income in the form of coupon payments made up a meaningful portion of the Fund's total return for the period. In addition, the Fund's minimal cash balance and use of leverage allowed it to increase its income.

The Fund's use of U.S. Treasury futures contracts to manage interest rate risk had a slightly negative impact on performance given that bond yields declined during the reporting period.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Market Price and Net Asset Value Per Share Summary

	7/31/15	7/31/14	Change	High	Low
Market Price	\$ 14.72	\$ 14.67	0.34%	\$ 15.80	\$ 14.20
Net Asset Value	\$ 16.01	\$ 16.11	(0.62)%	\$ 16.97	\$ 15.79

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

Overview of the Fund's Total Investments*

Sector Allocation	7/31/15	7/31/14
Transportation	35%	33%
Education	19	17
State	15	20
County/City/Special District/School District	15	12
Corporate	7	7
Health	6	8
Housing	2	2
Utilities	1	1

For Fund compliance purposes, the Fund'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 advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Credit Quality Allocation ¹	7/31/15	7/31/14
AAA/Aaa	3%	5%
AA/Aa	39	38
A	46	44
BBB/Baa	9	10
BB/Ba	1	
B		1
N/R ²	2	2

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.

² The investment advisor 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 advisor has deemed certain of these unrated securities as investment grade quality. As of July 31, 2015 and July 31, 2014, the market value of unrated securities deemed by the investment advisor to be investment grade represents 1% and 2%, respectively, of the Fund's total investments.

Call/Maturity Schedule³

Calendar Year Ended December 31,

2015	3%
2016	1
2017	6
2018	11
2019	12

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

* Excludes short-term securities.

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Schedule of Investments July 31, 2015

BlackRock Muni New York Intermediate Duration Fund, Inc. (MNE)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
New York 131.4%		
Corporate 13.6%		
Build NYC Resource Corp., Refunding RB:		
Ethical Culture Fieldston School Project, 5.00%, 6/01/30	\$ 385	\$ 439,216
The Packer Collegiate Institute Project, 5.00%, 6/01/35	250	280,077
Prat Paper, Inc. Project, AMT, 4.50%, 1/01/25 (a)	500	530,120
City of New York New York Industrial Development Agency, ARB, British Airways PLC Project, AMT, 7.63%, 12/01/32	1,000	1,015,030
City of New York New York Industrial Development Agency, Refunding RB, Terminal One Group Association Project, AMT (b):		
5.50%, 1/01/18	1,000	1,021,460
5.50%, 1/01/21	250	255,195
5.50%, 1/01/24	1,000	1,019,890
County of Essex New York Industrial Development Agency, Refunding RB, International Paper Co. Project, Series A, AMT, 5.20%, 12/01/23	1,000	1,009,860
New York State Energy Research & Development Authority, Refunding RB (NPFGC):		
Brooklyn Union Gas/Keyspan, Series A, AMT, 4.70%, 2/01/24	500	509,520
Rochester Gas & Electric Corp., Series C, 5.00%, 8/01/32 (b)	1,000	1,038,520
Niagara Area Development Corp., Refunding RB, Solid Waste Disposal Facility, Covanta Energy Project, Series B, 4.00%, 11/01/24 (a)	500	506,210
Utility Debt Securitization Authority, Refunding RB, New York Restructuring, Series E, 5.00%, 12/15/32	1,000	1,166,400
		8,791,498
County/City/Special District/School District 23.2%		
Amherst Development Corp., Refunding RB, University at Buffalo Foundation Faculty-Student Housing Corp., Series A (AGM), 4.00%, 10/01/24	1,000	1,058,310
City of New York New York, GO, Refunding, Series E:		
5.25%, 8/01/22	2,000	2,405,980
5.00%, 8/01/30	1,250	1,422,187
City of New York New York, GO:		
Sub-Series A-1, 5.00%, 8/01/33	700	792,008
Sub-Series B-1, 5.25%, 9/01/22	750	843,480
Sub-Series I-1, 5.50%, 4/01/21	1,500	1,718,310
Sub-Series I-1, 5.13%, 4/01/25	750	845,243
City of New York New York Convention Center Development Corp., RB, Hotel Unit Fee Secured (AMBAC), 5.00%, 11/15/35	120	121,486
	Par	
Municipal Bonds	(000)	Value
New York (continued)		
County/City/Special District/School District (concluded)		
City of New York New York Industrial Development Agency, RB, PILOT, Queens Baseball Stadium (AMBAC), 5.00%, 1/01/31	\$ 1,500	\$ 1,542,960
City of New York New York Industrial Development Agency, Refunding ARB, Transportation Infrastructure Properties LLC, Series A, AMT, 5.00%, 7/01/22	750	826,545
City of Yonkers New York, GO, Refunding, Series B, 5.00%, 8/01/24	490	588,255
County of Nassau New York, GO, Series A, 5.00%, 10/01/33	500	559,605
Hudson Yards Infrastructure Corp., RB, Senior, Fiscal 2012, Series A, 5.75%, 2/15/47	1,000	1,138,680
New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.00%, 11/15/31	1,000	1,135,890
		14,998,939
Education 22.5%		
Build NYC Resource Corp., RB, Bronx Charter School For Excellence Project, Series A, 3.88%, 4/15/23	505	495,885
County of Buffalo & Erie New York Industrial Land Development Corp., Refunding RB, Buffalo State College Foundation Housing, 6.00%, 10/01/31	1,000	1,171,290
County of Monroe New York Industrial Development Corp., Refunding RB, Series A, 5.00%, 7/01/30	1,000	1,150,620
	1,000	1,108,340

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County of Nassau New York Industrial Development Agency, Refunding RB, New York Institute of Technology Project, Series A, 5.00%, 3/01/21

County of Schenectady New York Capital Resource Corp., Refunding RB, Union College, 5.00%, 7/01/32	500	565,700
New York City Transitional Finance Authority Building Aid Revenue, RB, Fiscal 2015, Series S-1, 5.00%, 7/15/31	500	579,560
New York City Trust for Cultural Resources, Refunding RB, American Museum of Natural History, Series A, 5.00%, 7/01/32	500	577,715
New York State Dormitory Authority, RB:		
Convent of the Sacred Heart (AGM), 4.00%, 11/01/18	880	959,658
Convent of the Sacred Heart (AGM), 5.00%, 11/01/21	120	141,371
Fordham University, Series A, 5.25%, 7/01/25	500	579,205
Mount Sinai School of Medicine, 5.50%, 7/01/25	1,000	1,140,690
Mount Sinai School of Medicine, Series A (NPFGC), 5.15%, 7/01/24	250	283,170
Series A, 5.00%, 3/15/32	1,000	1,159,980
New York State Dormitory Authority, Refunding RB:		
The Culinary Institute of America, 5.00%, 7/01/28	500	548,445
Fordham University, 5.00%, 7/01/29	375	426,060

Portfolio Abbreviations

AGC	Assured Guarantee Corp.	EDA	Economic Development Authority	LRB	Lease Revenue Bonds
AGM	Assured Guaranty Municipal Corp.	ERB	Education Revenue Bonds	M/F	Multi-Family
AMBAC	American Municipal Bond Assurance Corp.	GARB	General Airport Revenue Bonds	NPFGC	National Public Finance Guarantee Corp.
AMT	Alternative Minimum Tax (subject to)	GO	General Obligation Bonds	PILOT	Payment in Lieu of Taxes
ARB	Airport Revenue Bonds	HFA	Housing Finance Agency	RB	Revenue Bonds
BARB	Building Aid Revenue Bonds	IDA	Industrial Development Authority	S/F	Single-Family
CAB	Capital Appreciation Bonds	IDB	Industrial Development Board	SONYMA	State of New York Mortgage Agency
COP	Certificates of Participation	ISD	Independent School District	Syncora	Syncora Guarantee

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Muni New York Intermediate Duration Fund, Inc. (MNE)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
New York (continued)		
Education (concluded)		
New York State Dormitory Authority, Refunding RB (concluded):		
Fordham University, 5.00%, 7/01/30	\$ 300	\$ 338,616
Pace University, Series A, 5.00%, 5/01/27	1,000	1,081,940
State of New York Dormitory Authority, RB, Touro College & University System Obligation Group, Series A, 4.13%, 1/01/30	1,000	1,012,270
State of New York Dormitory Authority, Refunding RB, State University Dormitory Facilities, Series A, 5.25%, 7/01/30	1,050	1,227,439
		14,547,954
Health 18.9%		
Build NYC Resource Corp., Refunding RB, New York Methodist Hospital Project, 5.00%, 7/01/30	500	554,785
County of Dutchess New York Industrial Development Agency, RB, Vassar Brothers Medical Center (AGC), 5.00%, 4/01/21	215	247,108
County of Dutchess New York Local Development Corp., Refunding RB, Health Quest System, Inc., Series A (AGM), 5.25%, 7/01/25	1,000	1,131,660
County of Erie New York Industrial Development Agency, RB, Episcopal Church Home, Series A, 5.88%, 2/01/18	110	110,295
County of Suffolk New York Industrial Development Agency, Refunding RB, Jefferson s Ferry Project, 4.63%, 11/01/16	800	830,584
County of Westchester New York Healthcare Corp., Refunding RB, Senior Lien:		
Remarketing, Series A, 5.00%, 11/01/24	910	1,007,679
Remarketing, Series A, 5.00%, 11/01/30	580	625,107
Series B, 6.00%, 11/01/30	240	272,246
County of Westchester New York Local Development Corp., Refunding RB, Kendal On Hudson Project:		
3.00%, 1/01/18	500	517,370
4.00%, 1/01/23	250	265,245
5.00%, 1/01/28	875	946,986
New York State Dormitory Authority, RB:		
New York State Association for Retarded Children, Inc., Series A, 5.30%, 7/01/23	450	511,223
New York University Hospitals Center, Series A, 5.00%, 7/01/22	1,000	1,130,050
New York University Hospitals Center, Series B, 5.25%, 7/01/17 (c)	330	353,711
New York State Dormitory Authority, Refunding RB:		
Mount Sinai Hospital Series A, 4.25%, 7/01/23	250	271,025
North Shore-Long Island Jewish Obligated Group, Series E, 5.00%, 5/01/22	650	722,930
State of New York Dormitory Authority, Refunding RB, North Shore-Long Island Jewish Obligated Group, Series A:		
5.00%, 5/01/32	1,270	1,421,689
5.00%, 5/01/32	500	546,355
Yonkers New York Industrial Development Agency, RB, Sacred Heart Association Project, Series A, AMT (SONYMA), 4.80%, 10/01/26	750	780,967
		12,247,015
Housing 4.0%		
City of New York New York Housing Development Corp., RB, M/F Housing:		
Series B1, 5.25%, 7/01/30	500	572,675
Series H-2-A, Remarketing, AMT, 5.00%, 11/01/30	780	797,792
	Par	
	(000)	Value
Municipal Bonds		
New York (continued)		
Housing (concluded)		
State of New York Mortgage Agency, Refunding RB, S/F Housing, AMT:		
143rd Series, 4.85%, 10/01/27	\$ 500	\$ 519,590
194th Series, 3.40%, 10/01/25	735	734,507

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		2,624,564
State 10.9%		
New York City Transitional Finance Authority, BARB, Fiscal 2009, Series S-3, 5.00%, 1/15/23	575	643,845
New York State Dormitory Authority, RB:		
Haverstraw King s Daughters Public Library, 5.00%, 7/01/26	1,015	1,159,759
Municipal Health Facilities Lease, Sub-Series 2-4, 5.00%, 1/15/27	600	657,324
New York State Dormitory Authority, Refunding RB, Barnard College, Series A, 4.00%, 7/01/31	1,000	1,044,980
New York State Thruway Authority, Refunding RB, Series A-1, 5.00%, 4/01/22	1,000	1,122,170
New York State Urban Development Corp., RB:		
Personal Income Tax, Series A-1, 5.00%, 3/15/32	400	457,944
Service Contract, Series B, 5.00%, 1/01/21	1,500	1,671,195
State of New York Thruway Authority, RB, Transportation, Series A, 5.00%, 3/15/32	250	286,215
		7,043,432
Tobacco 0.9%		
Niagara Tobacco Asset Securitization Corp., Refunding RB, Asset-Backed, 5.25%, 5/15/34	500	558,465
Transportation 23.8%		
Metropolitan Transportation Authority, RB:		
Series A, 5.00%, 11/15/27	1,000	1,151,380
Series A (NPFGC), 5.00%, 11/15/24	1,010	1,070,398
Series A-1, 5.25%, 11/15/33	500	575,655
Series B, 5.25%, 11/15/33	1,000	1,158,420
Series B (NPFGC), 5.25%, 11/15/19	860	1,000,171
Sub-Series B-1, 5.00%, 11/15/24	460	542,874
Sub-Series B-4, 5.00%, 11/15/24	300	354,048
Port Authority of New York & New Jersey, ARB, JFK International Air Terminal LLC Project, 5.00%, 12/01/20	1,000	1,136,370
Port Authority of New York & New Jersey, RB, Consolidated, 169th Series, AMT, 5.00%, 10/15/21	2,000	2,328,440
Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 152nd Series, AMT, 5.00%, 11/01/23	500	539,575
Port Authority of New York & New Jersey, Refunding RB, AMT:		
178th Series, 5.00%, 12/01/32	1,000	1,110,620
Consolidated, 152nd Series, 5.00%, 11/01/24	1,000	1,076,000
State of New York Thruway Authority, Refunding RB, General:		
Series I, 5.00%, 1/01/37	750	836,482
Series K, 5.00%, 1/01/32	650	739,928
Triborough Bridge & Tunnel Authority, Refunding RB, Series A:		
5.00%, 11/15/24	1,000	1,178,630
5.00%, 1/01/27	500	581,720
		15,380,711
Utilities 13.6%		
City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer System, 2nd General Resolution:		
Series DD, 5.00%, 6/15/32	500	549,765
Series EE, 5.00%, 6/15/34	3,000	3,366,060

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Muni New York Intermediate Duration Fund, Inc. (MNE)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
New York (concluded)		
Utilities (concluded)		
Long Island Power Authority, Refunding RB:		
Electric System, Series A, 5.50%, 4/01/24	\$ 500	\$ 554,340
General, Series D (NPFGC), 5.00%, 9/01/25	2,000	2,083,380
Series A, 5.00%, 9/01/34	1,000	1,116,650
New York State Environmental Facilities Corp., Refunding RB, NYC Municipal Water Finance Authority Project, 2nd Resolution, Series B, 5.00%, 6/15/31	1,000	1,148,460
		8,818,655
Total Municipal Bonds in New York		85,011,233
Puerto Rico 2.4%		
Housing 2.4%		
Puerto Rico Housing Finance Authority, Refunding RB, M/F Housing, Subordinate, Capital Fund Modernization, 5.13%, 12/01/27	1,500	1,580,820
U.S. Virgin Islands 0.8%		
Virgin Islands Public Finance Authority, Refunding RB, Series C, 5.00%, 10/01/30	500	542,425
Total Municipal Bonds 134.6%		87,134,478
Municipal Bonds Transferred to Tender Option Bond Trusts (d)		
New York 18.2%		
County/City/Special District/School District 4.1%		
City of New York New York, GO, Refunding, Series E, 5.00%, 8/01/27	599	677,386
City of New York New York, GO:		
Series I, 5.00%, 3/01/32	991	1,125,886
Sub-Series G-1, 5.00%, 4/01/29	750	856,538
		2,659,810
State 4.5%		
New York State Urban Development Corp., RB, Personal Income Tax, Series A-1, 5.00%, 3/15/32	1,499	1,716,059
Sales Tax Asset Receivable Corp., Refunding RB, Fiscal 2015, Series A, 5.00%, 10/15/31	990	1,166,507
		2,882,566
	Par	
	(000)	Value
Municipal Bonds Transferred to Tender Option Bond Trusts (d)		
New York (concluded)		
Transportation 4.4%		
Metropolitan Transportation Authority, RB, Series B, 5.25%, 11/15/25	\$ 749	\$ 863,009
Port Authority of New York & New Jersey, ARB, Consolidated, 169th Series, AMT, 5.00%, 10/15/26	750	854,212
Port Authority of New York & New Jersey, RB, 178th Series, AMT, 5.00%, 12/01/32	991	1,100,614
		2,817,835
Utilities 5.2%		
City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer System:		
2nd General Resolution, Fiscal 2011, Series HH, 5.00%, 6/15/32	1,560	1,781,036
Series A, 4.75%, 6/15/30	1,500	1,600,635
		3,381,671
Total Municipal Bonds Transferred to Tender Option Bond Trusts 18.2%		11,741,882

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Total Long-Term Investments		
(Cost \$92,982,195) 152.8%		98,876,360
Short-Term Securities	Shares	
BIF New York Municipal Money Fund, 0.00% (e)(f)	970,820	970,820
Total Short-Term Securities		970,820
(Cost \$970,820) 1.5%		970,820
Total Investments (Cost \$93,953,015) 154.3%		99,847,180
Other Assets Less Liabilities 1.3%		890,234
Liability for TOB Trust Certificates, Including Interest		
Expense and Fees Payable (9.9)%		(6,420,440)
VRDP Shares, at Liquidation Value (45.7)%		(29,600,000)
Net Assets Applicable to Common Shares 100.0%		\$ 64,716,974

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) Variable rate security. Rate shown is as of report date.
- (c) 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.
- (d) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details of municipal bonds transferred to TOB Trusts.
- (e) During the year ended July 31, 2015, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the 1940 Act were as follows:

Affiliate	Shares Held at July 31, 2014	Net Activity	Shares Held at July 31, 2015	Income	Realized Gain
BIF New York Municipal Money Fund	441,039	529,781	970,820		\$ 107

- (f) Represents the current yield as of report date.

For Fund compliance purposes, the Fund's sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

See Notes to Financial Statements.

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Net Change in Unrealized Appreciation

(Depreciation) on:

Financial futures contracts	\$ (34,338)	\$ (34,338)
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For the year ended July 31, 2015, the average quarterly balances of outstanding derivative financial instruments were as follows:

Financial futures contracts:

Average notional value of contracts	short	\$ 7,741,730
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Fair Value Hierarchy as of July 31, 2015

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to Note 3 of the Notes to Financial Statements.

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

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 98,876,360		\$ 98,876,360
Short-Term Securities	\$ 970,820			970,820
Total	\$ 970,820	\$ 98,876,360		\$ 99,847,180

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

	Level 1	Level 2	Level 3	Total
Derivative Financial Instruments²				
Liabilities:				
Interest rate contracts	\$ (19,158)			\$ (19,158)

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

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock Muni New York Intermediate Duration Fund, Inc.
(MNE)

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of July 31, 2015, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Cash pledged for financial futures contracts	\$ 63,450			\$ 63,450
Liabilities:				
TOB Trust Certificates		\$ (6,419,171)		(6,419,171)
VRDP Shares		(29,600,000)		(29,600,000)
Total	\$ 63,450	\$ (36,019,171)		\$ (35,955,721)

During the year ended July 31, 2015, there were no transfers between levels.

See Notes to Financial Statements.

Schedule of Investments July 31, 2015

BlackRock MuniYield Arizona Fund, Inc. (MZA)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
Arizona 143.5%		
Corporate 17.9%		
County of Maricopa Arizona Pollution Control Corp., Refunding RB, Southern California Edison Co., Series A, 5.00%, 6/01/35	\$ 4,350	\$ 4,873,131
County of Pima Arizona IDA, RB, Tucson Electric Power Co. Project, Series A, 5.25%, 10/01/40	1,000	1,097,370
County of Pima Arizona IDA, Refunding RB, Tucson Electric Power Co. Project, Series A, 4.00%, 9/01/29	1,000	1,032,350
Salt Verde Financial Corp., RB, Senior: 5.50%, 12/01/29	2,000	2,372,980
5.00%, 12/01/37	2,500	2,741,875
		12,117,706
County/City/Special District/School District 37.9%		
City of Tucson Arizona, COP (AGC), 5.00%, 7/01/29	1,000	1,103,240
County of Maricopa Arizona Community College District, GO, Series C, 3.00%, 7/01/22	1,000	1,038,640
County of Maricopa Arizona School District No. 28 Kyrene Elementary, GO, School Improvement Project of 2010, Series B (a): 5.50%, 7/01/29	480	574,834
5.50%, 7/01/30	400	477,456
County of Maricopa Arizona Unified School District No. 89 Dysart, GO, School Improvement Project of 2006, Series C, 6.00%, 7/01/28	1,000	1,141,500
County of Mohave Arizona Unified School District No. 20 Kingman, GO, School Improvement Project of 2006, Series C (AGC), 5.00%, 7/01/26	1,000	1,128,360
County of Pinal Arizona, RB, 5.00%, 8/01/33	500	569,480
County of Yuma Arizona Library District, GO (Syncora), 5.00%, 7/01/26	1,000	1,082,320
Gilbert Public Facilities Municipal Property Corp., RB, 5.50%, 7/01/27	2,000	2,258,200
Gladden Farms Community Facilities District, GO, 5.50%, 7/15/31	750	755,872
Greater Arizona Development Authority, RB, Santa Cruz County Jail, Series 2, 5.25%, 8/01/31	1,155	1,262,450
Marana Municipal Property Corp., RB, Series A, 5.00%, 7/01/28	2,500	2,737,950
Maricopa County Unified School District No. 11-Peoria, GO, 5.00%, 7/01/35	1,250	1,430,725
Phoenix-Mesa Gateway Airport Authority, RB, Mesa Project, AMT, 5.00%, 7/01/38	3,600	3,871,800
Town of Buckeye Arizona, RB, 5.00%, 7/01/43	4,000	4,428,240
Vistancia Community Facilities District Arizona, GO: 6.75%, 7/15/22	1,045	1,048,950
5.75%, 7/15/24	750	752,033
		25,662,050
Education 25.4%		
Arizona Board of Regents, COP, Refunding, University of Arizona, Series C, 5.00%, 6/01/30	2,595	2,891,349
Arizona State University, RB, Series C (b): 6.00%, 7/01/18	970	1,108,458
6.00%, 7/01/18	745	851,341
6.00%, 7/01/18	425	485,665
6.00%, 7/01/18	400	457,096
City of Phoenix Arizona IDA, RB: Candeo School, Inc. Project, 6.63%, 7/01/33	500	556,790
Great Hearts Academies - Veritas Project, 6.30%, 7/01/42	500	528,875
Great Hearts Academies Project, Series A, 5.00%, 7/01/44 (c)	2,000	2,005,620
Legacy Traditional Schools Project, Series A, 6.75%, 7/01/44 (c)	440	491,638
	Par	
	(000)	Value
Municipal Bonds		
Arizona (continued)		
Education (concluded)		
City of Phoenix Arizona IDA, Refunding RB (c): Basis Schools, Inc. Projects, Series A, 5.00%, 7/01/45	\$ 1,000	\$ 989,240
Legacy Traditional School Projects, 5.00%, 7/01/45	500	472,585
County of Pima Arizona IDA, Refunding RB, Arizona Charter Schools Project, Series O, 5.00%, 7/01/26	915	916,665

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Northern Arizona University, RB, Stimulus Plan for Economic and Educational Development, 5.00%, 8/01/38	3,000	3,338,190
Student & Academic Services LLC, RB, 5.00%, 6/01/39	1,400	1,549,352
Town of Florence, Inc. Arizona, IDA, ERB, Legacy Traditional School Project, Queen Creek and Casa Grande Campuses, 6.00%, 7/01/43	500	536,725
		17,179,589
Health 17.0%		
Arizona Health Facilities Authority, RB, Catholic Healthcare West, Series B-2 (AGM), 5.00%, 3/01/41	500	543,270
Arizona Health Facilities Authority, Refunding RB:		
Banner Health, Series D, 5.50%, 1/01/38	4,800	5,142,576
Phoenix Children's Hospital, Series A, 5.00%, 2/01/42	1,000	1,046,250
City of Tempe Arizona IDA, Refunding RB, Friendship Village of Tempe, Series A, 6.25%, 12/01/42	500	540,570
County of Maricopa Arizona IDA, RB, Catholic Healthcare West, Series A, 6.00%, 7/01/39	170	192,064
County of Maricopa Arizona IDA, Refunding RB, Samaritan Health Services, Series A (NPFGC), 7.00%, 12/01/16 (d)	1,000	1,033,310
University Medical Center Corp., RB, 6.50%, 7/01/19 (b)	500	600,235
University Medical Center Corp., Refunding RB, 6.00%, 7/01/21 (b)	1,000	1,241,400
Yavapai County IDA, Refunding RB, Northern Arizona Healthcare System, 5.25%, 10/01/26	1,000	1,149,440
		11,489,115
Housing 0.5%		
City of Phoenix & County of Maricopa Arizona IDA, Refunding RB, S/F Housing, AMT (Fannie Mae):		
Series A-1, 5.75%, 5/01/40	30	31,998
Series A-2, 5.80%, 7/01/40	35	36,539
City of Phoenix & County of Pima Arizona IDA, RB, S/F Housing, Series 1A, AMT (Fannie Mae), 5.65%, 7/01/39	154	154,086
City of Phoenix & County of Pima Arizona IDA, Refunding RB, S/F Housing, Series 1, AMT (Fannie Mae), 5.25%, 8/01/38	11	10,739
City of Phoenix Arizona IDA, Refunding RB, S/F Housing, Series 2, AMT (Fannie Mae), 5.50%, 12/01/38	39	40,794
County of Maricopa Arizona IDA, RB, S/F Housing, Series 3-B, AMT (Ginnie Mae), 5.25%, 8/01/38	50	50,016
		324,172
State 16.4%		
Arizona Department of Transportation State Highway Fund, RB, Series B, 5.00%, 7/01/18 (b)	4,000	4,456,320
Arizona School Facilities Board, COP (b):		
5.13%, 9/01/18	1,000	1,125,460
5.75%, 9/01/18	2,000	2,288,780
Arizona Sports & Tourism Authority, Refunding RB, Multipurpose Stadium Facility Project, Series A, 5.00%, 7/01/31	1,000	1,060,490

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield Arizona Fund, Inc. (MZA)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
Arizona (concluded)		
State (concluded)		
State of Arizona, RB, Lottery Revenue, Series A (AGM), 5.00%, 7/01/29	\$ 1,930	\$ 2,168,336
		11,099,386
Transportation 4.3%		
City of Phoenix Arizona Civic Improvement Corp., RB, Senior Lien, Series A, AMT, 5.00%, 7/01/33	1,000	1,090,970
City of Phoenix Arizona Civic Improvement Corp., Refunding RB:		
Junior Lien, Series A, 5.00%, 7/01/40	1,000	1,088,630
Senior Lien, AMT, 5.00%, 7/01/32	700	773,052
		2,952,652
Utilities 24.1%		
City of Phoenix Arizona Civic Improvement Corp., Refunding RB, Senior Lien, 5.50%, 7/01/22	2,000	2,259,380
County of Pinal Arizona, RB, Electric District No. 4, 6.00%, 12/01/18 (b)	2,000	2,321,380
County of Pinal Arizona, Refunding RB, Electric District No. 3, 5.25%, 7/01/36	2,500	2,755,775
County of Pinal Arizona IDA, RB, San Manuel Facility Project, AMT, 6.25%, 6/01/26	500	508,445
Gilbert Water Resource Municipal Property Corp., RB, Subordinate Lien (NPFGC), 5.00%, 10/01/29	900	964,638
Greater Arizona Development Authority, RB, Series B (NPFGC):		
5.00%, 8/01/30	1,600	1,605,040
5.00%, 8/01/35	1,000	1,003,000
Salt River Project Agricultural Improvement & Power District, RB, Series A, 5.00%, 1/01/24	1,000	1,096,270
Salt River Project Agricultural Improvement & Power District, Refunding RB, Series A:		
5.00%, 1/01/16 (b)	1,500	1,530,105
5.00%, 12/01/41	2,000	2,288,860
		16,332,893
Total Municipal Bonds in Arizona		97,157,563
Guam 3.1%		
State 3.1%		
Territory of Guam, RB, Business Privilege Tax:		
Series A, 5.25%, 1/01/36	65	71,289
Series A, 5.13%, 1/01/42	800	862,192
	Par	
	(000)	Value
Municipal Bonds		
Guam (concluded)		
State (concluded)		
Territory of Guam, RB, Business Privilege Tax (concluded):		
Series B-1, 5.00%, 1/01/37	\$ 80	\$ 86,889
Series B-1, 5.00%, 1/01/42	1,000	1,074,800
Total Municipal Bonds in Guam		2,095,170
Total Municipal Bonds 146.6%		99,252,733
Municipal Bonds Transferred to		
Tender Option Bond Trusts (e)		
Arizona 11.0%		
Utilities 11.0%		
City of Mesa Arizona, RB, Utility System, 5.00%, 7/01/35	3,000	3,391,380
City of Phoenix Arizona Civic Improvement Corp., Refunding RB, Water System, Junior Lien, Series A, 5.00%, 7/01/34	3,000	3,345,210
Salt River Project Agricultural Improvement & Power District, RB, Electric System, Series A, 5.00%, 1/01/38	660	711,995
Total Municipal Bonds Transferred to		
Tender Option Bond Trusts 11.0%		7,448,585

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Total Long-Term Investments		
(Cost \$98,870,447) 157.6%		106,701,318
Short-Term Securities	Shares	
FBI Institutional Tax-Exempt Fund, 0.01% (f)(g)	1,074,105	1,074,105
Total Short-Term Securities		1,074,105
(Cost \$1,074,105) 1.6%		1,074,105
Total Investments (Cost \$99,944,552) 159.2%		107,775,423
Other Assets Less Liabilities 0.8%		562,411
Liability for TOB Trust Certificates, Including Interest		
Expense and Fees Payable (4.9)%		(3,330,133)
VRDP Shares, at Liquidation Value (55.1)%		(37,300,000)
Net Assets Applicable to Common Shares 100.0%		\$ 67,707,701

Notes to Schedule of Investments

- (a) Variable rate security. Rate shown is as of report date.
- (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) 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.
- (d) Security is collateralized by Municipal or U.S. Treasury obligations.
- (e) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details of municipal bonds transferred to TOB Trusts.
- (f) During the year ended July 31, 2015, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the 1940 Act were as follows:

Affiliate	Shares Held at July 31, 2014	Net Activity	Shares Held at July 31, 2015	Income
FBI Institutional Tax-Exempt Fund	3,656,883	(2,582,778)	1,074,105	\$ 1,344

- (g) Represents the current yield as of report date.

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock MuniYield Arizona Fund, Inc. (MZA)

For Fund compliance purposes, the Fund'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 advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Derivative Financial Instruments Categorized by Risk Exposure

The following is a summary of the Fund's derivative financial instruments categorized by risk exposure. For information about the Fund's investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.

For the year ended July 31, 2015, the effect of derivative financial instruments in the Statements of Operations was as follows:

	Foreign					
	Commodity	Credit	Equity	Currency	Interest	
	Contracts	Contracts	Contracts	Exchange	Rate	Total
Net Realized Gain (Loss) from:						
Financial futures contracts					\$ 40,781	\$ 40,781

For the year ended July 31, 2015, the average quarterly balances of outstanding derivative financial instruments were as follows:

Financial futures contracts:	
Average notional value of contracts short	\$ 981,563

Fair Value Hierarchy as of July 31, 2015

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to Note 3 of the Notes to Financial Statements.

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

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 106,701,318		\$ 106,701,318
Short-Term Securities	\$ 1,074,105			1,074,105
Total	\$ 1,074,105	\$ 106,701,318		\$ 107,775,423

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

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of July 31, 2015, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
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Liabilities:		
TOB Trust Certificates	\$ (3,330,000)	\$ (3,330,000)
VRDP Shares	(37,300,000)	(37,300,000)
Total	\$ (40,630,000)	\$ (40,630,000)

During the year ended July 31, 2015, there were no transfers between levels.

See Notes to Financial Statements.

Schedule of Investments July 31, 2015

BlackRock MuniYield California Fund, Inc. (MYC)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
California 88.7%		
Corporate 1.6%		
City of Chula Vista California, Refunding RB, San Diego Gas & Electric:		
Series A, 5.88%, 2/15/34	\$ 975	\$ 1,121,152
Series D, 5.88%, 1/01/34	4,000	4,599,600
		5,720,752
County/City/Special District/School District 31.3%		
Campbell Union High School District, GO, Election of 2006, Series C, 5.75%, 8/01/40	4,000	4,689,560
City of Los Angeles California, COP, Senior, Sonnenblick Del Rio West Los Angeles (AMBAC), 6.20%, 11/01/31	2,000	2,009,020
City of Los Angeles California Municipal Improvement Corp., RB, Real Property, Series E:		
5.75%, 9/01/34	1,215	1,396,035
6.00%, 9/01/34	2,660	3,097,118
City of San Jose California Hotel Tax, RB, Convention Center Expansion & Renovation Project:		
6.50%, 5/01/36	1,520	1,839,778
6.50%, 5/01/42	1,860	2,233,674
County of San Joaquin California Transportation Authority, Refunding RB, Limited Tax, Measure K, Series A, 6.00%, 3/01/36	2,440	2,937,199
County of Santa Clara California Financing Authority, Refunding LRB, Series L, 5.25%, 5/15/36	16,000	17,495,360
El Monte California Union High School District, GO, Election of 2002, Series C, 5.25%, 6/01/32	9,620	10,531,399
Garden Grove California Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40	5,500	6,244,590
Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (a)	2,000	2,518,460
Los Angeles Community College District California, GO, Election of 2008, Series C, 5.25%, 8/01/39	7,485	8,715,459
Los Rios Community College District, GO, Election of 2002, Series D, 5.38%, 8/01/34	4,635	5,267,770
Oak Grove School District California, GO, Election of 2008, Series A, 5.50%, 8/01/33	4,000	4,586,920
Ohlone Community College District, GO, Election of 2010, Series A, 5.25%, 8/01/41	7,135	8,276,101
Pico Rivera Public Financing Authority, RB, 5.75%, 9/01/39	6,035	6,918,886
Riverside Community Properties Development, Inc., RB, Riverside County Law Building Project, 6.00%, 10/15/38	5,000	5,865,100
San Diego Regional Building Authority, RB, County Operations Center & Annex, Series A, 5.38%, 2/01/36	4,135	4,657,333
Santa Ana Unified School District, GO, Election of 2008, Series A, 5.13%, 8/01/33	6,210	6,862,981
West Contra Costa California Unified School District, GO, Election of 2012, Series A, 5.50%, 8/01/39	2,500	2,883,950
		109,026,693
Education 6.0%		
California Educational Facilities Authority, RB, Chapman University, 5.00%, 4/01/45	2,375	2,609,697
California Educational Facilities Authority, Refunding RB:		
Pitzer College, 6.00%, 4/01/40	2,500	2,960,825
San Francisco University, 6.13%, 10/01/36	1,745	2,119,652
California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42	2,750	3,251,105
California School Finance Authority, RB:		
Alliance College-Ready Public Schools - 2023 Union LLC Project, Series A, 6.00%, 7/01/33	1,500	1,672,710
	Par	
	(000)	Value
Municipal Bonds		
California (continued)		
Education (concluded)		
California School Finance Authority, RB (concluded):		
Alliance College-Ready Public Schools - 2023 Union LLC Project, Series A, 6.30%, 7/01/43	\$ 3,000	\$ 3,385,980
Value Schools, 6.65%, 7/01/33	595	659,450
Value Schools, 6.90%, 7/01/43	1,330	1,490,518
California State University, Refunding RB, Series A, 5.00%, 11/01/43 (b)	2,500	2,845,925

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		20,995,862
Health 12.6%		
California Health Facilities Financing Authority, RB:		
Children's Hospital, Series A, 5.25%, 11/01/41	10,000	11,057,000
St. Joseph Health System, Series A, 5.75%, 7/01/39	1,000	1,143,010
Sutter Health, Series B, 6.00%, 8/15/42	7,530	8,927,116
California Health Facilities Financing Authority, Refunding RB, Catholic Healthcare West, Series A, 6.00%, 7/01/39	10,000	11,418,300
California Statewide Communities Development Authority, RB, Sutter Health, Series A, 6.00%, 8/15/42	7,995	9,478,392
Washington Township Health Care District, GO, Series B, 5.50%, 8/01/38	1,625	1,912,495
		43,936,313
Housing 1.0%		
County of Santa Clara California Housing Authority, RB, John Burns Gardens Apartments Project, Series A, AMT, 6.00%, 8/01/41	3,500	3,502,275
State 9.8%		
State of California, GO, Various Purposes:		
6.00%, 4/01/38	8,000	9,323,120
6.00%, 11/01/39	3,355	3,991,075
State of California Public Works Board, LRB:		
Department of Developmental Services, Poterville, Series C, 6.25%, 4/01/34	1,505	1,765,711
Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34	10,000	11,825,300
Trustees of the California State University, Series D, 6.00%, 4/01/27	215	251,380
Various Capital Projects, Series I, 5.50%, 11/01/33	1,510	1,795,058
Various Capital Projects, Sub-Series I-1, 6.38%, 11/01/34	4,400	5,294,256
		34,245,900
Tobacco 1.0%		
Golden State Tobacco Securitization Corp., Refunding RB, Asset-Backed, Senior, Series A-1, 5.75%, 6/01/47	4,000	3,400,840
Transportation 8.3%		
City & County of San Francisco California Airports Commission, ARB, Series E, 6.00%, 5/01/39	5,215	6,068,904
City & County of San Francisco California Airports Commission, Refunding ARB, 2nd Series A, AMT, 5.25%, 5/01/33	1,440	1,624,262
City of Los Angeles California Department of Airports, Refunding ARB, Los Angeles International Airport, Series A, 5.25%, 5/15/39	3,605	4,053,426
City of San Jose California, RB, Series A-1, AMT (AGM):		
5.50%, 3/01/30	1,000	1,130,360
5.75%, 3/01/34	1,000	1,146,660
City of San Jose California, Refunding ARB, Series A-1, AMT, 6.25%, 3/01/34	1,400	1,646,316

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield California Fund, Inc. (MYC)

(Percentages shown are based on Net Assets)

	Par	Value
	(000)	
Municipal Bonds		
California (concluded)		
Transportation (concluded)		
County of Orange California, ARB, Series B, 5.75%, 7/01/34	\$ 3,000	\$ 3,262,350
County of Sacramento California, ARB: PFC/Grant, Sub-Series D, 6.00%, 7/01/35	3,000	3,373,290
Senior Series B, 5.75%, 7/01/39	900	1,005,336
San Francisco Port Commission California, RB, Series A, 5.13%, 3/01/40	5,075	5,591,737
		28,902,641
Utilities 17.1%		
City of Los Angeles California Department of Water & Power, RB, Power System, Sub-Series A-1, 5.25%, 7/01/38	3,035	3,349,912
City of Los Angeles California Department of Water & Power, Refunding RB, Series A, 5.25%, 7/01/39	4,000	4,538,200
City of Petaluma California Wastewater, Refunding RB, 6.00%, 5/01/36	2,645	3,173,418
County of Riverside California Public Financing Authority, RB, Capital Facility Project, 5.25%, 11/01/45	5,000	5,651,250
Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41	2,420	2,877,912
Eastern Municipal Water District, COP, Series H, 5.00%, 7/01/35	6,000	6,594,360
Metropolitan Water District of Southern California, RB, Series A, 5.00%, 7/01/37	20,000	21,425,800
Oceanside Public Financing Authority, Refunding RB, Series A: 5.25%, 5/01/30	1,245	1,445,769
5.25%, 5/01/33	2,810	3,225,346
San Diego Public Facilities Financing Authority, Refunding RB, Senior Series A, 5.38%, 5/15/34	3,920	4,473,347
San Francisco City & County California Public Utilities Commission, Refunding RB, Series A, 5.13%, 11/01/39	2,480	2,819,289
		59,574,603
Total Municipal Bonds 88.7%		309,305,879
Municipal Bonds Transferred to Tender Option Bond Trusts (c)		
California 73.8%		
County/City/Special District/School District 37.0%		
City of Los Angeles California, Refunding RB, Series A, 5.00%, 6/01/39	9,870	11,011,663
Los Angeles Community College District California, GO, Election of 2008, Series C: Election of 2001, Series E-1, 5.00%, 8/01/18 (a)	14,850	16,663,779
5.25%, 8/01/39 (d)	9,680	11,271,537
Los Angeles Community College District California, GO, Refunding, , 6.00%, 8/01/19 (a)	3,828	4,573,407
Los Angeles County Public Works Financing Authority, Refunding RB, Series A: 5.00%, 12/01/39	17,850	20,101,599
5.00%, 12/01/44	14,095	15,777,195
Palomar California Community College District, GO, Election of 2006, Series C, 5.00%, 8/01/44	15,140	17,192,833
San Diego Community College District California, GO, Election of 2002, 5.25%, 8/01/33	7,732	8,853,891
San Francisco California Bay Area Rapid Transit District, Refunding RB, Series A (NPFGC), 5.00%, 7/01/30	6,000	6,023,160
	Par	
	(000)	Value
Municipal Bonds Transferred to Tender Option Bond Trusts (c)		
California (concluded)		
County/City/Special District/School District (concluded)		
San Marcos Unified School District, GO, Election of 2010, Series A, 5.00%, 8/01/38	\$ 15,520	\$ 17,512,613
		128,981,677
Education 19.0%		

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California Educational Facilities Authority, RB, University of Southern California, Series B, 5.25%, 10/01/39 (d)	13,845	15,422,915
University of California, RB:		
Series AM, 5.25%, 5/15/44	11,950	13,803,445
Series L, 5.00%, 5/15/16 (a)	8,500	8,903,580
Series O, 5.75%, 5/15/19 (a)	2,805	3,295,585
University of California, Refunding RB, Series I, 5.00%, 5/15/40	21,875	24,943,550
		66,369,075
Health 8.5%		
California Statewide Communities Development Authority, Refunding RB, Cottage Health System Obligation, 5.00%, 11/01/43	26,870	29,672,272
Transportation 3.2%		
City of Los Angeles California Department of Airports, ARB, Series A, AMT, 5.00%, 5/15/45	10,045	11,065,221
Utilities 6.1%		
Eastern Municipal Water District, COP, Series H, 5.00%, 7/01/33	4,748	5,218,469
Los Angeles Department of Water & Power, RB, Power System, Sub-Series A-1 (AMBAC), 5.00%, 7/01/37	15,098	16,204,059
		21,422,528
Total Municipal Bonds Transferred to Tender Option Bond Trusts 73.8%		257,510,773
Total Long-Term Investments (Cost \$525,368,223) 162.5%		566,816,652
Short-Term Securities	Shares	
BIF California Municipal Money Fund, 0.00% (e)(f)	3,733,443	3,733,443
Total Short-Term Securities (Cost \$3,733,443) 1.1%		3,733,443
Total Investments (Cost \$529,101,666) 163.6%		570,550,095
Other Assets Less Liabilities 1.0%		3,420,458
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (34.2)%		(119,222,012)
VRDP Shares, at Liquidation Value (30.4)%		(105,900,000)
Net Assets Applicable to Common Shares 100.0%		\$ 348,848,541

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield California Fund, Inc. (MYC)

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. Unsettled when-issued transactions were as follows:

Counterparty	Value	Unrealized Appreciation
Merrill Lynch, Pierce, Fenner & Smith Inc.	\$ 2,845,925	\$ 21,100

(c) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details of municipal bonds transferred to TOB Trusts.

(d) All or a portion of security is subject to a recourse agreement, which may require the Fund to pay the liquidity provider in the event there is a shortfall between the TOB Trust certificates and proceeds received from the sale of the security contributed to the TOB Trust or in the event of a default on the security. In the case of a shortfall, the aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire from October 1, 2016 to August 1, 2018, is \$14,709,685.

(e) During the year ended July 31, 2015, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the 1940 Act were as follows:

Affiliate	Shares Held at July 31, 2014	Net Activity	Shares Held at July 31, 2015	Income
BIF California Municipal Money Fund	1,241,527	2,491,916	3,733,443	

(f) Represents the current yield as of report date.

For Fund compliance purposes, the Fund'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 advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Derivative Financial Instruments Outstanding as of July 31, 2015

Financial Futures Contracts

Contracts	Issue	Exchange	Expiration	Notional Value	Unrealized Depreciation
(75)	10-Year U.S. Treasury Note	Chicago Board of Trade	September 2015	\$ 9,557,813	\$ (32,335)

Derivative Financial Instruments Categorized by Risk Exposure

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The following is a summary of the Fund's derivative financial instruments categorized by risk exposure. For information about the Fund's investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.

As of July 31, 2015, the fair values of derivative financial instruments were as follows:

		Foreign					Total
		Commodity	Credit	Equity	Exchange	Interest Rate	
Statement of Assets and Liabilities Location		Contracts	Contracts	Contracts	Contracts	Contracts	
Derivative Financial Instruments							
Liabilities							
Financial futures contracts	Net unrealized depreciation ¹					\$ 32,335	\$ 32,335

¹ Includes cumulative appreciation (depreciation) on financial futures contract, 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 July 31, 2015, the effect of derivative financial instruments in the Statements of Operations was as follows:

		Foreign					Total	
		Commodity	Credit	Equity	Exchange	Interest Rate		
Net Realized Gain (Loss) from:		Contracts	Contracts	Contracts	Contracts	Contracts		
Financial futures contracts							\$ (397,657)	\$ (397,657)

		Foreign					Total	
		Commodity	Credit	Equity	Exchange	Interest Rate		
Net Change in Unrealized Appreciation (Depreciation) on:		Contracts	Contracts	Contracts	Contracts	Contracts		
Financial futures contracts							\$ (85,549)	\$ (85,549)

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock MuniYield California Fund, Inc. (MYC)

For the year ended July 31, 2015, the average quarterly balances of outstanding derivative financial instruments were as follows:

Financial futures contracts:	
Average notional value of contracts	short \$ 27,147,031

Fair Value Hierarchy as of July 31, 2015

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to Note 3 of the Notes to Financial Statements.

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

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 566,816,652		\$ 566,816,652
Short-Term Securities	\$ 3,733,443			3,733,443
Total	\$ 3,733,443	\$ 566,816,652		\$ 570,550,095

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

	Level 1	Level 2	Level 3	Total
Derivative Financial Instruments ²				
Liabilities:				
Interest rate contracts	\$ (32,335)			\$ (32,335)

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

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of July 31, 2015, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Cash pledged for financial futures contracts	\$ 101,250			\$ 101,250
Liabilities:				
TOB Trust Certificates		\$ (119,196,329)		(119,196,329)
VRDP Shares		(105,900,000)		(105,900,000)
Total	\$ 101,250	\$ (225,096,329)		\$ (224,995,079)

During the year ended July 31, 2015, there were no transfers between levels.

See Notes to Financial Statements.

Schedule of Investments July 31, 2015

BlackRock MuniYield Investment Fund (MYF)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
Alabama 0.3%		
City of Selma Alabama IDB, RB, Gulf Opportunity Zone, International Paper Co. Project, Series A, 5.38%, 12/01/35	\$ 545	\$ 610,253
Alaska 0.8%		
Alaska Municipal Bond Bank Authority, RB:		
5.75%, 9/01/18 (a)	975	1,115,780
5.75%, 9/01/33	25	28,015
Northern Tobacco Securitization Corp., Refunding RB, Tobacco Settlement, Asset-Backed, Series A, 5.00%, 6/01/46	690	526,229
		1,670,024
California 12.6%		
California Educational Facilities Authority, RB, University of Southern California, Series A, 5.25%, 10/01/38	2,740	3,061,293
California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 8/15/42	1,645	1,950,213
California Health Facilities Financing Authority, Refunding RB, Catholic Healthcare West, Series A, 6.00%, 7/01/39	710	810,699
City & County of San Francisco California Airports Commission, Refunding ARB, 2nd Series A, AMT: 5.50%, 5/01/28	1,065	1,249,724
5.25%, 5/01/33	830	936,207
City & County of San Francisco California Airports Commission, Refunding RB, Series A, AMT, 5.00%, 5/01/44	1,275	1,379,040
City of San Jose California, Refunding ARB, Series A-1, AMT, 5.50%, 3/01/30	1,500	1,685,685
Kern Community College District, GO, Safety, Repair & Improvement, Election of 2002, Series C, 5.50%, 11/01/33	1,620	1,907,485
Los Angeles Department of Water & Power, RB, Power System, Sub-Series A-1, 5.25%, 7/01/38	2,000	2,207,520
San Diego Regional Building Authority, RB, County Operations Center & Annex, Series A, 5.38%, 2/01/36	1,310	1,475,479
State of California, GO, Various Purposes, 6.00%, 3/01/33	2,535	3,059,669
State of California Public Works Board, LRB, Various Capital Projects, Series I, 5.50%, 11/01/31	1,000	1,190,320
State of California Public Works Board, RB, Department of Corrections & Rehabilitation, Series F, 5.25%, 9/01/33	835	972,199
Township of Washington California Health Care District, GO, Election of 2004, Series B, 5.50%, 8/01/40	625	732,375
University of California, Refunding RB, The Regents of Medical Center, Series J, 5.25%, 5/15/38	3,730	4,264,360
		26,882,268
Colorado 0.9%		
City & County of Denver Colorado Airport System, ARB, Series A, AMT:		
5.50%, 11/15/28	1,000	1,158,850
5.50%, 11/15/30	330	379,417
5.50%, 11/15/31	400	457,416
		1,995,683
Delaware 0.3%		
County of Sussex Delaware, RB, NRG Energy, Inc., Indian River Power LLC Project, 6.00%, 10/01/40	500	569,205
Florida 6.3%		
City of Jacksonville Florida, Refunding RB, Series A, 5.25%, 10/01/33	675	781,609
County of Hillsborough Florida Aviation Authority, Refunding ARB, Tampa International Airport, Series A, AMT, 5.50%, 10/01/29	1,995	2,279,228
	Par	
	(000)	Value
Municipal Bonds		
Florida (concluded)		
County of Lee Florida, Refunding ARB, Series A, AMT, 5.38%, 10/01/32	\$ 2,000	\$ 2,216,280
County of Manatee Florida Housing Finance Authority, RB, S/F Housing, Series A, AMT (Ginnie Mae, Fannie Mae & Freddie Mac), 5.90%, 9/01/40	240	244,368

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County of Miami-Dade Florida, RB, Seaport:

Series A, 5.38%, 10/01/33	1,170	1,318,847
Series B, AMT, 6.25%, 10/01/38	525	640,941
Series B, AMT, 6.00%, 10/01/42	700	820,078
County of Miami-Dade Florida Aviation, Refunding ARB, Series A, AMT, 5.00%, 10/01/31	2,440	2,712,890
County of Orange Florida Health Facilities Authority, RB, Presbyterian Retirement Communities Project, 5.00%, 8/01/45	1,000	1,049,770
Reedy Creek Improvement District, GO, Series A, 5.25%, 6/01/32	1,200	1,372,776
		13,436,787

Georgia 0.5%

Municipal Electric Authority of Georgia, Refunding RB, Project One, Sub-Series D, 6.00%, 1/01/23	880	1,006,060
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Hawaii 0.5%

State of Hawaii, Department of Transportation, COP, AMT:		
5.25%, 8/01/25	485	565,767
5.25%, 8/01/26	525	607,220
		1,172,987

Illinois 17.0%

City of Chicago Illinois, GARB, O Hare International Airport, 3rd Lien, Series C, 6.50%, 1/01/41	6,065	7,286,733
City of Chicago Illinois Midway International Airport, Refunding GARB, 2nd Lien, Series A, 5.00%, 1/01/41	1,000	1,051,850
City of Chicago Illinois Transit Authority, RB, Sales Tax Receipts:		
5.25%, 12/01/36	1,000	1,062,940
5.25%, 12/01/40	1,000	1,052,120
5.00%, 12/01/44	2,520	2,634,559
County of Cook Illinois Community College District No. 508, GO, City College of Chicago:		
5.50%, 12/01/38	2,000	2,282,200
5.25%, 12/01/43	1,500	1,665,345
Illinois Finance Authority, RB, Carle Foundation, Series A, 6.00%, 8/15/41	4,000	4,665,480
Illinois Finance Authority, Refunding RB:		
Central DuPage Health, Series B, 5.38%, 11/01/39	1,200	1,358,424
Northwestern Memorial Hospital, Series A, 6.00%, 8/15/39	4,160	4,748,640
Illinois State Toll Highway Authority, RB, Series A, 5.00%, 1/01/40	1,355	1,501,259
Railsplitter Tobacco Settlement Authority, RB:		
5.50%, 6/01/23	1,370	1,582,446
6.00%, 6/01/28	390	458,995
State of Illinois, GO:		
5.25%, 2/01/31	1,005	1,048,376
5.25%, 2/01/32	2,200	2,285,558
5.50%, 7/01/33	1,000	1,075,590
5.50%, 7/01/38	415	439,813
		36,200,328

Indiana 3.2%

City of Valparaiso Indiana, RB, Exempt Facilities, Pratt Paper LLC Project, AMT, 6.75%, 1/01/34	1,350	1,625,886
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See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield Investment Fund (MYF)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
Indiana (concluded)		
Indiana Municipal Power Agency, RB, Series B, 6.00%, 1/01/39	\$ 4,525	\$ 5,168,138
		6,794,024
Kansas 1.8%		
Kansas Development Finance Authority, Refunding RB, Adventist Health System/Sunbelt Obligated Group, Series C, 5.50%, 11/15/29	3,275	3,730,749
Kentucky 0.7%		
County of Louisville & Jefferson Kentucky Metropolitan Government Parking Authority, RB, Series A, 5.75%, 12/01/34	1,200	1,405,776
Louisiana 2.2%		
Lake Charles Harbor & Terminal District, RB, Series B, AMT, 5.50%, 1/01/29	1,500	1,687,920
Louisiana Local Government Environmental Facilities & Community Development Authority, RB, Westlake Chemical Corp. Project, Series A-1, 6.50%, 11/01/35	1,420	1,690,070
Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29	1,195	1,312,158
		4,690,148
Maine 1.4%		
Maine Health & Higher Educational Facilities Authority, RB, Maine General Medical Center, 7.50%, 7/01/32	2,500	2,999,100
Massachusetts 2.5%		
Massachusetts HFA, Refunding RB, AMT:		
Series B, 5.50%, 6/01/41	1,210	1,265,164
Series C, 5.35%, 12/01/42	2,000	2,067,420
Series F, 5.70%, 6/01/40	1,940	2,036,903
		5,369,487
Michigan 2.8%		
City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A, 5.50%, 7/01/41	1,805	2,117,879
Michigan State Building Authority, Refunding RB, Facilities Program, Series I, 6.00%, 10/15/38	1,250	1,419,375
Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital, Series V, 8.25%, 9/01/18 (a)	1,970	2,404,345
		5,941,599
Mississippi 1.1%		
Mississippi Development Bank, RB, Jackson Water & Sewer System Project (AGM), 6.88%, 12/01/40	1,785	2,280,570
Nevada 3.4%		
City of Las Vegas Nevada, GO, Limited Tax, Performing Arts Center, 6.00%, 4/01/34	2,850	3,265,445
County of Clark Nevada Airport System, ARB, Series B, 5.75%, 7/01/42	3,375	3,922,931
		7,188,376
New Jersey 4.3%		
New Jersey EDA, RB, The Goethals Bridge Replacement Project, AMT (AGM), 5.00%, 1/01/31	900	990,423
New Jersey EDA, Refunding RB, New Jersey American Water Co., Inc. Project, Series A, AMT, 5.70%, 10/01/39	2,250	2,562,120
New Jersey Transportation Trust Fund Authority, RB, Transportation System:		
Series A, 5.88%, 12/15/38	2,670	2,955,022
Series AA, 5.50%, 6/15/39	2,475	2,652,656
		9,160,221
	Par	
	(000)	Value
Municipal Bonds		
New York 1.4%		
Counties of New York Tobacco Trust IV, Refunding RB, Settlement Pass-Through Turbo, Series A, 6.25%, 6/01/41 (b)	\$ 1,100	\$ 1,126,400

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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	1,650	1,860,424
		2,986,824
Ohio 2.2%		
County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38	3,115	3,465,095
State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1, 5.25%, 2/15/31	1,000	1,147,880
		4,612,975
Oklahoma 0.4%		
Tulsa Airports Improvement Trust, Refunding RB, American Airlines Inc., AMT, 5.00%, 6/01/35 (c)	700	756,882
Pennsylvania 6.9%		
Pennsylvania Economic Development Financing Authority, RB:		
American Water Co. Project, 6.20%, 4/01/39	1,075	1,233,111
The Pennsylvania Rapid Bridge Replacement Project, AMT, 5.00%, 12/31/34	1,375	1,472,969
The Pennsylvania Rapid Bridge Replacement Project, AMT, 5.00%, 12/31/38	1,500	1,596,045
The Pennsylvania Rapid Bridge Replacement Project, AMT, 5.00%, 6/30/42	1,500	1,570,665
Pennsylvania Economic Development Financing Authority, Refunding RB, National Gypson Co., AMT, 5.50%, 11/01/44	1,000	1,019,590
Pennsylvania Turnpike Commission, RB, Sub-Series A:		
6.00%, 12/01/16 (a)	3,000	3,221,250
5.63%, 12/01/31	2,455	2,846,695
Township of Bristol Pennsylvania School District, GO, 5.25%, 6/01/37	1,500	1,702,605
		14,662,930
Rhode Island 1.8%		
Tobacco Settlement Financing Corp., Refunding RB, Series B, 4.50%, 6/01/45	3,950	3,873,449
South Carolina 2.9%		
County of Charleston South Carolina, RB, Special Source, 5.25%, 12/01/38	2,505	2,881,877
County of Charleston South Carolina Airport District, ARB, Series A, AMT:		
6.00%, 7/01/38	1,955	2,258,162
5.50%, 7/01/41	1,000	1,115,250
		6,255,289
Texas 8.3%		
Central Texas Regional Mobility Authority, Refunding RB, Senior Lien:		
5.75%, 1/01/31	1,000	1,140,000
6.00%, 1/01/41	2,600	2,976,714
Conroe Texas ISD, GO, School Building, Series A, 5.75%, 2/15/18 (a)	1,800	2,022,030
County of Tarrant Texas Cultural Education Facilities Finance Corp., RB, Scott & White Healthcare:		
6.00%, 8/15/20 (a)	280	340,119
6.00%, 8/15/45	3,515	4,165,345
Dallas-Fort Worth International Airport, ARB, Joint Improvement, AMT:		
Series A, 5.00%, 11/01/38	1,365	1,449,562
Series H, 5.00%, 11/01/37	1,535	1,637,415

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield Investment Fund (MYF)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
Texas (concluded)		
North Texas Tollway Authority, Refunding RB, 1st Tier, Series K-1 (AGC), 5.75%, 1/01/38	\$ 1,000	\$ 1,124,640
Red River Education Financing Corp., RB, Texas Christian University Project, 5.25%, 3/15/38	710	807,732
Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien, NTE Mobility Partners LLC, North Tarrant Express Managed Lanes Project, 6.88%, 12/31/39	1,700	1,992,043
		17,655,600
Virginia 2.0%		
City of Lexington Virginia IDA, RB, Washington & Lee University, 5.00%, 1/01/43	560	615,311
Virginia Public School Authority, RB, Fluvanna County School Financing, 6.50%, 12/01/18 (a)	800	945,856
Virginia Small Business Financing Authority, RB, Senior Lien, Elizabeth River Crossings OpCo LLC Project, AMT, 6.00%, 1/01/37	2,440	2,786,822
		4,347,989
Wisconsin 1.8%		
Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert & Community Health, Inc., Series C, 5.25%, 4/01/39	3,470	3,759,120
Total Municipal Bonds 90.3%		192,014,703
Municipal Bonds Transferred to Tender Option Bond Trusts (d)		
California 20.7%		
Bay Area Toll Authority, Refunding RB, San Francisco Bay Area, Series F-1, 5.63%, 4/01/19 (a)	2,680	3,128,251
California Educational Facilities Authority, RB, University of Southern California, Series B, 5.25%, 10/01/39 (e)	4,200	4,678,674
Grossmont Union High School District, GO, Election of 2008, Series B, 5.00%, 8/01/40	6,000	6,778,740
Los Angeles Community College District California, GO, Election of 2008, Series C, 5.25%, 8/01/39 (e)	5,250	6,113,179
Los Angeles Community College District California, GO, Refunding, Election of 2008, Series A, 6.00%, 8/01/19 (a)	7,697	9,194,578
Los Angeles Unified School District California, GO, Series I, 5.00%, 1/01/34	790	888,213
San Diego Public Facilities Financing Authority Water, RB, Series B, 5.50%, 8/01/39	8,412	9,671,250
University of California, RB, Series O, 5.75%, 5/15/19 (a)	3,000	3,524,690
		43,977,575
Colorado 1.1%		
Colorado Health Facilities Authority, Refunding RB, Catholic Health Initiatives, Series A, 5.50%, 7/01/34 (e)	2,149	2,432,704
District of Columbia 3.4%		
District of Columbia, RB, Series A, 5.50%, 12/01/30 (e)	2,805	3,256,913
District of Columbia Water & Sewer Authority, Refunding RB, Senior Lien, Series A, 5.50%, 10/01/39	3,507	3,900,813
		7,157,726
Florida 2.2%		
County of Hillsborough Florida Aviation Authority, ARB, Tampa International Airport, Series A, AMT (AGC), 5.50%, 10/01/38	3,869	4,266,408
	Par	
	(000)	Value
Municipal Bonds Transferred to Tender Option Bond Trusts (d)		
Florida (concluded)		
County of Lee Florida Housing Finance Authority, RB, S/F Housing, Multi-County Program, Series A-2, AMT (Ginnie Mae), 6.00%, 9/01/40	\$ 393	\$ 398,717
		4,665,125
Illinois 3.8%		
State of Illinois Finance Authority, RB, University of Chicago, Series B, 6.25%, 7/01/18 (a)	5,300	6,109,416

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State of Illinois Toll Highway Authority, RB, Senior Priority, Series B, 5.50%, 1/01/33	1,750	1,913,881
		8,023,297
Nevada 9.0%		
County of Clark Nevada Water Reclamation District, GO:		
Limited Tax, 6.00%, 7/01/18 (a)	5,000	5,726,150
Series B, 5.50%, 7/01/29	5,668	6,494,613
Las Vegas Valley Water District, GO, Refunding, Series C, 5.00%, 6/01/28	6,070	6,997,678
		19,218,441
New Hampshire 1.2%		
New Hampshire Health & Education Facilities Authority, RB, Dartmouth College, 5.25%, 6/01/39 (e)	2,159	2,434,572
New Jersey 3.6%		
New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC, 5.25%, 10/01/29	2,251	2,373,819
New Jersey Transportation Trust Fund Authority, RB, Transportation System:		
Series A (AMBAC), 5.00%, 12/15/32	4,000	4,237,800
Series B, 5.25%, 6/15/36 (e)	1,000	1,049,021
		7,660,640
New York 14.4%		
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	4,408	4,952,283
Series FF, 5.00%, 6/15/45	3,859	4,239,147
Series FF-2, 5.50%, 6/15/40	2,505	2,865,728
City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-3, 5.25%, 1/15/39	2,499	2,779,743
Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (e)	1,290	1,468,777
New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated Bonds, 5.25%, 12/15/43	4,365	5,012,460
New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%, 11/15/51 (e)	2,560	2,951,117
New York State Dormitory Authority, ERB, Personal Income Tax, Series B, 5.25%, 3/15/38	5,700	6,400,530
		30,669,785
South Carolina 1.7%		
State of South Carolina Public Service Authority, Refunding RB, Santee Cooper, Series A, 5.50%, 1/01/38 (e)	3,240	3,630,906
Texas 6.9%		
City of San Antonio Texas Public Service Board, Refunding RB, Series A, 5.25%, 2/01/31 (e)	3,989	4,474,676
County of Harris Texas Cultural Education Facilities Finance Corp., RB, Texas Children's Hospital Project, 5.50%, 10/01/39	5,400	6,162,858
North Texas Tollway Authority, RB, Special Projects System, Series A, 5.50%, 9/01/41	3,480	4,100,414
		14,737,948

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield Investment Fund (MYF)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds Transferred to Tender Option Bond Trusts (d)		
Utah 1.0%		
City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41	\$ 1,994	\$ 2,170,518
Virginia 0.9%		
County of Fairfax Virginia IDA, Refunding RB, Health Care, Inova Health System, Series A, 5.50%, 5/15/35	1,749	1,952,731
Total Municipal Bonds Transferred to Tender Option Bond Trusts 69.9%		148,731,968
Total Long-Term Investments (Cost \$306,220,071) 160.2%		340,746,671
Short-Term Securities	Shares	Value
FFI Institutional Tax-Exempt Fund, 0.01% (f)(g)	2,293,764	\$ 2,293,764
Total Short-Term Securities (Cost \$2,293,764) 1.1%		2,293,764
Total Investments (Cost \$308,513,835) 161.3%		343,040,435
Other Assets Less Liabilities 2.2%		4,833,331
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (35.6)%		(75,782,953)
VRDP Shares, at Liquidation Value (27.9)%		(59,400,000)
Net Assets Applicable to Common Shares 100.0%		\$ 212,690,813

Notes to Schedule of Investments

- (a) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933, as amended. These securities may be resold in transactions exempt from registration to qualified institutional investors.
- (c) Variable rate security. Rate shown is as of report date.
- (d) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details of municipal bonds transferred to TOB Trusts.
- (e) All or a portion of security is subject to a recourse agreement, which may require the Fund to pay the liquidity provider in the event there is a shortfall between the TOB Trust certificates and proceeds received from the sale of the security contributed to the TOB Trust or in the event of a default on the security. In the case of a shortfall, the aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire from October 1, 2016 to November 15, 2019, is \$18,118,171.
- (f) During the year ended July 31, 2015, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the 1940 Act were as follows:

Affiliate

Income

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	Shares Held at July 31, 2014	Net Activity	Shares Held at July 31, 2015	
FFI Institutional Tax-Exempt Fund	1,361,852	931,912	2,293,764	\$ 644

(g) Represents the current yield as of report date.

Derivative Financial Instruments Outstanding as of July 31, 2015

Financial Futures Contracts

Contracts	Short	Issue	Exchange	Expiration	Notional Value	Unrealized Depreciation
(153)		10-Year U.S. Treasury Note	Chicago Board of Trade	September 2015	\$ 19,497,938	\$ (24,128)

Derivative Financial Instruments Categorized by Risk Exposure

The following is a summary of the Fund's derivative financial instruments categorized by risk exposure. For information about the Fund's investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.

As of July 31, 2015, the fair values of derivative financial instruments were as follows:

Statement of Assets and Liabilities	Location	Contracts	Contracts	Contracts	Contracts	Foreign		Contracts	Total
						Currency	Interest		
		Commodity	Credit	Equity	Exchange	Rate			
Derivative Financial Instruments	Liabilities								
Financial futures contracts	Net unrealized depreciation ¹						\$ 24,128		\$ 24,128

¹ Includes cumulative appreciation (depreciation) on financial futures contract, 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 July 31, 2015, the effect of derivative financial instruments in the Statements of Operations was as follows:

Statement of Assets and Liabilities	Location	Contracts	Contracts	Contracts	Contracts	Foreign		Contracts	Total
						Currency	Interest		
		Commodity	Credit	Equity	Exchange	Rate			
Net Realized Gain (Loss) from:									
Financial futures contracts							\$ (736,703)		\$ (736,703)

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock MuniYield Investment Fund (MYF)

	Foreign				
	Currency	Interest			
	Exchange	Rate			
	Contracts	Contracts	Contracts	Contracts	Total
Net Change in Unrealized Appreciation (Depreciation) on:					
Financial futures contracts					\$ (81,518)
For the year ended July 31, 2015, the average quarterly balances of outstanding derivative financial instruments were as follows:					\$ (81,518)

Financial futures contracts:

Average notional value of contracts short \$ 26,783,766

Fair Value Hierarchy as of July 31, 2015

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to Note 3 of the Notes to Financial Statements.

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

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 340,746,671		\$ 340,746,671
Short-Term Securities	\$ 2,293,764			2,293,764
Total	\$ 2,293,764	\$ 340,746,671		\$ 343,040,435

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

	Level 1	Level 2	Level 3	Total
Derivative Financial Instruments²				
Liabilities:				
Interest rate contracts	\$ (24,128)			\$ (24,128)

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

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of July 31, 2015, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Cash pledged for financial futures contracts	\$ 206,550			\$ 206,550
Liabilities:				
TOB Trust Certificates		\$ (75,763,749)		(75,763,749)
VRDP Shares		(59,400,000)		(59,400,000)
Total	\$ 206,550	\$ (135,163,749)		\$ (134,957,199)

During the year ended July 31, 2015, there were no transfers between levels.

See Notes to Financial Statements.

Schedule of Investments July 31, 2015

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
New Jersey 129.6%		
Corporate 11.5%		
County of Middlesex New Jersey, COP, Refunding, Civic Square IV Redevelopment, 5.00%, 10/15/31	\$ 1,400	\$ 1,649,536
County of Salem New Jersey Pollution Control Financing Authority, Refunding RB, Atlantic City Electric, Series A, 4.88%, 6/01/29	4,550	5,000,131
Middlesex County Improvement Authority, RB, Senior Heldrich Center Hotel, Series A, 5.00%, 1/01/20	655	521,125
New Jersey EDA, RB, Continental Airlines, Inc. Project, AMT:		
Series A, 5.63%, 11/15/30	1,730	1,956,198
Series B, 5.63%, 11/15/30	485	540,217
New Jersey EDA, Refunding RB:		
New Jersey American Water Co., Inc. Project, Series A, AMT, 5.70%, 10/01/39	7,900	8,995,888
New Jersey American Water Co., Inc. Project, Series B, AMT, 5.60%, 11/01/34	2,430	2,735,159
United Water of New Jersey, Inc., Series B (AMBAC), 4.50%, 11/01/25	4,500	4,870,935
		26,269,189
County/City/Special District/School District 17.5%		
Casino Reinvestment Development Authority, Refunding RB:		
5.25%, 11/01/39	2,280	2,379,978
5.25%, 11/01/44	6,500	6,735,560
City of Margate New Jersey, GO, Refunding, Improvement:		
5.00%, 1/15/26	1,200	1,333,056
5.00%, 1/15/27	845	935,179
City of Perth Amboy New Jersey, GO, CAB, Refunding (AGM):		
5.00%, 7/01/17 (a)	820	887,830
5.00%, 7/01/33	755	782,905
County of Essex New Jersey Improvement Authority, Refunding RB, Project Consolidation (NPFGC):		
5.50%, 10/01/28	2,700	3,429,648
5.50%, 10/01/29	5,085	6,488,918
County of Gloucester New Jersey Improvement Authority, RB, County Guaranteed Loan - County Capital Program, 5.00%, 4/01/38	1,000	1,080,970
County of Hudson New Jersey, COP, Refunding (NPFGC), 6.25%, 12/01/16	1,500	1,596,720
County of Hudson New Jersey Improvement Authority, RB, Harrison Parking Facility Project, Series C (AGC), 5.38%, 1/01/44	4,800	5,297,232
County of Union New Jersey Improvement Authority, LRB, Guaranteed Lease, Family Court Building Project, 5.00%, 5/01/42	1,650	1,826,831
County of Union New Jersey Utilities Authority, Refunding RB, Series A:		
Resources Recovery Facility, Covanta Union, Inc., AMT, 5.25%, 12/01/31	670	728,913
Solid Waste System, County Deficiency Agreement, 5.00%, 6/15/41	4,115	4,552,630
Monmouth County Improvement Authority, Refunding RB, Government Loan (AMBAC):		
5.00%, 12/01/15	5	5,018
5.00%, 12/01/16	5	5,016
Monroe Township Board of Middlesex Education, GO, Refunding, 5.00%, 3/01/38	1,625	1,838,931
		39,905,335
	Par	
	(000)	Value
Municipal Bonds		
New Jersey (continued)		
Education 28.7%		
New Jersey EDA, RB:		
Leap Academy Charter School, Series A, 6.20%, 10/01/44	\$ 235	\$ 240,414
Leap Academy Charter School, Series A, 6.30%, 10/01/49	375	383,580
MSU Student Housing Project Provide, 5.75%, 6/01/31	1,000	1,114,730
MSU Student Housing Project Provide, 5.88%, 6/01/42	1,500	1,661,640
The Team Academy Charter School Project, 6.00%, 10/01/33	2,835	3,203,352

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New Jersey EDA, Refunding RB, Greater Brunswick Charter School, Inc. Project, Series A (b):		
5.88%, 8/01/44	780	799,157
6.00%, 8/01/49	555	567,587
New Jersey Educational Facilities Authority, RB:		
Higher Educational Capital Improvement Fund, Series A, 5.00%, 9/01/32	3,925	4,078,742
Montclair State University, Series J, 5.25%, 7/01/38	1,140	1,247,000
New Jersey Educational Facilities Authority, Refunding RB:		
College of New Jersey, Series D (AGM), 5.00%, 7/01/35	6,115	6,667,674
Georgian Court University, Series D, 5.25%, 7/01/37	1,000	1,054,120
Kean University, Series A, 5.50%, 9/01/36	4,500	5,092,470
Montclair State University, Series A, 5.00%, 7/01/44	6,790	7,492,969
New Jersey Institute of Technology, Series H, 5.00%, 7/01/31	1,250	1,399,562
Ramapo College, Series B, 5.00%, 7/01/42	340	369,016
Rider University, Series A, 5.00%, 7/01/32	1,000	1,069,030
Rowan University, Series B (AGC), 5.00%, 7/01/24	1,800	1,986,264
Seton Hall University, Series D, 5.00%, 7/01/38	395	434,500
University of Medicine & Dentistry, Series B, 7.13%, 6/01/19 (a)	1,300	1,586,143
University of Medicine & Dentistry, Series B, 7.50%, 6/01/19 (a)	1,625	2,005,429
New Jersey Higher Education Student Assistance Authority, Refunding RB:		
Series 1, AMT, 5.75%, 12/01/29	4,045	4,449,217
Series 1A, 5.00%, 12/01/25	765	807,611
Series 1A, 5.00%, 12/01/26	480	505,675
Series 1A, 5.25%, 12/01/32	900	967,644
New Jersey Institute of Technology, RB, Series A:		
5.00%, 7/01/40	1,500	1,669,815
5.00%, 7/01/42	3,040	3,329,621
5.00%, 7/01/45	4,435	4,902,050
Rutgers - The State University of New Jersey, Refunding RB, Series L, 5.00%, 5/01/43	5,870	6,538,710
		65,623,722
Health 10.2%		
County of Camden New Jersey Improvement Authority, Refunding RB, 5.00%, 2/15/34	590	635,406
New Jersey EDA, Refunding RB:		
Lions Gate Project, 5.00%, 1/01/34	500	514,865
Lions Gate Project, 5.25%, 1/01/44	315	326,806
New Jersey Health Care Facilities Financing Authority, RB:		
Hunterdon Medical Center, Series A, 5.13%, 7/01/16 (a)	1,950	2,036,424

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
New Jersey (continued)		
Health (concluded)		
New Jersey Health Care Facilities Financing Authority, RB (concluded):		
Meridian Health System Obligated Group, Series I (AGC), 5.00%, 7/01/38	\$ 935	\$ 990,315
Robert Wood Johnson University Hospital, Series A, 5.50%, 7/01/43	1,420	1,621,171
Virtua Health, Series A (AGC), 5.50%, 7/01/38	2,500	2,761,400
New Jersey Health Care Facilities Financing Authority, Refunding RB:		
AHS Hospital Corp., 6.00%, 7/01/41	2,435	2,880,386
Meridian Health System Obligated Group, 5.00%, 7/01/25	1,000	1,129,070
Robert Wood Johnson University Hospital, 5.00%, 7/01/31	1,000	1,089,480
South Jersey Hospital, 5.00%, 7/01/36	385	393,624
St. Barnabas Health Care System, Series A, 5.00%, 7/01/29	4,140	4,267,015
St. Barnabas Health Care System, Series A, 5.63%, 7/01/32	1,090	1,233,935
St. Barnabas Health Care System, Series A, 5.63%, 7/01/37	3,030	3,390,206
		23,270,103
Housing 3.1%		
New Jersey Housing & Mortgage Finance Agency, RB:		
M/F Housing, Series A, 4.75%, 11/01/29	2,305	2,417,738
S/F Housing, Series AA, 6.50%, 10/01/38	235	243,765
S/F Housing, Series CC, 5.00%, 10/01/34	1,795	1,870,480
S/F Housing, Series U, AMT, 4.95%, 10/01/32	260	264,646
S/F Housing, Series U, AMT, 5.00%, 10/01/37	265	268,660
Newark Housing Authority, RB, South Ward Police Facility (AGC), 6.75%, 12/01/38	1,750	2,070,617
		7,135,906
State 17.1%		
Garden State Preservation Trust, RB, CAB, Series B (AGM) (c):		
0.00%, 11/01/23	1,460	1,185,695
0.00%, 11/01/28	4,540	2,973,292
New Jersey EDA, RB:		
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/25	2,000	2,361,880
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/33	9,090	9,247,166
School Facilities Construction (AGC), 5.50%, 12/15/18 (a)	2,345	2,694,546
School Facilities Construction (AGC), 5.50%, 12/15/34	1,320	1,481,647
School Facilities Construction, Series CC-2, 5.00%, 12/15/31	1,125	1,162,226
School Facilities Construction, Series Y, 5.00%, 9/01/33	880	897,838
New Jersey EDA, Refunding RB:		
5.25%, 6/15/19 (a)	265	305,118
5.25%, 12/15/33	735	757,513
Cigarette Tax, 5.00%, 6/15/26	440	475,825
Cigarette Tax, 5.00%, 6/15/28	720	771,221
Cigarette Tax, 5.00%, 6/15/29	1,760	1,877,832
School Facilities Construction, Series AA, 5.50%, 12/15/29	3,000	3,157,590
School Facilities Construction, Series GG, 5.25%, 9/01/27	3,000	3,203,400
	Par	
	(000)	Value
Municipal Bonds		
New Jersey (concluded)		
State (concluded)		
New Jersey Health Care Facilities Financing Authority, RB, Hospital Asset Transformation Program, Series A, 5.25%, 10/01/38		
	\$ 2,300	\$ 2,455,848
State of New Jersey, COP, Equipment Lease Purchase, Series A, 5.25%, 6/15/28	1,100	1,216,347
State of New Jersey, GO, Various Purposes, 5.00%, 6/01/28	2,425	2,746,725
		38,971,709
Transportation 40.2%		

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Delaware River Port Authority of Pennsylvania & New Jersey, RB:		
5.00%, 1/01/40	2,620	2,920,462
Series D, 5.00%, 1/01/40	1,535	1,693,934
New Jersey EDA, RB, The Goethals Bridge Replacement Project, AMT:		
(AGM), 5.00%, 1/01/31	1,000	1,100,470
Private Activity Bond, 5.38%, 1/01/43	9,420	10,089,950
New Jersey State Turnpike Authority, RB:		
Growth & Income Securities, Series B (AMBAC), 5.15%, 1/01/35	4,870	5,111,844
Series A, 5.00%, 1/01/38	10,750	11,906,700
Series A, 5.00%, 1/01/43	610	671,665
Series E, 5.25%, 1/01/40	2,525	2,778,838
New Jersey State Turnpike Authority, Refunding RB, Series A, 5.00%, 1/01/35	1,000	1,105,470
New Jersey Transportation Trust Fund Authority, RB:		
CAB, Transportation System, Series C (AMBAC), 0.00%, 12/15/35 (c)	4,140	1,390,336
Transportation Program, Series AA, 5.25%, 6/15/33	5,935	6,259,229
Transportation System, 6.00%, 12/15/38	1,950	2,168,010
Transportation System, Series A, 6.00%, 6/15/35	6,030	6,899,345
Transportation System, Series A, 5.88%, 12/15/38	3,650	4,039,637
Transportation System, Series A, 5.50%, 6/15/41	5,500	5,796,835
Transportation System, Series A (AGC), 5.63%, 12/15/28	1,250	1,424,988
Transportation System, Series A (AGC), 5.50%, 12/15/38	1,000	1,104,800
Transportation System, Series AA, 5.50%, 6/15/39	5,520	5,916,226
Port Authority of New York & New Jersey, ARB:		
Consolidated, 93rd Series, 6.13%, 6/01/94	5,000	6,044,550
Consolidated, 169th Series, 5.00%, 10/15/41	250	270,163
JFK International Air Terminal, Series 8, 6.00%, 12/01/42	2,700	3,142,611
Port Authority of New York & New Jersey, Refunding ARB, Consolidated:		
152nd Series, AMT, 5.75%, 11/01/30	3,300	3,649,107
152nd Series, AMT, 5.25%, 11/01/35	240	260,743
166th Series, 5.25%, 7/15/36	4,000	4,507,680
172nd Series, AMT, 5.00%, 10/01/34	1,500	1,645,770
		91,899,363
Utilities 1.4%		
Rahway Valley Sewerage Authority, RB, CAB, Series A (NPFGC), 0.00%, 9/01/31 (c)	6,000	3,254,400
Total Municipal Bonds 129.6%		296,329,727

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds Transferred to Tender Option Bond Trusts (d)		
New Jersey 29.8%		
County/City/Special District/School District 6.1%		
County of Union New Jersey Utilities Authority, Refunding LRB, Resource Recovery Facility, Covanta Union, Inc., Series A, AMT, 5.25%, 12/01/31	\$ 12,820	\$ 13,947,262
Education 1.0%		
Rutgers - The State University of New Jersey, RB, Series F, 5.00%, 5/01/39	2,009	2,235,408
State 7.1%		
Garden State Preservation Trust, RB, Election of 2005, Series A (AGM), 5.75%, 11/01/28	5,460	6,703,515
New Jersey EDA, RB, School Facilities Construction (AGC):		
6.00%, 12/15/18 (a)	1,185	1,395,676
6.00%, 12/15/34	2,415	2,742,488
New Jersey EDA, Refunding RB, 5.00%, 3/01/29 (e)	5,230	5,450,464
		16,292,143
Transportation 15.6%		
New Jersey State Turnpike Authority, RB, Series A, 5.00%, 1/01/38 (e)	8,820	9,769,032
New Jersey Transportation Trust Fund Authority, RB, Transportation System:		
Series A (AMBAC), 5.00%, 12/15/32	4,100	4,343,745
Series B, 5.25%, 6/15/36 (e)	5,001	5,245,104
Port Authority of New York & New Jersey, RB, Consolidated, 169th Series, AMT, 5.00%, 10/15/41	11,250	12,157,312
	Par	
Municipal Bonds Transferred to Tender Option Bond Trusts (d)		
New Jersey (concluded)	(000)	Value
Transportation (concluded)		
Port Authority of New York & New Jersey, Refunding RB, Consolidated, 152nd Series, AMT, 5.25%, 11/01/35	\$ 3,764	\$ 4,088,985
		35,604,178
Total Municipal Bonds Transferred to Tender Option Bond Trusts 29.8%		68,078,991
Total Long-Term Investments (Cost \$340,817,663) 159.4%		364,408,718
Short-Term Securities	Shares	
BIF New Jersey Municipal Money Fund, 0.01% (f)(g)	3,887,295	3,887,295
Total Short-Term Securities		
(Cost \$3,887,295) 1.7%		3,887,295
Total Investments (Cost \$344,704,958) 161.1%		368,296,013
Other Assets Less Liabilities 0.9%		2,097,926
Liability for TOB Trust Certificates, Including Interest		
Expense and Fees Payable (17.3)%		(39,565,683)
VRDP Shares, at Liquidation Value (44.7)%		(102,200,000)
Net Assets Applicable to Common Shares 100.0%		\$ 228,628,256

Notes to Schedule of Investments

(a)

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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) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details of municipal bonds transferred to TOB Trusts.

- (e) All or a portion of security is subject to a recourse agreement, which may require the Fund to pay the liquidity provider in the event there is a shortfall between the TOB Trust certificates and proceeds received from the sale of the security contributed to the TOB Trust or in the event of a default on the security. In the case of a shortfall or default, the aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire from June 15, 2019 to September 1, 2020, is \$14,350,925.

- (f) During the year ended July 31, 2015, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the 1940 Act were as follows:

	Shares Held at July 31, 2014	Net Activity	Shares Held at July 31, 2015	Income	Realized Gain
Affiliate					
BIF New Jersey Municipal Money Fund	2,287,613	1,599,682	3,887,295	\$ 114	\$ 100

- (g) Represents the current yield as of report date.

For Fund compliance purposes, the Fund'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 advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Derivative Financial Instruments Outstanding as of July 31, 2015

Financial Futures Contracts

Contracts	Issue	Exchange	Expiration	Notional Value	Unrealized Depreciation
Short (189)	10-Year U.S. Treasury Note	Chicago Board of Trade	September 2015	\$ 24,085,688	\$ (29,805)

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

Derivative Financial Instruments Categorized by Risk Exposure

The following is a summary of the Fund's derivative financial instruments categorized by risk exposure. For information about the Fund's investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.

As of July 31, 2015, the fair values of derivative financial instruments were as follows:

	Statement of Assets and Liabilities Location	Contracts	Contracts	Contracts	Contracts	Foreign		Total
						Currency	Interest	
Derivative Financial Instruments	Liabilities	Commodity	Credit	Equity	Exchange	Rate		
Financial futures contracts	Net unrealized depreciation ¹						\$ 29,805	\$ 29,805

¹ Includes cumulative appreciation (depreciation) on financial futures contract, 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 July 31, 2015, the effect of derivative financial instruments in the Statements of Operations was as follows:

	Commodity	Credit	Equity	Exchange	Rate	Foreign		Total
						Currency	Interest	
Net Realized Gain (Loss) from:	Contracts	Contracts	Contracts	Contracts	Contracts	Contracts		
Financial futures contracts							\$ (774,787)	\$ (774,787)

	Commodity	Credit	Equity	Exchange	Rate	Foreign		Total
						Currency	Interest	
Net Change in Unrealized Appreciation (Depreciation) on:	Contracts	Contracts	Contracts	Contracts	Contracts	Contracts		
Financial futures contracts							\$ (88,480)	\$ (88,480)

For the year ended July 31, 2015, the average quarterly balances of outstanding derivative financial instruments were as follows:

Financial futures contracts:								
Average notional value of contracts	short							\$ 32,770,859

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Fair Value Hierarchy as of July 31, 2015

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to Note 3 of the Notes to Financial Statements.

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

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 364,408,718		\$ 364,408,718
Short-Term Securities	\$ 3,887,295			3,887,295
Total	\$ 3,887,295	\$ 364,408,718		\$ 368,296,013

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

	Level 1	Level 2	Level 3	Total
Derivative Financial Instruments ²				
Liabilities:				
Interest rate contracts	\$ (29,805)			\$ (29,805)

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

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of July 31, 2015, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Cash pledged for financial futures contracts	\$ 255,150			\$ 255,150
Liabilities:				
TOB Trust Certificates		\$ (39,553,519)		(39,553,519)
VRDP Shares		(102,200,000)		(102,200,000)
Total	\$ 255,150	\$ (141,753,519)		\$ (141,498,369)

During the year ended July 31, 2015, there were no transfers between levels.

See Notes to Financial Statements.

Statements of Assets and Liabilities

July 31, 2015	BlackRock Muni New York Intermediate Duration Fund, Inc. (MNE)	BlackRock MuniYield Arizona Fund, Inc. (MZA)	BlackRock MuniYield California Fund, Inc. (MYC)	BlackRock MuniYield Investment Fund (MYF)	BlackRock MuniYield New Jersey Fund, Inc. (MYJ)
Assets					
Investments at value unaffiliated	\$ 98,876,360	\$ 106,701,318	\$ 566,816,652	\$ 340,746,671	\$ 364,408,718
Investments at value affiliated	970,820	1,074,105	3,733,443	2,293,764	3,887,295
Cash pledged for financial futures contracts	63,450		101,250	206,550	255,150
Receivables:					
Interest	998,868	798,407	7,871,464	4,048,084	3,015,865
Investments sold				1,806,408	
Deferred offering costs	124,480	167,389	227,763	187,747	233,618
Prepaid expenses	61,840	22,867	28,769	27,366	27,603
Total assets	101,095,818	108,764,086	578,779,341	349,316,590	371,828,249
Accrued Liabilities					
Payables:					
Income dividends Common Shares	242,066	319,755	1,578,652	1,110,367	1,071,336
Investment advisory fees	46,801	45,826	242,723	147,266	156,444
Interest expense and fees	1,269	133	25,683	19,204	12,164
Investments purchased			2,824,825		
Officers and Directors fees	774	826	4,256	2,675	2,951
Other accrued expenses	40,857	59,845	113,801	91,672	91,360
Variation margin payable on financial futures contracts	27,906		44,531	90,844	112,219
Total accrued liabilities	359,673	426,385	4,834,471	1,462,028	1,446,474
Other Liabilities					
TOB Trust Certificates	6,419,171	3,330,000	119,196,329	75,763,749	39,553,519
VRDP Shares, at liquidation value of \$100,000 per share ^{3,4,5}	29,600,000	37,300,000	105,900,000	59,400,000	102,200,000
Total other liabilities	36,019,171	40,630,000	225,096,329	135,163,749	141,753,519
Total liabilities	36,378,844	41,056,385	229,930,800	136,625,777	143,199,993
Net Assets Applicable to Common Shareholders	\$ 64,716,974	\$ 67,707,701	\$ 348,848,541	\$ 212,690,813	\$ 228,628,256
Net Assets Applicable to Common Shareholders Consist of					
Paid-in capital ^{6,7}	\$ 59,580,258	\$ 61,050,505	\$ 301,983,828	\$ 189,727,949	\$ 205,570,870
Undistributed net investment income	597,157	639,004	2,960,697	3,784,008	4,694,260
Undistributed net realized gain (accumulated net realized loss)	(1,335,448)	(1,812,679)	2,487,922	(15,323,616)	(5,198,124)
Net unrealized appreciation (depreciation)	5,875,007	7,830,871	41,416,094	34,502,472	23,561,250
Net Assets Applicable to Common Shareholders	\$ 64,716,974	\$ 67,707,701	\$ 348,848,541	\$ 212,690,813	\$ 228,628,256
Net asset value per Common Share	\$ 15.37	\$ 14.72	\$ 16.35	\$ 15.61	\$ 16.01
¹ Investments at cost unaffiliated	\$ 92,982,195	\$ 98,870,447	\$ 525,368,223	\$ 306,220,071	\$ 340,817,663
² Investments at cost affiliated	\$ 970,820	\$ 1,074,105	\$ 3,733,443	\$ 2,293,764	\$ 3,887,295
³ Preferred Shares outstanding, par value \$0.10 per share	296	373	1,059		1,022
⁴ Preferred Shares outstanding, par value \$0.05 per share				594	
⁵ Preferred Shares authorized, including Auction Market Rate Preferred Shares (AMPS)	1,536	1,985	8,059	1,000,000	5,782

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⁶ Common Shares outstanding, par value \$0.10 per share	4,209,844	4,600,792	21,333,129	13,624,137	14,284,482
⁷ Common Shares authorized	199,998,464	199,998,015	199,991,941	unlimited	199,994,218

See Notes to Financial Statements.

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Statements of Operations

Year Ended July 31, 2015	BlackRock Muni New York Intermediate Duration Fund, Inc. (MNE)	BlackRock MuniYield Arizona Fund, Inc. (MZA)	BlackRock MuniYield California Fund, Inc. (MYC)	BlackRock MuniYield Investment Fund (MYF)	BlackRock MuniYield New Jersey Fund, Inc. (MYJ)
Investment Income					
Interest	\$ 4,001,429	\$ 4,788,234	\$ 23,503,381	\$ 16,101,764	\$ 16,390,710
Dividends affiliated		1,344		644	114
Total income	4,001,429	4,789,578	23,503,381	16,102,408	16,390,824
Expenses					
Investment advisory	556,893	543,473	2,777,845	1,755,842	1,877,849
Liquidity fees	265,341				
Professional	47,674	41,731	92,812	73,863	74,423
Rating agency	38,873	43,929	33,877	33,877	33,877
Remarketing fees on Preferred Shares	30,010				
Transfer agent	19,105	17,638	31,123	25,932	27,983
Accounting services	18,375	19,381	80,248	54,663	57,704
Registration	9,219	2,061	9,227	9,198	9,198
Printing	7,558	7,599	11,172	9,438	10,068
Custodian	7,498	7,355	25,707	16,588	19,125
Officer and Directors	5,923	6,202	32,025	19,745	21,404
Miscellaneous	33,507	23,151	37,508	38,366	36,284
Total expenses excluding interest expense, fees and amortization of offering costs	1,039,976	712,520	3,131,544	2,037,512	2,167,915
Interest expense, fees and amortization of offering costs ¹	96,037	396,376	1,718,842	1,111,346	1,332,694
Total expenses	1,136,013	1,108,896	4,850,386	3,148,858	3,500,609
Less fees waived by the Manager	(501)	(63)	(928)	(41)	(1,683)
Total expenses after fees waived	1,135,512	1,108,833	4,849,458	3,148,817	3,498,926
Net investment income	2,865,917	3,680,745	18,653,923	12,953,591	12,891,898
Realized and Unrealized Gain (Loss)					
Net realized gain (loss) from:					
Investments	238,624	143,349	5,470,619	397,608	423,760
Financial futures contracts	(135,065)	40,781	(397,657)	(736,703)	(774,787)
Capital gain distributions received from affiliated investment companies	107				100
	103,666	184,130	5,072,962	(339,095)	(350,927)
Net change in unrealized appreciation (depreciation) on:					
Investments	120,045	854,903	(5,119,160)	1,346,104	(1,080,548)
Financial futures contracts	(34,338)		(85,549)	(81,518)	(88,480)
	85,707	854,903	(5,204,709)	1,264,586	(1,169,028)
Net realized and unrealized gain (loss)	189,373	1,039,033	(131,747)	925,491	(1,519,955)
Net Increase in Net Assets Applicable to Common Shareholders Resulting from Operations	\$ 3,055,290	\$ 4,719,778	\$ 18,522,176	\$ 13,879,082	\$ 11,371,943

¹ Related to TOB Trusts and/or VRDP Shares.

See Notes to Financial Statements.

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Statements of Changes in Net Assets

	BlackRock Muni New York Intermediate Duration Fund, Inc. (MNE) Year Ended July 31,	
	2015	2014
Increase (Decrease) in Net Assets Applicable to Common Shareholders:		
Operations		
Net investment income	\$ 2,865,917	\$ 2,893,550
Net realized gain (loss)	103,666	(282,224)
Net change in unrealized appreciation (depreciation)	85,707	3,832,832
Net increase in net assets applicable to Common Shareholders resulting from operations	3,055,290	6,444,158
Distributions to Common Shareholders From¹		
Net investment income	(2,904,792)	(3,092,130)
Net Assets Applicable to Common Shareholders		
Total increase in net assets applicable to Common Shareholders	150,498	3,352,028
Beginning of year	64,566,476	61,214,448
End of year	\$ 64,716,974	\$ 64,566,476
Undistributed net investment income, end of year	\$ 597,157	\$ 622,897
Increase (Decrease) in Net Assets Applicable to Common Shareholders:		
Operations		
Net investment income	\$ 3,680,745	\$ 3,720,494
Net realized gain (loss)	184,130	(1,136,225)
Net change in unrealized appreciation (depreciation)	854,903	5,587,394
Net increase in net assets applicable to Common Shareholders resulting from operations	4,719,778	8,171,663
Distributions to Common Shareholders From¹		
Net investment income	(3,832,120)	(3,821,746)
Capital Share Transactions		
Reinvestment of common distributions	207,413	96,021
Net Assets Applicable to Common Shareholders		
Total increase in net assets applicable to Common Shareholders	1,095,071	4,445,938
Beginning of year	66,612,630	62,166,692
End of year	\$ 67,707,701	\$ 66,612,630
Undistributed net investment income, end of year	\$ 639,004	\$ 784,095

¹ Distributions for annual periods determined in accordance with federal income tax regulations.

See Notes to Financial Statements.

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Statements of Changes in Net Assets

	BlackRock MuniYield California Fund, Inc. (MYC) Year Ended July 31, 2015 2014	
Increase (Decrease) in Net Assets Applicable to Common Shareholders:		
Operations		
Net investment income	\$ 18,653,923	\$ 19,509,297
Net realized gain (loss)	5,072,962	(13,561)
Net change in unrealized appreciation (depreciation)	(5,204,709)	31,067,378
Net increase in net assets applicable to Common Shareholders resulting from operations	18,522,176	50,563,114
Distributions to Common Shareholders From¹		
Net investment income	(19,157,149)	(20,223,806)
Net Assets Applicable to Common Shareholders		
Total increase (decrease) in net assets applicable to Common Shareholders	(634,973)	30,339,308
Beginning of year	349,483,514	319,144,206
End of year	\$ 348,848,541	\$ 349,483,514
Undistributed net investment income, end of year	\$ 2,960,697	\$ 3,332,271

	BlackRock MuniYield Investment Fund (MYF) Year Ended July 31, 2015 2014	
Increase (Decrease) in Net Assets Applicable to Common Shareholders:		
Operations		
Net investment income	\$ 12,953,591	\$ 13,122,744
Net realized loss	(339,095)	(4,033,817)
Net change in unrealized appreciation (depreciation)	1,264,586	21,475,775
Net increase in net assets applicable to Common Shareholders resulting from operations	13,879,082	30,564,702
Distributions to Common Shareholders From¹		
Net investment income	(13,154,104)	(12,915,682)
Net Assets Applicable to Common Shareholders		
Total increase in net assets applicable to Common Shareholders	724,978	17,649,020
Beginning of year	211,965,835	194,316,815
End of year	\$ 212,690,813	\$ 211,965,835
Undistributed net investment income, end of year	\$ 3,784,008	\$ 3,974,674

¹ Distributions for annual periods determined in accordance with federal income tax regulations.

See Notes to Financial Statements.

Statements of Changes in Net Assets

	BlackRock MuniYield New Jersey Fund, Inc. (MYJ) Year Ended July 31,	
Increase (Decrease) in Net Assets Applicable to Common Shareholders:	2015	2014
Operations		
Net investment income	\$ 12,891,898	\$ 12,886,953
Net realized loss	(350,927)	(3,610,195)
Net change in unrealized appreciation (depreciation)	(1,169,028)	20,992,340
Net increase in net assets applicable to Common Shareholders resulting from operations	11,371,943	30,269,098
Distributions to Common Shareholders From¹		
Net investment income	(12,856,035)	(12,756,041)
Net realized gain		(499,344)
Decrease in net assets resulting from distributions to Common Shareholders	(12,856,035)	(13,255,385)
Net Assets Applicable to Common Shareholders		
Total increase (decrease) in net assets applicable to Common Shareholders	(1,484,092)	17,013,713
Beginning of year	230,112,348	213,098,635
End of year	\$ 228,628,256	\$ 230,112,348
Undistributed net investment income, end of year	\$ 4,694,260	\$ 4,648,334

¹ Distributions for annual periods determined in accordance with federal income tax regulations.

See Notes to Financial Statements.

Statements of Cash Flows

	BlackRock	BlackRock	BlackRock	BlackRock	BlackRock
	Muni New York	MuniYield	MuniYield	MuniYield	MuniYield
	Intermediate	Arizona	California	Investment	New Jersey
	Duration				
Year Ended July 31, 2015	Fund, Inc.	Fund, Inc.	Fund, Inc.	Fund	Fund, Inc.
	(MNE)	(MZA)	(MYC)	(MYF)	(MYJ)
Cash Provided by (Used for) Operating Activities					
Net increase in net assets resulting from operations	\$ 3,055,290	\$ 4,719,778	\$ 18,522,176	\$ 13,879,082	\$ 11,371,943
Proceeds from sales of long term investments	14,791,628	17,203,605	183,335,673	46,854,946	41,714,512
Purchases of long term investments	(15,334,476)	(20,074,998)	(219,413,781)	(45,939,631)	(40,132,555)
Net proceeds from sales (purchases) of short-term securities	(529,781)	2,582,778	(812,228)	(931,912)	(1,599,682)
(Increase) decrease in assets:					
Cash pledged for financial futures contracts	32,550		200,750	(23,550)	(67,150)
Interest receivable	43,735	(36,505)	(595,251)	164,681	45,301
Variation margin receivable on financial futures contracts	1,828		10,358	6,281	6,421
Prepaid expenses	(6,255)	(12,590)	(679)	(1,096)	(1,120)
Increase (decrease) in liabilities:					
Payables:					
Investment advisory fees	260	396	12,811	260	(872)
Interest expense and fees	142	(62)	9,109	2,117	3,715
Officers and Directors fees	64	97	391	376	448
Variation margin payable on financial futures contracts	27,906		44,531	90,844	112,219
Other accrued expenses payable	9,969	(8,530)	(6,950)	(4,406)	(7,423)
Amortization of premium and accretion of discount on investments	494,171	241,575	2,386,511	860,116	744,437
Net realized gain on investments	(238,624)	(143,349)	(5,470,619)	(397,608)	(423,760)
Net unrealized (gain) loss on investments	(120,045)	(854,903)	5,119,160	(1,346,104)	1,080,548
Net cash provided by (used for) operating activities	2,228,362	3,617,292	(16,658,038)	13,214,396	12,846,982
Cash Provided by (Used for) Financing Activities					
Cash dividends paid to Common Shareholders	(2,904,792)	(3,623,768)	(19,263,814)	(13,120,044)	(12,856,035)
Repayments of TOB Trust Certificates			(22,991,942)	(101,613)	
Proceeds from TOB Trust Certificates	660,000		58,904,979		
Amortization of deferred offering costs	13,194	6,476	8,815	7,261	9,053
Net cash provided by (used for) financing activities	(2,231,598)	(3,617,292)	16,658,038	(13,214,396)	(12,846,982)
Cash					
Net increase (decrease) in cash	(3,236)				
Cash at beginning of year	3,236				
Cash at end of year					
Supplemental Disclosure of Cash Flow Information					
Cash paid during the year for interest expense and fees	\$ 82,701	\$ 389,962	\$ 1,700,918	\$ 1,101,968	\$ 1,319,926
Non-cash Financing Activities					
Capital shares issued in reinvestment of dividends paid to Common Shareholders		\$ 207,413			

See Notes to Financial Statements.

Financial Highlights

BlackRock Muni New York Intermediate Duration Fund, Inc.
(MNE)

	Year Ended July 31,				
	2015	2014	2013	2012	2011
Per Share Operating Performance					
Net asset value, beginning of year	\$ 15.34	\$ 14.54	\$ 15.97	\$ 14.51	\$ 14.50
Net investment income ¹	0.68	0.69	0.72	0.74	0.87
Net realized and unrealized gain (loss)	0.04	0.84	(1.40)	1.48	(0.03)
Distributions to AMPS Shareholders from net investment income				(0.02)	(0.10)
Net increase (decrease) from investment operations	0.72	1.53	(0.68)	2.20	0.74
Distribution to Common Shareholders from net investment income ²	(0.69)	(0.73)	(0.75)	(0.74)	(0.73)
Net asset value, end of year	\$ 15.37	\$ 15.34	\$ 14.54	\$ 15.97	\$ 14.51
Market price, end of year	\$ 14.07	\$ 13.64	\$ 13.06	\$ 15.80	\$ 12.98
Total Return Applicable to Common Shareholders³					
Based on net asset value	5.23%	11.40%	(4.38)%	15.73%	5.71%
Based on market price	8.34%	10.27%	(13.18)%	28.00%	1.26%
Ratios to Average Net Assets Applicable to Common Shareholders					
Total expenses	1.74%	1.80%	1.79%	1.82% ⁴	1.23% ⁴
Total expenses after fees waived and paid indirectly	1.74%	1.80%	1.78%	1.81% ⁴	1.22% ⁴
Total expenses after fees waived and paid indirectly and excluding interest expense, fees and amortization of offering costs ⁵	1.59% ⁶	1.63% ⁶	1.57% ⁶	1.57% ^{4,6}	1.21% ⁴
Net investment income	4.38%	4.66%	4.59%	4.86% ⁴	6.16% ⁴
Distributions to AMPS Shareholders				0.11%	0.71%
Net investment income to Common Shareholders	4.38%	4.66%	4.59%	4.75%	5.45%
Supplemental Data					
Net assets applicable Common Shareholders, end of year (000)	\$ 64,717	\$ 64,566	\$ 61,214	\$ 67,159	\$ 61,019
AMPS outstanding at \$25,000 liquidation preference, end of year (000)					\$ 29,632
Asset coverage per AMPS at \$25,000 liquidation preference, end of year					\$ 76,499
VRDP Shares outstanding at \$100,000 liquidation value, end of year (000)	\$ 29,600	\$ 29,600	\$ 29,600	\$ 29,600	
Asset coverage per VRDP Shares at \$100,000 liquidation value, end of year	\$ 318,638	\$ 318,130	\$ 306,806	\$ 326,888	
Borrowings outstanding, end of year (000)	\$ 6,419	\$ 5,759	\$ 5,538	\$ 6,208	\$ 1,125
Portfolio turnover rate	15%	21%	21%	27%	23%

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- ¹ Based on average Common Shares outstanding.
- ² Distributions for annual periods determined in accordance with federal income tax regulations.
- ³ Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions.
- ⁴ Does not reflect the effect of distributions to AMPS Shareholders.
- ⁵ Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details of municipal bonds transferred to TOB Trusts and VRDP Shares, respectively.
- ⁶ For the years ended July 31, 2015, July 31, 2014, July 31, 2013 and July 31, 2012, the total expense ratio after fees waived and paid indirectly and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 1.14%, 1.14%, 1.13% and 1.18%, respectively.

See Notes to Financial Statements.

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Financial Highlights

BlackRock MuniYield Arizona Fund, Inc.
(MZA)

	Year Ended July 31,				
	2015	2014	2013	2012	2011
Per Share Operating Performance					
Net asset value, beginning of year	\$ 14.52	\$ 13.57	\$ 15.12	\$ 13.38	\$ 13.73
Net investment income ¹	0.80	0.81	0.83	0.80	0.87
Net realized and unrealized gain (loss)	0.23	0.97	(1.55)	1.77	(0.33)
Distributions to AMPS Shareholders from net investment income					(0.06)
Net increase (decrease) from investment operations	1.03	1.78	(0.72)	2.57	0.48
Distributions to Common Shareholders from net investment income ²	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)
Net asset value, end of year	\$ 14.72	\$ 14.52	\$ 13.57	\$ 15.12	\$ 13.38
Market price, end of year	\$ 16.90	\$ 15.00	\$ 13.33	\$ 15.61	\$ 12.83
Total Return Applicable to Common Shareholders³					
Based on net asset value	6.97%	13.63%	(5.08)%	19.86%	3.92%
Based on market price	18.88%	19.50%	(9.69)%	29.05%	0.09%
Ratios to Average Net Assets Applicable to Common Shareholders					
Total expenses	1.63%	1.69%	1.66%	1.96%	1.52% ⁴
Total expenses after fees waived and paid indirectly	1.63%	1.69%	1.66%	1.96%	1.52% ⁴
Total expenses after fees waived and paid indirectly and excluding interest expense, fees and amortization of offering costs ⁵	1.05%	1.06%	1.03%	1.58% ⁶	1.43% ⁴
Net investment income	5.41%	5.85%	5.53%	5.62%	6.62% ⁴
Distributions to AMPS Shareholders					0.36%
Net investment income to Common Shareholders	5.41%	5.85%	5.53%	5.62%	6.26%
Supplemental Data					
Net assets applicable to Common Shareholders, end of year (000)	\$ 67,708	\$ 66,613	\$ 62,167	\$ 69,071	\$ 61,086
VRDP Shares outstanding at \$100,000 liquidation value, end of year (000)	\$ 37,300	\$ 37,300	\$ 37,300	\$ 37,300	\$ 37,300
Asset coverage per VRDP Shares at \$100,000 liquidation value, end of year	\$ 281,522	\$ 278,586	\$ 266,667	\$ 285,177	\$ 263,770
Borrowings outstanding, end of year (000)	\$ 3,330	\$ 3,330	\$ 3,330	\$ 3,330	\$ 3,000
Portfolio turnover rate	16%	13%	16%	26%	16%

¹ Based on average Common Shares outstanding.

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- ² Distributions for annual periods determined in accordance with federal income tax regulations.
- ³ Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions.
- ⁴ Does not reflect the effect of distributions to AMPS Shareholders.
- ⁵ Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details of municipal bonds transferred to TOB Trusts and VRDP Shares, respectively.
- ⁶ For the year ended July 31, 2012, the total expense ratio after fees waived and paid indirectly and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 1.14%.

See Notes to Financial Statements.

Financial Highlights

BlackRock MuniYield California Fund, Inc. (MYC)

	Year Ended July 31,				
	2015	2014	2013	2012	2011
Per Share Operating Performance					
Net asset value, beginning of year	\$ 16.38	\$ 14.96	\$ 16.97	\$ 14.38	\$ 14.76
Net investment income ¹	0.87	0.91	0.91	0.94	0.95
Net realized and unrealized gain (loss)		1.46	(1.97)	2.60	(0.37)
Distributions to AMPS Shareholders from net investment income					(0.03)
Net increase (decrease) from investment operations	0.87	2.37	(1.06)	3.54	0.55
Distributions to Common Shareholders from net investment income ²	(0.90)	(0.95)	(0.95)	(0.95)	(0.93)
Net asset value, end of year	\$ 16.35	\$ 16.38	\$ 14.96	\$ 16.97	\$ 14.38
Market price, end of year	\$ 15.47	\$ 14.87	\$ 13.94	\$ 17.31	\$ 13.29
Total Return Applicable to Common Shareholders³					
Based on net asset value	5.75%	16.87%	(6.61)%	25.45%	4.28%
Based on market price	10.21%	13.86%	(14.68)%	38.46%	(1.49)%
Ratios to Average Net Assets Applicable to Common Shareholders					
Total expenses	1.37%	1.43%	1.46%	1.64%	1.49% ⁴
Total expenses after fees waived and paid indirectly	1.37%	1.42%	1.45%	1.64%	1.49% ⁴
Total expenses after fees waived and paid indirectly and excluding interest expense, fees and amortization of offering costs ⁵	0.89%	0.92%	0.92%	1.21% ⁶	1.16% ⁴
Net investment income	5.29%	5.88%	5.39%	5.96%	6.76% ⁴
Distributions to AMPS Shareholders					0.18%
Net investment income to Common Shareholders	5.29%	5.88%	5.39%	5.96%	6.58%
Supplemental Data					
Net assets applicable Common Shareholders, end of year (000)	\$ 348,849	\$ 349,484	\$ 319,144	\$ 361,341	\$ 306,280
VRDP Shares outstanding at \$100,000 liquidation value, end of year (000)	\$ 105,900	\$ 105,900	\$ 105,900	\$ 105,900	\$ 105,900
Asset coverage per VRDP Shares at \$100,000 liquidation value, end of year	\$ 429,413	\$ 430,013	\$ 401,364	\$ 441,209	\$ 389,216
Borrowings outstanding, end of year (000)	\$ 119,196	\$ 83,283	\$ 116,775	\$ 116,856	\$ 108,878
Portfolio turnover rate	32%	23%	27%	48%	33%

¹ Based on average Common Shares outstanding.

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- ² Distributions for annual periods determined in accordance with federal income tax regulations.
- ³ Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions.
- ⁴ Does not reflect the effect of distributions to AMPS Shareholders.
- ⁵ Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details of municipal bonds transferred to TOB Trusts and VRDP Shares, respectively.
- ⁶ For the year ended July 31, 2012, the total expense ratio after fees waived and paid indirectly and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 0.97%.

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Financial Highlights

BlackRock MuniYield Investment Fund (MYF)

	Year Ended July 31,				
	2015	2014	2013	2012	2011
Per Share Operating Performance					
Net asset value, beginning of year	\$ 15.56	\$ 14.26	\$ 16.30	\$ 13.71	\$ 14.26
Net investment income ¹	0.95	0.96	0.94	0.93	0.97
Net realized and unrealized gain (loss)	0.07	1.29	(2.03)	2.60	(0.58)
Distributions to AMPS Shareholders from net investment income					(0.02)
Net increase (decrease) from investment operations	1.02	2.25	(1.09)	3.53	0.37
Distribution to Common Shareholders from net investment income ²	(0.97)	(0.95)	(0.95)	(0.94)	(0.92)
Net asset value, end of year	\$ 15.61	\$ 15.56	\$ 14.26	\$ 16.30	\$ 13.71
Market price, end of year	\$ 14.67	\$ 14.56	\$ 13.55	\$ 16.52	\$ 13.08
Total Return Applicable to Common Shareholders³					
Based on net asset value	6.88%	16.75%	(7.14)%	26.55%	2.97%
Based on market price	7.34%	14.98%	(12.94)%	34.44%	(2.45)%
Ratios to Average Net Assets Applicable to Common Shareholders					
Total expenses	1.46%	1.52%	1.55%	1.66%	1.45% ⁴
Total expenses after fees waived and paid indirectly	1.46%	1.52%	1.55%	1.66%	1.45% ⁴
Total expenses after fees waived and paid indirectly and excluding interest expense, fees and amortization of offering costs ⁵	0.94%	0.97%	0.97%	1.22% ⁶	1.14% ⁴
Net investment income	6.00%	6.56%	5.82%	6.19%	7.22% ⁴
Distributions to AMPS Shareholders					0.15%
Net investment income to Common Shareholders	6.00%	6.56%	5.82%	6.19%	7.07%
Supplemental Data					
Net assets applicable Common Shareholders, end of year (000)	\$ 212,691	\$ 211,966	\$ 194,317	\$ 221,778	\$ 186,127
VRDP Shares outstanding at \$100,000 liquidation value, end of year (000)	\$ 59,400	\$ 59,400	\$ 59,400	\$ 59,400	\$ 59,400
Asset coverage per VRDP Shares at \$100,000 liquidation value, end of year	\$ 458,065	\$ 456,845	\$ 427,133	\$ 473,363	\$ 413,346
Borrowings outstanding, end of year (000)	\$ 75,764	\$ 75,865	\$ 85,029	\$ 86,374	\$ 61,634
Portfolio turnover rate	13%	18%	33%	34%	27%

¹ Based on average Common Shares outstanding.

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- ² Distributions for annual periods determined in accordance with federal income tax regulations.
- ³ Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions.
- ⁴ Does not reflect the effect of distributions to AMPS Shareholders.
- ⁵ Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details of municipal bonds transferred to TOB Trusts and VRDP Shares, respectively.
- ⁶ For the year ended July 31, 2012, the total expense ratio after fees waived and paid indirectly and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 0.99%.

See Notes to Financial Statements.

Financial Highlights

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

	Year Ended July 31,				
	2015	2014	2013	2012	2011
Per Share Operating Performance					
Net asset value, beginning of year	\$ 16.11	\$ 14.92	\$ 16.92	\$ 14.84	\$ 15.24
Net investment income ¹	0.90	0.90	0.89	0.86	0.92
Net realized and unrealized gain (loss)	(0.10)	1.21	(1.94)	2.11	(0.41)
Distributions to VRDP Shareholders from net realized gain			(0.00) ²		
Distributions to AMPS Shareholders from net investment income					(0.03)
Net increase (decrease) from investment operations	0.80	2.11	(1.05)	2.97	0.48
Distributions to Common Shareholders from: ³					
Net investment income	(0.90)	(0.89)	(0.89)	(0.89)	(0.88)
Net realized gain		(0.03)	(0.06)		
Total distributions to Common Shareholders	(0.90)	(0.92)	(0.95)	(0.89)	(0.88)
Net asset value, end of year	\$ 16.01	\$ 16.11	\$ 14.92	\$ 16.92	\$ 14.84
Market price, end of year	\$ 14.72	\$ 14.67	\$ 13.74	\$ 17.07	\$ 13.53
Total Return Applicable to Common Shareholders⁴					
Based on net asset value	5.52%	15.27%	(6.51)%	20.72%	3.55%
Based on market price	6.54%	13.99%	(14.66)%	33.59%	(5.28)%
Ratios to Average Net Assets Applicable to Common Shareholders					
Total expenses	1.50%	1.57%	1.48%	1.61%	1.26% ⁵
Total expenses after fees waived and paid indirectly	1.50%	1.57%			