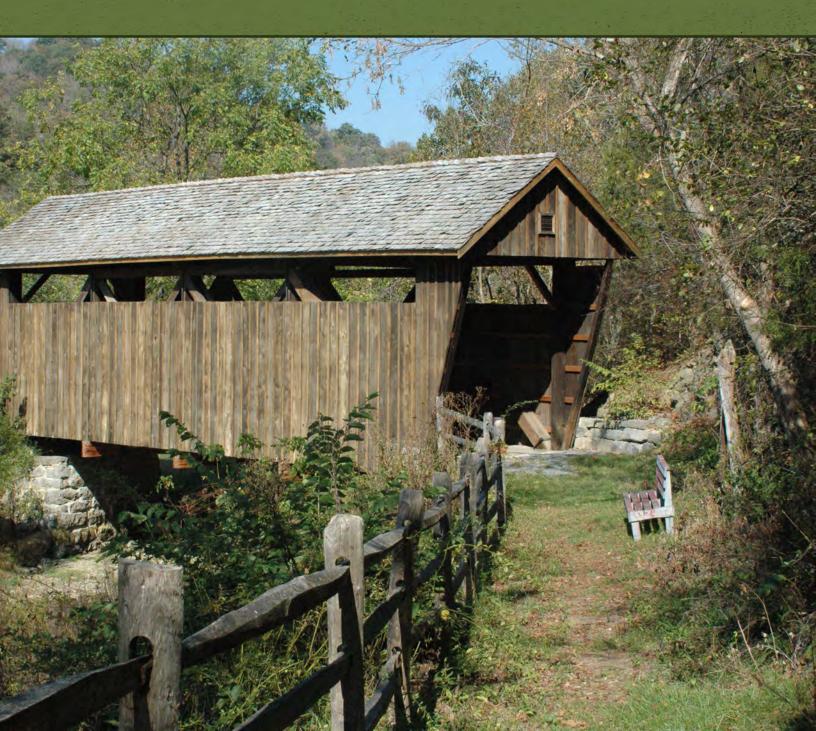
# BOARD OF TREASURY INVESTVIRGINIA INVESTVIRGINIA

Comprehensive Annual Financial Report Fiscal Year Ended June 30, 2015



# BOARD OF TREASURY INVESTMENTS

# Comprehensive Annual Financial Report for the Fiscal Year Ended June 30, 2015

A Component Unit of the State of West Virginia

Earl Ray Tomblin Governor

John D. Perdue, Chairman West Virginia State Treasurer

**Glen B. Gainer III** *West Virginia State Auditor* 

# **Richard C. Donovan, CPA**

Appointed by the Governor

Prepared by the Board of Treasury Investments Staff 1900 Kanawha Boulevard East Suite E-122 Charleston, West Virginia 25305 (304) 340-1564 <u>www.wvbti.org</u> (This page intentionally left blank.)



November 12, 2014

To: Members of the West Virginia Board of Treasury Investments, Honorable Members of the Legislature, And the Citizens of West Virginia

I am pleased to present you with the June 30, 2015, Comprehensive Annual Financial Report ("CAFR") for the West Virginia Board of Treasury Investments (the "BTI"). The report is a review of the financial and investment conditions of the State of West Virginia's Consolidated Fund. Responsibility for both the accuracy of the data, and the completeness and fairness of the presentation, rests with the management of the BTI. An independent certified public accounting firm has audited the basic financial statements contained in this report.

The BTI was created to oversee and manage the state's operating funds, also known as the Consolidated Fund. Significant achievements for the year included reaffirmation of the AAAm rating by Standard & Poor's for the WV Money Market and WV Government Money Market pools, performing an organizational risk assessment, select pools continuing to perform well versus peer groups, and operating under budget. The CAFR demonstrates the BTI's commitment to financial accountability and conformity to the highest standards for preparation of state and local government financial reports.

The report is designed to provide a general overview of the State of West Virginia's Consolidated Fund investments. It was compiled with the assistance of employees of the West Virginia State Treasurer's Office. These individuals are committed to providing reliable and credible information in conformity with accounting principles generally accepted in the United States of America.

Sincerely,

D. Perdue

John D. Perdue State Treasurer Chairman of the Board

1900 Kanawha Boulevard East • Suite E-122 • Charleston, WV 25305 304.340.1564 • FAX: 304.341.7095

www.wvbti.org

# **ACKNOWLEDGEMENTS**

# **Report Prepared By:**

West Virginia Board of Treasury Investments State Capitol Complex 1900 Kanawha Boulevard East, Suite E-122 Charleston, West Virginia 25305

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Kara K. Hughes, Executive Director Karl V. Shanholtzer III, Chief Financial Officer Denise R. Baker, Director of Operations Holly Garner, Investment Accountant Randy Covert, Investment Accountant

# **A Special Thanks To:**

Dave Thomas, CPA Financial Director West Virginia College Prepaid Tuition and Savings Program

We invite you to visit our web site at www.wvbti.org

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**Introductory Section** 

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November 12, 2014

Members of the West Virginia Board of Treasury Investments

Honorable Members of the West Virginia Legislature

Participants in the State of West Virginia's Consolidated Fund

Citizens of West Virginia

Ladies and Gentlemen:

I am pleased to present you with the June 30, 2015, Comprehensive Annual Financial Report ("CAFR") for the West Virginia Board of Treasury Investments (the "BTI"). The report is a complete review of the financial status of the State of West Virginia's short-term operating funds (the "Consolidated Fund"). Responsibility for both the accuracy of the data, and the completeness and fairness of the presentation, rests with the management of the BTI. The BTI's financial statements have been audited by Gibbons & Kawash, A.C. The independent audit provides reasonable assurance that the financial statements for the fiscal year ended June 30, 2015, are free of material misstatement, whether due to fraud or error. The independent audit involved performing procedures to obtain evidence about amounts and disclosures in the financial statements; comprehensive risk assessment as well as assessing the accounting principles used and the reasonableness of significant estimates made by management; and evaluating the overall financial statements for the fiscal year ended June 30, 2015, are fairly presented in conformity with accounting principles generally accepted in the United States of America ("GAAP"). The independent auditor's report is presented as the first component of the financial section of this report.

Management is responsible for establishing and maintaining internal control designed to ensure that the investments of the Consolidated Fund are protected from loss, theft or misuse and that the preparation of the financial statements is in conformity with GAAP. Internal control is designed to provide reasonable, but not absolute, assurance that these objectives are met. The concept of reasonable assurance recognizes that (1) the cost of a control should not exceed the benefits likely to be derived from it, and (2) the evaluation of costs and benefits requires estimates and judgments by management. Management of the BTI has established a comprehensive internal control framework that is designed to provide a reasonable basis for making representations concerning the finances of the BTI. Because the cost of internal control should not outweigh its benefits, the BTI's comprehensive framework of internal control has been designed to provide reasonable rather than absolute assurance that the financial statements will be free from material misstatement. As management, we assert that, to the best of our knowledge and belief, this financial report is complete and reliable in all material respects.

GAAP requires that management provide a narrative introduction, overview, and analysis to accompany the basic financial statements in the form of Management's Discussion and Analysis ("MD&A"). This letter of transmittal is designed to complement the MD&A and should be read in conjunction with it. BTI's MD&A can be found immediately following the report of the independent auditor in the Financial Section.

# Profile of the West Virginia Board of Treasury Investments

The West Virginia Legislature established the BTI, effective July 8, 2005, as a public corporation of the State of West Virginia, to make short-term operating funds of the state more accessible to state government.

The West Virginia State Treasurer's Office provides a full time staff for the BTI as well as various supplementary administrative services. A five-member Board of Directors governs the BTI. The State Governor, State Treasurer, and State Auditor serve as ex officio members of the Board. The Governor appoints the two remaining members subject to the advice and consent of the State Senate. Of the two members appointed by the Governor, one shall be a certified public accountant and one shall be an attorney, and both shall have experience in finance, investing and management. The State Treasurer is Chairman of the Board. The Board was established by the Legislature to provide prudent fiscal administration, investment, and management for the short-term operating funds of the State of West Virginia.

The Consolidated Fund provides for the investment of moneys not currently needed to fund state governmental operations, as well as providing the opportunity for local governments to participate in large investment pools, and for those funds statutorily required to be invested in the Consolidated Fund. As of June 30, 2015, the Consolidated Fund had \$3.2 billion in total assets. The Consolidated Fund is made up of nine legally separate investment pools and accounts: three external investment pools, three special-purpose internal investment pools, and three individual investment accounts. A more detailed description of the investment pools that make up the Consolidated Fund are found in Note 1 of the Notes to the Financial Statements.

In order to properly carry out the investment policy, as described in detail in the Investment Section, the Board has hired various outside service providers. Their roles as fiduciaries are clearly identified in the investment policy to ensure operational efficiency, clear lines of communication, and accountability in all aspects of operations. The Board contracts with NEPC, LLC as the investment consultant. The Board requires the consultant to employ a chartered financial analyst or a certified treasury manager to work directly with the BTI. The consultant is responsible for performing investment manager evaluations, suggesting modifications to the investment policy, and performing other services requested by the Board. The Board also hires investment managers who have complete discretion over the timing, selection, and execution of investment trades. The managers are provided explicit written instructions detailing their particular duties and administer the portfolio consistent with the investors as the investment managers. JP Morgan Asset Management managed a portion of the WV Money Market Pool through June 30, 2015 but was replaced effective July 30, 2015 by Federated Investors.

In accordance with *WV State Code §12-6C-19*, the Board may charge fees, which are subtracted from the total return on investments, for the reasonable and necessary expenses incurred by the Board in rendering services. All fees collected are deposited in a special account in the State Treasury. The Board annually adopts a budget and fee schedule, which describes how fees are charged to each pool.

# **Investment** Activities

The investment policies and strategies for the Consolidated Fund can be found in the Investment Section of this report. The policies are designed to provide safeguards on assets while optimizing return based on each fund's risk parameters.

The return information presented in the Investment Section is calculated by the BTI with the assistance of our consultant, NEPC, LLC, and the individual investment managers. The investment return calculations were prepared using a monthly time-weighted rate of return methodology.

#### **Economic Review & Other Financial Information**

Fiscal year 2015 started off strong, with GDP growth continuing its positive performance from the end of fiscal year 2014. GDP growth for the third quarter of calendar year 2014 continued the rapid expansion from the second quarter, growing by 4.3%. However, collapsing oil prices, a strengthening dollar and a weakening in foreign economies would dominate the remainder of 2014 and early 2015. GDP experienced a significant decline in the last quarter of 2014 and the first quarter of 2015, falling to 2.1% and 0.6%, respectively. Fourth quarter 2014 household spending increased, boosted by falling gasoline prices and a surge in hiring. This was offset by an increase in imports and a drop-off in exports as U.S. companies took a hit from a strengthening dollar and faltering foreign economies. Economic growth fell further in the first quarter of 2015 as a result of significant drop-offs in almost every metric. Exports took a significant hit in the first quarter, a victim of the strengthening dollar and dock worker strikes on the West Coast that disrupted the flow of trade. As in 2014, second quarter growth in 2015 rebounded, rising by 3.9%. Growth in the second quarter was fueled by increased consumer spending, a small rebound in exports and increases in state and local government spending. The energy sector continued to weigh on growth, with the lingering effects of deep spending cuts by oil-field companies in the wake of a more than 60% plunge in oil prices in late 2014. Average GDP growth over the course of fiscal year 2015 was little changed from 2014, increasing to 2.7% from 2.6%. All in all, the U.S. economy could have been described as not too strong, not too weak, but still not just right.

Labor markets continued their recovery over the course of the fiscal year, with the unemployment rate falling from 6.1% at the end of fiscal year 2014 to 5.3% as of June 2015, a rate not seen since May of 2008. On average, the economy added 244,000 jobs per month over the fiscal year. Underneath the headline numbers, though, things were not quite as improved. The labor force participation rate, a measure of those currently in the work force and those actively seeking work, continued to decline over the fiscal year, falling to 62.6% from 62.8% as of the end of fiscal year 2014. A number of factors, such as aging baby boomers leaving the workforce and a decline in working women, have contributed to the slow, but steady drop in the participation rate. Another metric of the health of the jobs market is the average hourly wage. Tightening of labor market conditions usually leads to employers increasing wages to attract and retain employees; however, hopes were diminished that the falling unemployment rate would lead to greater upward pressure on wages, with the average hourly wage rising very modestly, increasing by approximately 2% over the course of the fiscal year.

The modest improvements in the labor market, along with the drop in energy prices, translated into positive consumer spending over the fiscal year. Increases in consumer spending offset the drag from weak business spending on equipment, suggesting that the economic recovery had gained some momentum. Inflation, as measured by Core Personal Consumption and Expenditures Less Food and Energy ("Core PCE"), came in at 1.29% over fiscal year 2015 versus 1.49% for fiscal year 2014. As of fiscal year end, year-over-year

Core PCE had remained below 1.5% since November 2014 and ended the fiscal year at a four-and-a-half year low. The Federal Housing Finance Agency's House Price Index reflected gains over fiscal year 2015, indicating price growth of 5.6% year-over-year. Although the index indicated that price growth was softening going into the summer, the sales rates were roughly double the pace of price growth, potentially indicating that prices may accelerate given the reduced inventories available in the housing market.

During the 2014 election cycle, Republicans gained full control of Congress, gaining a 54 to 46 majority in the U.S. Senate as well as enhancing their majority in the U.S. House of Representatives by 13 seats. Major fights over the debt ceiling and Federal budget were largely set to occur after fiscal year end. The suspension of the debt ceiling that occurred in February 2014 expired on March 16, 2015, with the debt ceiling automatically raised to cover all government borrowing since the suspension of the ceiling. The U.S. Treasury instituted extraordinary measures, such as decreasing amounts invested in particular intergovernmental accounts and delaying or suspending sales of particular Treasuries, to avoid breaching the debt ceiling. As of fiscal year end, the U.S. Treasury projected that action would need to be taken to raise the debt ceiling by November 2015 to avoid a government shut down and a potential default on U.S. debt.

With the Federal Reserve ending its asset purchase program in October 2014, the Federal Open Market Committee ("FOMC") began the process of moving towards a more "normal" monetary policy stance. Subsequent to the end of the asset purchase program, the FOMC modified the language regarding its stance on interest rates, moving to language that indicated that a move in interest rates was data dependent. Although there were improvements in the economy, with the unemployment rate dropping and GDP continuing to grow, albeit slowly, the theme in the data of not too good, not too bad, but not quite right, gave the FOMC pause in hiking rates. Slowing foreign economies, an already strengthening U.S. dollar, signs that slack still remained in the labor market, and weak first quarter 2015 GDP numbers, helped push any decision on rates to second half of calendar year 2015. Based on Fed funds futures, the probability of a rate hike in September 2015 was at 10% while a December 2015 rate hike was only at 35%. There was also global pushback on the Federal Reserve as both the World Bank and the International Monetary Fund urged the Fed to postpone rate liftoff to the first half of 2016. Both entities cited concerns that the U.S. economy was giving off mixed signals and that a premature rate hike could harm the U.S. economy as well as causing the dollar to strengthen further, which could further slow the U.S. economy as well as inflict pain on the economies of emerging and developing countries.

Over the course of the fiscal year, Treasury yields were mixed, with 3 month and under yields largely unchanged from the beginning of the fiscal year. Strong market demand for high quality liquid collateral likely played a role in keeping a lid on rates in the short end of the curve. While Treasury yields in the very short end of the curve ended the year down, USD LIBOR steadily rose throughout the fiscal year, ending the year higher with 1 month USD LIBOR up 3 basis points and 3-month USD LIBOR up 5 basis points. LIBOR reflects both the outlook for the Fed's policy rate along with the level of credit risk in the banking sector. Yields in the middle part of the curve, over 3 months and under 5 years, rose by year end, perhaps reflecting the possibility of a rate hike by the Federal Reserve in late 2015/early 2016. Yields in tenors five years and over ended the fiscal year below their starting levels.

The BTI's principal stability pools posted results in fiscal year 2015 that were nearly identical to those of the prior fiscal year. The WV Money Market Pool and WV Government Money Market Pool returns were flat over the prior fiscal year, with the WV Money Market Pool yield falling 1 basis point to 0.12% and the WV Government Money Market Pool yield unchanged at 0.04%. Lower yields in the sub-six month end of the curve were offset with positions that took advantage of the higher returns available in the six month to one year part of the curve. The WV Short Term Bond Pool return dropped substantially, falling to 0.67%

from 1.03%. Significant spread widening, especially in the last half of June 2015, along with rising yields in the middle of the yield curve, weighed on returns in fiscal year 2015.

# **Major Initiatives**

#### • Standard and Poor's AAAm Rating

For the eighth consecutive year, Standard and Poor's re-affirmed the BTI's AAAm rating on the WV Money Market and WV Government Money Market Pools. Funds with Principal Stability Fund ratings ("PSFRs"), such as the BTI, seek to maintain a stable net asset value. The PSFR rating is the highest money market rating assigned by Standard and Poor's. For a fund to be eligible for an investment-grade rating, all investments must carry a Standard & Poor's short-term rating of A-1+ or A-1.

The AAAm rating is based on Standard and Poor's analysis of the fund's credit quality, investment policies, market price exposure, and conservative management. The rating signifies that the safety of the invested principal is excellent, and that there is superior capacity to maintain a stable net asset value at all times. This is achieved through conservative investment practices and strict internal controls.

#### • Organizational Risk Assessment

As a part of its strategic plan, BTI management performed an entity wide risk assessment. The purpose of the assessment was to identify and analyze relevant risks to the achievement of the BTI's objectives to determine how those risks should be managed. Overall, it was determined the BTI had satisfactory controls and processes in place to mitigate and control risk where possible.

#### • Certificate of Achievement for Excellence in Financial Reporting

The BTI received the Certificate of Achievement for Excellence in Financial Reporting for the June 30, 2014 Comprehensive Annual Financial Report ("CAFR"). The Certificate of Achievement is the highest form of recognition in governmental accounting and financial reporting, and its attainment represents a significant accomplishment. This is the ninth consecutive year that the BTI has received this prestigious award.

# • Budget Surplus

For fiscal year 2015, actual fee collections exceeded estimates by \$26,000. Higher than anticipated average net position over the course of the fiscal year led to the higher than expected fee collections. With conservative management of expenditures, the BTI was able to end the year with a budget surplus of \$282,000. With this surplus, the BTI operated in surplus territory for the tenth consecutive year.

#### • Peer Group Benchmark

NEPC, the BTI's investment consultant maintains a peer group benchmark for the WV Money Market and WV Government Money Market Pools. The benchmark for the WV Money Market Pool is composed of a universe of tier 1 institutional money market funds, while the benchmark for the WV Government Money Market Pool comprises Treasury and Agency focused government money market funds.

The WV Money Market Pool peer group includes 139 discrete tier 1 funds from 56 separate investment management firms. The Pool ranked above median for the 1-quarter, 1-year, 3-year and 5-year periods

ending June 30, 2015. Over the 1-year and 3-year periods, the Pool was ranked first out of the 139 funds. This high ranking was attributed to the low effective investment management fee paid to the Pool's investment managers. As of June 30, 2015, the effective fee was 3.6 basis points.

The WV Government Money Market Pool peer group comprises 76 discrete Treasury and Agency focused government funds from 34 separate investment management firms. The performance of the Pool ranked first in the 3-month and 5-year periods ending June 30, 2015 and was ranked above median in the 1-year and 3-year time periods. As with the WV Money Market Pool, this high ranking versus the peer group was attributed to the favorable investment management fee schedule.

# Certificate of Achievement for Excellence in Financial Reporting

The Government Finance Officers Association of the United States and Canada (the "GFOA") awarded a Certificate of Achievement for Excellence in Financial Reporting to the BTI for its comprehensive annual financial report for the fiscal year ended June 30, 2014. In order to be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized comprehensive annual financial report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. We believe that our current comprehensive annual financial report continues to meet the Certificate of Achievement Program's requirements, and we are submitting it to the GFOA to determine its eligibility for another certificate.



# In Memory of Our Board Member, Martin J. Glasser

In August 2015, we lost our good friend and Board member, Martin J. Glasser. Marty served with distinction on the West Virginia Board of Treasury Investments for ten years. Marty was a loving husband, father and grandfather. A prominent and successful lawyer, Marty was also very active in the broader community, having served on the West Virginia Chapter of American Red Cross, Covenant House, and West Virginia Board of Risk and Insurance Management. Marty was universally loved by all of us who had the privilege and pleasure to work with him, and he will be greatly missed.

#### Acknowledgments

We wish to express our appreciation to many individuals whose dedicated efforts have made this report possible. BTI's success would not be possible without the support and leadership of the Board members, the Legislature, the participants, and the citizens of West Virginia. The BTI's staff, NEPC, LLC Investment Consulting, JP Morgan, UBS Global Asset Management, Federated Investors, and the staff of the Office of the State Treasurer provided diligent and dedicated service in building the BTI as a professional investment organization for the investment of short-term state funds. Respectfully, I hereby submit the Comprehensive Annual Financial Report of the West Virginia Board of Treasury Investments for the Year Ended June 30, 2015.

Sincerely,

Varl VShanhallo

Karl V. Shanholtzer III, CFA, CPA Chief Financial Officer West Virginia Board of Treasury Investments



Government Finance Officers Association

# Certificate of Achievement for Excellence in Financial Reporting

Presented to

# West Virginia Board of Treasury Investments

For its Comprehensive Annual Financial Report for the Fiscal Year Ended

June 30, 2014

ring f.

Executive Director/CEO

# PRINCIPAL OFFICIALS



John D. Perdue WV State Treasurer *Chairman* 



Earl Ray Tomblin Governor, State of WV Vice Chairman



Richard C. Donovan Director

Glen B. Gainer III WV State Auditor Director

# **INVESTMENT PHILOSOPHY**

The Board was established by the legislature to provide prudent fiscal administration, investment, and management for the Consolidated Fund. It is the investment philosophy of the Board to invest assets in a manner that strives for maximum safety, provides adequate liquidity to meet all operating requirements, and achieves the highest possible investment return consistent with the primary objectives of safety and liquidity.

# **OBJECTIVES**

All assets shall be invested with the following objectives and priorities:

- Safety of principal. Investments shall be undertaken in a manner that seeks preservation of capital with reasonable investment risk, in the overall portfolio.
- Liquidity requirements of anticipated and unanticipated expenditures.
- Maximization of the yield allocated to participant investments consistent with all investment objectives.
- Recognition of differing objectives and needs of various participants.
- Conformance with State law and other pertinent legal restrictions.
- Diversification of assets by investment in various securities classifications and the use of various investment managers in order to smooth the volatility of returns.
- Realized gains and losses are recognized by the Funds as they occur.

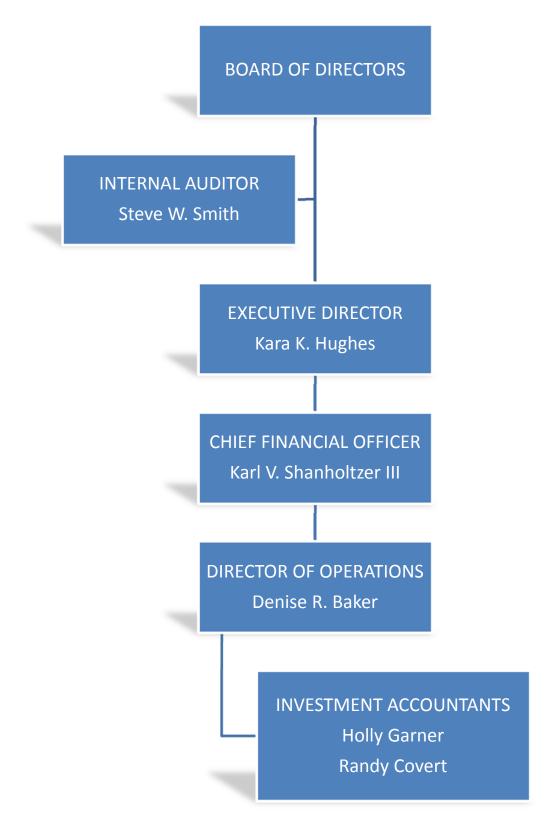


# **MISSION STATEMENT**

The Board of Treasury Investments' mission is to prudently invest the funds under its charge, for the benefit of its Shareholders, their constituents and citizens, and to achieve the best return possible for them, by providing focused investment management services, and utilizing financial professionals for the sound administration and oversight of its investment processes.



The BTI staff (from left to right) is Kara Hughes, Steve Smith, Karl Shanholtzer, Holly Garner, Randy Covert and Denise Baker.



The following Treasurer's Office employees provide professional support services to the Board as needed: Diana Stout, *General Counsel*, Bryan Archer, *Deputy Treasurer of Administration*, and Dave Thomas, *Financial Director of WV College Prepaid Tuition and Savings Program*.

# CONSULTING AND PROFESSIONAL SERVICES AS OF JUNE 30, 2015

# **INDEPENDENT AUDITOR**

Gibbons & Kawash, A. C. Charleston, West Virginia

# **LEGAL COUNSEL**

West Virginia State Treasurer's Office Charleston, West Virginia

# **INVESTMENT SYSTEM**

Princeton Financial System Princeton, New Jersey

# **MASTER CUSTODIAN**

BNY Mellon Pittsburgh, Pennsylvania

# INVESTMENT CONSULTANT AND PERFORMANCE MEASUREMENT

NEPC, LLC Investment Consultants Atlanta, Georgia

# **INVESTMENT MANAGERS**

Federated Investors Pittsburgh, Pennsylvania

JP Morgan Asset Management Columbus, Ohio

UBS Global Asset Management Chicago, Illinois

The Schedule of Investment and Management Fees is on Page 86 in the Investment Section of this report.

**Financial Section** 

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300 Chase Tower 707 Virginia Street, East Charleston, West Virginia 25301

Office: 304.345.8400 Fax: 304.345.8451

#### **INDEPENDENT AUDITOR'S REPORT**

To the West Virginia Board of Treasury Investments Charleston, West Virginia

We have audited the accompanying financial statements of the proprietary and fiduciary funds of the West Virginia Board of Treasury Investments (the BTI), a component unit of the State of West Virginia, as of and for the year ended June 30, 2015, and the related notes to the financial statements, which collectively comprise the BTI's basic financial statements. We also have audited the combining and individual fiduciary fund financial statements, and the schedule of investments in securities, as listed in the table of contents as of and for the year ended June 30, 2015.

#### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

#### Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

#### Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the proprietary and fiduciary funds of the BTI, as of June 30, 2015, and the respective changes in financial position and, where applicable, cash flows thereof, for the year then ended, in accordance with accounting principles generally accepted in the United States of America. In



addition, in our opinion, the combining and individual fiduciary fund financial statements and schedule of investments referred to above present fairly, in all material respects, the financial position of each of the individual fiduciary funds and schedule of investments as of June 30, 2015, and the changes in financial position of each of the individual fiduciary funds for the year then ended, in accordance with accounting principles generally accepted in the United States of America.

#### **Other Matters**

#### Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 5 through 18 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the BTI's basic financial statements. The introductory, investment and statistical sections as listed in the table of contents are presented for purposes of additional analysis and are not a required part of the basic financial statements. The introductory, investment and statistical sections have not been subjected to the auditing procedures applied in the audit of the basic financial statements, and, accordingly, we do not express an opinion or provide any assurance on them.

Juccons : Kanash, A.C.

Charleston, West Virginia August 31, 2015



# West Virginia Board of Treasury Investments

# Management's Discussion and Analysis

## June 30, 2015

As management of the West Virginia Board of Treasury Investments (the "BTI"), we offer readers of the financial statements of the BTI this discussion and analysis of the BTI's financial performance for the fiscal year ended June 30, 2015. We encourage readers to consider the information presented in this section in conjunction with the BTI's financial statements, including notes to the financial statements, which follow this section.

The BTI serves as an investment vehicle for the operating cash of West Virginia State agencies and authorities, local governments such as cities and counties, and other political subdivisions throughout the State. The various investment pools and individual investment accounts managed by the BTI are collectively known as the Consolidated Fund. The Consolidated Fund's investment pools and accounts contain short-term fixed income instruments that are managed for the sole benefit of the participants.

#### **Financial Highlights**

Fiscal year 2015 continued the trend of a declining net position in the Consolidated Fund. For fiscal year 2015 the drop was not as severe as fiscal year 2014, with net position recording a decline of approximately \$54.1 million. General revenue collections again fell short of estimates, requiring the state to adopt midyear budget cuts. Collections falling below estimates, coupled with unappropriated balances and reserves being tapped to meet the shortfalls, results in a drawdown of cash reserves invested in the Consolidated Fund. The rate of transfer of funds out of the WV Money Market Pool slowed during fiscal year 2015. The Pool fell by \$69.2 million, with approximately \$43.0 million of the decrease resulting from net transfers to the WV Bank Pool to meet the increased demand for BidWV CD's. Changes in individual agency account balances were mixed, with some increasing substantially and others falling substantially as agencies drew against reserves or simply transferred funds into higher yielding investment opportunities consistent with the purpose of the funds. Interest rates in the very short end of the Treasury curve (under six months) were lower overall for the fiscal year, with the 90 day T-bill averaging 2.3 basis points for 2015 versus 4.3 basis points for 2014. Rates on this end of the curve continued to benefit from ample liquidity in the financial system along with strong demand for short-term, high quality instruments resulting from banking regulations that took effect during last fiscal year. Moving a little further out the curve, in the six to twelve month part of the curve, rates began to tick upward as the market began to price in the probability of a rate hike by the Federal Reserve towards the latter half of calendar year 2015. The spread in this part of the curve rose from 3 basis points as of the end of fiscal year 2014 to 15 basis points as of the end of fiscal year 2015. Rates in the two to five year range continued their rise from the last fiscal year, with the 3-year Treasury averaging 97 basis points for fiscal year 2015 versus an average of 74 basis points over fiscal year 2014. The five year Treasury was relatively flat compared to fiscal year 2014, ending fiscal year 2015 up only 1 basis point, while the average over the year was only 2 basis points higher at 1.57%. Beyond the five year Treasury, the yield curve flattened somewhat with the 10 year Treasury falling 18 basis points to 2.35%

Rates of return for the Consolidated Fund's WV Money Market, WV Government Money Market, and WV Short Term Bond Pools were 0.12%, 0.04%, and 0.67%, respectively, for the year ended June 30, 2015. High demand and a relatively flat supply of Treasury bills continued to keep yields depressed in the short end of the curve. Treasury bills, as a percentage of total outstanding Treasury debt, had fallen to 11% by the end of the fiscal year as the Treasury continued to take advantage of longer term borrowing rates by

issuing debt further out the curve. In the middle part of the curve, rates were mixed, maturities in the one to three year range trending upward while yields on Treasuries with maturities greater than three years were flat to lower. In the last fiscal year, credit spread products, such as corporate debt and asset-backed securities, had provided significant benefits as investment grade credit spreads tightened over fiscal year 2014. That benefit reversed during fiscal year 2015 as credit spreads widened in the latter half of the fiscal year.

The WV Money Market Pool is structured as a money market fund with the goal of preservation of principal. The benchmark for the WV Money Market Pool was the BofA Merrill Lynch 3-Month T-Bill plus a variable hurdle rate of 10% of the previous guarter's BofA Merrill Lynch 3-Month T-Bill rate, subject to a floor of 1 basis point and a cap of 15 basis points. The theme (again) for fiscal year 2015 was ample liquidity and a short supply of Treasury bills keeping rates on the front half of the Treasury Bill curve depressed. There was some better news in the back half of the Bill curve as the probability of a 2015 rate hike began to be priced into the curve. Over the course of the fiscal year, the Federal Reserve has steadily moved forward towards a normalization of monetary policy, indicating that should data continue coming in that is consistent with their assessments of the current state and future path of the economy, they will hike their target rate for the first time in over eight years. Overnight repo rates were well supported over the course of the year by the presence of the Fed's Reverse Repo program (RRP). The Fed added new counterparties to the RRP, expanding the list from primary dealers to include additional banks, government sponsored enterprises and money market funds. The Fed also set a cap of \$300 billion per day in the overnight repo program and also added term operations during quarter-end periods. During the year, agency discount note issuance fell for the Federal National Mortgage Association (FNMA) and the Federal Home Loan Mortgage Corporation (FHLMC) as they continued to wind down their balance sheets in accordance with previously announced plans. Federal Home Loan Bank (FHLB) discount issuance, however, increased due to an increase in demand by banks for FHLB advances given their favorable regulatory treatment. This increased issuance led to FHLB discount notes trading at attractive levels relative to FNMA and FHLMC as well as US Treasuries. The WV Money Market Pool was managed with a weighted average maturity profile in the low 50 day range over the course of the fiscal year. This represented an increase from the mid to high 40 day range last fiscal year. The longer weighted average maturity was maintained to pick up yield further out the curve given the expectations that the Fed would not raise rates over the course of the fiscal year. U.S. Treasury exposure was maintained near the minimum required level of 15% given the low absolute level of Treasury yields relative to other permissible investment types. Credit exposure was concentrated in the three month and under maturity range, with some selective credit added at longer maturities to pick up yield where prudent. During the year, at least one repurchase agreement counterparty announced that it would no longer be offering repos at month end as it cleaned up its balance sheet for month end reporting. Repo supply at quarter ends across nearly all counterparties was also constrained, leading to the use of manager money market funds to fill the need for overnight investments at quarter end. In the near term, the portfolio will be maintained at the current weighted average maturity profile, with a keen eye kept on the Fed's communications regarding its anticipated first rate hike since 2008.

The WV Government Money Market Pool's objective is to preserve capital and maintain sufficient liquidity to meet the daily disbursements of participants, while earning a return above inflation. The benchmark for the WV Government Money Market Pool is the BofA Merrill Lynch 3-Month T-Bill. The portfolio doubled its benchmark for the year, adding 2 basis points over the benchmark return of 2 basis points. This fiscal year still represented a challenging year for a short-term Treasury investment strategy, but much less so than in fiscal year 2014. The strategy for fiscal year 2015 was much the same, maintaining a high allocation to overnight repos and adding agency discount notes at points along the yield curve where there was a pick-up in the spread versus Treasuries. The weighted average maturity profile was similar over the year to that of the WV Money Market Pool. Looking forward, the pool will be managed in the near term with the same weighted average maturity profile.

The WV Short Term Bond Pool is structured as a mutual fund with the objective of asset growth rather than current income. The benchmark for the WV Short Term Bond Pool is the BofA Merrill Lynch U.S.

Corporate & Government, 1-3 Years, A Rated and Above Index plus 10 basis points. The portfolio fell below its investment policy benchmark by 34 basis points for the fiscal year. The pool return for the year was 0.67% versus the benchmark return of 1.01%. For 2015, the pool was again managed with a much shorter duration than that of the benchmark and with an overweight to credit spread products. The BofA Merrill Lynch benchmark maintained an effective duration of 1.85 years, where the portfolio's duration was just over one year. Credit spread products, notably investment grade corporate debt and asset-backed securities, made up approximately 83% of the portfolio's holdings. The benchmark for the pool was completely opposite in that 83% of its constituents were governmental and quasi-governmental securities. The lower duration of the pool helped lessen the effects of the moderate rise in intermediate term yields over the year while the allocation to credit added approximately 20 basis points of extra return versus the benchmark. However, in the final days of the fiscal year risk-off became the dominant theme as concerns about Greece's future in the Euro came to the forefront. Treasuries, which had been in decline due to growing expectations of a Fed liftoff, rallied to reverse those declines while risk assets (corporate debt and ABS) experienced spread widening. The combination of the rally in Treasuries and spread widening helped to push pool returns further below the benchmark. With a high likelihood of the Fed raising rates within the next 12 months, the pool's investment manager continues to maintain a short duration versus the benchmark to defend against price declines that will result from a rise in rates. While the pool is not performing well against its benchmark, it is worth noting that it is achieving its stated objectives of earning an incremental return over the WV Money Market Pool while maintaining safety of principal.

# **Overview of the Financial Statements**

This report presents the operating results and financial position of the BTI, which is composed of a proprietary fund and fiduciary fund. The proprietary fund is an internal service fund, or operating fund, used to account for activities that provide investment and administrative services on behalf of the State and other participants in the Consolidated Fund. The fiduciary fund is used to account for the activities of the Consolidated Fund, which is made up of nine legally separate investment pools and accounts. There are three external investment pools, three special-purpose internal investment pools, and three individual investment accounts, all of which are included in the fiduciary fund. The BTI is the trustee, or fiduciary funds are reported using the economic resources measurement focus and the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America ("GAAP") for governmental entities.

The Statement of Net Position presents information on the proprietary fund's assets and liabilities, with the difference between the two reported as net position. This statement is categorized into current and noncurrent assets and liabilities. For purposes of the financial statements, current assets and liabilities are those assets and liabilities with immediate liquidity or which are collectible or becoming due within 12 months of the statement's date.

The Statement of Revenues, Expenses and Changes in Fund Net Position reflects the operating and nonoperating revenues and expenses of the proprietary fund for the operating year. Operating revenues primarily consist of investment service fees charged to the Consolidated Fund with significant operating expenses composed of salaries and benefits, investment advisor fees, investment management system expenses, professional service fees, and fiduciary bond fees.

The Statement of Cash Flows reflects the proprietary fund's cash flows from operating activities. Cash collections and payments are reflected in this statement to arrive at the net increase or decrease in cash and cash equivalents for the year.

The Statement of Fiduciary Net Position presents information on the fiduciary fund's assets and liabilities, with the difference between the two reported as net position held in trust for investment pool participants and individual investment account holders.

The Statement of Changes in Fiduciary Net Position reports the additions and deductions to the fiduciary fund for the year. Additions are composed of investment income, such as interest, dividends, and accretion; investment expenses such as investment advisor fees, custodian bank fees, administrative fees; and purchases of pool units, reinvestments of pool distributions, and contributions to individual investment accounts. Deductions represent distributions to pool participants, redemption of units by pool participants, and withdrawals from individual investment accounts.

The State of West Virginia reports the proprietary fund as an internal service fund in its Comprehensive Annual Financial Report ("CAFR"). An internal service fund is used to report any activity that provides goods or services to other funds, departments, or agencies of the State and its component units, or to other governments, on a cost-reimbursement basis. The State reports the portions of the Consolidated Fund pools and accounts held by state agencies and component units as investment holdings of those entities within the appropriate fund reporting categories for those entities. The State reports the portions of the Consolidated Fund held by local governments, municipalities, and other political subdivisions as investment trust funds, a type of fiduciary fund. Fiduciary fund reporting is used to account for resources held for the benefit of parties outside the governmental entity, and those resources are not available to support operations of that entity.

# **Financial Analysis of the Operating Fund**

**Net position.** The following is the condensed Statement of Net Position of the proprietary fund, which represents the assets, liabilities, and net position generated by the operating activities of the BTI, as of June 30, 2015 and 2014 (in thousands).

	2015	2014
Current assets	\$ 1,520	\$ 1,007
Noncurrent assets	1	3
Total assets	1,521	1,010
Current liabilities	838	504
Total liabilities	838	504
Net position:		
Investment in capital assets	1	3
Unrestricted	682	503
Total net position	\$ 683	\$ 506

Over the course of fiscal year 2015, the net position of the Operating Fund increased \$177,000 over the prior fiscal year. The primary source of the increase was an increase of \$668,000 in cash. This increase in net position was offset by a \$155,000 decrease in accounts receivable, a \$2,000 decrease in capital assets and an increase of \$334,000 in current liabilities.

The majority of the proprietary fund's net position consists of current assets. Current assets are composed of cash and accounts receivable that will be used to pay investment advisor, custodian, and administrative costs. The current asset balance of \$1,520,000 comprises \$1,003,000 in cash and \$517,000 in accounts receivable. The cash balance increased by \$668,000 over 2014, while the accounts receivable balance decreased by \$155,000.

The increase in the cash balance was a result of an increase in unpaid invoices as of June 30, 2015. Two vendors had not fulfilled their registration requirements to do business with the state, and as a result, payment of invoices was withheld pending completion of such registration requirements. The invoices for these two vendors totaled \$342,000. Contributing to the increase in cash was a drop in accounts receivable of \$155,000 and an increase in net operating income of \$177,000.

The accounts receivable balance of \$517,000 represents fees that have been accrued but not withdrawn from the investment pools at June 30, 2015 to pay investment advisor, custodian, and administrative costs. In accordance with WV State Code §12-6C-19, the Board may charge fees to the pools for reasonable and necessary expenses incurred for rendering services. The fees charged to the pools are categorized into direct expenses (investment advisor and custodian fees) and indirect expenses (administrative costs). As part of the BTI monthly operations, administrative and custodial fees accrued in the prior month are transferred from the pools to the BTI's operating fund in the following month to pay for all necessary and reasonable expenses. Investment advisor fees are accrued daily or monthly and transferred to the Operating Fund quarterly to coincide with the receipt of advisor invoices. The periodic nature of these transfers results in the accounts receivable balance. At the end of fiscal year 2014, there were two month's worth of administrative and custodian fees receivable. However, at the end of fiscal year 2015, the receivables balance encompassed only one month's worth of administrative and custodian fees. The extra month's receivable at the end of fiscal year 2014 accounted for \$88,000 of the decrease in receivables. The remaining \$67,000 decrease was composed of a \$90,000 decrease in securities lending reserves receivable and a \$23,000 increase in administrative fees receivable for June 2015. Advisor fees for the quarter ending June 30, 2015, and custodial fees for June 2015 were comparable to the accruals for June 2014.

Capital assets, net of accumulated depreciation, decreased by \$2,000. The decrease resulted entirely from annual depreciation expense of approximately \$2,000. There were no acquisitions or disposals of capital assets during fiscal year 2015.

The balance of \$838,000 in current liabilities represents \$784,000 in accounts payable and \$54,000 reimbursements due the West Virginia State Treasurer's Office (the "STO") at June 30, 2015. The majority of the accounts payable balance represents services received from the BTI's investment advisors for the quarter ending June 30, 2015, custodian fees for June 2015, investment consultant fees for the quarter ending June 2015, and maintenance costs due for the investment management system for December 2014 through June 2015. There were also invoices from one investment manager for the quarters ending December 31, 2014 and March 31, 2015 included in the accounts payable balance. The \$54,000 in reimbursements due to the STO was for staffing services provided to the BTI, server software maintenance fees and licensing and support fees for desktop operating systems and productivity software. The net increase in current liabilities from June 30, 2014 is primarily composed of invoices held for the one investment manager and for the investment management system maintenance costs, accounts payable were comparable to the prior fiscal year end.

Net position of the BTI's proprietary fund is composed of investment in capital assets and unrestricted net position. Capital asset expenditures of \$1,000 or more (\$500 or more for certain computer equipment) are capitalized at cost and reported net of accumulated depreciation. Unrestricted net position represents net position not restricted for use by legal, contractual or enabling legislation constraints.

**Changes in fund net position.** The following is a condensed Statement of Revenues, Expenses and Changes in Fund Net Position of the operating fund for the periods ended June 30, 2015 and 2014 (in thousands).

	2015	2014
Revenues		
Operating revenues:		
Management services	\$ 1,297	\$ 1,353
Advisor and custodian services	1,685	1,615
Total revenues	2,982	2,968
Expenses		
Operating expenses:		
General and administrative	1,118	1,105
Advisor and custodian fees	1,685	1,615
Depreciation	2	3
Total expenses	2,805	2,723
Increase (decrease) in net position	177	245
Net position at beginning of year	506	261
Net position at end of year	\$ 683	\$ 506

Operating revenues at June 30, 2015 consist of investment advisor, custodian, and management fees billed to the pools by the operating fund to cover the cost of providing investment management services. The fees charged to the pools are categorized into direct or indirect expenses. All direct expenses, investment advisor and custodian fees are charged directly to the pools as they are incurred. All indirect expenses, i.e. insurance, staff costs, and rent, are charged to the pools based upon a fixed basis point fee against the net position of the pool. The fees collected are deposited in a special account in the State Treasurer's Office created and designated the Board of Treasury Investments Fee Fund in accordance with *West Virginia Code* \$12-6C-19.

Operating revenues for fiscal year 2015 increased by \$14,000. This increase in revenue consisted of an increase of \$67,000 in advisor fee revenues, an increase of \$3,000 in custodial fees, and a decrease of \$56,000 in management (administrative) fees charged to the pools.

Advisor fees are computed based upon market values of the pools. The average market value of assets under management fell again during fiscal year 2015. However, the portion of assets invested in the WV Short Term Bond Pool throughout the year again experienced an increase over the fiscal year. Advisor fees charged to the WV Short Term Bond Pool are higher than those charged to other pools, resulting in a net increase in advisor fees for the year. Custodial fees increased from the prior year even though assets under management decreased. The increase in overall custodial fees charged resulted from increases to line item charges in the custodial fee schedules. Administrative fees fell from fiscal year 2014 as the average net assets subject to administrative fees fell over the year.

Total operating expenses for the year increased by \$82,000. This includes an increase of \$13,000 in general and administrative expense and an increase in advisor and custodian fees of \$70,000.

General and administrative expenses represent costs associated with operating the BTI that are not considered directly applicable to investment management. Salary reimbursements, investment consulting fees charged by NEPC Investment Consulting and fiduciary bond expenses make up the majority of this expense line item. Salary reimbursements and related expenses increased by \$23,000 from the prior year.

Expenses related to the fiduciary bond also decreased as legislation passed during the 2013 legislative session decreased the required fiduciary bond amount from \$50 million to \$10 million. Although this legislation passed during the 2013 session, the change did not go into effect until August 2013. This resulted in a fiduciary bond in the amount of \$50 million for the first two months of fiscal year 2014 and \$10 million for the final ten months of fiscal year 2014. For fiscal year 2015, the fiduciary bond was \$10 million for the entire year. This resulted in a decrease of \$25,000 in fiduciary bond expense as compared to fiscal year 2014. Other general and administrative expenses increased by a net of \$15,000.

A large portion of BTI expenses represent investment advisor fees. The current investment advisors are JP Morgan Asset Management, Federated Investors, and UBS Global Asset Management. All investment decisions and trade executions are performed by the investment advisors. The balance of custodian and advisor fees is composed of investment advisor fees of \$1,553,000 and custodian fees of \$132,000. Investment advisor fees increased by \$67,000 and custodian fees increased by \$3,000 over fiscal year 2014. The net increase in investment advisor fees was driven by two factors: increasing investments in the WV Short Term Bond Pool and a change in investment allocations by one manager of the WV Money Market Pool. The investment advisor for the WV Short Term Bond Pool charges a flat management fee of 9 basis points on the market value of investments under management. This is significantly higher than the average 3.5 basis point management fee charged on the WV Money Market Pool. Although the increase in investments in the WV Short Term Bond Pool was more modest than the increase experienced over fiscal year 2014, it still resulted in an increase of investment management fees of \$28,000. Although the assets of the WV Money Market Pool decreased during the fiscal year, investment management fees charged to the pool increased by a net of \$43,000. In the WV Money Market Pool, UBS utilized one of its own money market funds as a liquidity vehicle in place of repo and other very short maturity assets. When UBS utilizes its own fund, it rebates the difference between the investment management fees charged on its fund and the investment management fee charged for the WV Money Market Pool. The rebate takes the form of a credit against fees charged on WV Money Market Pool investments, which results in lowering the fee charged to the pool. Over the fiscal year, UBS decreased investment in their fund resulting in their fees charged to the pool increasing by \$78,000. This was offset by a decrease of \$35,000 in investment management fees charged by JP Morgan. The decrease resulted from a decrease in assets under management. Investment management fees charged to the WV Government Money Market Pool also fell over the fiscal year, dropping by \$4,000 from fiscal year 2014, as a result of an overall lower average balance during fiscal year 2015. The increase in custodian fees resulted from an increase in fees charged by the BTI's custodian.

# Financial Analysis of the Consolidated Fund

**Net position.** The following are combined, condensed Statements of Fiduciary Net Position of the Consolidated Fund fiduciary funds as of June 30, 2015 and 2014 (in thousands).

	2015	2014	
Assets			
Investments	\$ 3,169,024	\$ 3,221,288	
Receivables	2,669	8,471	
Total assets	3,171,693	3,229,759	
Liabilities			
Accrued expenses	518	580	
Dividends and purchases payable	1,654	5,565	
Total liabilities	2,172	6,145	
Net Position			
Held in trust for investment pool			
participants	3,160,862	3,195,780	
Held in trust for individual			
investment account holders	8,659	27,834	
Net position	\$ 3,169,521	\$ 3,223,614	

As of June 30, 2015, the Consolidated Fund's assets totaled approximately \$3.2 billion and was composed almost entirely of investments in securities. Continuing the trend of the previous two fiscal years, participants, state agencies in particular, drew against their invested balances. The decline in assets during 2015 was not as severe as fiscal year 2014, with the Consolidated Fund assets declining by only 1.68% versus a decline of 15.9% in fiscal year 2014.

As more fully discussed below, the BTI experienced a net reduction in invested funds over the course of the fiscal year. Participant contributions in 2015 were up compared to fiscal year 2014, increasing by \$102.3 million. Participant withdrawals also fell during fiscal year 2015, dropping by \$455.1 million versus fiscal year 2014. However, participant withdrawals were still greater than participant contributions during fiscal year 2015, resulting in a decrease in net position of \$53.2 million. The WV Money Market and WV Short Term Bond Pools both experienced declines during the year, with the WV Money Market Pool falling by \$69.2 million and the WV Short Term Bond Pool falling by \$12.1 million. The average balance of the WV Short Term Bond Pool was higher during fiscal year 2015 as certain agencies increased their investments in the pool during the first half of the fiscal year. However, withdrawals in the last half of the fiscal year led to a fiscal year-end balance that was lower than the fiscal year 2014 ending balance. The net position of the WV Government Money Market and WV Bank Pools both rose over the fiscal year, with the WV Government Money Market Pool rising by \$9.5 million and the WV Bank Pool by \$43.1 million. The net positions of the Loan Pool, Reserve Pool and Municipal Bond Commission Account fell a combined \$26.1 million, with the largest decrease in the Municipal Bond Commission Account. The School Fund was up \$0.8 million over fiscal year 2014, with West Virginia Economic Development Authority Account little changed from the prior fiscal year.

Receivables balances as of the end of fiscal year 2015 were approximately \$5.8 million lower than the fiscal year 2014 year end balances. Almost all of the decrease was related to an open receivable for a security sold of \$5.3 million in the WV Short Term Bond Pool at the end of fiscal year 2014. There was no such receivable at the end of fiscal year 2015. Interest receivable on investments was comparable to the prior

year even though investment balances fell. Although interest rates in the one month and three month end of the curve fell from 2014, rates in the six month to five year portion of the curve rose over the fiscal year. This helped to offset the effects of the decline in assets under management on interest receivable as well as interest income. Rounding out the fluctuations was a decrease in receivables of \$0.5 million in the WV Money Market, WV Government Money Market and WV Short Term Bond pools (the commingled pools) for distributions of proceeds from the securities lending class action lawsuit settlement. The last of the distributions was in June 2014, with the actual cash for the distribution being transferred after the end of fiscal year 2014.

Total liabilities decreased by approximately \$4.0 million since June 30, 2014. Total liabilities consist of accrued expenses, representing accrued manager fees, custodian bank fees and administrative fees, and dividends and purchases payable, representing dividends payable to participants in the WV Short Term Bond Pool and amounts payable for securities purchases settling in the following accounting period. The largest component of the decrease was a \$4.0 million decrease in a payable for securities purchased by the WV Short Term Bond Pool. Other accrued expenses and dividends payable were comparable to the end of fiscal year 2014.

Net position is the excess of total assets over total liabilities. The Consolidated Fund had total net position of approximately \$3.2 billion at the close of fiscal year 2015. The net position consists of funds held in trust for investment pool participants and individual account holders. Investment pool participants are those participants investing in the WV Money Market, WV Government Money Market, WV Short Term Bond, WV Bank, Reserve, and Loan Pools. Net position for investment pool participants decreased approximately 1.7% from the prior year due to decreases in investments in the WV Money Market, WV Short Term Bond, Loan and Reserve Pools and the Municipal Bond Commission Account. Offsetting these decreases were increases in the WV Government Money Market and WV Bank Pools.

The WV Money Market Pool was down by approximately \$69.2 million from the prior year. The balance of general state agency investments in the pool declined over the course of the fiscal year as agencies drew against their invested funds or transferred funds to higher yielding investments. A net of approximately \$43.0 million was transferred from the WV Money Market Pool to the WV Bank Pool. The BidWV CD auction is funded with general cash of the state. Increases in investment balances in the WV Bank Pool generally result in decreases in the state's investment balances in the WV Money Market Pool. Another \$31.0 million was moved from the WV Money Market Pool to the WV Short Term Bond Pool as certain state agencies sought to increase their rate of return on invested funds.

Participant investments in the WV Government Money Market Pool rose by \$9.5 million from 2014. State agency investments, most particularly those of the Municipal Bond Commission, increased approximately \$4.0 million over the fiscal year. Local governments, primarily county governments and county boards of education, increased their deposits over the fiscal year by approximately \$5.5 million.

The WV Short Term Bond Pool experienced a decrease in its net position of \$12.1 million during fiscal year 2015. While funds were transferred from the WV Money Market Pool to the WV Short Term Bond Pool by certain state agencies during the year, there was a net outflow as some state agencies withdrew portions of their investments to meet obligations or to invest them with the West Virginia Investment Management Board (the "IMB"). The IMB invests in longer term fixed income and equity securities and is open to state agencies that have statutory authority to invest with the IMB. The net decrease in state agency investments was lessened by a net increase in local government investments in the Pool.

The net position of the WV Bank Pool increased by \$43.1 million during fiscal year 2015 as participation in BidWV CD auctions increased during the fiscal year. During fiscal year 2015, seven of the twelve CD auctions held placed all funds offered. In fiscal year 2014, none of the auctions were able to place the

maximum amount offered. The Reserve Pool net position declined \$2.0 million as excess securities lending reserves and securities lending settlement funds were withdrawn and distributed to the commingled pools.

The Loan Pool investment balance decreased by \$4.1 million as the West Virginia Economic Development Authority paid down balances borrowed under the Revolving Loan program. The net decrease in the Revolving Loan program was approximately \$3.2 million. Further contributing to the decline were increases in the loan loss reserve for the Non-Recourse Loan totaling approximately \$0.8 million during fiscal year 2014. The balance of the Reserve Pool decreased by approximately \$2.0 million during the fiscal year as proceeds from the securities lending class action lawsuit settlement and excess securities lending reserves were distributed and transferred to the WV Money Market, WV Government Money Market and WV Short Term Bond Pools.

Net position held in trust for individual account holders represent individual state agency accounts with specific investment needs. Each agency has 100% ownership of the underlying investments in its pool and is solely responsible for the investment decisions in accordance with the legal restrictions applicable to those assets. Net position for individual account holders decreased by \$19.2 million or 69% from the prior year. Nearly the entire decrease was again attributable to maturities of investments and withdrawals of those proceeds made by the Municipal Bond Commission. With the tight supply of eligible securities, the Municipal Bond Commission began increasing placement of funds in the WV Money Market and WV Government Money Market Pools. The net position of the School Fund increased by \$0.8 million while the West Virginia Economic Development Authority account decreased during the year by a minimal amount.

**Changes in net position.** The following is a combined, condensed Statement of Changes in Fiduciary Net Position of the Consolidated Fund fiduciary funds for the years ended June 30, 2015 and 2014 (in thousands).

	Year Ended June 30,			
	2015		2014	
Additions				
Net investment income	\$	8,827	\$	8,244
Net realized gain (loss)		(442)		44
Net increase (decrease) in fair value of				
investments	(986)		2,401	
Unit purchases and contributions	10,943,939		10,841,620	
Total additions	10,951,338		10,852,309	
Deductions				
Distributions	8,272		8,131	
Unit redemptions and withdrawals	10,997,159 11,45		,452,280	
Total deductions	11,005,431 11,46		,460,411	
Change in net position		(54,093)	(	(608,102)
Net position at beginning of year	3	,223,614	3	,831,716
Net position at end of year	\$ 3,169,521 \$ 3,223,614			,223,614

Net investment income for the Consolidated Fund increased by 7.1% from the prior fiscal year. Net investment income rose in all pools except for the WV Money Market Pool and Municipal Bond Commission Account. Net investment income in the WV Money Market Pool fell by \$0.3 million under the last fiscal year. Municipal Bond Commission Account net investment income fell by \$0.4 million as the net position of the account decreased over the fiscal year. Offsetting these decreases were increases of

\$0.8 million and \$0.3 million in WV Short Term Bond and State Loan Pool net investment income, respectively. The remaining pools had net investment income that was comparable to the prior fiscal year.

If there was a theme during fiscal year 2015, it was same as last year's, but with just a little more variety. Global financial markets continued to benefit from extraordinary accommodation from global central banks. Several prominent central banks, such as the European Central Bank (ECB) and Swiss National Bank (SNB), now have their primary target rate at negative levels. In an effort to keep too-low inflation from derailing the euro zone's weak economy, the ECB surprised the markets in September 2014 by announcing cuts in interest rates and new stimulus plans. The ECB further expanded its efforts by engaging in a quantitative easing program in early 2015 whereby it would purchase more than 1 trillion euros of euro zone sovereign debt between March 2015 and September 2016. The SNB instituted a charge of 25 basis points on sight deposits (cash-like holdings of commercial banks at the central bank) in anticipation of the quantitative easing program being implemented by the ECB and investment pressures that resulted after Russia's surprise interest-rate increase in December 2014. In the United States, the Federal Reserve formally ended its asset purchase program in October 2014. Under the program, the Fed purchased Treasury and Agency mortgage-backed securities over several years, increasing its balance sheet by over \$3.5 trillion. Although the asset purchase program formally ended in October 2014, that does not mean the Fed completely ended quantitative easing. The Fed has committed to maintain accommodative financial conditions through its large balance sheet, reinvesting principal payments from agency debt and mortgagebacked securities and rolling over maturing Treasury securities at auction.

Subsequent to the end of the asset purchase program, the Fed continued its progress towards normalizing its interest rate policy. In the meetings for its December 2014 meeting, the FOMC changed the language regarding its stance on interest rates, stating that the FOMC can be patient in beginning to normalize the stance of monetary policy. This represented a change from previous wording in which the Fed committed to maintaining low rates for a considerable time. "Considerable time" did not completely exit the statement, but its emphasis was changed to indicate that "considerable time" was in the past. In March of 2015, "patient" exited the statement and the committee indicated that the timing of the rate hike was now data dependent. By June of 2015 it was apparent that the earliest likely rate hike would be September of 2015. In contrast to the tone set by the FOMC, the market appeared to discount any rate hike in 2015 as evidenced by the December 2015 Fed funds futures implied rate, which indicated almost no likelihood of a rate hike by December.

The US economy continued its trend of slow, but steady growth over the fiscal year. The first quarter of 2015 was again plagued by adverse events, as adverse weather and a West Coast port shutdown stifled economic growth. Economic output, as measured by gross domestic product (GDP), declined at an annual rate of 0.7%. Exports fell more than first thought while imports rose higher, which helped to shave almost 1.9 percentage points off overall growth, the largest quarterly drag from net exports in three decades. Subsequent revisions, showed that growth did not shrink, but still came in at an anemic +0.6%. Second quarter 2015 GDP estimates had the economy bouncing back with an increase of 2.3%. The second quarter uptick reflected higher rates of personal consumption expenditure (PCE – primary measure of consumer spending on goods and services), state and local government spending and more exports. The jobs picture continued to show progress, with the headline unemployment rate falling from 6.1% at the beginning of the fiscal year to 5.3% by fiscal year end. The jobless rate finally reached the 5.2% to 5.5% range that the Fed believes reflects a sustainable level over the long run. Wage growth, one of the last pieces of the economic puzzle that the Fed is still looking for in deciding to raise rates, faltered at the end of the fiscal year, falling to 2.0% year-over-year after recording an increase of 2.3% year-over-year in May 2015.

Looking at the longer end of the Treasury yield curve, the yield on the 10 year Treasury Note fell during the fiscal year. After rising modestly during the first quarter of the fiscal year, the yield on the 10 year Treasury Note slid even as the Fed ended its asset purchase program. Strong demand from global central banks and liability driven investors easily replaced government purchases of bonds and helped push yields on the benchmark note lower through the first half of the fiscal year. Calendar year 2015 began with bang,

with yields falling even further on weaker than expected GDP numbers and declining yields on European sovereign debt (due to the ECB's quantitative easing program). The 10 year Treasury Note reached its low point of the fiscal year in January 2015, dropping nearly 85 basis points from the beginning of the fiscal year. By the end of the fiscal year, signs of stronger domestic economic data, consistent with an acceleration in job growth, helped to push the yield up. This increase in yield was tempered in the latter of half of June 2015 by the uncertainty about Greece's future in Euro. The 10 year Treasury Note closed the fiscal year at 2.35%, 18 basis points lower than where it began the fiscal year.

The BTI's two principal stability pools posted results similar to those of 2014. Performance in the WV Money Market Pool ticked down 1 basis point to 0.12% as the pool was managed with a higher weighted average maturity over fiscal year 2015. Sub-six month Treasury rates were lower over the fiscal year, with improvements mostly coming in the sixth month to one year maturity range. Some of this increase in the back end of the Treasury Bill curve was captured with the managers adding securities with longer maturities to the portfolio. The slight increase in return helped to mute the effects of the fall in net position on net investment income as net investment income only fell by \$0.3 million from 2014.

The WV Government Money Market Pool also had similar performance to 2014, with the return flat at 4 basis points in 2015. The pool was managed with a similar weighted average maturity profile as the WV Money Market Pool over the year. The investment strategy was similar to the strategy employed in 2014, with agency discount notes added along the yield curve at times where there was a pick-up in spread to Treasuries. The allocation to repos varied a little more widely over year, staying in the 20% to 40% range. Average assets under management were lower over the fiscal year, but the pool ended the year up \$9.5 million. Net investment income was relatively unchanged from 2014.

The WV Short Term Bond Pool net investment income rose more modestly in fiscal year 2015. Net investment income was up \$0.8 million over 2014, aided by the higher average net investment balance over 2015. Rising yields in the 2 to 5 year portion of the curve helped to boost net investment income over the year as well.

The Loan Pool experienced an "increase" of \$0.4 million in net investment income during the fiscal year. As with fiscal year 2014, the "increase" in net investment income year-over-year primarily resulted from a decrease in the amount reserved for potential loan losses in the Non-Recourse Loan program. The interest rate on the WV Revolving Loan program was flat, staying at 18 basis points for fiscal year 2015. The unchanged rate, along with a modest decrease in loan balances resulted in interest income on loans decreasing by a minimal amount. See Note 6 to the audited financial statements for more information on the loan programs of the Loan Pool.

Net investment income for the Municipal Bond Commission Account fell substantially from fiscal year 2014, declining by \$0.3 million from fiscal year 2014. With a tight supply of eligible securities, new investments were directed to the WV Money Market and WV Government Money Market Pools where possible. The decrease in investment balances led directly to the drop in net investment income. Net investment income for the remaining pools was comparable to the prior fiscal year.

Realized gains and losses in the Consolidated Fund fell by \$0.5 million from the level seen in fiscal year 2014. While realized gains in fiscal year 2014 were minimal, in fiscal year 2015 the WV Short Term Bond Pool experienced a realized loss with the sale of sub-investment grade asset-backed securities. These securities had been purchased in 2007 and 2008 by the investment manager that managed the Pool prior to Federated Investors assuming the mandate in late 2008. During fiscal year 2015, Federated Investors received bids on the securities that approximated their estimate of fair value and sold the securities.

The change in fair value of investments fell by \$3.4 million as compared to fiscal year 2014. Nearly the entire change in this balance was attributable to falling values in the WV Short Term Bond Pool. The rising yields that benefitted net investment income as maturities and interest receipts were reinvested in higher

yielding investments, were detrimental to the value of securities that had been previously purchased at lower yields. While spread widening in credit products over the fiscal year helped push down security values, almost half of the decline in value occurred in June 2015 as investors shunned credit products in a flight to quality over global economic concerns. The change in fair value in the Economic Development Authority Account was negligible during fiscal year 2015.

### **Economic Factors**

The Consolidated Fund is designed to address the short-term liquidity needs of the participants which focus on safety of principal, maximization of yield, and conformance with state law and other pertinent legal restrictions. The Board recognizes that risk, volatility, and the possibility of loss in purchasing power are present to some degree in all types of investments. However, the Investment Policy of the BTI invests assets in a manner that minimize risks with the primary objectives of safety and liquidity.

Interest rates, as measured by the Treasury yield curve, were a mixed bag over the fiscal year. In the very short end of the curve (1 month and 3 month maturities), rates ended the year almost where they began. Yields in the 6 month to 1 year tenor moved higher, reflecting expectations of the Fed raising their target rate range higher within the next six to nine months. Supply of Treasury bills was marginally higher throughout the year, but still remained at low levels. Exacerbating the supply issues was continued strong demand for high quality liquid collateral resulting from regulatory reform enacted over fiscal years 2014 and 2015. Subsequent to the end of its asset purchasing program in October 2014, the Fed began changing the wording of their post-meeting press releases to indicate they are ready to begin process of policy normalization. Strong data for the second of half of calendar year 2014 appeared to set the stage for a rate hike in early to mid-2015, provided economic data continued to come in confirming the Fed's economic expectations.

However, fluctuations in GDP growth in the first quarter of calendar year 2015 and some softness in employment numbers pushed the likely date for an increase into the second half of the year. By the end of fiscal year 2015, economic data seemed to confirm the Fed's view that first quarter data largely represented transient noise in an otherwise slow but steady improvement in the U.S. economy. With economic growth and employment soft, but sufficient in the Fed's view to warrant increasing rates in 2015, inflation remained the final piece of the puzzle. Inflation has lagged Fed projections and is still below their long-term target of 2% which has seemed to give the Fed pause in their desire to raise rates. Further clouding the picture for a 2015 rate hike is an apparent slowdown in China's economy and the continuing economic saga in Greece. Additionally, both the World Bank and International Monetary Fund called on the Fed to delay a rate increase until 2016, citing concerns over the potential that the rate hike poses considerable risk to global markets and U.S. economic growth.

One year has now passed since the U.S. Securities and Exchange Commission (SEC) voted to approve major changes to the rules governing U.S. money market funds. While the floating NAV requirement for prime institutional money market funds doesn't come into effect until October 2016, the effects of the reforms will likely be felt over the coming months. Current expectations are for some outflows from prime money market funds to government money market funds, which could pressure yields on Treasuries and Agencies lower and could even keep a lid on those rates when the Fed begins to hike the fed funds rate. This could potentially further contribute to an ongoing demand/supply imbalance of high-quality investments in the front-end.

In 2015, West Virginia balanced its budget with the aid of mid-year budget spending authority reductions, which were partially accomplished through a general hiring freeze. In addition to the mid-year cuts, the use of unappropriated balances, a supplemental revenue reserve appropriation by the Legislature and the use of funds from the Income Tax Reserve Account were necessary to balance expenditures with final revenue collections. General revenue collections were \$60.6 million below estimate, but with the measures

undertaken to balance the budget, the state ended up with a year-end surplus of more than \$1.3 million. After decreasing for two consecutive years, general revenues grew by an adjusted 3.6 percent in fiscal year 2015, a level just slightly below the long-term average annual growth rate of roughly 4.0 percent. Revenue growth is expected to soften significantly in fiscal year 2016 as a result of significantly lower energy prices for coal, natural gas and oil.

Future budget years are likely to prove challenging with an increasingly volatile energy sector and slower long-term growth elsewhere. The major keys to both West Virginia economic growth and fiscal health in recent years were a strong energy sector with higher coal prices and higher natural gas production and growing foreign exports of both manufactured goods and steam and metallurgical coal. However, the gradual implementation of various environmental standards for the electric power generation industry resulted in the planned closing of a number of regional coal-fired power generation plants, the loss of certain regional energy intensive manufacturing sector activities and in the substitution of competitively priced natural gas fired power generation. In addition, cheaper high-sulfur coal from Midwestern states and Northern Appalachia is gradually displacing lower-sulfur southern West Virginia coal in a number of power plants with recently installed flue-gas de-sulfurization equipment. A very slow-growing national economy, in combination with slower worldwide economic growth, also poses significant challenges for both coal markets and export markets.

A recent 30 percent or greater decline in natural gas prices will greatly hinder revenue growth in the upcoming fiscal year. However, planned natural gas pipeline infrastructure improvements and future growth in liquefied natural gas exports should result in firmer energy prices over time and improved tax revenue growth in future years. An abundant supply of competitively-priced natural gas products should also stimulate additional regional manufacturing activity over time. Overall growth rates for personal income and gross state product are anticipated to be very sluggish in the near term. State revenue growth is anticipated to be minimal in this environment. Flat or declining state revenues could result in decreases in assets under management as the State draws against invested funds to meet cash needs.

#### **Requests for Information**

This financial report is designed to provide a general overview of the BTI's operations. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to Chief Financial Officer, West Virginia Board of Treasury Investments, 1900 Kanawha Boulevard East, Charleston WV 25305.

# West Virginia Board of Treasury Investments Statement of Net Position Proprietary Fund

# June 30, 2015

(In Thousands)

## Assets

Current assets:	
Cash	\$ 1,003
Receivables	517
Total current assets	1,520
Noncurrent assets:	
Capital assets, net of accumulated depreciation	1
Total assets	1,521
Liabilities	
Current liabilities:	
Accounts payable	838
Total liabilities	838
Net position	
Investment in capital assets	1
Unrestricted	682
Total net position	\$ 683

# West Virginia Board of Treasury Investments Statement of Revenues, Expenses and Changes in Fund Net Position Proprietary Fund

For the Year Ended June 30, 2015

(In Thousands)

Operating revenues	
Management services	\$ 1,297
Advisor services	1,553
Custodian services	132
Total operating revenues	2,982
Operating expenses	
Advisor fees	1,553
Management fees	613
Professional service fees	229
Fiduciary bond	18
Custodian fees	132
General and administrative	258
Depreciation	2
Total operating expenses	2,805
Operating income	177
Change in net position	177
Net position at beginning of period	506
Net position at end of period	\$ 683

# West Virginia Board of Treasury Investments Statement of Cash Flows Proprietary Fund

For the Year Ended June 30, 2015

(In Thousands)

Cash flows from operating activities	
Cash received for services	\$ 3,138
Payments to vendors	(2,470)
Net cash provided by operating activities	668
Cash at beginning of period	335
Cash at end of period	\$ 1,003
Reconciliation of operating income to net cash provided by operating activities	
Operating income	\$ 177
Adjustments to reconcile operating gain to net cash provided by operating activities:	Ψ 177
Depreciation	2
Changes in assets and liabilities:	
Receivables	155
Accounts payable	334
Net cash provided by operating activities	\$ 668

# West Virginia Board of Treasury Investments Combined Statement of Fiduciary Net Position Fiduciary Funds

# June 30, 2015

(In Thousands)

Investments:\$2,403,438At amortized cost\$2,403,438At fair value765,586Total investments3,169,024Receivables:2,663Accrued interest2,663Dividends6Total receivables2,669Total assets3,171,693LiabilitiesAccrued expenses518Dividends payable656Investments purchased998Total liabilities2,172Net Position3,160,862Held in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659Total net position\$3,169,521	Assets	
At fair value765,586Total investments3,169,024Receivables:2,663Accrued interest2,669Dividends6Total receivables2,669Total assets3,171,693Liabilities518Accrued expenses518Dividends payable656Investments purchased998Total liabilities2,172Net Position3,160,862Held in trust for individual investment account holders3,160,862Held in trust for individual investment account holders3,659	Investments:	
Total investments3,169,024Receivables:3,169,024Accrued interest2,663Dividends6Total receivables2,669Total assets3,171,693Liabilities518Accrued expenses518Dividends payable656Investments purchased998Total liabilities2,172Net Position3,160,862Held in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659	At amortized cost	\$2,403,438
Receivables:2,663Accrued interest2,663Dividends6Total receivables2,669Total assets3,171,693Liabilities3,171,693Accrued expenses518Dividends payable656Investments purchased998Total liabilities2,172Net Position3,160,862Held in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659	At fair value	765,586
Accrued interest2,663Dividends6Total receivables2,669Total assets3,171,693Liabilities3,171,693Liabilities518Accrued expenses518Dividends payable656Investments purchased998Total liabilities2,172Net Position3,160,862Held in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659	Total investments	3,169,024
Dividends6Total receivables2,669Total assets3,171,693Liabilities3,171,693Accrued expenses518Dividends payable656Investments purchased998Total liabilities2,172Net Position3,160,862Held in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659	Receivables:	
Total receivables2,669Total assets3,171,693Liabilities3,171,693Liabilities518Dividends payable656Investments purchased998Total liabilities2,172Net Position3,160,862Held in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659	Accrued interest	2,663
Total assets3,171,693Liabilities3,171,693Accrued expenses518Dividends payable656Investments purchased998Total liabilities2,172Net Position3,160,862Held in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659	Dividends	6
LiabilitiesAccrued expenses518Dividends payable656Investments purchased998Total liabilities2,172Net Position3,160,862Held in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659	Total receivables	2,669
Accrued expenses518Dividends payable656Investments purchased998Total liabilities2,172Net Position3,160,862Held in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659	Total assets	3,171,693
Accrued expenses518Dividends payable656Investments purchased998Total liabilities2,172Net Position3,160,862Held in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659		
Dividends payable656Investments purchased998Total liabilities2,172Net Position998Held in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659	Liabilities	
Investments purchased998Total liabilities2,172Net Position998Held in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659	Accrued expenses	518
Total liabilities2,172Net Position3,160,862Held in trust for individual investment account holders8,659	Dividends payable	656
Net PositionHeld in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659	Investments purchased	998
Held in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659	Total liabilities	2,172
Held in trust for investment pool participants3,160,862Held in trust for individual investment account holders8,659		
Held in trust for individual investment account holders         8,659	Net Position	
	Held in trust for investment pool participants	3,160,862
Total net position\$3,169,521	Held in trust for individual investment account holders	8,659
	Total net position	\$3,169,521

# West Virginia Board of Treasury Investments Combined Statement of Changes in Fiduciary Net Position Fiduciary Funds

For the Year Ended June 30, 2015

(In Thousands)

Additions		
Investment income:		
Interest	\$	14,942
Dividends		1,575
Net amortization		(3,885)
Provision for uncollectible loans		(822)
Total investment income		11,810
Investment expenses:		
Investment advisor fees		1,552
Custodian bank fees		133
Administrative fees		1,298
Total investment expenses		2,983
Net investment income		8,827
Net realized loss from investments		(442)
Net decrease in fair value of investments		(986)
Net increase in net position from operations		7,399
Participant transaction additions:		
Purchase of pool units by participants	10,	934,435
Reinvestment of pool distributions		8,679
Contributions to individual investment accounts		825
Total participant transaction additions	10,	943,939
Total additions	10,	951,338
Deductions		
Distributions to pool participants:		
Net investment income		8,714
Net realized loss from investments		(442)
Total distributions to pool participants		8,272
Participant transaction deductions:		
Redemption of pool units by participants	10	977,054
Withdrawals from individual investment accounts		20,105
Total participant transaction deductions	10,	997,159
Total deductions	11,	005,431
Change in net position		(54,093)
Net position at beginning of period	3.	223,614
Net position at end of period	-	169,521

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# West Virginia Board of Treasury Investments

# Notes to Financial Statements

## June 30, 2015

#### **1. Organization and Operations**

The West Virginia Board of Treasury Investments (the "BTI") is charged with managing the individual investment pools and accounts of the Consolidated Fund under authority of West Virginia State Code Chapter 12, Article 6C, West Virginia Treasury Investments Act. The West Virginia Legislature established the BTI as a public corporation of the State of West Virginia, to make short-term operating funds of the state more accessible to state government and to allow the West Virginia Investment Management Board (the "IMB"), which had managed the Consolidated Fund, to focus on the state's long-term trust investments. The BTI operates on a fiscal year that begins July 1 and ends June 30.

The accompanying financial statements include the operations of the BTI as well as investment balances and transactions of the individual investment pools and accounts of the Consolidated Fund under management of the BTI. The BTI provides a business-type activity that charges fees on a costreimbursement basis and is shown in the separate proprietary fund financial statements. Investment activities of the Consolidated Fund are shown in the separate fiduciary fund financial statements.

The West Virginia State Treasurer's Office provides direct administrative and management services to the BTI. The BTI does not employ a staff, but reimburses the Treasurer's Office for all personnel expenses of Treasury employees assigned to administer and manage the BTI. The Treasurer's Office also provides various supplementary administrative services. A five-member Board of Directors governs the BTI. The State Governor, State Treasurer, and State Auditor serve as ex officio members of the Board. The Governor appoints the two remaining members subject to the advice and consent of the State Senate. Of the two members appointed by the Governor, one shall be a certified public accountant and one shall be an attorney, and both shall have experience in finance, investing and management. The State Treasurer is Chairman of the Board.

The Consolidated Fund provides for the investment of moneys not currently needed to fund state governmental operations, as well as providing the opportunity for local governments to participate in large investment pools, and for those funds statutorily required to be invested in the Consolidated Fund. The following investment pools and accounts make up the Consolidated Fund:

**WV Money Market** – This pool consists of the operating funds of the State, funds held by State agencies, and funds from local governments who desire the opportunity to invest with the State. Its purpose is to provide for the investment of all surplus funds and to supply the daily cash needs of the State. The pool is co-managed by JP Morgan Asset Management and UBS Global Asset Management.

**WV Government Money Market** – This pool consists of investors who wish to invest in a pool that restricts its investments to U.S. Government Obligations, U.S. Government Agency Obligations, or repurchase agreements. The pool is managed by UBS Global Asset Management.

**WV Short Term Bond** – This pool consists of the operating funds of the State that are not needed immediately to fund the State's liquidity requirements. The pool is managed by Federated Investors.

**WV Bank** – This pool consists of certificates of deposit purchased by the State through the BidWV auction program. The program purchases CDs from state banks and depositories to make state investment funds available for consumer and business loans within the state.

Loans – This pool is composed of loans made by the State. The \$1 unit price is used for accounting purposes only. The State is the sole participant in this pool. Within the Loan Pool is a non-recourse loan made by the West Virginia Economic Development Authority (the "WVEDA") to the West Virginia Enterprise Advancement Corporation (the "WVEAC"), which in turn invests the funds in the West Virginia Enterprise Capital Fund, LLC (the "WVECF"), which then invests the money in venture capital funds. The WVEAC is a non-profit corporation that has a common board of directors with the WVEDA. The nonrecourse loan program was authorized pursuant to WV Code §12-6-9, which requires the BTI to transfer up to \$25,000,000 in State funds to the WVEDA. The funds transferred by the BTI are to be repaid with proceeds received by the WVEDA from the WVEAC, which will make repayment to the WVEDA from the proceeds it receives from the WVECF. The Loan Pool is restricted by statute to receiving 3% earnings on the funds transferred to the WVEDA. Although the non-recourse loan made by the WVEDA may earn an excess of 3%, only 3% will be given to the Loan Pool, and the WVEDA will retain the rest. The BTI is not responsible for exercising any discretion over or making any decisions in regard to the lending, investing and repayment activities of the non-recourse loan program, or for any other loans in the Loan Pool. The WVEDA provides all bookkeeping and accounting records of the non-recourse loan program. The BTI's role is to transfer the funds to the WVEDA when requested and to maintain an accounting for the loans within the Loan Pool based on information provided by the WVEDA.

**Reserve** – This pool is composed of an interest-bearing depository account with BB&T. The pool was created to provide an added layer of security for the WV Money Market and WV Government Money Market Pools. The objective of this pool is to provide support for the WV Money Market and WV Government Money Market Pools to ensure their unit net position does not fall below \$0.9975. The State is the sole participant in this pool. Other funds are transferred to this pool as management deems necessary.

**Participant Directed Accounts** – The BTI also maintains pools for individual State agencies with specific investment needs. These pools are collectively referred to as Participant Directed Accounts, and include the following: Municipal Bond Commission, School Fund, and Economic Development Authority – American Woodmark ("EDA – AW"). Each agency is the sole owner of the investments in its pool and is responsible for the investment decisions in accordance with the legal restrictions applicable to those assets. The BTI serves as custodian of these pools and has no discretion over investment and financial decisions made for them.

The BTI is authorized by West Virginia Code Chapter 12, Article 6C, Section 9, to invest in United States government and agency obligations, commercial paper, corporate bonds, repurchase agreements, assetbacked securities, and investments in accordance with the Linked Deposit Program, which is a program using financial institutions in the state to reduce loan costs to small businesses by offsetting interest reductions on the loans with certificates of deposit, loans approved by the Legislature, and any other programs authorized by the Legislature. In addition to the restrictions in investment types, at no time shall more than seventy-five percent of the Consolidated Fund be invested in any bond, note, debenture, commercial paper or other evidence of indebtedness of any private corporation or association and at no time shall more than five percent be invested in securities issued by a single private corporation or association. Further, no less than fifteen percent of the Consolidated Fund shall be invested in any direct obligation of or obligation guaranteed by the United States government.

## 2. Significant Accounting Policies

## **Basis of Accounting**

The financial statements of the BTI are reported using the economic resources measurement focus and the accrual basis of accounting in conformity with accounting principles generally accepted in the United States of America. Under this method of accounting, revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows.

An internal service fund, which is a type of proprietary fund, is used to account for investment management services provided by the BTI on a cost-reimbursement basis. An investment trust fund, which is a type of fiduciary fund, is used to account for each of the investment pools and accounts of the Consolidated Fund. The Consolidated Fund is composed of three external investment pools (WV Money Market, WV Government Money Market, and WV Short Term Bond), three internal investment pools (WV Bank, Loans, and Reserve) and three individual investment accounts (Municipal Bond Commission, School Fund, and Economic Development Authority – American Woodmark).

## **Budgetary Information**

The Board's annual operating budget is appropriated by the Legislature from fees collected by the BTI.

## **Cash Equivalents**

Cash equivalents are short-term investments with maturities when acquired of 90 days or less.

#### **Capital Assets**

Capital asset expenditures of \$1,000 (\$500 in the case of certain computer equipment) or more with a useful life greater than one year are capitalized at cost and reported net of accumulated depreciation. Depreciation is computed using the straight-line method over the estimated useful lives of the assets. The estimated useful lives are three years.

#### Wages, Compensated Absences, Retirement Plan and Other Postemployment Benefits

The BTI has no employees. The State Treasurer's Office provides administrative and management services to the BTI. As a result, the BTI does not accrue for compensated absences and other postemployment benefits or directly contribute to the state retirement plan. Management services provided are recorded as management fees paid to the State Treasurer's Office.

#### **Income Taxes**

The BTI is a public corporation organized under laws of the State of West Virginia and, as such, is exempt from federal and state taxation. Accordingly, the financial statements have been prepared recognizing that the BTI is not subject to federal or state income taxes.

#### **Revenues and expenses – Proprietary fund**

Operating revenues of the BTI's proprietary fund come from services provided to the investment pools and accounts of the Consolidated Fund. Revenues of the proprietary fund also are derived from vendor fees

charged directly to the investment pools and accounts and paid by the proprietary fund, such as investment advisor fees and custodian fees. Operating expenses of the proprietary fund represent payments for services provided under contract, such as investment advisors and consultants, fiduciary bond fees, and custodian fees; general and administrative expenses of the BTI, such as administrative and management services, office equipment, office supplies, and office space; and depreciation of capital assets. Revenues and expenses are recorded when earned and incurred in accordance with the economic resources measurement focus and the accrual basis of accounting.

## **Net Position – Proprietary fund**

The net position of the BTI's proprietary fund is composed of investment in capital assets and unrestricted net position, which represent net position not restricted to use by legal, contractual or enabling legislation constraints.

## **Use of Estimates**

The preparation of the financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

#### **Investment Accounting**

**Investment Valuation** The BTI is an investment vehicle of the State, its component units, and local governments, all of which are government entities. The investments of the WV Money Market, WV Government Money Market, WV Bank, Loan, Reserve, and Municipal Bond Commission pools or accounts are carried at amortized cost, as permissible under Governmental Accounting Standards Board ("GASB") Statement Number 31, as amended by GASB Statement Number 59. The WV Money Market and WV Government Money Market pools are considered "2a7-like" investment pools and, as such, are reported at amortized cost, which approximates fair value. A 2a7-like pool operates in conformity with the Securities and Exchange Commission (the "SEC") Rule 2a7 of the Investment Company Act of 1940, which allows money market mutual funds to use amortized cost to report net assets (position). A pool must satisfy all SEC requirements of Rule 2a7 to qualify as a 2a7-like pool. A 2a7-like pool is not necessarily registered with the SEC as an investment company, but it would qualify as a money market fund should it be registered. The specific exceptions to fair value reporting for the other pools as defined in professional standards are as follows:

Pool	Exception
WV Bank	Nonnegotiable certificates of deposit with redemption terms that do not consider market rates
Loan	Loans receivable arising from real estate lending activities
Reserve	Nonparticipating investment contract with redemption terms that do not consider market rates
Municipal Bond Commission	Irrevocable trust meeting the requirements of a legal or in-substance defeasance

The investments of the remaining pools are reported at fair value, which is determined by a third party pricing service based on asset portfolio pricing models and other sources. The BTI determines fair value at the end of each month. Investments in commingled investment pools are valued at the reported unit values of the individual funds. Commissions on the purchases of securities by the BTI are a component of the security price quoted by the seller and are included in the investment cost.

**<u>Repurchase Agreements</u>** The BTI uses only tri-party repurchase agreements. Under the terms of a triparty repurchase agreement, the seller transfers collateral securities to an account of the BTI's manager/agent at the seller's custodian bank. This arrangement perfects the BTI's lien on the collateral and effectively protects the BTI from a default by the seller. The BTI requires sellers in repurchase transactions to pledge collateral of at least 102% of the cash borrowed from the BTI. If the seller defaults and the fair value of the collateral declines, realization of the collateral by the BTI may be delayed or limited.

<u>Asset-Backed Securities</u> Certain pools invest in various asset-backed securities and structured corporate debt. The securities are reported at fair value. The pools invest in these securities to enhance yields on investments. Changes in market interest rates affect the cash flows of these securities and may result in changes in fair value. The overall return or yield on these securities depends on the changes in the interest and principal payment pattern and market value of the underlying assets.

**Investment Transactions** Investment transactions are accounted for on a trade date basis.

**Investment Gains and Losses** Gains and losses on the sale of investment securities are recognized at the time of sale by the average cost method. The calculation of realized gains and losses is independent of the calculation of the net increase in the fair value of investments. Realized gains and losses on investments held in more than one fiscal year and sold in the current year may have been recognized as an increase or decrease in the fair value of investments reported in the prior year.

**Interest Income** Interest income is recognized as earned on the accrual method with one exception. The cost recovery method of income recognition is used for the interest on the WVEDA Non-Recourse Loan held by the Loan Pool. Under this method, interest income will only be recognized once the principal balance of the loan has been recovered.

**<u>Dividend Income</u>** Dividend income is recognized on the ex-dividend date.

<u>Amortization</u> Discounts and premiums on securities purchased are amortized over the life of the respective securities using the scientific method of amortization. This method maintains a constant book yield over the life of the security. The amortization of asset-backed securities considers the effect of prepayments on the life of the security. The effect of changing prepayment assumptions is reported in the Combined Statement of Changes in Fiduciary Net Position in the year of the change.

<u>Allowance for Loan Losses</u> The allowance for loan losses is available to absorb future loan losses. The allowance is increased by provisions charged against operations and reduced by charge-offs (losses), net of recoveries. The provision is based on several factors including: analytical reviews of loan loss experience in relationship to outstanding loans; a continuing review of problem loans and overall portfolio quality, including analysis of the quality of the underlying collateral; and management's judgment on the impact of current and expected economic conditions on the portfolio. At June 30, 2015, the Loan Pool had an allowance for uncollectible loans of \$22,317,247.

**Distributions to Participants** The net income of the WV Money Market and WV Government Money Market Pools are declared as dividends and distributed daily to the participants based upon their pro rata participation in the pools. The distributions of net investment income are credited to the participants' accounts in the form of dividend reinvestments in the pool and have been included in distributions to participants and reinvestment of distributions as presented on the Statement of Changes in Fiduciary Net Position.

The monthly net income of the WV Short Term Bond Pool is declared as a dividend on the last day of the month and distributed to the participants in the pool on the first day of the following month. Distributions are paid in the form of reinvestments in the pools and have been included in distributions to participants and reinvestment of distributions as presented on the Statement of Changes in Fiduciary Net Position.

The net income of the WV Bank Pool is determined monthly and reinvested in the pool. The earnings are transferred periodically to the State Participation Account which represents invested cash of the state not specifically allocated to individual agencies.

The net income of the Loan Pool is determined monthly and distributed to the participant on the last day of the month. Distributions are paid in the form of reinvestments in the pool and have been included in distributions to participants and reinvestment of distributions as presented on the Statement of Changes in Fiduciary Net Position.

The net income of the Reserve Pool is declared as a dividend and distributed on the last day of the month. If the pool incurs a loss resulting in negative income, the loss will be distributed on the last day of the month.

**Expenses** Each pool is charged for its direct investment-related cost and for its allocated share of other expenses. The other expenses are allocated to the pools based on asset size. Certain pools cannot be charged expenses or must be charged a reduced expense. The BTI proprietary fund pays all expenses on behalf of the pools and is subsequently reimbursed by the pools.

## 3. Cash and Cash Equivalents

The internal service fund's cash on deposit with the State Treasurer's Office was approximately \$1,003,000 at June 30, 2015. The cash is pooled with other deposits from the State's agencies, departments, boards and commissions and is subject to coverage by the Federal Deposit Insurance Corporation ("FDIC") or collateralized by securities held by the State or its agents in the State's name. Cash equivalents are short-

term, highly liquid investments having original maturities of 90 days or less. The internal service fund did not hold any cash equivalents at June 30, 2015.

Custodial credit risk of cash deposits is the risk that in the event of failure of a depository financial institution, a government will not be able to recover deposits or will not be able to recover collateral securities that are in the possession of an outside party. The BTI does not have a deposit policy for custodial credit risk. BTI management does not believe any of its operating fund's deposits are exposed to custodial credit risk.

#### 4. Investments and deposits

The BTI has adopted an investment policy in accordance with the "Uniform Prudent Investor Act." The "prudent investor rule" guides those with responsibility for investing the money for others. Such fiduciaries must act as a prudent person would be expected to act, with discretion and intelligence, to seek reasonable income, preserve capital, and, in general, avoid speculative investments. The BTI's investment policy is to invest assets in a manner that strives for maximum safety, provides adequate liquidity to meet all operating requirements, and achieves the highest possible investment return consistent with the primary objectives of safety and liquidity. The BTI recognizes that risk, volatility, and the possibility of loss in purchasing power are present to some degree in all types of investments. Due to the short-term nature of the Consolidated Fund, the BTI believes that it is imperative to review and adjust the investment policy in reaction to interest rate market fluctuations/trends on a regular basis and has adopted a formal review schedule. Investment policies have been established for each investment pool and account of the Consolidated Fund.

#### **Credit Risk**

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. Two of the BTI's pools, the WV Money Market and WV Government Money Market Pools, have been rated AAAm by Standard & Poor's. A fund rated "AAAm" has extremely strong capacity to maintain principal stability and to limit exposure to principal losses due to credit, market, and/or liquidity risks. "AAAm" is the highest principal stability fund rating assigned by Standard & Poor's. Neither the BTI itself nor any of the other Consolidated Fund pools or accounts has been rated for credit risk by any organization. Of the Consolidated Fund pools and accounts, six are subject to credit risk: WV Money Market Pool, WV Government Money Market Pool, WV Short Term Bond Pool, WV Bank Pool, Loan Pool, and School Fund Account.

The BTI limits the exposure to credit risk in the WV Money Market Pool by requiring all corporate bonds to be rated AA- by Standard & Poor's (or its equivalent) or higher. Commercial paper must be rated at least A-1 by Standard & Poor's and P-1 by Moody's. The pool must have at least 15% of its assets in U.S. Treasury issues. The following table provides information on the credit ratings of the WV Money Market Pool's investments (in thousands):

	Credit	Rating	_	
Security Type	Moody's	S&P	Carrying Value	Percent of Pool Assets
Commercial paper	P-1	A-1+	\$ 186,737	9.88%
	P-1	A-1	660,027	34.91
Corporate bonds and notes	Aa3	A+	10,005	0.53
	Aa3	AA-	10,000	0.53
	Aa3	NR	10,000	0.53
U.S. agency bonds	Aaa	AA+	81,994	4.34
U.S. Treasury notes *	Aaa	AA+	229,760	12.15
U.S. Treasury bills *	P-1	A-1+	92,059	4.87
Negotiable certificates of deposit	Aa2	AA-	10,000	0.53
	P-1	A-1+	51,000	2.70
	P-1	A-1	142,000	7.51
U.S. agency discount notes	P-1	A-1+	304,342	16.10
Money market funds	Aaa	AAAm	90,017	4.76
Repurchase agreements (underlying securities):				
U.S. Treasury notes *	Aaa	AA+	1,323	0.07
U.S. agency notes	Aaa	AA+	11,200	0.59
			\$ 1,890,464	100.00%

NR = Not Rated

\* U.S. Treasury issues are explicitly guaranteed by the United States government and are not subject to credit risk.

The BTI limits the exposure to credit risk in the WV Government Money Market Pool by limiting the pool to U.S. Treasury issues, U.S. government agency issues, money market funds investing in U.S. Treasury issues and U.S. government agency issues, and repurchase agreements collateralized by U.S. Treasury issues and U.S. government agency issues. The pool must have at least 15% of its assets in U.S. Treasury issues. The following table provides information on the credit ratings of the WV Government Money Market Pool's investments (in thousands):

	Credit l	Rating		
Security Type	Moody's	S&P	Carrying Value	Percent of Pool Assets
U.S. agency bonds	Aaa	AA+	\$ 6,000	2.41%
U.S. Treasury notes *	Aaa	AA+	34,019	13.69
U.S. Treasury bills *	P-1	A-1+	11,991	4.83
U.S. agency discount notes	P-1	A-1+	152,299	61.30
Money market funds	Aaa	AAAm	59	0.02
Repurchase agreements (underlying securities):				
U.S. agency notes	Aaa	AA+	44,100	17.75
			\$ 248,468	100.00%

\* U.S. Treasury issues are explicitly guaranteed by the United States government and are not subject to credit risk.

The BTI limits the exposure to credit risk in the WV Short Term Bond Pool by requiring all corporate bonds to be rated BBB- or higher by Standard & Poor's (or its equivalent). Commercial paper must be rated at least A-1 by Standard & Poor's and P-1 by Moody's. Mortgage-backed and asset-backed securities must be rated AAA by Standard & Poor's and Aaa by Moody's. The following table provides information on the credit ratings of the WV Short Term Bond Pool's investments (in thousands):

	Credit	Rating		
Security Type	Moody's	S&P	Carrying Value	Percent of Pool Assets
Corporate asset backed securities	Aaa	AAA	\$ 106,301	13.96%
I	Aaa	AA+	3,822	0.50
	Aaa	NR	105,366	13.84
	NR	AAA	80,008	10.51
Corporate bonds and notes	Aaa	AA+	7,689	1.01
•	Aa1	AA+	5,013	0.66
	Aa1	AA	4,039	0.53
	Aa2	AA+	4,041	0.53
	Aa2	AA	6,987	0.92
	Aa2	AA-	15,025	1.97
	Aa2	А	1,496	0.20
	Aa2	A-	1,001	0.13
	Aa3	AA-	16,380	2.15
	Aa3	A+	15,787	2.07
	A1	AA+	7,097	0.93
	A1	AA-	21,552	2.83
	A1	A+	24,116	3.17
	A1	А	8,078	1.06
	A2	A+	4,617	0.61
	A2	А	45,485	5.97
	A2	A-	9,485	1.25
	A3	A-	43,564	5.72
	A3	А	20,699	2.72
	A3	BBB+	9,745	1.28
	Baa1	A	2,001	0.26
	Baal	A-	27,754	3.64
	Baal	BBB+	33,751	4.43
	Baa1	BBB	12,788	1.68
	Baal	BBB-	500	0.07
	Baa2	BBB+	3,205	0.42
	Baa2	BBB	19,066	2.50
	Baa2	BBB-	3,008	0.40
	Baa3	BBB+	2,125	0.28
	Baa3	BBB	6,265	0.82
	Baa3	BBB-	17,460	2.29
U.S. agency mortgage backed securities *	Aaa	AA+	32,198	4.23
Money market funds	Aaa	AAAm	34,012	4.46
			\$ 761,526	100.00%

NR = Not Rated

\* U.S. agency mortgage backed securities are explicitly guaranteed by the United States government and are not subject to credit risk.

The WV Bank Pool holds an interest in a money market mutual fund valued at approximately \$66,000. The mutual fund is rated AAAm by Standard & Poor's and Aaa by Moody's. The BTI does not have a policy specifically addressing credit risk in the WV Bank Pool.

The Loan Pool is composed of loans made by the State. The pool holds intergovernmental loans and an investment in a money market mutual fund of approximately \$48,000. The mutual fund is rated AAAm by Standard & Poor's and Aaa by Moody's. The loans are not rated; however, because there is the potential

for defaults on the loans, the pool is subject to credit risk related to the loans. The BTI addresses this credit risk by establishing and regularly evaluating a reserve for uncollectible loans.

The School Fund Account holds only an interest in a money market mutual fund valued at approximately \$2,174,000. The mutual fund is rated AAAm by Standard & Poor's and Aaa by Moody's. The BTI does not have a policy specifically addressing credit risk in the School Fund Account.

#### **Interest Rate Risk**

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. All Consolidated Fund pools and accounts are subject to interest rate risk.

The overall weighted average maturity of the investments of the WV Money Market Pool cannot exceed 60 days. Maximum maturity of individual securities cannot exceed 397 days from date of purchase, except for government floating rate notes, which can be up to 762 days. The following table provides information on the weighted average maturities for the various asset types in the WV Money Market Pool:

	Carrying Value		WAM
Security Type	(In Thousands)		(Days)
Repurchase agreements	\$	12,523	1
U.S. Treasury notes		229,760	75
U.S. Treasury bills		92,059	123
Commercial paper		846,764	30
Certificates of deposit		203,005	51
U.S. agency discount notes		304,342	60
Corporate bonds and notes		30,000	75
U.S. agency bonds		81,994	58
Money market funds		90,017	1
	\$	1,890,464	47

The overall weighted average maturity of the investments of the WV Government Money Market Pool cannot exceed 60 days. Maximum maturity of individual securities cannot exceed 397 days from date of purchase, except for government floating rate notes, which can be up to 762 days. The following table provides information on the weighted average maturities for the various asset types in the WV Government Money Market Pool:

Security Type	Carrying Value (In Thousands)	WAM (Days)
Repurchase agreements	\$ 44,100	1
U.S. Treasury notes	34,019	80
U.S. Treasury bills	11,991	160
U.S. agency discount notes	152,299	51
U.S. agency bonds	6,000	30
Money market funds	59	1
	\$ 248,468	51

The overall effective duration of the investments of the WV Short Term Bond Pool cannot exceed 731 days. Maximum effective duration of individual securities cannot exceed 1,827 days (five years) from date of purchase. The following table provides information on the effective duration for the various asset types in the WV Short Term Bond Pool:

		Effective
	Carrying Value	Duration
Security Type	(In Thousands)	(Days)
Corporate bonds and notes	399,822	495
Corporate asset backed securities	295,494	357
U.S. agency mortgage backed securities	32,198	267
Money market funds	34,012	1
	\$ 761,526	410

The West Virginia Bank Pool holds nonnegotiable certificates of deposit totaling \$116,000,000 with maturity dates ranging from July 2015 through December 2015, and an interest in a money market mutual fund valued at approximately \$66,000. The BTI's policy does not specifically address maturity restrictions as a means of managing exposure to fair value losses in this pool arising from increasing interest rates.

The Loan Pool holds an interest in a money market mutual fund in the amount of approximately \$48,000 with a weighted average maturity of one day. The BTI's policy does not specifically address maturity restrictions as a means of managing exposure to fair value losses in this pool arising from increasing interest rates.

The Reserve Pool maintains funds totaling approximately \$18,712,000 in a bank depository account. The BTI's policy does not specifically address maturity restrictions as a means of managing exposure to fair value losses in this pool arising from increasing interest rates.

The BTI's policy does not specifically address maturity restrictions as a means of managing exposure to fair value losses in the Municipal Bond Commission Account arising from increasing interest rates. The

following table provides information on the weighted average maturities for the various asset types in the Municipal Bond Commission Account:

	Carrying Value	WAM
Security Type	(In Thousands)	(Days)
U.S. Treasury bonds and notes	3,706	724
State and local government securities	825	334
	\$ 4,531	653

The School Fund Account holds only an interest in a money market mutual fund valued at approximately \$2,174,000 with a weighted average maturity of one day. The BTI's policy does not specifically address maturity restrictions as a means of managing exposure to fair value losses in this pool arising from increasing interest rates.

The EDA-AW Account holds only a U.S. Treasury bond valued at approximately \$1,886,000 that matures August 15, 2023. The BTI's policy does not specifically address maturity restrictions as a means of managing exposure to fair value losses in this pool arising from increasing interest rates.

#### **Other Risks of Investing**

Other risks of investing can include concentration of credit risk, custodial credit risk, and foreign currency risk. None of the Consolidated Fund's investment pools or accounts is exposed to these risks as described below.

Concentration of credit risk is the risk of loss attributed to the magnitude of a Consolidated Fund pool or account's investment in a single corporate issuer. The BTI investment policy prohibits those pools and accounts permitted to hold corporate securities from investing more than 5% of their assets in any one corporate name or one corporate issue.

The custodial credit risk for investments is the risk that, in the event of the failure of the counterparty to a transaction, the BTI will not be able to recover the value of investment or collateral securities that are in the possession of an outside party. Repurchase agreements are required to be collateralized by at least 102% of their value, and the collateral is held in the name of the BTI. The BTI or its agent does not release cash or securities until the counterparty delivers its side of the transaction.

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or a deposit. None of the Consolidated Fund's investment pools or accounts holds interests in foreign currency or interests valued in foreign currency.

#### Deposits

Custodial credit risk of deposits is the risk that in the event of failure of a depository financial institution, a government will not be able to recover deposits or will not be able to recover collateral securities that are in the possession of an outside party. Deposits include nonnegotiable certificates of deposit. The WV Bank Pool contains nonnegotiable certificates of deposit valued at \$116,000,000. The Reserve Pool contains funds totaling approximately \$18,712,000 in a bank depository account. The BTI does not have a deposit policy for custodial credit risk.

## 5. Capital Assets

	June 30, 2014	Increases	Decreases	June 30, 2015
Equipment, at cost	\$ 17	\$ -	\$ -	\$ 17
Accumulated depreciation	(14)	(2)	-	(16)
Equipment, net of accumulated depreciation	\$ 3	\$ (2)	\$ -	\$ 1

Capital asset activity in the proprietary fund was as follows (in thousands):

## 6. Related Party Transactions

#### **Intergovernmental Investments**

The BTI is required by law to enter into certain investment transactions with other state entities. At June 30, 2015, the BTI's intergovernmental investments, which are assets of the Loan Pool, included the following:

- a. The "WVEDA Revolving Loan" is an obligation of the West Virginia Economic Development Authority (WVEDA). The terms of the loan program require the BTI to make available on a revolving basis up to \$175,000,000 for the WVEDA to use to fund economic development initiatives. The interest rate is reset on July 1 of each year and is based on the twelve month return of the WV Money Market Pool. The rate for the year ending June 30, 2015, was 0.18%. The rate has a 1% annual adjustment cap. The WVEDA makes monthly principal and interest payments calculated on a 120-month amortization of the outstanding balance. At June 30, 2015, the outstanding balance was \$122,966,532.
- The "WVEDA Non-recourse Loan" represents an obligation of the WVEDA. The BTI assumed b. the loan as of July 8, 2005. The loan was originally entered into with the West Virginia Investment Management Board on April 9, 2002. The terms of the loan allow for the WVEDA to borrow up to \$25,000,000 from the BTI through June 29, 2012. As of March 2010, the WVEDA had borrowed the maximum amount. The funds borrowed by the WVEDA are to be loaned, without recourse, to the West Virginia Enterprise Advancement Corporation (WVEAC), for investment in the West Virginia Enterprise Capital Fund, to fund certain venture capital initiatives. The loan earns interest at 3%, which is fixed for the term of the loan. The WVEDA is required to make annual principal payments of \$10,000 plus accrued interest for the first ten years. However, in the event the WVEDA has not received any returns from the investment with the WVEAC, these payments may be deferred through June 30, 2012. Beginning June 30, 2013, the WVEDA was expected to make principal and interest payments sufficient to repay all outstanding principal and accrued interest in full by June 30, 2022. On June 24, 2013, the BTI was notified by the WVEDA that the WVEDA had not received monetary returns from its venture capital investments and therefore would be unable to make the scheduled payment on June 30, 2013. At June 30, 2015, \$24,499,784 of principal was outstanding.

Because of the uncertain collectability of this loan, the BTI has elected to recognize income on a cost recovery basis. Any payments received will be applied to reduce the outstanding principal balances until that balance is fully recovered. Any amounts received after recovery of the principal balance will be recognized as interest income when received. Additionally, a valuation reserve of \$22,317,247 has been accrued at June 30, 2015.

# Transactions with State Treasurer's Office

The State Treasurer's Office provides various services to the BTI, some of which are reimbursed by the BTI, and others of which the Treasurer provides at no cost to the BTI. During the year ended June 30, 2015, the BTI reimbursed the Treasurer's Office \$655,000 for services, which includes \$614,000 for management services provided by Treasurer's Office employees. As of June 30, 2015, the BTI had an amount payable to the Treasurer's Office totaling \$54,000, of which \$49,000 was for management services provided by Treasurer's Office totaling the year, the Treasurer's Office provided services valued at approximately \$16,000 at no cost to the BTI.

# 7. Risk Management

The BTI is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; and natural disasters.

Board members are covered by a \$5 million blanket bond and general liability and property coverage of \$1 million per occurrence through the West Virginia State Board of Risk and Insurance Management ("BRIM"). The BTI has obtained additional coverage of \$5 million faithful performance bond through an outside underwriter. There have been no claims since the inception of the BTI.

## 8. Effect of New Accounting Pronouncements

The GASB has issued Statement No. 72, *Fair Value Measurement and Application*, which provides guidance for determining a fair value measurement for financial reporting purposes. This statement also provides guidance for applying fair value to certain investments and disclosures related to all fair value measurements. The provisions of this Statement are effective for financial statements for periods beginning after June 15, 2015. BTI management has not determined the effect, if any, this statement will have on its financial statements.

The GASB has issued three statements relating to accounting and financial reporting for pension and postemployment benefit plans: Statement No. 73, *Accounting and Financial Reporting for Pensions and Related Assets That Are Not within the Scope of GASB Statement* 68, and Amendments to Certain Provisions of GASB Statements 67 and 68; Statement No. 74, *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans*; and Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. The provisions of Statements No. 73 and 74 are effective for financial statements for periods beginning after June 15, 2016, and the provisions of Statement No. 75 are effective for periods beginning after June 15, 2017. Because the BTI has no employees, it does not participate in a pension plan or a postemployment benefit plan and will not be affected by these statements.

The GASB has issued Statement No. 76, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*, which identifies the hierarchy of generally accepted accounting principles used to prepare financial statements of state and local governments. This statement supersedes Statement No. 55, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*. The provisions of this Statement are effective for financial statements for periods beginning after June 15, 2015. BTI management has not determined the effect, if any, this statement will have on its financial statements.

On June 22, 2015, the GASB issued *Exposure Draft—Accounting and Financial Reporting for Certain External Investment Pools*, which proposes revised accounting and financial reporting guidance related to external investment pools and participants in those pools regarding the existing election of reporting investments at amortized cost. These provisions would replace the concept of a "2a7-like" pool. The

exposure draft comment period is available through August 31, 2015, with the current expected date of implementation being applied to reporting periods beginning after June 15, 2015, except for certain portfolio quality provisions and the provisions related to shadow price calculations which would be effective for reporting periods beginning after December 15, 2015. These proposed changes have been considered by management of the BTI and will impact certain policies, practices and disclosures in the BTI's financial statements.

This exposure draft continues to permit qualifying external investment pools to measure pool investments at amortized cost for financial reporting purposes. It establishes specific criteria for those pools and its participants regarding how the external investment pool transacts with participants; the requirements for portfolio maturity, quality, diversification, and liquidity; and the calculation of a shadow price. Reporting under the amortized cost basis reflects investment cost and adjustments made for premiums or discounts associated with the purchase price of the underlying investments in the pool. It establishes additional note disclosure requirements for external investment pools that measure all of their investments at amortized cost for financial reporting purposes and for governments that participate in those pools. These disclosures would include information about limitations or restrictions on participant withdrawals..

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# West Virginia Board of Treasury Investments Combining Statement of Fiduciary Net Position Fiduciary Funds

June 30, 2015

(In Thousands)

	WV Money Market Pool	WV Government Money Market Pool	WV Short Term Bond Pool	WV Bank Pool	Loan Pool
Assets					
Investments:					
At amortized cost	\$ 1,890,464	\$ 248,468	\$-	\$116,066	\$ 125,197
At fair value	-	-	761,526	-	-
Receivables:					
Accrued interest	677	71	1,780	49	18
Dividends	1		1	_	
Total receivables	678	71	1,781	49	18
Total assets	1,891,142	248,539	763,307	116,115	125,215
Liabilities					
Accrued expenses	270	36	203	4	5
Dividends payable	-	-	656	-	-
Investments purchased		-	998	-	-
Total liabilities	270	36	1,857	4	5
Net Position					
Held in trust for investment pool participants	1,890,872	248,503	761,450	116,111	125,210
Held in trust for individual investment account holders	-	-	-	-	-
Total net position	\$ 1,890,872	\$ 248,503	\$ 761,450	\$116,111	\$ 125,210

(Continued)

Reserve Pool	Municipal Bond Commission Account	School Fund Account	Economic Development Authority - American Woodmark Account	Total
\$ 18,712 -	\$ 4,531	\$ - 2,174	\$ - 1,886	\$2,403,438 765,586
- 4 4	34		34	2,663 <u>6</u> 2,669
18,716	4,565	2,174	1,920	3,171,693
	- - - -		- - -	518 656 998 2,172
18,716 - \$ 18,716	4,565 \$ 4,565	2,174 \$ 2,174	1,920 \$ 1,920	3,160,862 8,659 \$3,169,521

# West Virginia Board of Treasury Investments Combining Statement of Changes in Fiduciary Net Position Fiduciary Funds

For the Year Ended June 30, 2015

(In Thousands)

	WV Money Market Pool	WV Government Money Market Pool	WV Short Term Bond Pool	WV Bank Pool	Loan Pool
Additions					
Investment income:					
Interest	\$ 3,681	\$ 492	\$ 9,986	\$ 164	\$ 225
Dividends	1,098	76	351	-	-
Net (amortization) accretion	(457)	(263)	(2,886)	-	-
Provision for uncollectible loans					(822)
Total investment income	4,322	305	7,451	164	(597)
Investment expenses:					
Investment advisor fees	758	97	697	-	-
Custodian bank fees	86	18	29	-	-
Administrative fees	823	106	283	36	48
Total investment expenses	1,667	221	1,009	36	48
Net investment income	2,655	84	6,442	128	(645)
Net realized gain (loss) from investments	10	1	(453)	-	-
Net decrease in fair value of investments			(978)		
Net increase (decrease) in net position from operations	2,665	85	5,011	128	(645)
Participant transaction additions:					
Purchase of pool units by participants	10,313,977	585,221	24,558	122	10,507
Reinvestment of pool distributions	2,665	85	6,396	128	(645)
Contibutions to individual investment accounts		-			-
Total participant transaction additions	10,316,642	585,306	30,954	250	9,862
Total additions	10,319,307	585,391	35,965	378	9,217
Deductions					
Distributions to pool participants:					
Net investment income	2,655	84	6,442	128	(645)
Net realized gain (loss) from investments	10	1	(453)		
Total distributions to pool participants	2,665	85	5,989	128	(645)
Participant transaction deductions:					
Redemption of pool units by participants	10,342,965	575,784	42,126	122	13,916
Withdrawals from individual investment accounts					
Total participant transaction deductions	10,342,965	575,784	42,126	122	13,916
Total deductions	10,345,630	575,869	48,115	250	13,271
Net (decrease) increase in net position from operations	(26,323)	9,522	(12,150)	128	(4,054)
Inter-pool transfers in	6,012	-	-	48,935	-
Inter-pool transfers out	(48,935)	-	-	(6,012)	-
Net inter-pool transfers in (out)	(42,923)	-	-	42,923	-
		0.500	(10.150)	42.051	(1.054)
Change in net position Net position at beginning of period	(69,246)	9,522	(12,150)	43,051	(4,054) 120.264
Net position at beginning of period Net position at end of period	1,960,118 \$1,890,872	238,981 \$ 248,503	773,600 \$761,450	73,060	129,264 \$ 125,210
rec position at the of period	φ1,090,072	φ 240,303	φ /01,430	φ110,111	φ 12 <i>3</i> ,210

(Continued)

	serve 'ool	erve Commission		F	hool und count_	Deve Aut An Wo	onomic clopment hority - nerican odmark ccount		Total
\$	50	\$	304 - (267)	\$	- -	\$	90 - (12)	\$	14,942 1,575 (3,885)
	- 50		37		-		- 78		(822) 11,810
	-		-		-		-		1,552 133
	-		1		<u> </u>		<u> </u>		1,298 2,983
	50		36		-		77		8,827
	-		-		-		- (8)		(442)
							(8)		(986)
	50		36		-		69		7,399
	50 50		- - 1		- - 824		-	10	,934,435 8,679 825
	100		1		824		-	10	,943,939
	150		37		824		69		,951,338
	50		-		-		-		8,714 (442)
	50		-		-		-		8,272
	2,141		20,010		- 6				,977,054 20,105
	2,141		20,010		6		89	10	,997,159
	2,191		20,010		6		89	11	,005,431
	(2,041)		(19,973)		818		(20)		(54,093)
	-		-		-		-		54,947
	-		-		-		-		(54,947)
	-				-		-		-
	(2,041)		(19,973)		818		(20)		(54,093)
2	20,757		24,538		,356		1,940		,223,614
\$ 1	8,716	\$	4,565	\$ 2	2,174	\$	1,920	\$3	,169,521

# West Virginia Board of Treasury Investments Schedule of Investments in Securities June 30, 2015

(In thousands)

#### WEST VIRGINIA MONEY MARKET POOL

SECURITY NAME	% of <u>POOL</u>	COUP	<u>ON</u>	<u>YIELD</u>	<u>MATURITY</u>	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE*</u>
U. S. Treasury Issues								
United States Treasury		0.250 %		0.049 %	07/15/2015	13,000	\$ 13,001	\$ 13,001
United States Treasury		0.250		0.036	07/31/2015	45,000	45,008	45,004
United States Treasury		1.750		0.093	07/31/2015	35,000	35,048	35,049
United States Treasury		0.250		0.092	08/15/2015	27,500	27,505	27,502
United States Treasury		1.250		0.112	08/31/2015	15,000	15,028	15,029
United States Treasury		0.250		0.039	09/15/2015	25,000	25,011	25,008
United States Treasury		0.250		0.176	12/15/2015	10,000	10,004	10,006
United States Treasury		0.380		0.154	01/15/2016	20,000	20,024	20,028
United States Treasury		0.380		0.179	01/31/2016	15,000	15,017	15,020
United States Treasury		3.250		0.355	06/30/2016	4,000	4,115	4,115
United States Treasury		0.068	F	0.073	10/31/2016	20,000	19,999	20,000
Total U.S. Treasury Issues	12.2%						229,760	229,762
U. S. Government Agency Bonds								
Federal National Mortgage Assn		0.500		0.154	07/02/2015	8,000	8,000	8,000
Federal Home Loan Mort Corp		0.300		0.154	07/08/2015	5,500	5,500	5,500
Federal Home Loan Bank		0.190		0.203	09/01/2015	15,000	15,000	15,001
Federal Farm Credit Bank		0.167	F	0.167	09/24/2015	10,000	10,000	10,001
Federal Home Loan Bank		0.157	F	0.157	10/21/2015	5,000	5,000	5,000
Federal Farm Credit Bank		0.147	F	0.145	11/02/2015	5,000	5,000	5,000
Federal Farm Credit Bank		0.152	F	0.157	12/30/2015	5,000	5,000	5,001
Federal Home Loan Bank		0.310		0.310	01/06/2016	5,000	5,000	5,000
Federal Home Loan Bank		0.210		0.245	02/08/2016	9,000	8,998	8,997
Federal Farm Credit Bank		0.158	F	0.174	07/06/2016	5,000	4,999	5,001
Federal Farm Credit Bank		0.186	F	0.201	11/29/2016	5,000	4,999	5,002
Federal Farm Credit Bank		0.188	F	0.217	12/19/2016	4,500	4,498	4,502
Total U.S. Government Agency Bonds	4.3%						81,994	82,005
Corporate Bonds								
National Bank Canada NY		0.288	F	0.288	01/08/2016	10,000	10,000	10,000
Royal Bank of Canada		0.374	F	0.361	08/05/2016	10,000	10,000	9,999
Svenska Handelsbanken AB		0.376	F	0.375	08/26/2016	10,000	10,000	9,997
Total Corporate Bonds	1.6%						30,000	29,996
Short Term Issues								
Swedbank NY		0.100		0.100	07/01/2015	15,000	15,000	15,000
Goldman, Sachs & Co		0.110		0.110	07/01/2015	11,200	11,200	11,200
Merrill Lynch PFS Inc		0.120		0.120	07/01/2015	1,323	1,323	1,323
BNP Paribas NY Branch		0.000		0.030	07/01/2015	25,000	25,000	25,000
Credit Agricole CIB NY		0.000		0.061	07/01/2015	25,000	25,000	25,000
Toronto Dominion Bank		0.240		0.200	07/06/2015	15,000	15,000	15,000

(Continued on Next Page)

F-Floating rate note security.

- \* The fair value is not determined for loans. The fair value reported equals amortized cost.
- \*\* Rate represents last business day of the month.

# West Virginia Board of Treasury Investments Schedule of Investments in Securities (Continued) June 30, 2015

(In thousands)

WE	ST VIRGINIA	MONEY M	ARKET PO	OL (Continue	d)		
SECURITY NAME	% of POOL	<u>COUPON</u>	<u>YIELD</u>	<u>MATURITY</u>	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE*</u>
Bank of Tokyo-Mitsubishi UFJ		0.240	0.240	07/06/2015	20,000	20,000	20,000
American Honda Finance		0.000	0.122	07/06/2015	10,000	10,000	10,000
BNP Paribas NY Branch		0.000	0.183	07/06/2015	35,000	34,999	34,999
PNC Bank NA		0.000	0.305	07/06/2015	9,000	9,000	9,000
ABN AMRO Funding USA LLC		0.000	0.254	07/06/2015	18,500	18,499	18,499
Manhattan Asset Funding		0.000	0.203	07/06/2015	10,000	10,000	10,000
Nieuw Amrsterdam Rec		0.000	0.152	07/06/2015	10,000	10,000	10,000
Skandivaniska Enskilda Bank		0.000	0.244	07/06/2015	12,000	12,000	12,000
Societe Generale		0.000	0.162	07/06/2015	20,000	20,000	20,000
Fairway Finance Corp		0.000	0.203	07/07/2015	15,000	14,999	14,999
Liberty Street Funding LLC		0.000	0.172	07/07/2015	8,000	8,000	8,000
LMA Americas LLC		0.000	0.172	07/07/2015	20,000	19,999	19,999
Victory Receivables Corp		0.000	0.183	07/07/2015	13,000	13,000	13,000
Caisse Centrale Desjardn UDS		0.000	0.183	07/08/2015	20,000	19,999	19,999
Mitsubishi UFJ Trust and Banki		0.000	0.243	07/08/2015	10,000	10,000	10,000
Atlantic Asset Securities Corp		0.000	0.162	07/09/2015	13,000	13,000	13,000
Sumitomo Mitsui Banking Corp		0.000	0.254	07/09/2015	8,000	8,000	8,000
State Street Corp		0.000	0.203	07/10/2015	15,000	14,999	14,999
Working Capital Management Co		0.000	0.203	07/10/2015	29,000	28,999	28,999
Credit Agricole CIB NY		0.000	0.152	07/13/2015	28,000	27,999	27,999
Natixis NY Branch		0.000	0.132	07/13/2015	20,000	19,999	19,999
Barton Capital Corp		0.000	0.162	07/13/2015	18,000	17,999	17,999
National Australia Funding		0.000	0.142	07/13/2015	20,000	19,999	19,999
Gotham Funding Corp		0.000	0.172	07/14/2015	8,000	8,000	8,000
Nordea Bank AB		0.000	0.183	07/14/2015	15,000	14,999	14,999
Albion Capital Corp		0.000	0.213	07/15/2015	8,000	7,999	7,999
Federal Home Loan Bank		0.000	0.152	07/15/2015	20,000	19,999	19,999
Albion Capital Corp		0.000	0.213	07/16/2015	20,000	19,998	19,998
Regency Markets No 1		0.000	0.172	07/16/2015	16,622	16,621	16,621
Mizuho Bank LTD/NY		0.260	0.260	07/17/2015	10,000	10,000	10,000
Federal Home Loan Bank		0.000	0.085	07/22/2015	33,000	32,998	32,998
BMO Harris Bank NA		0.300	0.300	07/23/2015	10,000	10,000	10,000
United States Treasury		0.000	0.046	07/23/2015	20,000	19,999	19,999
Federal Home Loan Bank		0.000	0.064	07/24/2015	35,000	34,999	34,999
LMA Americas LLC		0.000	0.172	07/27/2015	10,000	9,999	9,999
United States Treasury		0.000	0.076	07/30/2015	10,000	9,999	9,999
Alpine Securitization		0.000	0.233	08/03/2015	30,000	29,994	29,994
Gotham Funding Corp		0.000	0.203	08/03/2015	20,000	19,996	19,996
Sumitomo Mitsui Banking Corp		0.000	0.243	08/03/2015	10,000	9,998	9,998
Federal National Mortgage Assn		0.000	0.162	08/03/2015	10,000	9,999	9,999
Victory Receivables Corp		0.000	0.172	08/04/2015	25,000	24,996	24,996
Federal Home Loan Bank		0.000	0.094	08/05/2015	30,000	29,997	29,997
Oversea-Chinese Banking Corp		0.000	0.203	08/06/2015	10,000	9,998	9,998
Westpac Banking Corp		0.180	0.180	08/07/2015	8,000	8,000	8,000
Working Capital Management Co		0.000	0.203	08/07/2015	20,000	19,996	19,996
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(Continued on Next Page)

F-Floating rate note security.

- \* The fair value is not determined for loans. The fair value reported equals amortized cost.
- \*\* Rate represents last business day of the month.

# West Virginia Board of Treasury Investments Schedule of Investments in Securities (Continued) June 30, 2015

(In thousands)

WEST VI	RGINIA	MONEY	MA	RKET PC	OL (Continue	<b>d</b> )		
	% of						AMORTIZED	FAIR
SECURITY NAME	POOL	<u>COUPO</u>	N	<b>YIELD</b>	MATURITY	<u>UNITS</u>	COST	VALUE*
Victory Receivables Corp		0.000		0.193	08/10/2015	15,000	14,997	14,997
Federal Home Loan Bank		0.000		0.069	08/12/2015	18,400	18,398	18,399
Bank of Nova Scotia		0.000		0.147	08/13/2015	25,000	24,996	24,996
Federal Home Loan Bank		0.000		0.071	08/14/2015	10,000	9,999	9,999
Manhattan Asset Funding		0.000		0.203	08/17/2015	10,000	9,997	9,997
Old Line Funding Corp		0.000		0.183	08/18/2015	12,882	12,879	12,879
DSB Bank LTD		0.000		0.193	08/19/2015	12,000	11,997	11,997
Old Line Funding Corp		0.000		0.172	08/20/2015	30,127	30,120	30,120
Federal Home Loan Mort Corp		0.000		0.120	08/28/2015	15,000	14,997	14,997
Mizuho Bank LTD/NY		0.250		0.250	09/01/2015	18,000	18,000	18,001
Federal Home Loan Mort Corp		0.000		0.132	09/01/2015	15,000	14,997	14,998
Nordea Bank AB		0.000		0.208	09/02/2015	20,000	19,993	19,994
Federal Home Loan Bank		0.000		0.087	09/02/2015	15,000	14,998	14,998
United States Treasury		0.000		0.079	09/03/2015	10,000	9,998	10,000
Old Line Funding Corp		0.000		0.244	09/03/2015	15,000	14,993	14,995
Thunder Bay Funding LLC		0.000		0.223	09/03/2015	8,000	7,997	7,997
Natixis NY Branch		0.255	F	0.253	09/03/2015	15,000	15,000	15,000
Oversea-Chinese Banking Corp		0.210		0.210	09/08/2015	8,000	8,000	8,000
Federal Home Loan Bank		0.000		0.091	09/11/2015	18,100	18,097	18,098
Federal Home Loan Bank		0.000		0.091	09/18/2015	34,900	34,893	34,895
Oversea-Chinese Banking Corp		0.000		0.233	09/24/2015	2,800	2,798	2,799
Liberty Street Funding LLC		0.000		0.254	09/28/2015	11,000	10,993	10,993
General Electric Capital Corp		0.000		0.356	10/02/2015	10,000	9,991	9,996
BMO Harris Bank NA		0.310		0.310	10/08/2015	10,000	10,000	10,004
Rabobank Nederland NV		0.300		0.295	10/13/2015	10,000	10,000	10,000
Federal Home Loan Mort Corp		0.000		0.152	10/19/2015	3,000	2,998	2,999
JP Morgan Chase Bank		0.320		0.320	10/28/2015	10,000	10,000	10,004
Federal National Mortgage Assn		0.000		0.117	11/02/2015	26,000	25,990	25,990
Chariot Funding LLC		0.000		0.305	11/09/2015	8,000	7,991	7,991
Nordea Bank AB		0.000		0.320	11/12/2015	7,000	6,992	6,992
ANZ Banking Group		0.276	F	0.275	11/13/2015	12,000	12,000	12,000
Federal Home Loan Mort Corp		0.000		0.203	11/16/2015	7,000	6,994	6,997
United States Treasury		0.000		0.079	11/27/2015	10,000	9,997	9,999
Jupiter Securitization Co LLC		0.000		0.335	12/01/2015	8,000	7,989	7,986
Credit Suisse New York		0.228	F	0.225	12/04/2015	15,000	15,000	14,999
HSBC Bank USA NA		0.400		0.400	12/07/2015	10,000	10,000	10,001
Federal Home Loan Bank		0.000		0.181	12/18/2015	14,000	13,988	13,991
United States Treasury		0.000		0.080	12/24/2015	20,000	19,992	19,992
National Australia Bank LTD		0.000		0.422	01/08/2016	10,000	9,978	9,978
Barton Capital LLC		0.255	F	0.255	01/08/2016	10,000	10,000	9,999
Jupiter Securitization Co LLC		0.000		0.508	01/20/2016	6,000	5,983	5,984
United States Treasury		0.000		0.209	02/04/2016	22,100	22,072	22,073
Toronto Dominion Bank NY		0.520		0.520	02/23/2016	10,000	10,000	10,004
Canadian Imperial Bank		0.398	F	0.327	03/11/2016	10,000	10,005	9,999
Westpac Banking Corp		0.308	F	0.305	04/04/2016	10,000	10,000	9,999
Bank of Nova Scotia		0.408	F	0.408	07/29/2016	9,000	9,000	9,001
UBS Select		0.090 **				90,000	90,000	90,000
Dreyfus Cash Management		0.040 **				17	17	17
Total Short Term Issues	81.9%						1,548,710	1,548,740
Total Money Market Pool	100.0%						\$ 1,890,464	\$1,890,503
TOTAL MURCY MAINET LOUI	100.070						φ 1,070,404	φ1,070,303

F - Floating rate note security.
\* The fair value is not determined for loans. The fair value reported equals amortized cost.

\*\* Rate represents last business day of the month.

## West Virginia Board of Treasury Investments Schedule of Investments in Securities (Continued) June 30, 2015 (In thousands)

#### WEST VIRGINIA GOVERNMENT MONEY MARKET POOL

SECURITY NAME	% of <u>POOL</u>	COUP	<u>'ON</u>	<u>YIELD</u>	<u>MATURITY</u>	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE*</u>
U. S. Treasury Issues								
United States Treasury		0.250 %		0.049 %	07/15/2015	3,000	\$ 3,000	\$ 3,000
United States Treasury		0.250		0.043	07/31/2015	5,000	5,001	5,000
United States Treasury		1.750		0.049	07/31/2015	5,000	5,007	5,007
United States Treasury		0.250		0.084	08/15/2015	5,000	5,001	5,000
United States Treasury		0.250		0.106	12/15/2015	4,000	4,003	4,003
United States Treasury		0.380		0.166	01/15/2016	3,000	3,003	3,004
United States Treasury		0.380		0.179	01/31/2016	4,000	4,004	4,005
United States Treasury		0.068	F	0.073	10/31/2016	5,000	5,000	5,000
Total U. S. Treasury Issues	13.7%						34,019	34,019
U. S. Government Agency Bonds								
Federal National Mortgage Assn		0.500		0.198	07/02/2015	3,000	3,000	
Federal Home Loan Bank		0.130		0.163	08/28/2015	3,000	3,000	3,000
Total U.S. Government Agency Bonds	2.4%						6,000	6,000
Short Term Issues								
Goldman, Sachs & Co		0.110		0.110	07/01/2015	44,100	44,100	44,100
Federal Home Loan Bank		0.000		0.086	07/06/2015	6,000	6,000	6,000
Federal Farm Credit Bank		0.000		0.030	07/09/2015	5,000	5,000	5,000
Federal Home Loan Mort Corp		0.000		0.112	07/10/2015	6,000	6,000	6,000
Federal Home Loan Mort Corp		0.000		0.086	07/14/2015	2,115	2,115	2,115
Federal Home Loan Mort Corp		0.000		0.101	07/21/2015	3,000	3,000	3,000
Federal National Mortgage Assn		0.000		0.091	07/22/2015	5,000	5,000	5,000
Federal Home Loan Bank		0.000		0.086	07/23/2015	5,000	5,000	5,000
Federal Home Loan Bank		0.000		0.081	07/29/2015	3,000	3,000	3,000
Federal Home Loan Bank		0.000		0.066	07/31/2015	3,200	3,200	3,200
Federal National Mortgage Assn		0.000		0.051	08/03/2015	4,000	4,000	4,000
Federal Home Loan Bank		0.000		0.100	08/05/2015	9,000	8,999	8,999
Federal Home Loan Bank		0.000		0.081	08/07/2015	7,100	7,099	7,099
Federal Home Loan Mort Corp		0.000		0.122	08/07/2015	3,889	3,889	3,889
Federal Home Loan Bank		0.000		0.091	08/10/2015	5,000	4,999	4,999
Federal Home Loan Bank		0.000		0.142	08/12/2015	2,200	2,200	2,200
Federal Home Loan Mort Corp		0.000		0.122	08/14/2015	3,000	3,000	3,000
Federal Home Loan Bank		0.000		0.079	08/19/2015	9,000	8,999	8,999
United States Treasury		0.000		0.104	08/20/2015	3,000	3,000	3,000
Federal Home Loan Bank		0.000		0.092	08/21/2015	7,700	7,699	7,699
Federal Home Loan Mort Corp		0.000		0.061	08/21/2015	5,000	5,000	5,000
Federal Home Loan Mort Corp		0.000		0.086	08/25/2015	4,750	4,749	4,749
Federal Home Loan Bank		0.000		0.086	09/02/2015	3,000	3,000	3,000
Federal Home Loan Mort Corp		0.000		0.096	09/02/2015	3,300	3,299	3,299
Federal Home Loan Bank		0.000		0.106	09/04/2015	5,000	4,999	4,999
Federal Home Loan Bank		0.000		0.112	09/09/2015	4,000	3,999	4,000

(Continued on Next Page)

F-Floating rate note security.

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\*\* Rate represents last business day of the month.

# West Virginia Board of Treasury Investments Schedule of Investments in Securities (Continued) June 30, 2015

(In thousands)

WEST VIRGINIA GOVERNMENT MONEY MARKET POOL (Continued)											
SECURITY NAME	% of <u>POOL</u>	<u>COUPON</u>	<u>YIELD</u>	<u>MATURITY</u>	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE*</u>				
Federal Home Loan Mort Corp		0.000	0.076	09/09/2015	4,000	3,999	4,000				
Federal Home Loan Mort Corp		0.000	0.101	09/11/2015	4,000	3,999	4,000				
Federal Home Loan Mort Corp		0.000	0.098	09/14/2015	9,000	8,998	8,999				
Federal Home Loan Mort Corp		0.000	0.142	09/21/2015	4,000	3,999	3,999				
Federal Home Loan Mort Corp		0.000	0.091	09/22/2015	2,300	2,300	2,300				
Federal Home Loan Bank		0.000	0.101	09/25/2015	5,000	4,999	4,999				
Federal Home Loan Mort Corp		0.000	0.147	10/09/2015	5,000	4,998	4,998				
Federal Home Loan Bank		0.000	0.132	11/06/2015	1,900	1,899	1,899				
Federal Home Loan Bank		0.000	0.155	11/13/2015	2,865	2,863	2,864				
United States Treasury		0.000	0.079	11/27/2015	3,000	2,999	3,000				
United States Treasury		0.000	0.210	02/04/2016	6,000	5,992	5,992				
Dreyfus Cash Management		0.010 **			59	59	59				
Total Short Term Issues	83.9%					208,449	208,455				
Total Government Money Market Pool	100.0%					\$ 248,468	\$ 248,474				

#### WEST VIRGINIA SHORT TERM BOND POOL

SECURITY NAME	% of <u>POOL</u>	<u>COUPO</u>	<u>N</u>	<u>YIELD</u>	<u>MATURITY</u>	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE*</u>
U. S. Agency Issues								
Federal Home Loan Mort Corp		0.436 %	F	0.528 %	03/15/2021	149	\$ 149	\$ 149
Federal Home Loan Mort Corp		0.436	F	0.526	06/15/2021	229	229	230
Federal Home Loan Mort Corp		0.686	F	0.682	04/15/2027	288	288	291
Federal Home Loan Mort Corp		0.686	F	0.683	04/15/2028	337	337	342
Federal Home Loan Mort Corp		0.386	F	0.451	10/15/2028	571	569	573
Federal Home Loan Mort Corp		0.536	F	0.578	04/15/2029	428	426	431
Federal Home Loan Mort Corp		0.386	F	0.438	05/15/2030	1,023	1,020	1,026
Federal Home Loan Mort Corp		0.786	F	0.773	08/15/2030	157	157	160
Federal Home Loan Mort Corp		0.686	F	0.735	09/15/2030	80	80	81
Federal Home Loan Mort Corp		0.436	F	0.490	09/15/2030	232	231	233
Federal Home Loan Mort Corp		0.486	F	0.536	04/15/2031	553	551	557
Federal Home Loan Mort Corp		0.586	F	0.583	06/15/2031	203	203	205
Federal Home Loan Mort Corp		0.586	F	0.586	07/15/2031	116	116	117
Federal Home Loan Mort Corp		0.586	F	0.583	09/15/2031	777	777	784
Federal National Mortgage Assn		0.487	F	0.496	09/25/2031	607	606	611
Federal Home Loan Mort Corp		0.636	F	0.633	11/15/2031	664	664	671
Federal Home Loan Mort Corp		0.636	F	0.633	12/15/2031	191	191	193
Federal Home Loan Mort Corp		0.636	F	0.633	12/15/2031	256	256	259
Federal Home Loan Mort Corp		0.736	F	0.734	02/15/2032	286	286	290
Federal National Mortgage Assn		0.537	F	0.541	02/25/2032	1,253	1,253	1,263

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 $F-Floating \ rate \ note \ security.$ 

\* The fair value is not determined for loans. The fair value reported equals amortized cost.

\*\* Rate represents last business day of the month.

# West Virginia Board of Treasury Investments Schedule of Investments in Securities (Continued) June 30, 2015

(In thousands)

WEST VIRGINIA SHORT TERM BOND POOL (Continued)								
SECURITY NAME	% of POOL	COUP	<u>ON</u>	<u>YIELD</u>	<u>MATURITY</u>	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE*</u>
Federal Home Loan Mort Corp		0.636	F	0.633	03/15/2032	235	235	238
Federal Home Loan Mort Corp		0.686	F	0.683	03/15/2032	234	234	237
Federal Home Loan Mort Corp		0.686	F	0.683	03/15/2032	671	671	680
Federal Home Loan Mort Corp		0.686	F	0.683	04/15/2032	353	353	358
Federal Home Loan Mort Corp		0.686	F	0.683	07/15/2032	651	651	659
Federal National Mortgage Assn		0.535	F	0.539	08/17/2032	743	743	748
Federal Home Loan Mort Corp		0.586	F	0.583	10/15/2032	453	453	457
Federal Home Loan Mort Corp		0.636	F	0.633	11/15/2032	227	227	230
Federal Home Loan Mort Corp		0.586	F	0.583	01/15/2033	360	360	363
Federal Home Loan Mort Corp		0.586	F	0.583	01/15/2033	1,293	1,294	1,306
Federal Home Loan Mort Corp		0.586	F	0.583	02/15/2033	812	812	820
Federal National Mortgage Assn		0.587	F	0.582	03/25/2033	103	103	103
Federal Home Loan Mort Corp		0.636	F	0.645	06/15/2034	441	441	446
Federal Home Loan Mort Corp		0.486	F	0.558	09/15/2035	433	431	434
Federal National Mortgage Assn		0.437	F	0.760	03/25/2036	812	812	807
Government National Mort Assn		0.582	F	0.630	12/20/2060	3,749	3,715	3,749
Government National Mort Assn		0.682	F	0.681	06/20/2062	4,263	4,269	4,280
Government National Mort Assn		0.582	F	0.598	03/20/2063	4,057	4,047	4,055
Government National Mort Assn		0.632	F	0.639	04/30/2063	3,754	3,753	3,762
Total U.S. Agency Issues	4.2%						31,993	32,198
Corporate Issues								
Corporate Bonds								
General Electric Capital Corp		1.630		1.106	07/02/2015	2,000	2,000	2,000
Enterprise Products Oper		1.250		0.682	08/13/2015	2,000	2,001	2,001
National Rural Utilities		3.880		0.613	09/16/2015	5,000	5,034	5,033
American Honda Finance		2.500		1.594	09/21/2015	1,150	1,152	1,155
Westpac Banking Corp		1.130		1.222	09/25/2015	4,000	3,999	4,006
JPMorgan Chase & Co		1.100		0.945	10/15/2015	5,000	5,002	5,005
JPMorgan Chase & Co		0.935	F	0.712	10/15/2015	5,000	5,003	5,007
Wells Fargo & Company		0.479	F	1.237	10/28/2015	4,000	3,990	4,001
American Express Centurion		0.880		0.888	11/13/2015	1,000	1,000	1,001
Oracle Corp		5.250		0.743	01/15/2016	5,000	5,121	5,130
PNC Bank		0.589	F	0.476	01/28/2016	5,000	5,003	5,005
Royal Bank of Canada		0.649	F	0.649	03/08/2016	3,850	3,850	3,858
Canadian Natural Resources Ltd		0.657	F	0.657	03/30/2016	555	555	554
Raymond James Financial Inc		4.250		1.114	04/15/2016	1,940	1,988	1,988
General Electric Capital Corp		2.950		1.037	05/09/2016	5,000	5,081	5,098
Nordea Bank AB		0.737	F	0.737	05/13/2016	1,500	1,500	1,505
Wells Fargo Bank NA		5.750		1.057	05/16/2016	5,530	5,755	5,741
New York Life Global FDG		0.627	F	0.628	05/23/2016	3,660	3,660	3,670
American Honda Finance		0.657	F	0.657	05/26/2016	1,750	1,750	1,754
Principal Life Global Fund		0.655	F	0.654	05/27/2016	2,000	2,000	2,004
Bank of Montreal		0.795	F	0.795	07/15/2016	5,000	5,000	5,019
Royal Bank of Canada		0.741	F	0.741	09/09/2016	5,000	5,000	5,016
Verizon Communications		2.500		1.001	09/15/2016	1,370	1,395	1,392
American Honda Finance		0.784	F	0.771	10/07/2016	1,580	1,580	1,586
John Deere Capital Corp		0.566	F	0.566	10/11/2016	2,500	2,500	2,505

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F-Floating rate note security.

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\*\* Rate represents last business day of the month.

(In thousands)

WEST VIRGINIA SHORT TERM BOND POOL (Continued)											
SECURITY NAME	% of <u>POOL</u>	COUP	<u>'ON</u>	<u>YIELD</u>	MATURITY	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE*</u>			
Kroger Co		0.804	F	0.771	10/17/2016	2,000	2,001	2,001			
Morgan Stanley Dean Witter		0.725	F	1.897	10/18/2016	1,500	1,477	1,498			
BP Capital Markets PLC		0.696	F	0.696	11/07/2016	5,000	5,000	4,998			
Citigroup Inc		1.300		1.334	11/15/2016	2,780	2,779	2,778			
Huntington National Bank		1.300		1.052	11/20/2016	2,987	2,997	2,982			
Bear Stearns Co Inc		0.671	F	1.640	11/21/2016	4,000	3,946	3,996			
PRICOA Global Funding 1		1.150		1.175	11/25/2016	1,600	1,599	1,600			
Cox Communications Inc		5.880		1.211	12/01/2016	2,000	2,131	2,123			
National City Bank		0.636	F	1.995	12/15/2016	1,000	980	998			
AutoZone Inc		1.300		1.307	01/13/2017	1,030	1,030	1,032			
SABMiller Holdings Inc		2.450		1.168	01/15/2017	2,000	2,039	2,031			
Manufacturers & Traders Trust		0.653	F	0.653	01/30/2017	4,000	4,000	3,991			
Hyundai Capital America		1.450		1.477	02/06/2017	2,000	1,999	1,994			
Citigroup Inc		5.500		1.521	02/15/2017	2,000	2,127	2,125			
Pepsico Inc		0.950		0.989	02/22/2017	1,100	1,099	1,100			
Actavis Funding SCS		1.850		1.874	03/01/2017	2,000	1,999	2,010			
Daimler Finance NA		0.632	F	0.632	03/10/2017	4,000	4,000	3,998			
Sempra Energy		2.300		1.296	04/01/2017	1,758	1,788	1,784			
Duke Energy Corp		0.664	F	0.651	04/03/2017	1,000	1,000	1,000			
MetLife Global Funding I		0.651	F	0.652	04/10/2017	4,000	4,000	4,013			
National Rural Utilities		0.950		0.982	04/24/2017	3,330	3,328	3,324			
Volkswagon Group America		0.652	F	0.652	05/23/2017	2,000	2,000	2,000			
Fifth Third Bancorp		1.350		1.365	06/01/2017	5,000	4,999	4,985			
Nextera Energy Capital		1.590		1.406	06/01/2017	1,500	1,505	1,503			
Fidelity National Inform		1.450		1.481	06/05/2017	1,015	1,014	1,013			
Kraft Foods Group Inc		2.250		1.547	06/05/2017	2,000	2,027	2,027			
Exelon Corp		1.550		1.585	06/09/2017	1,000	999	1,001			
Verizon Communications		0.681	F	0.681	06/09/2017	585	585	584			
Ford Motor Credit Company		3.000		1.680	06/12/2017	2,000	2,050	2,046			
Australia & NZ Banking Group		0.546	F	0.546	06/13/2017	4,000	4,000	3,990			
Hess Corp		1.300		1.341	06/15/2017	1,200	1,199	1,194			
American Honda Finance		0.447	F	0.445	07/14/2017	1,300	1,300	1,300			
Manufacturers & Traders Trust		0.577	F	0.577	07/25/2017	4,750	4,750	4,721			
Daimler Finance NA		1.380		1.493	08/01/2017	4,000	3,990	3,994			
Weyerhaeuser Company		6.950		1.575	08/01/2017	2,000	2,220	2,201			
PRICOA Global Funding 1		1.350		1.374	08/18/2017	2,000	1,999	1,994			
Lorillard Tobacco Co		2.300		1.482	08/21/2017	2,000	2,034	2,007			
Capital One Bank USA		1.500		1.537	09/05/2017	2,350	2,348	2,340			
American Express Credit		0.581	F	0.581	09/22/2017	1,035	1,035	1,031			
Sysco Corp		1.450		1.463	10/02/2017	1,400	1,400	1,414			
Bayer US Finance LLC		0.564	F	0.551	10/06/2017	4,650	4,650	4,641			
ERAC USA Finance LLC		6.380		1.763	10/15/2017	1,813	2,000	1,993			
Hutch Whampoa Int 14 LTD		1.630		1.704	10/31/2017	2,000	1,996	1,994			
Mississippi State		0.887	F	0.885	11/01/2017	2,000	2,000	2,006			
Duke Energy Progress Inc		0.476	F	0.476	11/20/2017	1,500	1,500	1,496			
Alibaba Group Holding		1.630		1.663	11/28/2017	4,000	3,996	3,996			
AT&T Inc		1.400		1.793	12/01/2017	3,000	2,972	2,980			
Ford Motor Credit Company		0.849	F	0.849	12/06/2017	4,000	4,000	3,971			
Ford Motor Credit Company		0.049	Г	0.049	12/00/2017	4,000	4,000	5,97			

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F - Floating rate note security.
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\*\* Rate represents last business day of the month.

(In thousands)

WEST VIRGINIA SHORT TERM BOND POOL (Continued)											
SECURITY NAME	% of <u>POOL</u>	<u>COUPON</u>		<u>YIELD</u>	<u>MATURITY</u>	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE*</u>			
Carnival Corp		1.880		1.806	12/15/2017	2,000	2,003	2,008			
Intel Corporation		1.350		1.029	12/15/2017	4,000	4,031	3,999			
Becton Dickinson & Company		1.800		1.800	12/15/2017	1,200	1,200	1,200			
Morgan Stanley		1.880		1.911	01/05/2018	2,000	1,998	2,005			
Canadian Natural Resources Ltd		1.750		1.776	01/15/2018	735	735	730			
American Tower Corporation		4.500		2.202	01/15/2018	2,000	2,113	2,116			
JP Morgan Chase & Co		1.177	F	1.177	01/25/2018	1,000	1,000	1,007			
US Bank NA		1.350		1.402	01/26/2018	2,000	1,997	1,999			
Capital One Bank USA		0.959	F	0.959	02/05/2018	2,000	2,000	2,000			
International Business Machs		1.130		1.229	02/06/2018	2,000	1,995	1,987			
MUFG Americas Holding Corp		1.630		1.648	02/09/2018	2,000	1,999	1,992			
Nabors Industries Inc		6.150		2.630	02/15/2018	1,518	1,653	1,639			
Discover Bank		2.000		2.101	02/21/2018	2,000	1,995	1,995			
PNC Bank NA		1.500		1.509	02/23/2018	5,000	4,999	4,984			
Huntington National Bank		1.700		1.748	02/26/2018	2,000	1,998	1,988			
American Honda Finance		1.500		1.546	03/13/2018	2,000	1,998	2,000			
Goldcorp Inc		2.130		1.979	03/15/2018	2,000	2,008	2,005			
Hyundai Capital America		2.000		2.086	03/19/2018	2,000	1,995	2,001			
Zimmer Holdings INC		2.000		2.021	04/01/2018	2,250	2,249	2,251			
RCI Banque SA		3.500		2.687	04/03/2018	2,000	2,043	2,078			
Bank of Montreal		0.884	F	0.874	04/09/2018	5,000	5,000	5,027			
Wal-Mart Stores		1.130	-	1.144	04/11/2018	5,000	4,997	4,981			
Telefonica Emisiones Sau		3.190		2.377	04/27/2018	2,000	2,044	2,054			
Citigroup Inc		0.967	F	0.967	04/27/2018	4,000	4,000	3,988			
Enterprise Products Oper		1.650		1.691	05/07/2018	2,000	1,998	1,998			
BP Capital Markets PLC		0.789	F	0.677	05/10/2018	5,000	5,016	4,983			
Grupo Televisa SA		6.000		2.810	05/15/2018	2,629	2,859	2,905			
HSBC Bank		0.914	F	0.823	05/15/2018	5,000	5,013	5,021			
Bank of New York Mellon		1.600	•	1.603	05/22/2018	1,425	1,425	1,424			
Reynolds American Inc		7.750		2.086	06/01/2018	2,000	2,319	2,309			
Wisconsin Energy Corporation		1.650		1.669	06/15/2018	2,000	1,999	2,001			
Heinz HJ Company		2.000		2.069	07/02/2018	1,000	998	1,000			
Westpac Banking Corp		1.018	F	1.018	07/30/2018	2,000	2,000	2,007			
Shell International Fin		1.900	•	1.278	08/10/2018	4,000	4,076	4,039			
Viacom INC		2.500		2.090	09/01/2018	2,000	2,025	2,021			
HSBC Bank USA Inc		1.162	F	1.162	09/24/2018	5,000	5,000	5,020			
Principal Life Global Fund		2.250		2.297	10/15/2018	2,750	2,746	2,800			
AbbVie Inc		2.000		1.798	11/06/2018	2,000	2,013	2,000			
Goldman Sachs		1.374	F	1.326	11/15/2018	8,500	8,514	8,575			
Coca-Cola Femsa SAB		2.380		2.403	11/26/2018	3,000	2,997	3,042			
New York Life Global FDG		2.380		2.403	01/02/2019	4,000	3,997	4,019			
Bank of America Corp		1.315	F	1.315	01/15/2019	4,000	4,000	4,019			
Oracle Corporation		0.855	F	0.855	01/15/2019	4,000	4,000	4,030			
Petroleos Mexicanos		3.130	1	3.125	01/23/2019	300	4,450	303			
Morgan Stanley Dean Witter		1.128	F	1.127	01/24/2019	4,000	4,000	3,999			
BB&T Corporation		0.938	F	0.938	02/01/2019	4,000	4,000	3,999			
bba i Corporation		0.930	Г	0.936	02/01/2019	4,000	4,000	5,997			

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F-Floating rate note security.

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(In thousands)

WEST VIRGINIA SHORT TERM BOND POOL (Continued)											
SECURITY NAME	% of <u>POOL</u>	COUP	<u>'ON</u>	YIELD	MATURITY	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE*</u>			
Mondelez International		0.798	F	0.798	02/01/2019	2,000	2,000	1,978			
Fifth Third Bancorp		2.300		2.330	03/01/2019	625	624	626			
Cisco Systems Inc		0.783	F	0.783	03/01/2019	2,350	2,350	2,359			
Nissan Motor Acceptance		2.350		2.360	03/04/2019	2,000	1,999	2,016			
Huntington National Bank		2.200		2.233	04/01/2019	1,480	1,478	1,471			
Bank of America Corp		1.154	F	1.144	04/01/2019	3,950	3,950	3,957			
MassMutual Global Funding		2.350		2.373	04/09/2019	4,000	3,997	4,041			
NBC Universal Enterprise		1.970		1.674	04/15/2019	2,000	2,022	1,986			
Capital One Financial Corp		2.450		2.466	04/24/2019	3,000	2,998	3,000			
Union Bank NA		2.250		2.298	05/06/2019	615	614	616			
Apple Computer Inc		0.580	F	0.580	05/06/2019	5,000	5,000	5,013			
Comerica Inc		2.130		2.125	05/23/2019	850	850	844			
Ryder System Inc		2.550		2.575	06/01/2019	2,100	2,098	2,104			
Penske Truck Leasing		2.500		2.503	06/15/2019	2,000	1,999	1,981			
Norfolk Southern Corp		5.900		2.147	06/15/2019	2,000	2,283	2,270			
Verizon Communications		1.053	F	1.053	06/17/2019	2,000	2,000	1,987			
American International Grp Inc		2.300		2.343	07/16/2019	4,000	3,993	3,993			
Citigroup Inc		2.500		2.513	07/29/2019	5,000	4,997	5,007			
CBS Corp		2.300		2.365	08/15/2019	3,000	2,992	2,965			
Tyson Foods Inc		2.650		2.664	08/15/2019	1,000	999	1,007			
Bank of New York Mellon		0.766	F	0.765	09/11/2019	2,100	2,100	2,098			
Brit Sky Broadcasting		2.630		2.657	09/16/2019	885	884	879			
ERAC USA Finance LLC		2.350	_	2.380	10/15/2019	2,000	1,998	1,987			
US Bank NA		0.759	F	0.759	10/28/2019	4,000	4,000	3,999			
Associated Banc-Corp		2.750	-	2.779	11/15/2019	1,405	1,403	1,407			
General Motors Financial Co		1.835	F	1.835	01/15/2020	500	500	500			
National Rural Utilities		2.000		2.044	01/27/2020	1,975	1,971	1,946			
Union Pacific Corp		1.800		1.843	02/01/2020	1,700	1,697	1,677			
Caterpillar Financial Services		2.000		1.716	03/05/2020	4,000	4,051	3,953			
AFLAC Inc		2.400		2.406	03/16/2020	2,000	1,999	2,015			
Marathon Oil Corp		2.700	F	2.747	06/01/2020	1,200	1,197	1,190			
AT&T Inc		1.212	F	1.208	06/30/2020	2,100	2,100	2,108			
Total U. S. Corporate Bonds	52.5%						399,744	399,819			
Corporate Asset Backed Issues											
MMAF Equipment Finance LLC		0.690		0.699	05/09/2016	132	132	132			
World Omni Auto Lease Securiti		0.506	F	0.506	05/16/2016	753	753	753			
Capital Auto Receivables		0.680		0.683	05/20/2016	317	317	317			
Smart Trust		0.636	F	0.636	09/14/2016	744	744	744			
Ford Credit Auto Lease Trust		0.960		0.961	10/17/2016	1,190	1,190	1,192			
Americredit Automobile Rec		0.650		0.656	03/08/2017	98	98	98			
Smart Trust		0.736	F	0.318	03/14/2017	825	825	825			
Great American Leasing Rec		1.660		0.882	04/17/2017	1,727	1,740	1,732			
Master Credit Card Trust		0.780		1.007	04/21/2017	5,000	4,990	5,002			
Ally Auto Receivables Trust		0.900		0.912	05/22/2017	1,700	1,700	1,701			
Americredit Automobile Rec		0.620		0.627	06/08/2017	79	79	79			
Great American Leasing Rec		1.120		1.126	06/20/2017	3,000	3,000	3,005			
BMW Vehicle Lease Trust		0.990		0.993	08/21/2017	1,300	1,300	1,302			
Santander Drive Auto Rec Trust		0.700		0.702	09/15/2017	1,190	1,190	1,190			

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F - Floating rate note security.
\* The fair value is not determined for loans. The fair value reported equals amortized cost.

\*\* Rate represents last business day of the month.

(In thousands)

	0/ - 6						MODTIZED	EAD
SECURITY NAME	% of <u>POOL</u>	COUP	<u>ON</u>	<u>YIELD</u>	MATURITY	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE</u>
Hyundai Auto Lease Sec		1.010		1.017	09/15/2017	2,000	2,000	2,00
BMW Floorplan Master Owner Tr		0.586	F	0.586	09/15/2017	8,000	8,000	8,00
MMAF Equipment Finance		0.960		0.969	09/18/2017	2,000	2,000	2,00
Santander Drive Auto Rec Trust		1.110		1.117	10/16/2017	967	967	9
GE Dealer Floorplan Master		0.627	F	0.628	10/20/2017	2,500	2,500	2,5
Drive Auto Receivables Trust		1.010		1.015	11/15/2017	2,300	2,300	2,3
Kubota Credit Owner Trust		0.940		0.941	12/15/2017	3,000	3,000	3,0
Volkswagen Auto Lease Trust		1.250		1.257	12/20/2017	4,000	4,000	4,0
Ford Credit Floorplan Master		0.566	F	0.566	01/15/2018	2,950	2,950	2,9
Citibank Credit Card Issuance		0.730		0.734	02/07/2018	2,000	2,000	2,0
PFS Financing Corp		0.736	F	0.747	02/15/2018	3,030	3,030	3,0
Chrysler Capital Auto Rec		0.910		0.916	04/16/2018	908	908	9
SLM Student Loan Trust		0.447	F	0.447	05/25/2018	13	13	
Drive Auto Rec Trust		1.300		1.310	06/15/2018	1,775	1,775	1,7
Ohio Phase-In-Recovery Funding		0.960		0.957	07/02/2018	1,307	1,307	1,3
Santander Drive Auto Rec Trust		0.810		0.837	07/16/2018	4,200	4,198	4,1
Volkswagen Auto Lease Trust		0.990		1.004	07/20/2018	1,250	1,250	1,2
Ford Credit Auto Lease Trust		1.310		1.320	08/15/2018	2,075	2,075	2,0
M&T Bank Auto Receivables Trus		1.570		1.578	08/15/2018	3,000	3,000	3,0
Smart Trust		0.706	F	0.707	09/14/2018	3,000	3,000	3,0
Golden Credit Card Trust		0.616	F	0.616	09/15/2018	4,700	4,700	4,7
Ford Credit Floorplan Master		0.656	F	0.656	09/15/2018	3,000	3,000	3,0
Hyundai Auto Lease Securitizat		1.260		1.270	09/17/2018	3,000	3,000	3,0
GM Financial Leasing Trust		1.530		1.543	09/20/2018	2,575	2,575	2,5
Nissan Auto Lease Trust		0.740		0.983	10/15/2018	3,040	3,028	3,0
Honda Auto Receivables Owner T		1.050		1.056	10/15/2018	4,200	4,200	4,2
Santander Drive Auto Rec Trust		1.550		1.318	10/15/2018	2,570	2,580	2,5
Ari Fleet Lease Trust		1.110		1.119	11/15/2018	1,000	1,000	1,0
JSAA Auto Owner Trust		1.020		0.976	12/17/2018	3,820	3,823	3,8
Americredit Automobile Rec		0.900		0.907	01/08/2019	2,000	2,000	1,9
Ford Credit Floorplan Master		1.920		1.372	01/15/2019	3,637	3,673	3,6
Ally Master Owner Trust		0.656	F	0.656	01/15/2019	2,500	2,500	2,5
Americredit Automobile Rec		0.940		0.943	02/08/2019	2,250	2,250	2,2
Smart Trust		0.736	F	0.737	02/14/2019	3,500	3,500	3,4
Santander Drive Auto Receivabl		1.270		1.280	02/15/2019	2,500	2,500	2,5
PFS Financing Corp		0.786	F	0.787	02/15/2019	3,500	3,500	3,4
Citibank Credit Card Issuance		1.020	•	1.083	02/22/2019	3,000	2,996	2,9
Penarth Master		0.585	F	0.586	03/18/2019	4,100	4,100	4,0
Enterprise Fleet Financing LLC		1.060	•	1.067	03/20/2019	1,999	1,999	2,0
Gracechurch Card PLC		1.036	F	0.448	05/15/2019	5,000	5,058	5,0
Aercedes-Benz Auto Lease Trust		0.760	1	0.767	07/15/2019	1,300	1,300	1,3
CNH Wholesale Master Note Trus			F					
		0.786	F	0.787	08/15/2019	4,000	4,000 4,999	4,0
Hyundai Auto Lease Sec Trust		1.650 0.870		1.661	08/15/2019	5,000		5,0
Enterprise Fleet Financing LLC				0.873	09/20/2019	1,248	1,248	1,2
Santander Drive Auto Rec Trust		1.890		1.588	10/15/2019	2,000	2,013	2,0
Porsche Innovative Lease Owner		0.880	r	0.883	10/22/2019	2,500	2,500	2,5
Navistar Financial Dealer Note		0.937	F	0.939	10/25/2019	3,700	3,700	3,7
Americredit Automobile Rec Tr		1.260		1.266	11/08/2019	1,200	1,200	1,2
CNH Equipment Trust		1.050		1.054	11/15/2019	1,500	1,500	1,4

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F-Floating rate note security.

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\*\* Rate represents last business day of the month.

(In thousands)

WEST VIRGINIA SHORT TERM BOND POOL (Continued)										
	% of						AMORTIZED	FAIR		
SECURITY NAME	POOL	COUP	<u>'ON</u>	<b>YIELD</b>	MATURITY	<u>UNITS</u>	COST	VALUE*		
Mercedes-Benz Auto Lease Trust		0.900		0.905	12/16/2019	1,250	1,250	1,251		
Americredit Auto Receivables		1.270		1.282	01/08/2020	4,000	3,999	3,996		
Golden Credit Card Trust		0.626	F	0.601	02/15/2020	4,000	4,002	4,000		
Chase Issuance Trust		0.506	F	0.506	02/18/2020	4,000	4,000	4,004		
Nissan Auto Lease Trust		1.290		1.296	03/16/2020	2,000	2,000	2,000		
Enterprise Fleet Financing LLC		1.050		1.058	03/20/2020	4,424	4,423	4,424		
PFS Financing Corp		0.806	F	0.807	04/15/2020	2,500	2,500	2,500		
GMF Floorplan Owner Revolving		0.686	F	0.686	05/15/2020	3,000	3,000	3,001		
CNH Equipment		1.160		1.054	06/15/2020	2,851	2,859	2,858		
Bank of America Credit Card Tr		0.516	F	0.516	06/15/2020	3,900	3,900	3,903		
Dell Equipment Finance Trust		0.940		0.946	06/22/2020	2,000	2,000	2,002		
GE Equipment Small Ticket		1.390		1.395	07/24/2020	1,200	1,200	1,206		
Great American Leasing Rec		1.470		1.481	08/15/2020	4,000	3,999	4,005		
Barclays Dryrock Issuance Trus		1.490		1.501	09/15/2020	3,500	3,499	3,509		
Porsche Innovative Lease Owner		1.260		1.265	09/21/2020	1,700	1,700	1,703		
Volvo Financial Equipment LLC		1.300		1.304	11/16/2020	2,000	2,000	1,995		
Ari Fleet Lease Trust		0.486	F	0.515	01/15/2021	436	436	436		
Golden Credit Card Trust		0.636	F	0.636	03/15/2021	2,950	2,950	2,948		
Discover Card Master Trust		0.624	F	0.636	04/15/2021	2,000	2,000	2,005		
ARI Fleet Lease Trust		0.920		0.925	07/15/2021	2,000	2,000	2,001		
Discover Card Master Trust		0.616	F	0.616	07/15/2021	3,000	3,000	3,007		
Macquarie Equipment Funding Tr		1.230		1.234	07/20/2021	4,000	4,000	4,001		
American Express Master Trust		0.556	F	0.556	12/15/2021	5,000	5,000	4,994		
Motor PLC		0.787	F	0.788	01/06/2022	4,250	4,250	4,247		
Capital One Multi Asset Trust		0.554	F	0.566	01/18/2022	2,000	2,000	2,002		
GE Dealer Floorplan Master		0.837	F	0.838	01/20/2022	5,000	5,000	4,971		
SLM Student Loan Trust		1.036	F	1.038	02/15/2022	1,367	1,367	1,371		
Navient Student Loan Trust		0.666	F	0.661	05/16/2022	435	435	435		
Capital One Multi Asset Trust		0.534	F	0.546	06/15/2022	2,600	2,600	2,601		
Motor PLC		0.667	F	0.679	06/15/2022	2,420	2,420	2,423		
SLM Student Loan Trust		0.786	F	0.787	07/15/2022	348	348	349		
ARI Fleet Lease Trust		0.810		0.812	11/15/2022	518	518	518		
SLMA Student Loan Trust		0.936	F	0.937	10/06/2023	653	653	654		
Chesapeake Funding LLC		1.434	F	1.256	04/07/2024	1,873	1,888	1,879		
SLMA Student Loan Trust		1.186	F	1.188	10/15/2024	667	667	669		
Chesapeake Funding LLC		0.604	F	0.605	03/07/2026	4,574	4,574	4,560		
Chesapeake Funding LLC		0.688	F	0.685	02/07/2027	3,000	3,000	2,998		
Hertz Fleet Lease Funding LP		0.585	F	0.586	04/10/2028	3,548	3,548	3,543		
SLMA Student Loan Trust		1.286	F	1.289	06/17/2030	4,000	4,000	4,042		
Equity One ABS Inc		4.150	-	4.253	04/25/2034	338	335	341		
Sequoia Mortgage Trust		2.500		2.540	05/25/2043	4,174	4,153	3,920		
Wells Fargo RBS		1.135	F	1.138	03/15/2044	4,000	4,000	4,025		
Commercial Mortgage Trust		1.340	1	1.345	07/10/2045	2,612	2,612	2,614		
JPMBB Commercial Mortgage Sec		0.836	F	0.837	11/15/2045	4,000	4,000	4,024		
Commercial Mortgage Trust		1.020	1	1.025	06/10/2046	3,369	3,369	3,362		
Wells Fargo Commercial Mortage		1.680		1.677	07/15/2046	4,087	4,087	4,092		
		1.000		1.077	07/10/2040	1,007	1,007	1,072		

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F-Floating rate note security.

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- \*\* Rate represents last business day of the month.

(In thousands)

WEST VIRGINIA SHORT TERM BOND POOL (Continued)											
SECURITY NAME	% of <u>POOL</u>	COUP	<u>'ON</u>	YIELD	MATURITY	<u>UNITS</u>	AMORTIZED COST	FAIR <u>VALUE*</u>			
GS Mortgage Securities Trust		1.510		1.511	09/10/2047	1,545	1,545	1,544			
Commercial Mortgage Trust		1.380		1.385	10/10/2047	2,337	2,337	2,333			
Fosse Master Issuer PLC		1.676	F	1.679	10/18/2054	877	877	880			
Lanark Master Issuer PLC		0.784	F	0.784	12/22/2054	7,449	7,449	7,449			
Silverstone Master		1.826	F	1.830	01/21/2055	833	833	836			
Silverstone Master		0.826	F	0.827	01/21/2070	4,200	4,200	4,211			
Total Corporate Asset Backed Issues	38.8%						295,555	295,497			
Total Corporate Issues	91.3%						695,299	695,316			
Short Term Issues											
Dreyfus Cash Management Institutional Fund		0.040 **				34,012	34,012	34,012			
Total Short Term Issues	4.5%						34,012	34,012			
Total Short Term Bond Pool	100.0%						\$ 761,304	\$ 761,526			

WEST VIRGINIA BANK POOL											
SECURITY NAME	% of <u>POOL</u>	AMORTIZED <u>COUPON YIELD MATURITY UNITS COST</u>			FAIR <u>VALUE*</u>						
Short Term Issues											
Jefferson Security Bank		0.160 %	0.160 %	07/09/2015	5,000	\$ 5,000	\$ 5,000				
Bank of Romney		0.160	0.160	07/09/2015	4,000	4,000	4,000				
WesBanco Bank		0.160	0.160	07/09/2015	3,500	3,500	3,500				
Mountain Valley Bank		0.170	0.165	07/09/2015	2,500	2,500	2,500				
Grant County Bank		0.170	0.170	07/09/2015	2,000	2,000	2,000				
WesBanco Bank		0.170	0.170	07/09/2015	1,500	1,500	1,500				
WesBanco Bank		0.180	0.180	07/09/2015	1,500	1,500	1,500				
Bank of Romney		0.160	0.160	08/13/2015	3,000	3,000	3,000				
Jefferson Security Bank		0.170	0.165	08/13/2015	5,000	5,000	5,000				
WesBanco Bank		0.170	0.170	08/13/2015	10,000	10,000	10,000				
Bank of Romney		0.160	0.160	09/10/2015	2,000	2,000	2,000				
Summit Community Bank		0.160	0.160	09/10/2015	3,000	3,000	3,000				
WesBanco Bank		0.160	0.160	09/10/2015	10,000	10,000	10,000				
Jefferson Security Bank		0.160	0.160	10/15/2015	10,000	10,000	10,000				
Bank of Romney		0.160	0.160	10/15/2015	3,000	3,000	3,000				
WesBanco Bank		0.160	0.160	10/15/2015	7,000	7,000	7,000				
WesBanco Bank		0.170	0.170	10/15/2015	3,000	3,000	3,000				
BB&T - Charleston		0.170	0.170	11/12/2015	7,000	7,000	7,000				
Bank of Romney		0.170	0.170	11/12/2015	3,000	3,000	3,000				
WesBanco Bank		0.170	0.170	11/12/2015	10,000	10,000	10,000				
BB&T - Charleston		0.170	0.170	12/10/2015	5,000	5,000	5,000				
Jefferson Security Bank		0.170	0.170	12/10/2015	5,000	5,000	5,000				
WesBanco Bank		0.180	0.180	12/10/2015	10,000	10,000	10,000				
Dreyfus Cash Management		0.010 **			66	66	66				
Total Short Term Issues	100.0%					116,066	116,066				
Total West Virginia Bank Pool	100.0%					\$ 116,066	\$ 116,066				

F-Floating rate note security.

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\*\* Rate represents last business day of the month.

(In thousands)

LOAN POOL										
SECURITY NAME	% of <u>POOL</u>	<u>COUPON</u>	<u>YIELD</u>	<u>MATURITY</u>	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE*</u>			
Loans and Mortgages										
Intergovernmental Loans										
WVEDA Revolving Loan		0.180 %		12/31/2023	122,966	\$ 122,966	\$ 122,966			
WVEDA Non-Recourse Loan		3.000		06/30/2022	24,500	24,500	24,500			
Total Intergovernmental Loans						147,466	147,466			
Reserve for uncollectable loans					22,317	22,317	22,317			
Loans and Mortgages,										
net of reserve for uncollectable loans	100.0%					125,149	125,149			
Short Term Issues										
		0.010 **			10	10	10			
Dreyfus Cash Management Treasury Institutional Fur		0.010			48	48	48			
Total Short Term Issues	0.0%					48	48			
Total Loan Pool	100.0%					\$ 125,197	\$ 125,197			

RESERVE POOL										
SECURITY NAME	% of <u>POOL</u>	<u>COUPON</u>	<u>YIELD</u>	MATURITY	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE*</u>			
Short Term Issues Reserve Pool Depository Account		0.250 %	0.250 %		18,712	\$ 18,712	\$ 18,712			
Total Short Term Issues	100.0%					18,712	18,712			
Total Reserve Pool	100.0%					\$ 18,712	\$ 18,712			

F-Floating rate note security.

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\*\* Rate represents last business day of the month.

(In thousands)

#### **MUNICIPAL BOND COMMISSION**

SECURITY NAME	% of <u>POOL</u>	<u>COUPON</u>	<u>YIELD</u>	<u>MATURITY</u>	<u>UNITS</u>	 AMORTIZED <u>COST</u>		FAIR ALUE*
U. S. Government Issues								
United States Treasury		7.250 %	0.001 %	05/15/2016	980	\$ 1,042	\$	1,039
United States Treasury		8.750	0.001	05/15/2017	1,055	1,228		1,215
United States Treasury		9.130	0.001	05/15/2018	1,138	1,436		1,403
State & Local Government		0.290	0.290	12/01/2015	12	12		12
State & Local Government		0.380	0.380	06/01/2016	813	 813		813
Total U.S. Treasury Issues	100.0%					 4,531		4,482
Total Municipal Bond Commission Pool	100.0%					\$ 4,531	\$	4,482

#### **SCHOOL FUND**

SECURITY NAME	% of <u>POOL</u>	<u>COUPON</u>	<u>YIELD</u>	<u>MATURITY</u>	<u>UNITS</u>	-	RTIZED <u>DST</u>	_	FAIR ALUE*
Short Term Issues Dreyfus Cash Management Treasury Institutional Fur	ıd	0.010 **			2,174	\$	2,174	\$	2,174
Total Short Term Issues	100.0%						2,174		2,174
Total School Fund	100.0%					\$	2,174	\$	2,174

#### EDA - AW

SECURITY NAME	% of <u>POOL</u>	<u>COUPON</u>	<u>YIELD</u>	<u>MATURITY</u>	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE*</u>
U. S. Treasury Issues United States Treasury Bond		6.250 %	4.929 %	08/15/2023	1,445	\$ 1,571	\$ 1,886
Total U. S. Treasury Issues	100.0%					1,571	1,886
Total EDA-AW	100.0%					\$ 1,571	\$ 1,886

F-Floating rate note security.

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# **Investment Section**

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# Consolidated Fund Overview at June 30, 2015

**Investment Philosophy**: It is the investment philosophy of the Board of Treasury Investments (the "BTI") to invest assets in a manner that strives for maximum safety, provides adequate liquidity to meet all operating requirements, and achieves the highest possible investment return consistent with the primary objectives of safety and liquidity.

**Investment Objectives:** It is the investment objective of the BTI to provide focused investment services for the Consolidated Fund, reduce costs for and increase returns to its participants.

**Total Investments at June 30, 2015:** \$ 3,169,024,000.

**Description of the Consolidated Fund:** The Consolidated Fund under the management of the BTI consisted of nine investment pools and single participant accounts during the year. The 2005 West Virginia Legislature established the BTI, effective July 8, 2005, as a public corporation of the State of West Virginia to make short-term operating funds of the state more accessible to state government. The BTI employs a top-down approach to developing its investment strategy for the management of its funds. Starting with the objectives of the fund, the BTI considers constraints outlined in its investment policy, which includes among other parameters: safety, liquidity, and maximization of rate of return. The Investment Policy is summarized on Pages 87-92 of this Investment Section.

The Consolidated Fund provides for the investment of moneys not currently needed to fund state governmental operations, as well as providing the opportunity for local governments to participate in large investment pools, and for those funds statutorily required to be invested in the Consolidated Fund. The Consolidated Fund pools and accounts are described in detail following this overview.

**Expense Ratios:** The Board annually adopts a budget and fee schedule, which describes how fees are charged to each pool and account. The fees charged to the Consolidated Fund are categorized into direct or indirect expenses as follows:

(a). <u>Direct Expenses</u> - All investment advisor and custodian expenses will be charged directly to the pools and accounts as they are incurred.

(b). <u>Indirect Expenses</u> - All indirect expenses such as insurance, staff costs, investment consultant fees, and rent shall be allocated based upon the percentage of net position under management.

Expense ratios for the pools and accounts are detailed in Table 2: Financial Highlights on Page 98 in the Statistical Section.

**Basis of Presentation:** Rates of return use a time-weighted rate of return methodology based upon market values.

**Economic Environment:** Economic data was very similar to fiscal year 2014, with the labor market continuing to show signs of improvement over fiscal year 2015 and U.S. economic growth increasing slightly over the prior year. Financial markets were still flooded with more than ample liquidity from central bank interventions, with high demand chasing a decreased supply of short-term assets. The U.S. Federal Reserve terminated its asset purchase program (QE3) during fiscal year 2015, with the final purchases occurring in October 2014. The Fed moved quickly after the end of the program to modify the language of its press releases, dropping its pledge to keep rates low for a considerable period of time to indicating that a hike in the target rate range was now dependent upon incoming data. Weak first quarter

2015 economic data and weakness in the Eurozone and Asian economies, helped to forestall a rate increase during fiscal year 2015.

Investment returns were substantially lower across all markets for the fiscal year, reflecting global economic weakness and concern. The broad US equity market, as measured by the Russell 3000 Index, generated was more subdued in 2015, returning "only" 6.5% (versus 24.4% in fiscal year 2014). Developed international equity markets, measured by the MSCI EAFE Index (net), were much weaker, posting a negative return of 4.5%. Smaller or emerging markets, represented by the MSCI Emerging Markets Index (net) posted negative returns as well, falling to -5.0%. Commodity markets, as measured by the S&P GSCI Total Return Index, were a veritable bloodbath, losing 36.7% for the fiscal year as a result of a broad retreat in commodity prices. The domestic bond market, as measured by the Barclays Aggregate Bond Index, returned 1.86% over the fiscal year.

**Pool and Account Overviews:** The following pages present overviews of the investment pools and accounts of the Consolidated Fund.

The reports on the investment activities of each pool and account are prepared by staff of the BTI with assistance from pool and account managers and the BTI's investment consultant.

The Schedule of Investments in Securities is presented in the Financial Section on Pages 46-59, and Participant Net Asset Values are presented in the Statistical Section on Page 110.

# West Virginia Money Market Pool

# **Investment Objectives and Policy Guidelines**

### **Objectives**

The West Virginia Money Market Pool was created to invest participants' operating funds. The objective of the pool is to maintain sufficient liquidity to meet the daily disbursements of participants while striving to earn a return above inflation. The pool is structured as a money market fund with the goal of preservation of principal. The pool risk factor is low, and the pool is managed under numerous maturity restrictions, diversification guidelines, and credit limits.

Participants include state agencies and local governments throughout the state.

### **Benchmarks**

The performance of the West Virginia Money Market Pool (net of external investment manager fees) will be measured against the BofA Merrill Lynch US 3-Month Treasury Bill Index + 10% of the prior quarterend index, subject to a minimum of 1 basis point and a maximum of 15 basis points.

#### Investment Managers

The West Virginia Money Market Pool is managed by JP Morgan Asset Management and UBS Global Asset Management.

# Maturity Restrictions, Diversification Guidelines and Credit Limits

All restrictions are based upon total dollar percentages of pool holdings using an amortized cost basis. Securities that fall out of compliance may be held to maturity based upon recommendation of the investment manager and investment consultant. The Board may require the investment manager to sell non-compliant securities. Where noted, the date of purchase shall mean the settlement date.

- Weighted average maturity of the West Virginia Money Market Pool shall not exceed 60 days.
- Weighted average final maturity of the pool shall not exceed 90 days.
- Maximum maturity of individual securities cannot exceed 397 days from the date of purchase.
- Minimum 15% of the pool must be in U.S. Treasury Obligation (inclusive of U.S. Treasury collateralized repurchase agreements).
- Maximum 5% of the pool may be invested in any one corporate name.
- Maximum 3% of the pool may be invested in any one issuer of U.S. dollar denominated non-U.S. issuer securities.
- Maximum exposure in money market funds is limited to 10% of any individual rated fund at the pool level. The aggregate exposure may not exceed 30%.
- Maximum 75% of the pool may be invested in notes with floating rates.
- All domestic corporate securities and U.S. dollar denominated issues of non-U.S. issuers must be rated AA- or higher (or its equivalent) if long term and A-1 or higher (or its equivalent) if short term.
- Floating rate notes shall be based on a money market index and shall not have a final maturity longer than 762 days if U.S. Government backed, or 397 days if not U.S. Government backed.

- Maximum of 50% of the pool may be invested in asset-backed corporate debt and asset-backed commercial paper combined, with a maximum of 20% of the pool invested in asset-backed corporate debt securities.
- The pool may not hold private placements, or inverse floaters, or be leveraged in any manner.
- The pool may not hold unregistered securities or private placements with the exception of securities issued pursuant to the SEC Rule 144A and commercial paper issued pursuant to Rule 4(2) of the Securities Act of 1933. Maximum of 50% of the pool will be invested in these types of securities combined.
- The pool shall not acquire any illiquid security if, after acquisition, more than 5% of the pool would be invested in illiquid securities.
- The pool shall not acquire any other security other than daily liquid assets if the fund would have less than 10% of its total assets in daily liquid assets.
- The pool shall not acquire any other security other than weekly liquid assets if the fund would have less than 30% of its total assets in weekly liquid assets.

# **BTI Role**

The role of the BTI for the West Virginia Money Market Pool is as follows:

- Develop investment guidelines.
- Select and oversee investment managers.
- Prohibit commingling of funds with any other account in the Consolidated Fund.
- Distribute daily earnings to participants.
- Calculate monthly net income and net asset value.
- Prepare monthly a statement of net position, statement of operations, a statement of changes in net position, and a detailed list of securities.

# Income Allocation

Net investment income and realized gains and losses are declared as dividends and distributed daily to the participants. If the pool incurs an extraordinary loss and distributing the loss would decrease the share value below one dollar (\$1), the Investment Committee will be notified immediately for development of an action plan.

Permissible Allocation		Actual Allocation June 30, 2015		
Security Type	Maximum Percent of Pool	Carrying Value (Thousands)	Percent of Pool	
U.S. Treasury obligations	100.0%	\$ 321,819	17.0%	
U.S. government agency obligations & FDIC guaranteed obligations	85.0%	386,336	20.4%	
Commercial paper and corporate debt (Combined)	75.0%	876,764	46.4%	
Repurchase agreements	85.0%	12,523	0.7%	
Asset-backed & mortgage-backed securities	50.0%	-	-	
Certificates of deposit	75.0%	203,005	10.7%	
Money market funds	30.0%	90,017	4.8%	
Municipal securities	15.0%	-		
Depository accounts	5.0%			
		\$ 1,890,464	100.0%	

# □ <u>Asset Allocation – Permissible vs. Actual</u>

# **Actual Returns**

### Actual Annualized Returns for Periods Ended June 30, 2015

	1 Year	3 Years	5 Years		
Returns by Investment Manager:				Return 1.0%	WV Money Market BofA Merrill Lynch Benchmark
JP Morgan	0.09%	0.10%	0.11%		
UBS Global	0.13%	0.15%	0.17%		
Total pool returns	0.12%	0.13%	0.13%	0.5%	
Benchmark:					
BofA Merrill Lynch*	0.03%	0.10%	0.16%	0.0%	
				1 \	Year 3 Years 5 Years

\* Benchmark is BofA Merrill Lynch 3-Month T-bill plus floating hurdle with maximum of 15 bps; prior to January 2013, Merrill Lynch 3-Month T-bill + 15 bps

Returns are calculated on a time-weighted basis. Manager returns are net of manager fees. Total pool returns are net of all fees.

# **Investments**

For a detailed list of investments in the West Virginia Money Market Pool, see the Schedule of Investments in Securities in the Supplementary Information on Pages 46-48.

### West Virginia Government Money Market Pool

#### **Investment Objectives and Policy Guidelines**

#### **Objectives**

The West Virginia Government Money Market Pool was created to invest restricted moneys of participants in U.S. Treasury and U.S. Government Agency Obligations. The investment objective of the pool is to preserve capita and maintain sufficient liquidity to meet the daily disbursement needs of participants, while striving to earn a return above inflation. The pool is structured as a money market fund with an emphasis on maintaining a stable dollar value. The risk factor on this pool is low and managed through maturity restrictions. The default risk is minimal due to the types of securities held.

Participants include state agencies and local governments throughout the state.

#### Benchmarks

The performance of the West Virginia Government Money Market Pool (net of external investment manager fees) will be measured against the BofA Merrill Lynch US 3-Month Treasury Bill Index.

#### Investment Manager

The West Virginia Government Money Market Pool is managed by UBS Global Asset Management.

#### Maturity Restrictions, Diversification Guidelines and Credit Limits

All restrictions are based upon total dollar percentages of the pool holdings using an amortized cost basis. Securities that fall out of compliance may be held to maturity based upon recommendation of the investment manager and investment consultant. The Board may require the investment manager to sell non-compliant securities. Where noted, the date of purchase shall mean the settlement date.

- Weighted average maturity of the pool shall not exceed 60 days.
- Weighted average final maturity of the pool shall not exceed 90 days.
- Maximum maturity of individual securities held cannot exceed 397 days from the date of purchase.
- Minimum 15% of the pool must be in U.S. Treasury Obligations (inclusive of U.S. Treasury collateralized repurchase agreements).
- Maximum exposure in government money market funds is limited to 10% of any individual rated fund at the pool level. The aggregate exposure may not exceed 40%.
- The pool may not hold private placements, or inverse floaters, or be leveraged in any manner.
- Floating rate notes shall be based on a money market index and shall not have a final maturity longer than 762 days if U.S. Government backed, or 397 days if not U.S. Government backed.
- The pool shall not acquire any illiquid security if, after acquisition, more than 5% of the pool would be invested in illiquid securities.
- The pool shall not acquire any other security other than daily liquid assets if the fund would have less than 10% of its total assets in daily liquid assets.

• The pool shall not acquire any other security other than weekly liquid assets if the fund would have less than 30% of its total assets in weekly liquid assets.

# **BTI Role**

The role of the BTI for the West Virginia Government Money Market Pool is as follows:

- Develop investment guidelines.
- Select and oversee investment managers.
- Prohibit commingling of funds with any other account in the Consolidated Fund.
- Distribute daily earnings to participants.
- Calculate monthly net income and net asset value.
- Prepare monthly a statement of net position, statement of operations, a statement of changes in net position, and a detailed list of securities.

#### **Income Allocation**

Net investment income and realized gains and losses are declared as dividends and distributed daily to the participants. If the pool incurs an extraordinary loss and distributing the loss would decrease the share value below one dollar (\$1), the Investment Committee will be notified immediately for development of an action plan.

Permissible Allocation		Actual Al June 30	i o <b>c u</b> tron
Security Type	Maximum Percent of Pool	Carrying Value (Thousands)	Percent of Pool
U.S. Treasury obligations	100.0%	\$ 46,010	18.5%
U.S. government agency obligations & FDIC guaranteed obligations	85.0%	158,299	63.7%
Repurchase agreements	85.0%	44,100	17.8%
Government money market funds	40.0%	59	0.0%
Depository accounts	5.0%		
		\$ 248,468	100.0%

### Asset Allocation – Permissible vs. Actual

### **Actual Returns**

-	1 Year	3 Years	5 Years	<u>Return</u> 1.0%	WV Gov't Money Market BofA Merrill Lynch Benchmark
Total pool returns Benchmark:	0.04%	0.07%	0.09%	0.5%	
BofA Merrill Lynch 3-Month T- Bill Index	0.02%	0.06%	0.08%	0.0%	Year 3 Years 5 Years

### Actual Annualized Returns for Periods Ended June 30, 2015

Returns are calculated on a time-weighted basis. Manager returns are net of manager fees.

Total pool returns are net of all fees.

# **Investments**

For a detailed list of investments in the West Virginia Government Money Market Pool, see the Schedule of Investments in Securities in the Supplementary Information on Pages 49-50.

# West Virginia Short Term Bond Pool

# **Investment Objectives and Policy Guidelines**

### **Objectives**

The West Virginia Short Term Bond Pool was created to invest restricted moneys of the State which have a longer term investment horizon. The goal of the pool is to earn an incremental return over the West Virginia Money Market Pool with an objective of asset growth rather than current income. The pool is structured as a mutual fund and is limited to monthly withdrawals and deposits by participants. The risk factor on this pool is higher than the West Virginia Money Market Pool.

Participants include state agencies and local governments throughout the state.

### **Benchmark**

The performance of the West Virginia Short Term Bond Pool (net of external Investment Manager fees) will be measured against the BofA Merrill Lynch US Corporate & Government, 1-3 Years, A Rated and Above Index + 10 basis points.

#### Investment Manager

The West Virginia Short Term Bond Pool is managed by Federated Investors.

#### Maturity Restrictions, Diversification Guidelines and Credit Limits

All restrictions are based upon percentage of the pool holdings on a market value basis at the time of the securities purchase. Securities that fall out of compliance may be held to maturity based upon recommendation of the investment manager and investment consultant. The Board may require the investment manager to sell non-compliant securities. Where noted, the date of purchase shall mean the settlement date.

- Effective duration of the West Virginia Short Term Bond Pool shall not exceed 731 days.
- Effective duration of securities cannot exceed five years (1,827 days).
- Maximum 5% of the pool may be invested in any one corporate name or one corporate issue.
- Maximum 3% of the pool may be invested in any one issuer of U.S. dollar denominated, non-U.S. issuer, securities.
- All domestic corporate and U.S. dollar denominated issues of non-U.S. issuer securities must be rated BBB- or higher (or its equivalent), provided that no more than 10% may be invested in securities rated BBB- to BBB+ (or its equivalent).
- Maximum 75% of the pool may be invested in floating rate notes.
- Floating rate notes shall be based on a money market index and shall not have an effective duration longer than five years.
- Effective duration of commercial paper will not exceed 397 days.
- Maximum of 50% of the pool may be invested in asset-backed corporate debt, and asset-backed commercial paper combined, with a maximum of 20% of the pool invested in asset-backed commercial debt securities.

- The pool may not hold unregistered securities or private placements with the exception of securities issued pursuant to the SEC Rule 144A, public or municipal securities exempt from registration under Section 3(a)(4) of the Securities Act of 1933, and commercial paper issued pursuant to Rule 4(2) of the Securities Act of 1933. Maximum of 50% of the pool will be invested in these type of Securities combined.
- The pool may not invest in inverse floaters or be leveraged in any manner.

# **BTI Role**

The role of the BTI for the West Virginia Short Term Bond Pool is as follows:

- Develop investment guidelines.
- Select and oversee investment managers.
- Prohibit commingling of funds with any other account in the Consolidated Fund.
- Distribute monthly earnings to participants.
- Calculate monthly net income and net asset value.
- Prepare monthly a statement of net position, statement of operations, a statement of changes in net position, and a detailed list of securities.

#### **Income Allocation**

Net investment income and realized gains and losses are declared as dividends on the last day of the month and distributed to the participants in the pool on the first day of the following month. Gains and losses (realized and unrealized) are reflected in the net asset value calculated each month.

Permissible Allocation		Actual Allocation June 30, 2015		
Security Type	Maximum Percent of Pool	Carrying Value (Thousands)	Percent of Pool	
U.S. Treasury obligations	100.0%	\$ -	-	
U.S. government agency obligations & FDIC guaranteed obligations	85.0%	32,198	4.2%	
Commercial paper and corporate debt (combined)	75.0%	399,822	52.5%	
Repurchase agreements	85.0%	-	-	
Asset-backed and mortgage-backed securities	50.0%	295,494	38.8%	
Certificates of deposit	50.0%	-	-	
Money market funds	25.0%	34,012	4.5%	
Municipal securities	15.0%	-	-	
Depository accounts	5.0%	-	-	
		\$ 761,526	100.0%	

# □ Asset Allocation – Permissible vs. Actual

### **Actual Returns**

### Actual Annualized Returns for Periods Ended June 30, 2015

_	1 Year	3 Years	5 Years	Return         WV Short Term Bond           2.0%         BofA Merrill Lynch Benchmark
Total pool returns *	0.67%	0.84%	1.02%	
Benchmark **	1.01%	0.96%	1.18%	
				1.0% 0.0% 1 Year 3 Years 5 Years

\* Federated Investors became manager October 1, 2008. Standish Mellon was manager from May 21, 2002 to September 30, 2008. JP Morgan was manager prior to May 21, 2002

Returns are calculated on a time-weighted basis. Manager returns are net of manager fees. Total pool returns are net of all fees.

#### **Investments**

For a detailed list of investments in the West Virginia Short Term Bond Pool, see the Schedule of Investments in Securities in the Supplementary Information on Pages 50-57.

<sup>\*\*</sup> BofA Merrill Lynch US Corporate & Government, 1-3 Years, A Rated and Above Index + 10 bps. Prior to May 1, 2009, Citigroup 1-3Year Government/Corporate + 10 bps

# West Virginia Bank Pool

### **Investment Objectives and Policy Guidelines**

#### **Objectives**

The West Virginia Bank Pool is composed of certificates of deposit placed with West Virginia financial institutions that are approved state depositories. Placement of the certificates of deposit is accomplished through a competitive bidding process (BidWVauction). The State is the sole participant in this pool.

#### Benchmark

The performance of the West Virginia Bank Pool will be measured against the BofA Merrill Lynch US 3-Month Treasury Bill Index + 10% of the prior quarter-end index, subject to a minimum of 1 basis point and a maximum of 15 basis points.

#### Investment Manager

None.

#### Maturity Restrictions, Diversification Guidelines and Credit Limits

- To participate in the BidWVauction program, a financial institution must be designated as a State Depository in accordance with West Virginia Code §12-1-2(a) and have a branch bank in West Virginia.
- The Board shall establish rules and guidelines for the competitive bidding process. Such rules shall be made available to all interested, qualified financial institutions prior to participation. Qualified, interested financial institutions must agree to the rules and guidelines to participate.
- The minimum bid is \$100,000.00. Bids must be in increments of \$100,000.00 to a maximum of \$10,000,000.00 per parent institution per placement.
- The minimum rate will be equivalent to a the six month return on the West Virginia Money Market Pool or other rate as approved by the BTI chairman.
- Certificates of deposit in excess of insurance coverage by the Federal Deposit Insurance Corporation (FDIC) must be collateralized pursuant to West Virginia code §12-1-4 and Board of Treasury Investments Bank Account Collateral Policy.

# **BTI Role**

The role of the BTI for the West Virginia Bank Pool is as follows:

- Develop investment guidelines.
- Prohibit commingling of funds with any other account in the Consolidated Fund.
- Distribute monthly earnings to participants.
- Calculate monthly net income and net asset value.

• Prepare monthly a statement of net position, statement of operations, a statement of changes in net position, and a detailed list of securities.

#### **Income Allocation**

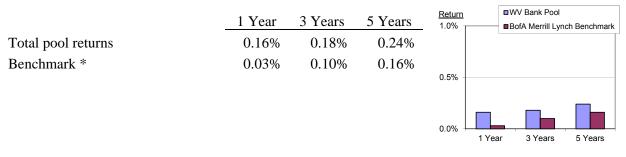
Net investment income is declared as dividends and distributed on the last day of the month.

#### □ Asset Allocation – Permissible vs. Actual

Permissible Allocation			Illocation 0, 2015
Security Type	Maximum Percent of Pool	Carrying Value (Thousands)	Percent of Pool
Certificates of deposit	100.0%	\$ 116,000	99.9%
Money market funds	30.0%	66	0.1%
		\$ 116,066	100.0%

### Actual Returns

Actual Annualized Returns for Periods Ended June 30, 2015



\* Benchmark is BofA Merrill Lynch 3-Month T-bill plus floating hurdle with maximum of 15 bps; prior to January 2013, Merrill Lynch 3-Month T-bill + 15 bps

Returns are calculated on a time-weighted basis. Manager returns are net of manager fees.

Total pool returns are net of all fees.

#### **Investments**

For a detailed list of investments in the West Virginia Bank Pool, see the Schedule of Investments in Securities in the Supplementary Information on Page 57.

### <u>Loan Pool</u>

### **Investment Objectives and Policy Guidelines**

#### **Objectives**

The State Loan Pool is composed of loans made to/by the West Virginia Economic Development Authority (the "EDA"), West Virginia Property Valuation Training and Procedures Commission (the "PVTPC"), and certain FHA/VA housing loans for single-family homes. The State is the sole participant in this pool. The Directors of the BTI Board shall bear no fiduciary responsibility with regard to any of the loans contemplated under §12-6C-11.

Under the State Code, the BTI is required to make available to EDA, subject to a liquidity determination, the following:

- A revolving loan up to \$175 million to fund economic development initiatives, and
- A non-revolving loan up to \$25 million through June 29, 2012, to fund loans for certain venture capital initiatives.

The PVTPC Program and the FHA/VA Mortgage Loan Program are not open to make additional loans.

Benchmarks

None.

Investment Manager

None.

#### Maturity Restrictions, Diversification Guidelines and Credit Limits

None.

# **BTI Role**

The role of the BTI for the overall Loan Pool is as follows:

- Receive and post loan payments.
- Open an account on behalf of the State Loan Pool.
- Develop investment guidelines.
- Prohibit commingling of funds with any other account in the Consolidated Fund.
- Provide cash flow information regarding securities held by the pool.
- Record contributions and withdrawals.
- Provide monthly statements regarding pool activity
- Calculate monthly net income and net asset value.
- Prepare monthly a statement of net position, statement of operations, a statement of changes in net position, and a detailed list of securities.

The role of the BTI for the EDA Revolving Loan is as follows:

- Provide EDA with the annual rate to be charged on the loan.
- Facilitate the transfer of funds to EDA via the State Treasurer's Office.

The role of the BTI for the EDA Non-Revolving Loan is as follows:

- Produce pool financial statements based on information provided by EDA
- Facilitate the transfer of funds to EDA via the State Treasurer's Office.

The role of the BTI for the FHA/VA loans is as follows:

- Reconcile servicer reports on FHA/VA to BTI records.
- Request release of FHA/VA mortgage documents from the master servicer for loan payoffs.

# **Income Allocation**

Net investment income is declared as dividends and distributed on the last day of the month. If the pool incurs a loss resulting in negative income, the loss will be distributed to participants on the last day of the month.

### Asset Allocation – Permissible vs. Actual

Permissible Allo	ocation	Actual A June 30	
Security Type	Maximum Percent of Pool	Carrying Value (Thousands)	Percent of Pool
Other investments	100.0%	\$ 125,149	100.0%
Money market funds	20.0%	48	0.0%
Depository accounts	5.0%		
		\$125,197	100.0%

# **Actual Returns**

The BTI does not maintain rates of return for the Loan Pool.

# **Investments**

For a detailed list of investments in the Loan Pool, see the Schedule of Investments in Securities in the Supplementary Information on Page 58.

# **Reserve Pool**

### **Investment Objectives and Policy Guidelines**

#### **Objectives**

The Reserve Pool was created to provide an added layer of security for the West Virginia Money Market and West Virginia Government Money Market Pools. The objective of the pool is to provide support for the West Virginia Money Market and West Virginia Government Money Market Pools to ensure the net asset values do not fall below \$0.9985 per unit.

#### Benchmarks

None.

Investment Manager

None.

#### Maturity Restrictions, Diversification Guidelines and Credit Limits

All restrictions are based upon total dollar percentages of Pool holdings using an amortized cost basis. Securities that fall out of compliance may be held to maturity based upon recommendation of the investment manager and investment consultant. The Board may require the investment manager to sell non-compliant securities.

- Weighted average maturity of the Reserve Pool shall not exceed 60 days.
- Maximum maturity of individual securities cannot exceed 397 days from the date of purchase.
- Depository accounts are required to be held by rated entities of A-1 or better.
- Depository accounts are required to be collateralized as defined in the BTI's Bank Account Collateral Policy.

# **BTI Role**

The role of the BTI for the Reserve Pool is as follows:

- Develop investment guidelines.
- Provide cash flow information regarding securities held by the pool.
- Record contributions and withdrawals.
- Calculate monthly net income and net asset value.
- Prepare monthly a statement of net position, a statement of changes in net position, and a detailed list of securities.
- The BTI will monitor the net asset value of the West Virginia Money Market and West Virginia Government Money Market Pools on a daily basis in accordance with the BTI's Net Asset Value Monitoring Policy. This policy requires the Chief Financial Officer and Executive Director to

develop a formal and written action plan to address the NAV decline when it falls below \$0.9985 per unit. Board members are notified to approve the written action plan.

• If the net asset value falls below \$0.9985 per unit, the BTI will request Board approval to utilize the Reserve Pool to ensure the NAV is stabilized at \$0.9985 per unit.

#### **Income Allocation**

Net investment income is declared as dividends and distributed on the last day of the month. If the pool incurs a loss resulting in negative income, the loss will be distributed on the last day of the month.

Permissible Allocation			Allocation 30, 2015
Security Type	Maximum Percent of Pool	Carrying Value (Thousands)	Percent of Pool
U.S. Treasury obligations	100.0%	\$ -	-
U.S. government agency obligations	100.0%	-	-
Repurchase agreements	100.0%	-	-
Government money market funds	100.0%	-	-
Depository accounts	100.0%	18,712	100.0%
		\$ 18,712	100.0%

### Asset Allocation – Permissible vs. Actual

#### **Actual Returns**

The BTI does not maintain rates of return for the Reserve Pool.

#### **Investments**

For a detailed list of investments in the Reserve Pool, see the Schedule of Investments in Securities in the Supplementary Information on Page 58.

# **Municipal Bond Commission Account**

# **Investment Objectives and Policy Guidelines**

#### **Objectives**

The Municipal Bond Commission Account is governed by West Virginia State Code §13-3-7 as it relates to permissible securities; limitations on purchase, sale or exchange of securities; interest; and custody of securities.

#### **Benchmarks**

None.

#### Investment Manager

None.

#### Maturity Restrictions, Diversification Guidelines and Credit Limits

- No security shall be purchased, sold or exchanged without the concurrence or ratification of a majority of all members of the Municipal Bond Commission (the "Commission").
- No security shall be purchased at a price above, nor sold or exchanged at a price below, its prevailing fair market value.
- No security shall be purchased, sold or exchanged for the purpose of aiding any individual, firm or corporation by the payment of brokerage commissions or fees thereto.
- No security purchased, sold or exchanged shall benefit any member or employee of the Commission.

# **BTI Role**

The role of the BTI for the Municipal Bond Commission Account is as follows:

- Open an account on behalf of the Commission.
- Develop investment guidelines.
- Prohibit commingling of funds with any other account in the Consolidated Fund.
- Provide cash flow information regarding securities held by the account.
- Provide securities information to the custodian.
- Review signature authorization from the Commission for trade activity.
- Record contributions and withdrawals based upon Commission authorization.
- Provide detailed fee invoice.
- Charge fees for management of the account.
- Calculate monthly net income and net asset value.
- Prepare monthly a statement of net position, a statement of changes in net position, and a detailed list of securities.

# Income Allocation

Net investment income and realized gains and losses are posted to the account monthly.

# Asset Allocation – Permissible vs. Actual

Asset allocations have not been established for the Municipal Bond Commission Account. Permissible securities are as follows:

- Securities of the United States or any agency thereof which are guaranteed by or for which the full faith and credit of the United States is pledged for the payment of the principal and interest.
- General obligations of the State or any of its agencies, boards or commissions, or any county, municipality or school district in the state.
- Repurchase agreements or similar banking arrangements with a member bank of the Federal Reserve System, or a bank, the deposits of which are insured by the Federal Deposit Insurance Corporation (the "FDIC"), or its successor, provided that such investments shall only be made to the extent insured by the FDIC or to the extent that the principal amount thereof shall be fully collateralized by direct obligations of or obligations guaranteed by the United States.

# **Actual Returns**

The BTI does not maintain rates of return for the Municipal Bond Commission Account.

# **Investments**

For a detailed list of investments in the Municipal Bond Commission Account, see the Schedule of Investments in Securities in the Supplementary Information on Page 59.

# School Fund Account

### **Investment Objectives and Policy Guidelines**

#### **Objectives**

The School Fund was established by State Code §18-9-5 to contribute toward supporting state public schools. The investment objective is to maintain the irreducible \$1 million principal as defined in State Code §18-9A-16.

#### Benchmarks

None.

Investment Manager

None.

#### Maturity Restrictions, Diversification Guidelines and Credit Limits

Minimum 15% of the investments of the School Fund must be invested in U.S. Treasury obligations.

# **BTI Role**

The role of the BTI for the School Fund Account is as follows:

- Open an account on behalf of the School Fund Board.
- Develop investment guidelines.
- Prohibit commingling of funds with any other account in the Consolidated Fund.
- Provide monthly statements regarding School Fund activity.
- Calculate monthly net income and net asset value.
- Prepare monthly a statement of net position, a statement of changes in net position, and a detailed list of securities.

#### Income Allocation

Net investment income and realized gains and losses are posted to the account monthly. Unrealized gains and losses are reflected in the net asset value calculated each month.

#### Asset Allocation – Permissible vs. Actual

The School Fund shall be invested in interest-bearing securities of the United States, or securities, the payment of which as to both principal and interest, has been guaranteed by the United States, or of West Virginia, or of any county, city, town or village, or school district of West Virginia, or if such interest-bearing securities cannot be obtained, then such fund shall be invested in such other solvent interest-bearing securities as shall be approved by the School Fund Board. At June 30, 2015, 100.0% of the School Fund

Account's securities, totaling \$2,174,000, were invested in a money market fund which invests in U.S. Treasury and agency securities.

# **Actual Returns**

The BTI does not maintain rates of return for the School Fund Account.

# **Investments**

For a detailed list of investments in the School Fund Account, see the Schedule of Investments in Securities in the Supplementary Information on Page 59.

# Economic Development Authority – American Woodmark Account

### **Investment Objectives and Policy Guidelines**

#### **Objectives**

In accordance with West Virginia Code Section §31-15-23, the Economic Development Authority (the "EDA") – American Woodmark Account invests excess funds received by appropriation or other funds which the EDA directs to be invested.

#### Benchmarks

None.

Investment Manager

None.

Maturity Restrictions, Diversification Guidelines and Credit Limits

None

# **BTI Role**

The role of the BTI for the EDA – American Woodmark Account is as follows:

- Open an account on behalf of the EDA.
- Develop investment guidelines.
- Prohibit commingling of funds with any other account in the Consolidated Fund.
- Provide cash flow information regarding securities held by the account.
- Invest earned interest not withdrawn by the EDA.
- Review signature authorization from the EDA for trade activity.
- Record contributions and withdrawals based upon EDA authorization.
- Provide monthly statements regarding EDA activity.
- Charge fees for management of the account.
- Calculate monthly net income and net asset value.
- Prepare monthly a statement of net position, a statement of changes in net position, and a detailed list of securities.

#### **Income Allocation**

Net investment income and realized gains and losses are posted to the account monthly. Unrealized gains and losses are reflected in the net asset value calculated each month.

# Asset Allocation – Permissible vs. Actual

Permissible securities for the EDA – American Woodmark Account are as follows:

- A U.S. Treasury obligation that matures August 15, 2023.
- Money market funds

At June 30, 2015, 100.0% of the EDA – American Woodmark Account's securities, totaling \$1,571,000, were invested in a U.S. Treasury Bond maturing August 15, 2023.

# **Actual Returns**

The BTI does not maintain rates of return for the EDA – American Woodmark Account.

# **Investments**

For a detailed list of investments in the EDA – American Woodmark Account, see the Schedule of Investments in Securities in the Supplementary Information on Page 59.

# Schedule of Investment Management Fees Consolidated Fund

For the Fiscal Year Ended June 30, 2015

(In Thousands)

External fees:	
Investment advisors:	
WV Money Market Pool	\$ 758
WV Government Money Market Pool	97
WV Short Term Bond Pool	697
	1,552
Custodians:	
WV Money Market Pool	86
WV Government Money Market Pool	18
WV Short Term Bond Pool	29
	133
Total external fees	1,685
Internal fees:	
Investment consultant	148
Fiduciary bond	18
Administration	1,132
Total internal fees	1,298
Total investment management fees	\$ 2,983

# **INVESTMENT POLICY SUMMARY**

# A. PURPOSE

The investment policy of the West Virginia Board of Treasury Investments (the "BTI") is adopted pursuant to Article 6C of Chapter 12 of the West Virginia Code and specifically outlines the investment philosophy and practices of the BTI. It has been developed to provide a fiscal administration, investment, and management plan for the assets entrusted to the Board. The Board has adopted this investment policy to serve as that plan and to provide:

- A clear direction to investment managers and consultants, staff, participants, and any other outside service provider as to the objectives, goals, and restrictions with regard to investment of assets;
- A methodology which allows assets to be structured and invested in a prudent manner; and
- A meaningful basis for the evaluation of asset classes, investment managers and the strategies used to achieve the various investment objectives.

# **B. INVESTMENT PHILOSOPHY**

The BTI was established by the State Legislature to provide prudent fiscal administration, investment, and management for the assets entrusted to the BTI. It is the investment philosophy of the BTI to invest assets in a manner that strives for maximum safety, provides adequate liquidity to meet all operating requirements, and achieves the highest possible investment return consistent with the primary objectives of safety and liquidity. Due to the short-term nature of the funds, the BTI believes it is imperative to review and adjust the policy in reaction to interest rate market fluctuations/trends on a regular basis. In order to accomplish this, the BTI has adopted the following formal review schedule:

Agenda Item	<b>Review Schedule</b>
Investment Performance	Quarterly
Investment Manager Rebalancing	Quarterly
Investment Policy	Annually
Fee Schedule and Budget	Annually
Select Rating Agencies	Annually
Stress Testing of Portfolios	Monthly

When required, the BTI may react to trends in the market more quickly by itself or through actions of its Investment Committee.

The BTI will employ investment managers to implement this policy. The BTI shall monitor the performance of, and supervise all investment managers.

In determining its philosophy toward risk, the BTI considers its fiduciary obligations, statutory requirements, and current market conditions. Additionally, the BTI will consider the participants' purposes and characteristics, financial conditions, liquidity needs, sources and level of contributions, income and

general business conditions. Based upon these many factors, the BTI identifies when either a more conservative or more aggressive investment approach is warranted.

#### C. INVESTMENT OBJECTIVES

The BTI's objective is to provide focused investment services for the funds, reduce costs for, and increase returns to its participants. Realizing the majority of the funds are for operating expenses, the policy is designed to address the short-term liquidity needs of the participants and limit risk, but still permitting for a better rate of return than participants may be able to obtain on their own.

All available funds shall be invested with the following objectives and priorities:

- Safety of principal. Investments shall be undertaken in a manner that seeks preservation of capital with reasonable investment risk in the overall portfolio.
- Liquidity requirements of anticipated and unanticipated expenditures.
- Maximization of the yield allocated to participants' investments consistent with all investment objectives.
- Recognition of differing objectives and needs of various participants.
- Conformance with state law and other pertinent legal restrictions.
- Diversification of assets by investment in various securities classifications and the use of various investment managers in order to smooth the volatility of returns.
- Realized gains and losses are recognized by the funds as they occur.

#### D. INVESTMENT/ADMINISTRATIVE RESPONSIBILITIES

The BTI is responsible for the prudent investment and administration of the funds. In order to properly carry out the policy, the BTI will rely on staff and outside service providers. Due to the number of parties involved, their roles as fiduciaries must be clearly identified to ensure operational efficiency, clear lines of communication, and accountability in all aspects of operations. The following describes the parties and the roles they assume as fiduciaries.

#### **BOARD OF DIRECTORS**

The Board has the responsibility of establishing and maintaining the policy and determining the objectives for all aspects of BTI operations.

The Board shall adopt by-laws and delegate the implementation of the policy to the Investment Committee and staff. The Board shall focus on important policy level issues, maintaining the proper fiduciary perspective and time horizon for analysis of the progress of the policy and the investment returns on the funds, and develop, adopt, review or modify the asset rebalancing plan, investment policy, fee schedule, and budget for the funds at least annually.

The Board shall establish committees of its members as required to effectively implement the policy. Currently, the Board has established the Investment, Audit, and Personnel and Governance Committees as described below. Committees shall be briefed as required on any topic or issue pertinent to the Board's operations, and shall make reports regarding those topics to the Board at its meetings.

#### **INVESTMENT COMMITTEE**

The primary objective of the Investment Committee is to implement this policy and to do so effectively, prudently, and in a cost efficient manner in full compliance with all applicable laws, rules, and regulations.

The Investment Committee shall have the following specific responsibilities to be performed with the advice and assistance of staff and the investment consultant, and shall make recommendations to the Board for action as necessary regarding:

- Policies for preservation of capital, risk tolerance, credit standards diversification, rate of return, stability and turnover, liquidity, reasonable costs and fees, permissible investments, maturity ranges, internal controls, safekeeping and custody, valuation methodologies, and calculation of earnings and yields;
- Evaluation, selection, and termination of the investment managers and investment consultant;
- Regular review of and revisions to the investment policy;
- Investigate any reported investment problems or non-compliance;
- Evaluation of investment results to ensure compliance with the investment policy and to determine success of investment activities; and
- Other investment related issues as necessary for the prudent and cost effective investment of the funds.

#### AUDIT COMMITTEE

The Audit Committee is designated by and acts on behalf of the Board. The Audit Committee's primary objectives shall include:

- Adopting and implementing an audit charter for the BTI;
- Providing oversight of the integrity of the financial statements;
- Reviewing the annual operations budget;
- Ensuring compliance with legal and regulatory requirements;
- Overseeing the performance of the internal audit function; and
- Assessing the performance of the external auditors, providing recommendations to the Board to engage or dismiss them, and monitoring their qualifications and independence.

#### PERSONNEL AND GOVERNANCE COMMITTEE

The Personnel and Governance Committee's responsibility is to ensure the BTI has the staff it needs to fulfill its mission and to oversee the Board of Director's governance structure and policy. The Personnel and Governance Committee's primary objectives shall include:

- Recommending staffing levels for the BTI;
- Assuring the professional qualifications of the Board and staff are maintained by providing educational programs;
- Keeping the Board informed of current best practices in corporate governance;
- Developing, reviewing and updating governance practices of the Board;
- Assisting the Board in evaluating governance principles and practices;
- Overseeing management transition and succession planning; and
- Overseeing Board strategic planning.

#### **INVESTMENT CONSULTANT**

The investment consultant will be selected by and serve at the will and pleasure of the Board, based upon recommendations from the Investment Committee. The consultant must have and assign an employee to work directly with the BTI, who has a Chartered Financial Analyst or a Certified Treasury Professional designation. The consultant works with the Board and staff to implement this policy. This requires regular meetings with staff, the Investment Committee and/or the Board, to provide an independent perspective on various issues and make recommendations as appropriate.

#### **INVESTMENT MANAGERS**

Investment managers will be selected by and serve at the will and pleasure of the Board, based upon recommendations from the Investment Committee. The managers will have demonstrated expertise with the type of portfolio in their charge. The managers will be provided explicit written instructions detailing their particular assignment, and will construct and manage the portfolio consistent with the policy. The managers have complete discretion over the timing, selection, and execution of orders for securities in compliance with this policy.

#### CUSTODIAN

The custodian holds directly, through its agents, its sub-custodians, or designated clearing systems, securities held as investments by the BTI. The custodian is accountable for registration of those securities in good delivery form, collection of income generated, and any corporate action notification. The custodian is responsible for delivery, receipt, tracking, and reporting of securities transactions. The BTI may opt to delegate other duties to the custodian.

#### INTERNAL AUDITOR

The Board shall retain an internal auditor. As minimum qualifications, the internal auditor shall be a certified public accountant with at least three years' experience as an auditor. The internal auditor shall develop an internal audit plan, and work directly through the Audit Committee. The internal auditor's primary responsibilities shall include:

- Developing and implementing an internal audit plan;
- Evaluating the adequacy of the internal controls established by management;
- Reporting any violation of any applicable law, rule, regulation or policy;
- Providing quarterly reports to the Audit Committee summarizing the internal audit plan and audit activities; and
- Identifying significant departures from the approved internal audit plan and reasons thereof.

#### **EXTERNAL AUDITOR**

The BTI shall be audited annually by an independent certified public accounting firm selected by the Board. The certified public accounting firm must have a minimum staff of ten certified public accountants, be a member of the American Institute of Certified Public Accountants and, if doing business in West Virginia, a member of the West Virginia Society of Certified Public Accountants. The Board shall have financial and compliance audits of the Board's books, accounts and records with respect to its receipts, disbursements, investments, contracts and all other matters relating to its financial operations.

## E. STANDARD OF CARE

Any investment made pursuant to this policy shall be made in accordance with the "Uniform Prudent Investor Act," and shall be further subject to the following:

- The Directors shall diversify the investment of the funds so as to minimize the risk of large losses unless, under the circumstances, it is clearly prudent not to do so;
- The Directors shall defray reasonable expenses of investing and managing the funds by charging fees; and
- The Directors shall discharge their duties in accordance with the documents and instruments consistent with the State Code.

## F. INVESTMENT GUIDELINES

The BTI recognizes that risk (i.e., the uncertainty of future events), volatility (i.e., the potential for variability of asset values), and the possibility of loss in purchasing power (due to inflation) are present to some degree in all types of investments. Due to the short-term nature of the funds, high levels of risk should be avoided, but the assumption of risk may be warranted if it is needed in order to allow the investment managers the opportunity to achieve satisfactory results consistent with the policy and the investment guidelines for the pool/portfolio they manage.

All securities must have a readily attainable market value, and must be readily marketable. Listed within the investment guidelines for each pool and account are the securities specifically permitted by the policy.

## G. CONFLICT OF INTEREST AND ETHICS

The Directors, staff, and any outside service provider shall refrain from those circumstances that could be considered a conflict of interest with BTI operations and transactions. A conflict of interest is a circumstance that creates an actual conflict with any fiduciary duty owed and a personal or business activity that could conflict with, could give the appearance of a conflict with, or could impair the ability to make impartial decisions in matters affecting BTI operations and transactions.

Additionally, the Directors and staff shall maintain knowledge of, and shall comply with, all applicable laws, rules and regulations of any governmental or regulatory entity governing the management the funds and shall not knowingly participate in, assist or fail to report to the BTI any acts in violation of those laws, rules and regulations. This requirement includes, but is not limited to, compliance with the "West Virginia Governmental Ethics Act" in the State Code. Any actual or perceived violation of the Ethics Act shall be reported in writing to the Personnel and Governance Committee of the Board.

## H. REPURCHASE AGREEMENTS

The policy establishes guidelines that govern repurchase agreements purchased by, or on behalf of, the BTI. Repurchase agreements may be subject to, or structured as a tri-party repurchase agreement or a repurchase agreement with collateral delivered to the Custodian. The BTI requires repurchase agreements to have collateral pledged of at least 102% of the principal amount of the repurchase agreement. Collateral pledged must comply with securities permitted by the Repurchase Agreement Guidelines.

#### I. SECURITIES LENDING PROGRAM

At times, the Board may authorize staff to engage in Securities Lending. When authorized, this policy shall establish guidelines that govern the Securities Lending Program. The objective of the Securities Lending Program is to use a conservative management approach to earn incremental income above that already generated from securities as permitted under State Code. The income earned from the Securities Lending Program is not assigned in assessing the performance of the individual investment managers. (Effective July 29, 2011, the BTI exited the Securities Lending Program; therefore, the policy is not in use at this time.)

# **Statistical Section**

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# INTRODUCTION TO STATISTICAL SECTION

The Statistical Section of the BTI's CAFR presents information as a historical perspective and a context for understanding what the information in the financial statements, note disclosures, supplementary information, and other financial information says about the BTI's overall financial health.

#### Table 1: Schedules of Additions, Deductions, and Changes in Net Position – Consolidated Fund

This table presents historical information showing trends in the changes in Consolidated Fund net position and the components of those changes. The table goes back ten years, but the BTI has managed the fund for the eight latest fiscal years. The fund was managed by the West Virginia Investment Management Board in the remaining two years.

#### Table 2: Financial Highlights – Consolidated Fund State Operating Pools

This table presents historical information showing per share data and ratios for the state operating pools of the Consolidated Fund for the past ten years. Complete information was not available before the past ten years. The BTI has managed the fund for the eight latest fiscal years. The fund had been managed by the West Virginia Investment Management Board. The ratio of expenses to average net position represents the percentage of net position used to operate the pool. The ratio of net investment income to average net position represents financial performance of the pool, or the extent to which operations have resulted in changes in net position. The portfolio turnover rate is a measurement of how frequently assets within a fund are bought and sold by the managers.

#### Table 3: Rates of Return – Consolidated Fund State Operating Pools

This table presents historical information showing the rates of return for the Consolidated Fund State Operating Pools for the past ten years.

#### Table 4: Participation in Consolidated Fund State Operating Pools

This table presents historical information for the past ten years showing the participation in the Consolidated Fund State Operating Pools that are open to all state agencies and local governments in the state. Many state agencies and local governments have multiple accounts.

#### Table 5: Net Position – Consolidated Fund

This table presents historical information showing the total net position of the Consolidated Fund for the past ten years.

#### Table 6: Net Position, Changes in Net Position, and Restatement of Net Position - Operating Fund

This table presents historical information showing the total net position and changes in net position of the Operating Fund (a proprietary fund) since its inception in July 2005.

#### Table 7: Schedule of Net Asset Values—Consolidated Fund Operating and Special Purpose Pools

This table presents components of total net asset values of the Consolidated Fund Operating and Special Purpose Pools at June 30, 2015, as well as investment unit data.

#### Table 8: Portfolio Statistics – Consolidated Fund Operating Pools

This table presents weighted average days to maturity, maximum weighted average investment maturity term per BTI investment policy, and money market yields for the Consolidated Fund Operating Pools at June 30, 2015.

#### Table 9: Participant Net Asset Values—Consolidated Fund Operating Pools

This table presents major investors in the Consolidated Fund Operating Pools at June 30, 2015.

#### **Glossary of Financial and Investment Terms**

A glossary of financial and investment terms is presented to help readers understand the basic concepts and information provided in this comprehensive annual financial report.

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### Table 1: Schedules of Additions, Deductions, and Changes in Net Position – Consolidated Fund

# Fiscal Year Ended June 30 (In Thousands)

	2015	2014	2013	2012
Additions				
Investment income:				
Interest	\$ 14,942	\$ 15,103	\$ 17,579	\$ 17,094
Dividends	1,575	1,653	330	461
Securities lending income	-	-	-	-
Net accretion (amortization)	(3,885)	(4,562)	(6,351)	(3,986)
Provision for securities lending loss	-	-	(1,629)	(945)
Provision for uncollectible loans	(822)	(1,251)		
Total investment income	11,810	10,943	9,929	12,624
Investment expenses:				
Investment advisor fees	1,552	1,486	1,366	1,420
Custodian bank fees	133	129	132	141
Administrative fees	1,298	1,084	593	1,004
Securities lending agent fees	-	-	-	-
Securities lending borrower rebates	-	-	-	-
Bad debt expense				
Total investment expenses	2,983	2,699	2,091	2,565
Net investment income	8,827	8,244	7,838	10,059
Net realized gain (loss) from investments	(442)	44	2,850	(12)
Net (decrease) increase in fair value of investments	(986)	2,401	(96)	(1,946)
Net increase in net position from operations	7,399	10,689	10,592	8,101
Participant transaction additions:				
Purchase of pool units by participants	10,934,435	10,832,452	11,345,517	10,994,105
Reinvestment of pool distributions	8,679	8,812	8,277	10,918
Contributions to individual investment accounts	825	356	291,228	156,312
Total participant transaction additions	10,943,939	10,841,620	11,645,022	11,161,335
Total additions	10,951,338	10,852,309	11,655,614	11,169,436
Deductions				
Distributions to pool participants:				
Net investment income	8,714	8,087	6,727	8,862
Net realized gain (loss) from investments	(442)	44	(370)	(114)
Total distributions to pool participants	8,272	8,131	6,357	8,748
Participant transaction deductions:				
Redemption of pool units by participants	10,977,054	11,259,269	11,513,580	11,391,935
Withdrawals from individual investment accounts	20,105	193,011	223,638	21,259
Total participant transaction deductions	10,997,159	11,452,280	11,737,218	11,413,194
Total deductions	11,005,431	11,460,411	11,743,575	11,421,942
Change in net position	\$ (54,093)	\$ (608,102)	\$ (87,961)	\$ (252,506)

2011		2010		2009		2008	2007		2006	
\$ 20,410	) {	5 21,499	\$	35,328	\$	68,731	\$	65,625	\$	46,477
446	5	624		2,794		1,684		895		891
-		-		2,956		23,351		23,974		19,430
6,255	5	7,700		25,918		65,983		76,182		58,808
(596	5)	(1,193)		(6,837)		-		-		-
		-		(7,117)		(3,021)		(3,103)	_	(797)
26,515	5	28,630		53,042		156,728	1	63,573	1	124,809
1,399	)	1,277		1,157		1,060		950		976
134	1	107		86		110		107		97
1,052	2	1,468		1,208		1,256		1,180		1,441
-		-		226		1,353		273		293
-		-		2,054		18,446		23,063		18,454
-		-		-		3		-		-
2,585	5	2,852		4,731		22,228		25,573		21,261
23,930	)	25,778		48,311		134,500	1	38,000	1	103,548
6,527	7	1,576		(1,578)		3,603		(939)		(2,973)
(11,329	<del>)</del> )	(770)		8,560		11,033		4,308		(10,470)
19,128	3	26,584		55,293		149,136	1	41,369		90,105
10 500 000		10,100,010	10	216 600	10	170.015	0.0	22 (27	0	176 105
10,590,080		10,192,912	10	,316,680	10	,173,315		33,687	8,4	476,495
21,531		19,301		48,995		130,263		28,339		95,770
<u>6,760</u> 10,618,371		4,950 10,217,163	10	6,708 ,372,383	10	146,314		13,366 75,392	Q 4	<u>12,723</u> 584,988
10,010,371	<u> </u>	10,217,105	10	,572,585		,449,892	9,0	15,592	0,	004,900
10,637,499	)	10,243,747	10	,427,676	10	,599,028	9,2	16,761	8,6	575,093
16,264	1	17,989		40,788		126,764	1	28,452		96,021
6,527	7	1,576		(1,578)		90		51		(59)
22,791	l	19,565		39,210		126,854	1	28,503		95,962
10,356,782	2	9,949,245	10	,063,667	9	,816,801	8,6	04,738	8,4	427,349
10,949	)	13,023		26,041		214,011		40,953		37,838
10,367,731	<u> </u>	9,962,268	10	,089,708	10	,030,812	8,6	45,691	8,4	465,187
10,390,522	2	9,981,833	10	,128,918	10	,157,666	8,7	74,194	8,5	561,149
\$ 246,977	7 5	\$ 261,914	\$	298,758	\$	441,362	\$ 4	42,567	\$ 1	113,944

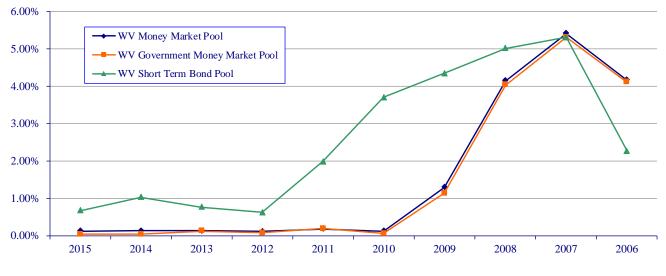
# **Table 2: Financial Highlights – Consolidated Fund State Operating Pools**

					Fiscal Year E	Ended June 30				
	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
WV Money Market Pool										
Per share data:										
Net asset value at beginning of year	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00
Net investment income (loss)	-	-	-	-	-	-	0.01	0.04	0.05	0.04
Net realized and unrealized gain (loss)										
Net increase (decrease) from operations	-	-	-	-	-	-	0.01	0.04	0.05	0.04
Distributions to participants							0.01	0.04	0.05	0.04
Net asset value at end of year	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00
Shares outstanding (in thousands)	1,890,872	1,960,118	2,496,857	2,788,044	3,019,878	2,820,141	2,570,620	2,361,834	2,071,394	1,719,622
Ratio of expenses to average net assets	0.08%	0.07%	0.05%	0.06%	0.06%	0.07%	0.07%	0.08%	0.09%	0.10%
Ratio of net investment income to average net assets	0.13%	0.13%	0.14%	0.11%	0.18%	0.14%	1.15%	4.10%	5.28%	4.22%
<u>WV Government Money Market Pool</u> Per share data:										
	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00
Net asset value at beginning of year	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00 0.01	\$ 1.00	\$ 1.00	\$ 1.00 0.01	\$ 1.00 0.04	\$ 1.00 0.06	\$ 1.00 0.04
Net investment income (loss)	-	-	-	- 0.01	-	-	- 0.01	0.04	0.06	-
Net realized and unrealized gain (loss)				0.01			0.01	0.04	0.06	0.04
Net increase (decrease) from operations Distributions to participants	-	-	-	0.01	-	-	0.01	0.04	0.06	0.04
Net asset value at end of year	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00
					<u> </u>					
Shares outstanding (in thousands)	248,503	238,981	287,253	300,047	262,898	221,265	283,795	187,291	229,917	177,308
Ratio of expenses to average net assets	0.08%	0.08%	0.06%	0.06%	0.07%	0.08%	0.07%	0.08%	0.08%	0.10%
Ratio of net investment income to average net assets	0.03%	0.02%	0.09%	0.06%	0.15%	0.10%	0.88%	3.90%	5.00%	3.94%
WR/Clearet Transa David David										
<u>WV Short Term Bond Pool</u> Per share data:										
Net asset value at beginning of year	\$ 101.79	\$ 101.47	\$ 100.06	\$ 100.34	\$ 101.35	\$ 100.59	\$ 99.27	\$ 98.55	\$ 98.06	\$ 99.53
Net investment income (loss)	\$ 101.79 0.78	1.20	\$ 100.00 0.70	3 100.34 0.86	\$ 101.35 1.56	3 100.39 2.41	3 99.27	4.26	3 98.00 4.61	3 99.55
Net realized and unrealized gain (loss)	0.78	0.33	1.34	(0.31)	0.40	1.20	0.63	4.20	0.49	(1.47)
Net increase (decrease) from operations	1.10	1.53	2.04	0.55	1.96	3.61	3.50	6.18	5.10	2.22
Distributions to participants	0.78	1.53	0.63	0.83	2.97	2.85	2.18	5.46	4.61	3.69
Net asset value at end of year	\$ 102.11	\$ 101.79	\$ 101.47	\$ 100.06	\$ 100.34	\$ 101.35	\$ 100.59	\$ 99.27	\$ 98.55	\$ 98.06
Net asset value at end of year	\$ 102.11	\$ 101.79	\$ 101.47	\$ 100.06	\$ 100.34	\$ 101.55	\$ 100.39	\$ 99.21	\$ 98.33	\$ 98.00
Shares outstanding (in thousands)	7,490	7,600	6,083	5,040	4,746	4,496	3,251	3,593	2,331	2,718
Ratio of expenses to average net assets	0.14%	0.12%	0.07%	0.10%	0.10%	0.14%	0.11%	0.10%	0.10%	0.14%
Ratio of net investment income to average net assets	0.87%	0.78%	0.50%	0.73%	1.26%	2.52%	2.37%	4.19%	4.02%	3.85%
Portfolio turnover rate	4.17%	1.10%	2.48%	11.11%	3.66%	5.07%	17.15%	5.13%	5.24%	4.01%

# Table 3: Rates of Return – Consolidated Fund State Operating Pools

	Fiscal Year Ended June 30											
	<u>2015</u> <u>2014</u> <u>2013</u> <u>2012</u> <u>2011</u> <u>2010</u> <u>2009</u> <u>2008</u> <u>2007</u> <u>2006</u>											
WV Money Market Pool	0.12%	0.13%	0.13%	0.11%	0.18%	0.12%	1.29%	4.15%	5.41%	4.17%		
WV Government Money Market Pool	0.04%	0.04%	0.12%	0.08%	0.19%	0.06%	1.13%	4.03%	5.31%	4.11%		
WV Short Term Bond Pool	0.67%	1.03%	0.77%	0.62%	1.98%	3.70%	4.35%	5.02%	5.31%	2.27%		

Rates of return are time weighted, annualized, and net of all fees



Fiscal Year

# Table 4: Participation in Consolidated Fund State Operating Pools

## Fiscal Year Ended June 30

(Net Asset Values Expressed in Thousands)

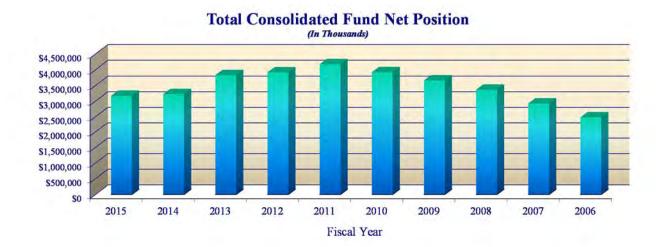
	2015		2	014	2	013	2012		
	Number of Accounts	Net Asset Value							
WV Money Market Pool:									
State agency accounts	1,275	\$1,804,995	1,336	\$1,869,338	1,347	\$2,427,230	1,282	\$2,708,359	
Local government accounts	208	85,877	221	90,780	222	69,627	222	79,685	
Accumulated undistributed securities lending income				-		-		-	
	1,483	\$1,890,872	1,557	\$1,960,118	1,569	\$2,496,857	1,504	\$2,788,044	
WV Government Money Market Pool:									
State agency accounts	23	\$ 202,008	20	\$ 184,523	17	\$ 189,828	18	\$ 178,519	
Local government accounts	70	46,495	77	54,458	80	97,425	80	121,528	
Accumulated undistributed securities lending income		-		-		-		-	
	93	\$ 248,503	97	\$ 238,981	97	\$ 287,253	98	\$ 300,047	
WV Short Term Bond Pool:									
State agency accounts	35	\$ 758,066	34	\$ 768,763	12	\$ 611,495	14	\$ 499,402	
Local government accounts	9	3,384	9	4,837	10	5,756	9	4,890	
-	44	\$ 761,450	43	\$ 773,600	22	\$ 617,251	23	\$ 504,292	

2	011	2	010	2	009	2	008	2	007	2006		
Number of Accounts	Net Asset Value	Number of Accounts	Net Asset Value	Number of Accounts	Net Asset Value	Number of Accounts	Net Asset Value	Number of Accounts	Net Asset Value	Number of Accounts	Net Asset Value	
1,239 226	\$2,956,372 63,506	1,118 217	\$2,746,279 73,862 14	1,059 252	\$2,474,600 96,020 255	1,014 241	\$2,243,023 118,810	999 192	\$1,988,554 82,840	927 181	\$1,650,789 68,834	
1,465	\$3,019,878	1,335	\$2,820,155	1,311	\$2,570,875	1,255	\$2,361,833	1,191	\$2,071,394	1,108	\$1,719,623	
15 84	\$ 184,473 78,425	26 48	\$ 193,292 27,973	17 61	\$ 231,772 52,023 63	15 48	\$ 170,226 17,065	16 41	\$ 203,339 26,578	15 39	\$ 153,769 22,538	
99	\$ 262,898	74	\$ 221,265	78	\$ 283,858	63	\$ 187,291	57	\$ 229,917	54	\$ 176,307	
14 10	\$ 474,511 1,676	14	\$ 454,793 904	10 7	\$ 326,516 460	8	\$ 356,618 92	6 5	\$ 229,642 85	7	\$ 266,464 81	
24	\$ 476,187	22	\$ 455,697	17	\$ 326,976	12	\$ 356,710	11	\$ 229,727	13	\$ 266,545	

## Table 5: Net Position – Consolidated Fund

Fiscal Year Ended June 30 (In Thousands)

	2015	2014	2013	2012
WV Money Market Pool	\$ 1,890,872	\$ 1,960,118	\$ 2,496,857	\$ 2,788,044
WV Government Money Market Pool	\$1,890,872 248,503	238,981	\$2,490,857 287,253	300,047
WV Short Term Bond Pool	761,450	773,600	617,251	504,292
WV Bank Pool	116,111	73,060	70,042	52,590
Loss Amortization Pool	-	-	-	-
Loan Pool	125,210	129,264	118,366	106,825
Reserve Pool	18,716	20,757	21,920	19,041
Municipal Bond Commission Account	4,565	24,538	216,728	145,150
Lottery Defeasance Account	-	-	-	-
School Fund Account	2,174	1,356	1,327	1,555
EDA Insurance Account	-	-	-	-
EDA-AW Account	1,920	1,940	1,972	2,133
Department of Highways Account				
	\$3,169,521	\$ 3,223,614	\$3,831,716	\$ 3,919,677



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2011	2010	2009	2008	2007	2006
\$ 3,019,878	\$ 2,820,155	\$2,570,875	\$ 2,361,833	\$2,071,394	\$1,719,623
262,898	221,265	283,858	187,291	229,917	177,307
476,187	455,697	326,976	356,710	229,727	266,545
60,067	60,082	100,215	126,712	-	-
188,544	187,726	184,107	172,077	154,277	145,943
132,181	132,918	127,728	116,748	130,187	139,531
19,179	30,147	44,792	-	-	-
9,997	13,916	21,640	24,778	46,265	27,023
-	-	-	136	304	669
1,385	1,393	1,307	1,671	1,760	1,886
-	-	-	-	451	450
1,867	1,907	1,794	1,753	1,639	1,628
			14,825	57,251	
\$4,172,183	\$ 3,925,206	\$ 3,663,292	\$ 3,364,534	\$ 2,923,172	\$2,480,605

## Table 6: Net Position, Changes in Net Position, and Restatement of Net Position - Operating Fund

Fiscal Year Ended June 30 (*In Thousands*)

	2	2015		2014		2013		2012		2011
<b>Changes in Net Position</b>										
Operating revenues										
Management services	\$	1,297	\$	1,353	\$	955	\$	1,004	\$	1,052
Advisor services		1,553		1,486		1,366		1,420		1,399
Custodian services		132		129		132		141		134
Total operating revenues		2,982		2,968		2,453		2,565		2,585
Operating expenses										
Advisor fees		1,553		1,486		1,364		1,420		1,399
Management fees		613		591		625		647		623
Professional service fees		229		254		222		212		222
Fiduciary bond		18		44		158		155		155
Custodian fees		132		129		133		141		134
General and administrative expenses		258		216		222		214		217
Depreciation		2		3		3		2		2
Total operating expenses		2,805		2,723		2,727		2,791		2,752
Operating income		177		245		(274)		(226)		(167)
Nonoperating income		-		-		-				
Income before special item		177		245		(274)		(226)		(167)
Special item						-				
Change in net position	\$	177	\$	245	\$	(274)	\$	(226)	\$	(167)
Net Position at Year-End										
Investment in capital assets	\$	1	\$	3	\$	5	\$	7	\$	6
Unrestricted	Ψ	682	Ψ	503	Ψ	256	Ψ	528	φ	755
Total net position	\$	683	\$	506	\$	261	\$	535	\$	761
	Ψ	000	Ψ		Ψ	201	Ψ		Ψ	/01
<b>Restatements of Net Position</b>										
Net position at beginning of year	\$	506	\$	261	\$	535	\$	761	\$	928
Effect of change in accounting principle Net position at beginning of year, restated	\$	- 506	\$	- 261	\$	- 535	\$	- 761	\$	- 928

	2010	2	009	2	2008	2007			2006
\$	1,468	\$	1,210	\$	1,257	\$	1,179	\$	1,389
	1,277		1,158		1,060		949		959
	107		85		109		108		96
	2,852		2,453		2,426		2,236		2,444
	1,276		1,158		1,060		949		960
	637		598		166		-		-
	202		319		196		204		160
	155		155		155		155		119
	107		85		109		108		98
	205		231		566		674		726
	3		6		13		5		3
	2,585		2,552		2,265		2,095		2,066
	267		(99)		161		141		378
					14		_		
	267		(99)		175		141		378
	_				38		-		-
\$	267	\$	(99)	\$	213	\$	141	\$	378
\$	1	\$	4	\$	10	\$	9	\$	13
Ŧ	927	Ŧ	657	Ŧ	750	+	510	Ŧ	365
\$	928	\$	661	\$	760	\$	519	\$	378
\$	661	\$	760	\$	519	\$	378	\$	-
	-	<u> </u>	-		28		-		-
\$	661	\$	760	\$	547	\$	378	\$	-

## Table 7: Schedule of Net Asset Values — Consolidated Fund Operating and Special Purpose Pools

## June 30, 2015

(In Thousands except for Investment Unit Data)

				WV								
			Go	vernment	W	/V Short						
	W	/V Money		Money	Τe	erm Bond	V	VV Bank			R	eserve
	Μ	arket Pool	Ma	rket Pool		Pool		Pool	L	oan Pool		Pool
Paid-in capital	\$	1,890,872	\$	248,503	\$	761,227	\$	116,111	\$	125,210	\$	18,716
Accumulated undistributed net investment income (loss)		-		-		-		-		-		-
Accumulated undistributed net realized gain (loss)		-		-		-		-		-		-
Unrealized net appreciation						222						
(depreciation) of investments Net position at value	\$	1,890,872	\$	248,503	\$	223 761,450	\$	- 116,111	\$	125,210	\$	- 18,716
Investment unit data:												
Units outstanding	1,8	390,872,033	24	8,502,810		7,489,619	11	6,110,682	12	5,210,123	18	,715,777
Net position, unit price	\$	1.00	\$	1.00	\$	101.67	\$	1.00	\$	1.00	\$	1.00

## Table 8: Portfolio Statistics — Consolidated Fund Operating Pools

# June 30, 2015

	West Virginia Money Market	WV Government Money Market	WV Short Term Bond Pool
Weighted Average Days to Maturity	47 days	51 days	N/A
Maximum Weighted Average Investment Maturity Term Per Board Guidelines	60 days	60 days	N/A
Effective Duration	N/A	N/A	410 days
Maximum Effective Duration Per Board Guidelines	N/A	N/A	731 days
Money Market Yield - Monthly	0.14%	0.05%	N/A

The money market yield represents the rate of income, net of expenses, earned over the past month and is not intended to indicate future performance. The return is annualized over a 365-day year, assuming no reinvestment of earnings.

# Table 9: Participant Net Asset Values — Consolidated Fund Operating Pools

# June 30, 2015

# (In Thousands)

WV Money Market Pool						
State Agencies:			Local Governments:			
WV State Treasurer's Office:			Brooke County Board of Education	1	12,687	
State Participation	\$	80,694	Mercer County Board of Education	1	15,500	
Banking Services		630,638	Fayette County Board of Education		9,076	
Safekeeping		17,836	Boone County Commission		6,804	
Safe Road Bonds		37	Marshall County Board of Education		7,812	
Veterans Lottery		1,153	Fayette County Commission		2,628	
Total WV State Treasurer's Office		730,358	Barbour County Board of Education		3,041	
Higher Education Policy Commission		262,876	Roane County Board of Education		2,585	
Department of Environmental Protection		27,087	Kanawha County Emergency Ambulance Authority		1,983	
Department of Health and Human Resources		8,077	City of Parkersburg		2,133	
WV Lottery Commission		95,764	Lewis County Board of Education		1,066	
Public Employees Insurance Agency		134,009	Wyoming County Board of Education		1,030	
Department of Transportation		128,687	Braxton County Board of Education		2,437	
Regional Jail Authority		37,336	Pleasants County Board of Education		1,836	
Water Development Authority		24,929	Lincoln County Board of Education		2,718	
Division of Natural Resources		59,427	Cabell County Board of Education		1,138	
WV Municipal Pension Oversight Board		28,194	Greenbrier County Board of Education		1,353	
Board of Risk and Insurance Management		17,219	City of Hinton		1,099	
WV Economic Development Authority		35,300	Other		8,951	
Insurance Commission		8,214	Total Local Governments	8	85,877	
WV Secretary of State's Office		5,543	Total net asset value	\$ 1,89	0,872	
School Building Authority		1,629				
West Virginia University		50,126				
Performance and wage bond accounts		21,942				
Department of Commerce		100,097				
Department of Education and the Arts		7,459				
Department of Administration		5,571				
Other		15,151				
Total State Agencies		1,804,995				

WV Government Money Market Po	ol	
State Agencies:		
Municipal Bond Commission		175,315
WV Housing Development Fund		8,942
WV Economic Development Authority		9,291
Other		8,460
Total State Agencies		202,008
Local Governments:		
Preston County Board of Education		5,509
Hardy County Board of Education		2,549
Kanawha County Sheriff		18,177
Jefferson County Board of Education		2,871
Hancock County Commission		1,098
Wayne County Board of Education		15,526
Other		765
Total Local Governments		46,495
Total net asset value		248,503

WV Short Term Bond Pool			
State Agencies:			
WV State Treasurer's Office:			
State Participation	\$	278,386	
Banking Services		163,133	
Prepaid Tuition Escrow		18,537	
Total WV State Treasurer's Office		460,056	
Department of Environmental Protection		207,783	
WV Economic Development Authority		16,895	
Department of Administration		5,650	
Higher Education Policy Commission		5,608	
WV Court of Claims		2,044	
Public Employees Insurance Agency		5,666	
WV Parkways Authority		3,162	
Department of Transportation		2,073	
Division of Culture and History		1,324	
WV Lottery Commission		47,015	
Other		790	
Total State Agencies		758,066	
Local Governments:			
City of Charleston		2,752	
Other		632	
Total Local Governments		3,384	
Total net asset value	\$	761,450	

# Glossary of Financial and Investment Terms

- Agency Securities Securities issued by U.S. Government agencies, such as the Federal Home Loan Bank. These securities have high credit ratings but are not backed by the full faith and credit of the U.S. Government.
- Asset-Backed Notes Financial instruments collateralized by one or more types of assets including real property, mortgages, and receivables.
- **Banker's Acceptance** A high quality, short-term negotiable discount note drawn on and accepted by banks that are obligated to pay the face amount at maturity.
- **Basis Point** The smallest measure used in quoting yields or returns. One basis point is 0.01% of yield. One hundred basis points equals 1%. For example, a yield that changed from 8.75% to 9.50% increased by 75 basis points.
- **Benchmark** A standard unit used as the basis of comparison; a universal unit that is identified with sufficient detail so that other similar classifications can be compared as being above, below, or comparable to the benchmark.
- Capital Gain (Loss) Also known as capital appreciation (depreciation), capital gain (loss) measures the increase (decrease) in value of an asset over time.
- Certificates of Deposit (CDs) A debt instrument issued by banks, usually paying interest, with maturities ranging from seven days to several years.
- **Commercial Paper** Short-term obligations with maturities ranging from one to 270 days. They are issued by banks, corporations, and other borrowers to investors with temporarily idle cash.
- **Compounded Annual Total Return** Compounded annual total return measures the implicit annual percentage change in value of an investment, assuming reinvestment of dividends, interest, and realized capital gains, including those attributable to currency fluctuations. In effect, compounded annual total return smoothes fluctuations in long-term investment returns to derive an implied year-to-year annual return.
- **Consumer Price Index (CPI)** A measure of change in consumer prices, as determined by a monthly survey of the U.S. Bureau of Labor Statistics. Components of the CI include housing costs, food, transportation, electricity, etc.
- Cumulative Rate of Return A measure of the total return earned for a particular time period. This calculation measures the absolute percentage change in value of an investment over a specified period, assuming reinvestment of dividends, interest income, and realized capital gains. For example, if a \$100 investment grew to \$120 in a two-year period, the cumulative rate of return would be 20%.
- **Derivative** Derivatives are generally defined as contracts whose value depends on, or derives from, the value of an underlying asset, reference rate, or index. For example, an option is a derivative instrument because its value derives from an underlying stock, stock index, or future.

- **Discount Rate** The interest rate that the Federal Reserve charges banks for loans, using government securities or eligible paper as collateral.
- **Expense Ratio** The amount, expressed as a percentage of total investment, that shareholders pay for mutual fund operating expenses and management fees.
- Federal Funds Rate The interest rate charged by banks with excess reserves at a Federal Reserve district bank to banks needing overnight loans to meet reserve requirements. The federal funds rate is one of the most sensitive indicators of the direction of interest rates because it is set daily by the market.
- Federal Reserve Board The governing body of the Federal Reserve System (twelve regional Federal banks monitoring the commercial and savings banks in their regions). The board establishes FRS policies on such key matters as reserve requirements and other regulations, sets the discount rate, and tightens or loosens the availability of credit in the economy.
- **Gross Domestic Product (GDP)** Total final value of goods and services produced in the United States over a particular period or time, usually one year. The GDP growth rate is the primary indicator of the health of the economy.
- Index A benchmark used in executing investment strategy which is viewed as an independent representation of market performance. An index implicitly assumes cost-free transactions; some assume reinvestment of income. Examples: S&P Index, Lehman Brothers Aggregate Index, Russell 2000 Index.
- **Inflation** A measure of the rise in price of goods and services, as happens when spending increases relative to the supply of goods on the market, i.e. too much money chasing too few goods.
- Investment Income The equity dividends, bond interest, and/or cash interest paid on an investment.
- Market Value Also known as fair value. The price at which buyers and sellers trade similar items in an open marketplace. Stocks and bonds are valued at a market price. Real estate is valued on an appraised basis.
- Maturity Date The date on which the principal amount of a bond or other debt instrument becomes payable or due.
- Money Market Fund An open-ended mutual fund that invests in commercial paper, bankers' acceptances, repurchase agreements, government securities, certificates of deposit, and other highly liquid and safe securities and pays money market rates of interest. The fund's net asset value remains a constant \$1 per share only the interest rate goes up or down.
- Net Asset Value (NAV) The total assets minus total liabilities, including any valuation gains or losses on investments or currencies, and any accrued income or expense.
- **Par Value** The stated or face value of a stock or bond. It has little significance for common stocks; however, for bonds it specifies the payment amount at maturity.
- **Principal** Face value of an obligation, such as a bond or a loan, that must be repaid at maturity.

- **Realized Gain (Loss)** A gain (loss) that has occurred financially. The difference between the principal amount received and the cost basis of an asset realized at sale.
- **Repurchase Agreements (Repos)** An agreement to purchase securities from an entity for a specified amount of cash and to resell the securities to the entity at an agreed upon price and time. Repos are widely used as a money market instrument.
- Reverse Repurchase Agreements (Reverse Repos) An agreement to sell securities to an entity for a specified amount of cash and to repurchase the securities from the entity at an agreed upon price and time.
- **Treasury Bill (T-Bill)** Short-term, highly liquid government securities issued at a discount from the face value and returning the face amount at maturity.
- **Treasury Bond or Note** Debt obligations of the Federal government that make semi-annual coupon payments and are sold at or near par value in denominations of \$1,000 or more.
- **Turnover** The minimum of security purchases or sales divided by the fiscal year's beginning and ending market value for a given portfolio.
- **Unrealized Gain (Loss)** A profit (loss) that has not been realized through the sale of a security. The gain (loss) is realized when a security or futures contract is actually sold or settled.
- Variable Rate Note Floating rate notes with a coupon rate adjusted at set intervals, such as daily, weekly, or monthly, based on different interest rate indices, such as LIBOR, Fed Funds, and Treasury Bills.
- **Volatility** A statistical measure of the tendency of a market price or yield to vary over time. Volatility is said to be high if the price, yield, or return typically changes dramatically in a short period of time.
- Yield The return on an investor's capital investment.