# **Unaudited Financial Statements With Other Financial Information**

# West Virginia Board of Treasury Investments Consolidated Fund

For the Month and Fiscal Year to Date Ended October 31, 2022

Fiscal Year is July 1, 2022 through June 30, 2023

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## West Virginia Board of Treasury Investments Consolidated Fund

## Unaudited Financial Statements with Other Financial Information For the Month and Fiscal Year to Date Ended October 31, 2022

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## West Virginia Board of Treasury Investments Consolidated Fund Combining Statement of Fiduciary Net Position -- Unaudited

### October 31, 2022

#### (In Thousands)

	/V Money arket Pool	 WV vernment ey Market Pool	VV Short erm Bond Pool	WV B	ank Pool
Assets					
Investments:					
At amortized cost	\$ 8,838,419	\$ 276,224	\$ -	\$	66
At fair value	-	-	681,917		-
Receivables:					
Accrued interest	9,653	147	3,876		-
Dividends	566	1	9		-
Receivable for investments sold	-	-	-		-
Other	7	-	-		-
Total receivables	 10,226	 148	 3,885		-
Total assets	 8,848,645	 276,372	 685,802		66
Liabilities					
Accrued expenses	1,318	56	182		1
Dividends payable	-	-	383		-
Payable for investments purchased	9,524	-	-		-
Total liabilities	 10,842	 56	 565		1
Net Position					
Held in trust for investment pool participants	8,837,803	276,316	685,237		-
Held in trust for individual investment account holders	-	-	-		65
Total net position	\$ 8,837,803	\$ 276,316	\$ 685,237	\$	65

Lo	an Pool	I Reserve Pool		Сог	unicipal Bond mmission .ccount		ool Fund ccount	Deve Aut An Wo	onomic elopment thority - nerican odmark ccount		Total
\$	13,356	\$	-	\$	-	\$	-	\$	-	\$	9,128,065
	-		-		39,674		1,107		1,463		724,161
	9		-		31		-		19		13,735
	-		-		-		3		-		579
	-		-		-		-		-		-
	-		-		- 31		- 2		-		7
	9 13,365		-		39,705		3		19		14,321 9,866,547
	15,500				55,105		1,110		1,102		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	3		-		-		-		1		1,561
	-		-		-		-		-		383
	-		-		-		-		-		9,524
	3		-		-		-		1		11,468
											0.500.056
	-		-		- 20 705		-		- 1 401		9,799,356
\$	13,362 13,362	\$	-	\$	<u>39,705</u> <u>39,705</u>	\$	1,110 1,110	\$	1,481 1,481	\$	55,723 9,855,079
Ψ	15,502	Ψ	-	ψ	57,105	Ψ	1,110	Ψ	1,701	ψ	7,055,079

## West Virginia Board of Treasury Investments Consolidated Fund Combining Statement of Changes in Fiduciary Net Position -- Unaudited *(Continued)*

### For the Periods Ended October 31, 2022

	WV Money	Market Pool	WV Govern	ment Money
	Month of	<b>Fiscal Year</b>	Month of	Fiscal Year
	October	(4 Months)	October	(4 Months)
Additions				
Investment income:				
Interest	\$ 11,777	\$ 35,211	\$ 294	\$ 811
Dividends	566	1,721	1	5
Net (amortization) accretion Provision for uncollectible loans	12,065	35,861	414	1,187
Total investment income	24,408	72,793	709	2,003
Investment expenses:				
Investment advisor fees	214	820	7	26
Custodian bank fees	21	82	1	5
Administrative fees	106	410	4	16
Total investment expenses	341	1,312	12	47
Net investment income	24,067	71,481	697	1,956
Net realized gain (loss) from investments	-	2	-	-
Net increase (decrease) in fair value of investments				
Net increase (decrease) in net position from operations	24,067	71,483	697	1,956
Participant transaction additions:				
Purchase of pool units by participants	1,089,446	5,247,766	23,941	113,353
Reinvestment of pool distributions	24,067	71,473	696	1,956
Contibutions to individual investment accounts	-	-	-	-
Total participant transaction additions	1,113,513	5,319,239	24,637	115,309
Total additions	1,137,580	5,390,722	25,334	117,265
Deductions				
Distributions to pool participants:				
Net investment income	24,067	71,481	697	1,956
Net realized gain (loss) from investments	-	2	-	-
Total distributions to pool participants	24,067	71,483	697	1,956
Participant transaction deductions:				
Redemption of pool units by participants	1,025,018	4,594,590	7,694	71,106
Withdrawals from individual investment accounts	-	-	-	-
Total participant transaction deductions	1,025,018	4,594,590	7,694	71,106
Total deductions	1,049,085	4,666,073	8,391	73,062
Net increase (decrease) in net position	88,495	724,649	16,943	44,203
Inter-pool transfers in	-	-	-	-
Inter-pool transfers out	-	-	-	-
Net inter-pool transfers in (out)	-	-	-	-
Change in net position	88,495	724,649	16,943	44,203
Net position at beginning of period	8,749,308	8,113,154	259,373	232,113
Net position at end of period	\$ 8,837,803	\$ 8,837,803	\$ 276,316	\$ 276,316
The position at end of period	φ 0,057,005	\$ 0,057,005	φ 270,510	φ 270,510

WV	Short Te	rm Bond Pool	WV B	ank Po				Pool			Reserv	<b>Reserve Pool</b>	
	nth of	Fiscal Year	Month of		cal Year		onth of		al Year		nth of	<b>Fiscal Year</b>	
Oc	tober	(4 Months)	October	(4 ]	Months)	0	ctober	(4 N	(Ionths)	Oc	tober	(4 N	Aonths)
\$	1,349	\$ 5,031	\$-	\$	6	\$	9	\$	268	\$	-	\$	72
	9	37	-		4		-		1		-		1
	(192)	(945)	-		-		-		-		-		-
	1,166	4,123	-	. <u> </u>	- 10		- 9		269		-		- 73
	35	140	-		-		-		-		-		-
	2 9	7 35	-		- 1		-		- 4		-		-
	46	182		·	1		-		4		-		
	1,120	3,941		·	9		9		265				73
	(737)	(3,249)	-		9		9		203		-		/3
	(1,353)	(7,752)			-		-		-		-		-
	(970)	(7,060)	-		9		9		265		-		73
	-	2	_		_		_		-		-		-
	974	3,694	-		-		-		-		-		-
	-	-	-		15		1,708		3,663		1		93
	974	3,696	-		15		1,708		3,663		1		93
	4	(3,364)	-		24		1,717		3,928		1		166
	1,120	3,941	-		_		_		_		_		_
	(737)	(3,249)	-		-		-		-		-		-
	383	692	-		-		-		-		-		-
	812	2,512	-		-		-		-		-		-
	-				20,165		2	-	105,661		4		20,173
	812	2,512	-		20,165		2		105,661		4		20,173
	1,195	3,204			20,165		2		105,661		4		20,173
	(1,191)	(6,568)	-		(20,141)		1,715	(	101,733)		(3)		(20,007
	-	-	-		-		-		-		-		-
	-				-		-		-		-		-
	-				-		-		-		-		
	(1,191)	(6,568)	-		(20,141)		1,715		101,733)		(3)		(20,007
	686,428	691,805	65	<u>_</u>	20,206	¢	11,647		115,095	<u>ф</u>	3	<u></u>	20,007
» t	685,237	\$ 685,237	\$ 65	\$	65	\$	13,362	\$	13,362	\$	-	\$	-

## West Virginia Board of Treasury Investments Consolidated Fund Combining Statement of Changes in Fiduciary Net Position -- Unaudited *(Continued)*

### For the Periods Ended October 31, 2022

	Muni	cipal Bor	nd Comr	nission	S	School Fu	nd Acco	ount
	Mo	nth of tober	Fisca	al Year (onths)	Mo	onth of ctober	Fisc	al Year Ionths)
Additions								
Investment income:								
Interest	\$	6	\$	25	\$	-	\$	-
Dividends		-		-		3		8
Net (amortization) accretion		-		-		-		-
Provision for uncollectible loans		-		-		-		-
Total investment income		6		25		3		8
Investment expenses:								
Investment advisor fees		-		-		-		-
Custodian bank fees		-		-		-		-
Administrative fees		-		-		-		-
Total investment expenses		-		-		-		-
Net investment income		6		25		3		8
Net realized gain (loss) from investments		-		-		-		-
Net increase (decrease) in fair value of investments		-		-		-		-
Net increase (decrease) in net position from operations		6		25		3		8
Participant transaction additions:								
Purchase of pool units by participants		-		-		-		-
Reinvestment of pool distributions		-		-		-		-
Contibutions to individual investment accounts		-		-		-		-
Total participant transaction additions		-		-		-		-
Total additions		6		25		3		8
Deductions								
Distributions to pool participants:								
Net investment income		-		-		-		-
Net realized gain (loss) from investments		-		-		-		-
Total distributions to pool participants		-		-		-		-
Participant transaction deductions:								
Redemption of pool units by participants		-		-		-		-
Withdrawals from individual investment accounts		-		-		-		-
Total participant transaction deductions		-		-		-		-
Total deductions		-		-		-		-
Net increase (decrease) in net position		6		25		3		8
Inter-pool transfers in		-		-		-		-
Inter-pool transfers out		-		-		-		-
Net inter-pool transfers in (out)		-		-		-		-
Change in net position		6		25		3		8
Net position at beginning of period		39,699		39,680		1,107		1,102
Net position at end of period		39,705		39,705	\$	1,110	\$	1,110
For position at end of period	φ	57,105	Ψ	57,105	Ψ	1,110	φ	1,110

	onomic D				То	
	nth of		al Year		onth of	Fiscal Year
Oct	ober	(4 M	(onths)		october	(4 Months)
\$	8	\$	31	\$	13,443	\$ 41,455
	-		-		579	1,777
	(2)		(6)		12,285	36,097
	- 6		- 25		26,307	79,329
	-		-		256	986
	-		-		24	94
	1		1		120	467
	1		1		400	1,547
	5		24		25,907	77,782
	-		-		(737)	(3,247)
	(6)		(31)		(1,359)	(7,783)
	(1)		(7)		23,811	66,752
	_		_	1	,113,387	5,361,121
	_		-	1	25,737	77,123
	-		-		1,709	3,771
	-		-	1	,140,833	5,442,015
	(1)		(7)	1	,164,644	5,508,767
					25.994	77 270
	-		-		25,884	77,378
	-		-		(737) 25,147	(3,247) 74,131
				1	,033,524	4,668,208
	-		- 45	1	,033,324 6	146,044
	-		45	1	,033,530	4,814,252
	-		45	1	,058,677	4,888,383
	(1)		(52)		105,967	620,384
	(1)		(52)		100,707	020,004
	-		-		-	-
	-		-		-	
	(1)		(52)		105,967	620,384
*	1,482		1,533	-	,749,112	9,234,695
\$	1,481	\$	1,481	\$9	,855,079	\$ 9,855,079

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## West Virginia Board of Treasury Investments

## Consolidated Fund

## Notes to Unaudited Financial Statements

#### October 31, 2022

#### **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 Consolidated Fund is the statutory title of the fund that collectively refers to the investment pools and accounts that the BTI manages. The BTI operates on a fiscal year that begins July 1 and ends June 30. The BTI is considered a component unit of the State and its financial statements are presented in the State's comprehensive annual financial report.

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 directly 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 is required to be a certified public accountant and one is required to be an attorney, with both having 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 Pool** – 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 Federated Hermes and UBS Global Asset Management.

**WV Government Money Market Pool** – This pool consists of State agency and local government 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 backed by U.S. Government and Agency Obligations. The pool is managed by UBS Global Asset Management.

WV Short Term Bond Pool – 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 Sterling Capital Management.

**WV Bank Pool** – This account consists of certificates of deposit purchased by the State through the West Virginia CD Program. The program purchases CDs from state banks and depositories to make state investment funds available for consumer and business loans within the state. The State is the sole participant in this account.

Loan Pool – This account is composed of intergovernmental loans made by the Consolidated Fund to other state agencies. There are three loan programs authorized by statute that are accounted for in the Loan Pool: the WVEDA Revolving Loan, the WVEDA Broadband Loan, and the WVDOT Infrastructure Investment Revolving Loan. Effective August 26, 2022, the WVEDA Revolving Loan program was paid in full, and the loan program closed. The State is the sole participant in the account.

**Reserve Pool** – This account is composed of an interest-bearing depository account with United Bank. 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 account was to provide support for the WV Money Market and WV Government Money Market Pools to ensure their unit net position does not fall below \$0.9985. The State was the sole participant in this account. This account was closed effective October 19, 2022.

**Participant Directed Accounts** – The BTI also maintains accounts for individual State agencies with specific investment needs. These accounts are collectively referred to as Participant Directed Accounts and include the following: Municipal Bond Commission ("MBC"), School Fund, and Economic Development Authority – American Woodmark ("EDA – AW"). Each agency is the sole owner of its account and is responsible for providing the BTI with investment guidelines that are consistent with the legal restrictions applicable to the assets in the account. The BTI manages these accounts in accordance with the accounts' investment guidelines and directions from the account owners.

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 five percent be invested in securities issued by a single private corporation or association.

#### 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 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) and

six individual investment accounts (WV Bank, Loan, Reserve, Municipal Bond Commission, School Fund, and Economic Development Authority – American Woodmark).

### Cash Equivalents

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

#### **Investment Carrying Value**

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, and Reserve pools or accounts are carried at amortized cost, as permissible under Governmental Accounting Standards Board ("GASB") Statement No. 31, as amended by GASB Statement Nos. 72 and 79. The WV Money Market and WV Government Money Market pools measure all investments at amortized cost for financial reporting purposes in accordance with criteria established in GASB Statement No. 79. The criteria specify that the pools must transact with their participants at a stable net asset value per share and meet requirements for portfolio maturity, portfolio quality, portfolio diversification, portfolio liquidity, and shadow pricing. The BTI does not place any limitations or restrictions on participant withdrawals from the WV Money Market and WV Government Money Market pools, such as redemption notice periods, maximum transaction amounts, nor possess authority to impose liquidity fees or redemption gates.

The specific exceptions to fair value reporting for the other pools and accounts referred to above are defined in professional standards as follows. The WV Bank Pool contains nonnegotiable certificates of deposit, which are nonparticipating interest-earning investment contracts. The Loan Pool contains loans receivable arising from lending activities of economic development authorities. The Reserve Pool contains a bank depository account that has no market.

The investments of the remaining pools and participant accounts are reported at fair value, which is determined by third party pricing services based on asset portfolio pricing models and other sources. The BTI measures fair value at the end of each month. See Note 5 for a discussion and summary of the measurement of the fair values. 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.

#### **Repurchase Agreements**

The BTI uses only tri-party repurchase agreements. Under the terms of a tri-party 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.

#### **Asset-backed Securities**

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.

#### **Dividend Income**

Dividend income is recognized on the ex-dividend date.

#### Amortization

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. Historical prepayment speeds are obtained from market data vendors and are updated annually. The effect of changing prepayment assumptions is reported in the Combined Statement of Changes in Fiduciary Net Position in the year of the change.

#### Allowance for Loan Losses

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 October 31, 2022, the Loan Pool had no allowance for uncollectible loans.

#### **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.

#### Expenses

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

#### 3. Investments

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.

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.

#### 4. Investments Measured at Fair Value

The BTI measures the WV Short Term Bond Pool, the Municipal Bond Commission Account, the School Fund Account, and the EDA-AW Account at fair value for financial reporting purposes. GASB Statement No. 72 defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Fair value is a market-based measurement, not an entity-specific measurement. The BTI categorizes fair value measurements within the fair value hierarchy established by accounting principles generally accepted in the Unites States of America.

The fair value hierarchy categorizes the inputs to valuation techniques used to measure fair value into three levels as follows:

Level 1 inputs – Quoted prices (unadjusted) for identical assets or liabilities in active markets that a government can access at the measurement date.

Level 2 inputs – Inputs – other than quoted prices included within Level 1 – that are observable for an asset or liability, either directly or indirectly.

Level 3 inputs – Unobservable inputs for an asset or liability.

The fair value hierarchy gives the highest priority to Level 1 inputs and the lowest priority to Level 3 inputs.

Investment Type	Level 1	Level 2	Level 3	Total
U.S. Treasury Notes	\$ 140,233	\$ -	\$ -	\$ 140,233
U.S. Government Agency Bonds	-	8,222	-	8,222
U.S. agency collateralized mortgage obligations	-	11,108	-	11,108
Corporate fixed-rate bonds and notes	-	319,275	-	319,275
Corporate floating-rate bonds and notes	-	33,715	-	33,715
Commercial-mortgage-backed securities	-	18,039	-	18,039
Municipal Securities	-	42,951		42,951
Asset-backed securities	-	104,393	-	104,393
Money Market Funds	3,981			3,981
	\$ 144,214	\$ 537,703	\$ -	\$ 681,917

The table below summarizes the recurring fair value measurements of the investment securities in the WV Short Term Bond Pool in accordance with the fair value hierarchy levels as of October 31, 2022 (in thousands).

The valuation methodologies and inputs presented below are used in the fair value measurements for investments in securities in the WV Short Term Bond Pool classified as Level 2 in the preceding table.

#### **U.S. Government Agency Bonds**

Level 2 U.S. government agency bond are priced using spread, yield and price-based evaluations. For spread- and yield-based evaluations, a bullet (non-call) spread scale is created for relevant maturities for each issuer. The spreads are based on the new issue market, secondary trading and dealer quotes. For price-based evaluations, evaluators use recently executed transactions of similar securities and dealer quotes to arrive at appropriate pricing.

#### U.S. Agency Collateralized Mortgage Obligations

Level 2 U.S. agency collateralized mortgage obligations are evaluated using predicted cash flows, adjusted by an applicable spread/yield/price adjustment incorporating benchmark yields, collateral performance, and prevailing market conditions.

#### **Corporate Fixed-Rate Bonds and Notes**

Level 2 corporate fixed rate bonds and notes are priced using spread, yield and price-based evaluations. For spread- and yield-based evaluations, a bullet (non-call) spread scale is created for relevant maturities for each issuer. The spreads are based on the new issue market, secondary trading and dealer quotes. For price-based evaluations, evaluators use recently executed transactions of similar securities and dealer quotes to arrive at appropriate pricing.

#### **Corporate Floating-Rate Bonds and Notes**

Level 2 corporate floating-rate bonds and notes are evaluated by calculating current and future coupons, then discounting each cash flow by an appropriate discount margin. A basic yield scale covering a range of quality ratings and maturities is established for the corresponding indices. The yield scale consists of discount margins obtained from primary and secondary dealers in the new issue market. Final yields are calculated by adding the appropriate discount margin to each forward rate plus special adjustments to

capture issue-specific characteristics, as applicable. The resulting yields are then used to discount each expected cash flow.

#### **Commercial Mortgage-Backed Securities**

Level 2 commercial mortgage-backed securities are evaluated using predicted cash flows, adjusted by an applicable spread/yield/price adjustment incorporating benchmark yields, collateral performance, third-party real estate analysis, and prevailing market conditions.

#### **Municipal Securities**

Level 2 municipal securities are evaluated based on factors such as trading activity reported through the Municipal Securities Rulemaking Board's Real-time Transaction Reporting System, levels on bellwether issues, established trading spreads between similar issuers or credits, historical trading spreads over widely accepted market benchmarks, new issue scales and other relevant market data.

#### **Asset-Backed Securities**

Level 2 asset-backed securities are evaluated using predicted cash flows, adjusted by an applicable spread/yield/price adjustment incorporating benchmark yields, collateral performance, and prevailing market conditions.

The Municipal Bond Commission Account holds Treasury Securities – State and Local Government Series ("SLGS") issues that are reported at historical cost (face value) of \$39,674,000. SLGS are special purpose securities the U.S. Department of the Treasury issues to state and local government entities, upon request by those entities, to assist them in complying with federal tax laws and Internal Revenue Service arbitrage regulations when they have cash proceeds to invest from their issuance of tax-exempt bonds. There is no market for these securities as they may only be redeemed at the U.S. Department of Treasury on or before their stated maturity date at face value plus accrued interest.

The EDA-AW Account holds a U.S. Treasury bond reported at a fair value of \$1,462,000 using Level 1 inputs.

#### 5. Related Party Transactions

#### **Intergovernmental Investments**

The BTI is required by law to enter into certain investment transactions with other state entities. At October 31, 2022, the BTI's intergovernmental investments, which are assets of the Loan Pool account, 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 \$200,000,000, subject to a liquidity determination, 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 fifty percent of the loan rate received by the WVEDA for loans made under the program. The rate for the year ending June 30, 2023, is 1.63%. 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. During the 2022 2<sup>nd</sup> Special Session, the Legislature passed Senate Bill 2001. Senate Bill 2001, which became effective April 26, 2022, created the Economic Development Project Fund within the WVEDA. Provisions of Senate Bill 2001 require the WVEDA to repay the outstanding balance of the WVEDA Revolving Loan within 30 days of the deposit of sufficient funds into the Economic Development Project Fund. Upon repayment of the outstanding balance, the WVEDA Revolving Loan will be terminated, and no more loans may be made under the loan program. During the month of August 2022, the WVEDA received an appropriation that resulted in sufficient funds being deposited into the Economic Development Project Fund to repay the full outstanding balance of the WVEDA Revolving Loan. The full balance was paid to the BTI on August 26, 2022 and the loan program was closed.

b. The "WVEDA Broadband Loan" represents an obligation of the WVEDA. Under the statutory provisions governing the loan program, the BTI is required to make available to the WVEDA, from the Consolidated Fund, up to \$80 million to insure the payment or repayment of any debt entered into by an entity for purposes of expanding broadband services to unserved and underserved areas of the state. The loan is structured as a non-recourse, revolving loan that is payable by the WVEDA solely from moneys received in respect to the insured debt instruments. The WVEDA may not insure more than \$20 million per entity in one calendar year. The loan has a variable rate equal to the 12-month average yield on the WV Money Market Pool. The rate resets quarterly and the maximum annual adjustment may not exceed 1.00%. For the quarter ending December 31, 2022, the annualized rate is 0.83%. The WVEDA is required to make quarterly payments to pay all accrued interest on the loan for the prior quarter. On a quarterly basis, the WVEDA determines the outstanding balance of the insured debt covered by the loan and adjusts the outstanding balance of the insured debt. At October 31, 2022, the outstanding balance was \$13,255,000.

As of October 31, 2022, the WVEDA has provided the BTI with Notices of Intent to Request Advance (the "Notices") indicating that the WVEDA has committed to provide insurance for broadband expansion related debt instruments totaling \$52,708,000. The loan insurance commitments cover nine broadband expansion related debt instruments for five separate broadband service providers. The WVBTI has transferred \$13,255,000 to the WVEDA for outstanding balances on insured debt instruments. The remaining \$39,453,000 committed for loan insurance is held by the West Virginia State Treasurer's Office in an account in the West Virginia Money Market Pool. As of October 31, 2022, the insured debt instruments are in good standing and the likelihood of a default appears remote.

c. The "WVDOT Infrastructure Investment Revolving Loan" represents an obligation of the West Virginia Department of Transportation (the "WVDOT"). During the 2022 2<sup>nd</sup> Special Session, the Legislature passed Senate Bill 2001. Under the provisions of Senate Bill 2001, the BTI is required to make available to the WVDOT, from the Consolidated Fund, up to \$200 million for deposit in the Infrastructure Investment Reimbursement Fund (the "Reimbursement Fund"). The WVDOT may make payment of expenses from the Reimbursement Fund that are eligible for cost reimbursement according to an agreement with the federal government pursuant to the Infrastructure Investment and Jobs Act. Reimbursements received by the WVDOT from the federal government are required to be deposited in the Fund. Any balance remaining in the Fund at the end of the fiscal year is required to be transferred back to the Consolidated Fund. Loans made to the WVDOT under this loan program will bear no interest. The loan program will terminate on June 30, 2027. By this date, 100 percent of any expenditures made from the Fund must be repaid. As of October 31, 2022, there is no outstanding balance in this loan program.

(In thousands)

#### WEST VIRGINIA MONEY MARKET POOL

SECURITY NAME	% of <u>POOL</u>	COUPO	N	YIELD	MATURITY	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE*</u>
U.S. Treasury Notes		4.146.04		4.150.0/	04/20/2022	25 500	¢ 27.502	¢ 25.500
United States Treasury		4.146 %	F	4.159 %	04/30/2023	37,500	\$ 37,502	\$ 37,538
Total U. S. Treasury Notes	0.4%						37,502	37,538
Commercial Paper								
Credit Agricole		0.000		3.093	11/01/2022	145,000	145,000	144,988
Versailles		0.000		2.931	11/01/2022	13,000	13,000	12,999
Anglesea Funding		0.000		3.174	11/01/2022	31,000	31,000	30,997
Atlantic Asset Securities Corporation		0.000		3.103	11/01/2022	100,000	100,000	99,991
Barton Capital Corporation		0.000		3.131	11/01/2022	165,000	165,000	164,986
DZ Bank		0.000		3.088	11/01/2022	375,000	375,000	374,969
Federation Des Caisses		0.000		3.094	11/01/2022	30,000	30,000	30,000
Longship Funding LLC		0.000		3.114	11/01/2022	100,000	100,000	99,991
Societe Generale		0.000		2.829	11/01/2022	180,000	180,000	179,985
Starbird Funding Corporation		0.000		3.093	11/01/2022	50,000	50,000	49,996
Chariot Funding LLC		3.440	F	3.440	11/01/2022	40,000	40,000	40,000
MUFG Bank LTD		0.000		3.225	11/02/2022	50,000	49,996	49,991
Anglesea Funding		0.000		3.185	11/02/2022	19,000	18,998	18,997
Antalis SA		0.000		2.931	11/02/2022	15,000	14,999	14,997
Atlantic Asset Securities Corporation		0.000		3.152	11/02/2022	50,000	49,996	49,990
BNG Bank NV		0.000		3.104	11/02/2022	35,000	34,997	34,993
Federation Des Caisses		0.000		3.094	11/02/2022	50,000	49,996	49,991
UnitedHealth Group Inc		0.000		3.451	11/02/2022	50,000	49,995	49,991
Credit Agricole		0.000		3.094	11/03/2022	50,000	49,992	49,992
MUFG Bank LTD		0.000		3.199	11/03/2022	225,000	224,961	224,939
Anglesea Funding		0.000		3.185	11/03/2022	150,000	149,974	149,960
Bennington Stark Capital Company		0.000		3.145	11/03/2022	70,000	69,988	69,988
Canadian Imperial Holdings		0.000		0.356	11/03/2022	5,000	5,000	4,999
Federation Des Caisses		0.000		2.880	11/03/2022	20,000	19,997	19,995
NRW Bank		0.000		3.023	11/03/2022	50,000	49,992	49,992
Philip Morris International Inc		0.000		3.186	11/03/2022	50,000	49,991	49,991
Siemens Capital Company LLC		0.000		3.110	11/03/2022	22,000	21,996	21,994
Swedbank AB		3.440	F	3.440	11/03/2022	20,000	20,000	20,001
Barton Capital Corporation		0.000		3.199	11/04/2022	50,000	49,987	49,982
LMA Americas LLC		0.000		2.755	11/04/2022	40,000	39,991	39,985
Sheffield Receivables		0.000		3.249	11/04/2022	25,000	24,993	24,991
TotalEnergies Capital		0.000		3.186	11/04/2022	28,200	28,193	28,193
Collateralized Flex Company LLC		3.290	F	3.290	11/04/2022	15,000	15,000	15,000
National Australia Bank		3.430	F	3.430	11/04/2022	15,000	15,000	15,001
Cancara Asset Securities LLC		0.000		3.204	11/07/2022	75,000	74,961	74,949
Antalis SA		0.000		3.353	11/07/2022	28,000	27,985	27,981
NRW Bank		0.000		3.470	11/07/2022	75,000	74,957	74,952
Sheffield Receivables		0.000		3.207	11/07/2022	115,000	114,939	114,922
Canadian Imperial Holdings		0.000		0.356	11/08/2022	10,000	9,999	9,992
National Bank of Canada		3.250	F	3.250	11/08/2022	15,000	15,000	14,999
Sumitomo Mitsui Trust NY		0.000		2.963	11/09/2022	25,000	24,984	24,979
UnitedHealth Group Inc		0.000		3.615	11/09/2022	50,000	49,960	49,955
Collateralized Flex Company LLC		3.300	F	3.323	11/09/2022	15,000	15,000	15,000
Albion Capital Corporation		0.000		3.655	11/10/2022	15,000	14,986	14,986
Lloyds Bank PLC		0.000		3.218	11/10/2022	25,000	24,980	24,976
Barclays Bank PLC		0.000		3.015	11/10/2022	32,000	31,976	31,969
LMA Americas LLC		0.000		3.684	11/10/2022	14,560	14,547	14,547
NRW Bank		0.000		3.522	11/10/2022	75,000	74,935	74,928
Ridgefield Funding Company LLC		3.380	F	3.380	11/10/2022	20,000	20,000	20,001

*F* – Floating rate note security. \* Fair value is determined by a third party pricing service and reported in accordance with GASB 72. Fair value is not determined for loans. Their reported fair value equals amortized cost.

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

(In thousands)

#### WEST VIRGINIA MONEY MARKET POOL (Continued)

SECURITY NAME	% of POOL	COUPO	N	YIELD	MATURITY	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR VALUE*
United Overseas Bank		3.430	F	3.430	11/10/2022	18,000	18,000	18,000
Cancara Asset Securities LLC		0.000		3.338	11/14/2022	17,150	17,130	17,126
Chesham Finance LTD		3.400	F	3.400	11/14/2022	15,000	15,000	15,001
Toyota Credit Puerto Rico		3.490	F	3.490	11/14/2022	50,000	50,000	50,000
Royal Bank of Canada		0.000		0.407	11/15/2022	5,000	4,999	4,993
Barton Capital Corporation		0.000		3.627	11/15/2022	50,000	49,931	49,931
Mizuho		0.000		2.965	11/15/2022	41,000	40,954	40,939
Chariot Funding LLC		0.000		3.365	11/16/2022	33,000	32,954	32,947
GTA Funding LLC		0.000		3.463	11/17/2022	25,000	24,962	24,957
Sumitomo Mitsui Trust NY		0.000		3.034	11/17/2022	21,000	20,972	20,965
LMA Americas LLC		0.000		2.993	11/18/2022	12,000	11,983	11,978
Manhattan Asset Funding		0.000		3.310	11/18/2022	20,000	19,969	19,964
DBS Bank LTD		0.000		3.383	11/21/2022	38,000	37,930	37,920
Victory Receivables Corporation		0.000		3.362	11/21/2022	60,376	60,265	60,247
Toronto Dominion Bank		3.410	F	3.426	11/21/2022	20,000	20,000	20,003
Barclays Bank PLC		0.000		3.559	11/22/2022	25,000	24,949	24,930
LMA Americas LLC		0.000		3.310	11/22/2022	25,000	24,953	24,943
Mizuho		0.000		3.029	11/25/2022	32,000	31,936	31,918
Bank of Montreal		0.000		3.763	11/28/2022	30,000	29,917	29,914
Matchpoint Finance PLC		0.000		3.014	11/28/2022	20,000	19,956	19,942
Siemens Capital Company LLC		0.000		3.666	11/28/2022	105,000	104,716	104,700
United Overseas Bank		3.240	F	3.240	11/28/2022	15,000	15,000	15,001
Bank of Montreal		3.300	F	3.300	11/30/2022	25,000	25,000	25,002
Canadian Imperial Bank		0.000		0.509	12/01/2022	10,000	9,996	9,969
Nieuw Amrsterdam Receivables		0.000		3.590	12/01/2022	50,000	49,853	49,835
Toronto Dominion Bank		0.000		3.396	12/01/2022	75,000	74,791	74,758
Barclays Bank PLC		0.000		3.518	12/02/2022	20,000	19,940	19,887
Barclays Bank PLC		0.000		3.569	12/02/2022	25,000	24,924	24,859
Mizuho		0.000		3.038	12/02/2022	21,000	20,946	20,930
Collateralized Flex Company LLC		3.500	F	3.500	12/06/2022	20,000	20,000	20,005
United Overseas Bank		0.000		3.178	12/08/2022	32,000	31,897	31,872
Credit Agricole		0.000		3.980	12/14/2022	50,000	49,767	49,767
Atlantic Asset Securities Corporation		0.000		3.669	12/14/2022	25,000	24,892	24,892
Liberty Street Funding LLC		0.000		3.580	12/14/2022	50,000	49,790	49,762
DBS Bank LTD		0.000		3.630	12/15/2022	22,000	21,904	21,895
Swedbank AB		3.550	F	3.550	12/15/2022	20,000	20,000	20,006
Australia & New Zealand Bank		3.480	F	3.480	12/20/2022	21,000	21,000	21,000
Antalis SA		0.000		4.134	01/05/2023	17,020	16,896	16,890
Westpac Banking Corporation		3.480	F	3.480	01/05/2023	21,000	21,000	21,000
National Bank of Canada		3.450	F	3.450	01/06/2023	20,000	20,000	20,000
Skandinav Enskilda Bank		3.420	F	3.420	01/06/2023	15,000	15,000	14,998
Victory Receivables Corporation		0.000		4.120	01/09/2023	47,490	47,123	47,090
Old Line Funding LLC		3.590	F	3.590	01/09/2023	50,000	50,000	50,008
Gotham Funding Corporation		0.000		4.221	01/10/2023	22,000	21,823	21,811
Chariot Funding LLC		3.310	F	3.310	01/10/2023	25,000	25,000	25,000
Old Line Funding LLC		3.590	F	3.590	01/12/2023	50,000	50,000	50,000
Thunder Bay Funding		0.000		4.102	01/17/2023	15,000	14,871	14,830
Antalis SA		0.000		4.625	01/18/2023	18,000	17,824	17,826
National Bank of Canada		3.610	F	3.610	01/19/2023	21,000	21,000	21,006
Old Line Funding LLC		3.470	F	3.470	01/19/2023	40,000	40,000	40,000
Svenska Handelsbanken AB		3.580	F	3.580	01/19/2023	21,000	21,000	21,000
Svenska Handelsbanken AB		3.440	F	3.440	01/20/2023	20,000	20,000	19,980
Thunder Bay Funding		3.590	F	3.590	01/20/2023	10,000	10,000	10,000
Anglesea Funding		0.000		4.822	01/23/2023	20,650	20,426	20,432
Commonwealth Bank of Australia		3.470	F	3.470	01/23/2023	20,000	20,000	19,996
Sumitomo Mitsui Trust NY		3.550	F	3.550	01/25/2023	22,000	22,000	21,993
Old Line Funding LLC		3.650	F	3.650	01/31/2023	14,000	14,000	14,002
Thunder Bay Funding		3.650	F	3.650	01/31/2023	21,000	21,000	21,000
			-				,000	

*F* – Floating rate note security. \* Fair value is determined by a third party pricing service and reported in accordance with GASB 72. Fair value is not determined for loans. Their reported fair value equals amortized cost.

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

(In thousands)

#### WEST VIRGINIA MONEY MARKET POOL (Continued)

SECURITY NAME	% of POOL	<u>COUPO</u>	N	YIELD	MATURITY	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR VALUE*
National Bank of Canada		3.600	F	3.600	02/03/2023	20,000	20,000	20,000
Versailles		3.500	F	3.500	02/06/2023	19,000	19,000	19,000
Oversea Chinese Banking Corporation		3.290	F	3.270	02/09/2023	15,000	15,000	14,989
Versailles		0.000		4.884	02/10/2023	25,000	24,667	24,667
Bank of Montreal		3.310	F	3.310	02/10/2023	17,000	17,000	16,987
Bank of Nova Scotia		3.550	F	3.550	02/10/2023	25,000	25,000	25,001
Sumitomo Mitsui Bank NY		3.550	F	3.550	02/10/2023	20,000	20,000	19,998
Thunder Bay Funding		3.640	F	3.640	02/10/2023	26,000	26,000	26,000
Toronto Dominion Bank		3.290	F	3.290	02/13/2023	10,000	10,000	9,993
Collateralized Flex Company LLC		3.550	F	3.550	02/16/2023	20,000	20,000	20,000
Collateralized Flex Company LLC		3.580	F	3.580	02/17/2023	22,000	22,000	22,000
Bank of Nova Scotia		3.550	F	3.550	02/21/2023	22,000	22,000	22,000
National Australia Bank		3.600	F	3.600	02/21/2023	21,000	21,000	21,000
Westpac Banking Corporation		3.600	F	3.600	02/22/2023	11,000	11,000	11,000
Thunder Bay Funding		3.600	F	3.600	02/23/2023	25,000	25,000	25,000
Commonwealth Bank of Australia		3.550	F	3.550	02/27/2023	25,000	25,000	24,997
Westpac Banking Corporation		3.610	F	3.610	03/01/2023	20,000	20,000	20,001
Skandinav Enskilda Bank		3.610	F	3.610	03/06/2023	20,000	20,000	20,000
Swedbank AB		3.610	F	3.610	03/10/2023	21,000	21,000	21,000
Bank of Nova Scotia		3.580	F	3.580	03/13/2023	15,000	15,000	15,000
Toronto Dominion Bank		0.000		2.069	03/17/2023	10,000	9,923	9,819
Australia & New Zealand Bank		3.400	F	3.400	03/17/2023	22,000	22,000	22,000
National Australia Bank		3.500	F	3.500	03/17/2023	45,000	45,000	45,000
Canadian Imperial Bank		0.000		2.088	03/20/2023	10,000	9,921	9,824
Thunder Bay Funding		3.490	F	3.490	03/20/2023	25,000	25,000	25,000
Westpac Banking Corporation		3.550	F	3.550	03/20/2023	25,000	25,000	24,995
Bank of Montreal		3.750	F	3.750	03/22/2023	45,000	45,000	45,029
Old Line Funding LLC		3.470	F	3.470	03/23/2023	15,000	15,000	14,988
Thunder Bay Funding		3.470	F	3.470	03/23/2023	15,000	15,000	15,000
Bank of Nova Scotia		3.550	F	3.550	03/24/2023	15,000	15,000	14,996
DNB Bank ASA		3.450	F	3.455	03/24/2023	17,000	17,000	17,000
Swedbank AB		3.390	F	3.390	03/24/2023	22,000	22,000	22,000
Thunder Bay Funding		3.460	F	3.460	03/27/2023	8,000	8,000	8,000
National Australia Bank		3.550	F	3.550	03/29/2023	18,000	18,000	18,001
Collateralized Flex Company LLC		3.450	F	3.450	04/03/2023	20,000	20,000	20,000
Westpac Banking Corporation		3.450	F	3.450	04/03/2023	22,000	22,000	22,000
ANZ National LTD		3.470	F	3.470	04/04/2023	22,000	22,000	22,000
Versailles		3.450	F	3.450	04/04/2023	50,000	50,000	50,000
Oversea Chinese Banking Corporation		3.380	F	3.380	04/05/2023	22,000	22,000	22,000
National Australia Bank		3.410	F	3.410	04/06/2023	50,000	50,000	50,000
National Bank of Canada		3.500	F	3.500	04/06/2023	22,000	22,000	22,000
Old Line Funding LLC		3.540	F	3.540	04/12/2023	16,000	16,000	16,000
Commonwealth Bank of Australia		3.550	F	3.550	04/13/2023	25,000	25,000	24,988
Oversea Chinese Banking Corporation		3.600	F	3.600	04/18/2023	15,000	15,000	15,000
United Overseas Bank		3.580	F	3.580	04/19/2023	22,000	22,000	22,000
Old Line Funding LLC		3.640	F	3.640	04/20/2023	16,000	16,000	16,000
BNZ International Funding		3.750	F	3.750	04/21/2023	24,000	24,000	24,002
Royal Bank of Canada		3.510	F	3.510	04/21/2023	20,000	20,000	19,980
Skandinav Enskilda Bank		3.650	F	3.650	04/21/2023	22,000	22,000	22,000
Bedford Row Funding Corporation		3.700	F	3.700	04/27/2023	50,000	50,000	50,000
LMA Americas LLC		0.000		5.412	04/28/2023	25,000	24,357	24,357
Oversea Chinese Banking Corporation		3.460	F	3.460	05/05/2023	22,000	22,000	22,000
National Australia Bank		3.470	F	3.470	05/05/2023	22,000	22,000	22,000
Australia & New Zealand Bank		3.470	F	3.567	05/05/2023	16,000	15,992	15,985
Royal Bank of Canada		3.530	F	3.530	05/08/2023	34,000	34,000	34,000
United Overseas Bank		3.470	F	3.470	05/08/2023	22,000	22,000	22,000
Bank of Montreal		2.800		2.800	05/09/2023	20,000	20,000	19,771
Canadian Imperial Holdings		3.570	F	3.570	05/18/2023	30,000	30,000	29,972
		5.570	•	0.070	55/10/2023	50,000	50,000	27,772

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

(In thousands)

#### WEST VIRGINIA MONEY MARKET POOL (Continued)

SECURITY NAME	% of POOL	COUPO	N	<u>YIELD</u>	MATURITY	<u>UNITS</u>	AMORTIZED COST	FAIR VALUE*
National Bank of Canada		3.580	F	3.580	05/10/2022	21,000	21,000	21,000
Bank of Nova Scotia		3.600	г F	3.600	05/19/2023 05/22/2023	21,000	21,000	21,000
Cooperative Rabobank		3.680	г F	3.680	05/22/2023	21,000	22,000	21,000
Commonwealth Bank of Australia		3.690	г F	3.690	05/24/2023	16,000	16,000	16,000
Westpac Banking Corporation		3.710	г F	3.710	05/25/2023	22,000	22,000	22,000
Royal Bank of Canada		0.000	ľ	2.922	05/31/2023	22,000	19,667	19,402
Toronto Dominion Bank		0.000		2.922	05/31/2023	25,000	24,584	24,248
National Australia Funding		0.000		3.882	06/15/2023	20,000	19,529	19,357
Bank of Nova Scotia		3.500	F	3.500	06/23/2023	20,000	20,000	20,000
Thunder Bay Funding		3.470	F	3.470	06/23/2023	35,000	35,000	34,992
Royal Bank of Canada		3.710	F	3.710	06/29/2023	25,000	25,000	24,994
Royal Bank of Canada		0.000		4.064	08/23/2023	20,000	19,359	19,146
Royal Bank of Canada		3.630	F	3.630	09/01/2023	25,000	25,000	25,000
Canadian Imperial Bank		3.610	F	3.610	09/11/2023	20,000	20,000	20,000
Bank of Montreal		5.015		5.015	10/11/2023	30,000	30,000	30,000
Royal Bank of Canada		0.000		5.523	10/31/2023	10,000	9,471	9,471
Total Commercial Paper	70.9%						6,270,850	6,268,559
Negotiable Certificates of Deposit								
Credit Agricole		3.050		3.050	11/01/2022	135,000	135,000	135,000
Mizuho Bank LTD		3.150		3.150	11/01/2022	125,000	125,000	125,000
Bank of Montreal		0.340		0.340	11/02/2022	20,000	20,000	19,997
Mizuho Bank LTD		3.150		3.150	11/02/2022	50,000	50,000	50,000
Mizuho Bank LTD		3.150		3.150	11/02/2022	20,000	20,000	20,000
Bank of Montreal		3.250	F	3.250	11/03/2022	15,000	15,000	15,000
KBC Bank		3.060		3.060	11/03/2022	50,000	50,000	50,000
Sumitomo Mitsui Trust NY		3.220		3.220	11/07/2022	50,000	50,000	49,998
Credit Agricole		3.480		3.480	11/07/2022	30,000	30,000	30,000
Sumitomo Mitsui Trust NY		3.240		3.240	11/08/2022	75,000	75,000	74,996
MUFG Bank		3.460	F	3.460	11/09/2022	18,000	18,000	18,001
Sumitomo Mitsui Trust NY		3.250		3.250	11/10/2022	30,000	30,000	29,998
Sumitomo Mitsui Trust NY		3.380	F	3.380	11/18/2022	25,000	25,000	25,003
Cooperative Rabobank		3.400	F	3.400	11/22/2022	20,000	20,000	20,003
Mitsubishi UFJ Trust & Bank NY		3.510	F	3.510	12/08/2022	20,000	20,000	20,005
Cooperative Rabobank		3.440	F	3.440	12/09/2022	15,000	15,000	15,003
Sumitomo Mitsui Bank NY		3.560	F	3.560	12/15/2022	20,000	20,000	20,006
Westpac Banking Corporation		3.520	F	3.520	12/27/2022	15,000	15,000	14,982
Svenska Handelsbanken AB		3.470	F	3.470	12/29/2022	18,000	18,000	18,000
Sumitomo Mitsui Trust NY		3.450	F	3.450	01/13/2023	20,000	20,000	19,996
Mizuho Bank LTD		3.340	F	3.340	01/17/2023	22,000	22,000	21,993
Canadian Imperial Bank		3.600	F	3.600	01/18/2023	21,000	21,000	21,005
Sumitomo Mitsui Trust NY		3.550	F	3.550	01/20/2023	15,000	15,000	14,998
Oversea-Chinese Bank Company		3.510	F	3.510	01/24/2023	15,000	15,000	15,001
Royal Bank of Canada		3.270	F	3.270	01/27/2023	15,000	15,000	14,989
Sumitomo Mitsui Trust NY		3.560	F	3.560	01/27/2023	22,000	22,000	21,993
Toronto Dominion Bank		3.280	F F	3.280	02/09/2023	17,000	17,000	16,989
Sumitomo Mitsui Bank NY		3.500		3.500	02/09/2023	22,000	22,000	21,995
Nordea Bank		3.550	F	3.550	02/10/2023	25,000	25,000	24,999
Toronto Dominion Bank		2.760	F	2.760	02/15/2023	20,000 17,000	20,000 17,000	19,999 16,987
Bank of Nova Scotia Bank of Nova Scotia		3.300	F F	3.300	02/17/2023	25,000		
Bank of Nova Scotia Canadian Imperial Bank		3.300 3.300	F F	3.300	02/21/2023 02/21/2023	25,000 40,000	25,000 40,000	24,981 39,972
Sumitomo Mitsui Trust NY		3.300	F F	3.300 3.510	02/21/2023	40,000	40,000	39,972 16,990
Westpac Banking Corporation		3.600	r F	3.627	02/23/2023	17,000	11,000	11,001
Bank of Montreal		3.300	r F	3.300	03/01/2023	25,000	25,000	24,974
Nordea Bank		3.630	r F	3.630	03/02/2023	23,000	20,000	24,974 20,004
Svenska Handelsbanken AB		3.600	г F	3.600	03/09/2023	20,000	50,000	49,998
Oversea-Chinese Bank Company		3.570	F	3.570	03/22/2023	21,000	21,000	20,994
Chinese Danie Compuny		5.570	•	0.070	0012212020	21,000	21,000	20,774

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(In thousands)

#### WEST VIRGINIA MONEY MARKET POOL (Continued)

SECURITY NAME	% of <u>POOL</u>	<u>COUPON</u>		YIELD	MATURITY	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR VALUE*
Cooperative Rabobank		3.550 F	7	3.550	03/22/2023	21,000	21,000	20,994
Nordea Bank		3.440 F	7	3.440	03/24/2023	25,000	25,000	24,982
Nordea Bank		3.450 F	7	3.450	04/06/2023	22,000	22,000	21,981
Sumitomo Mitsui Bank NY		3.600 F	7	3.600	04/11/2023	22,000	22,000	21,984
Svenska Handelsbanken AB		3.540 F	7	3.540	04/12/2023	22,000	22,000	21,986
MUFG Bank		3.750 F	7	3.750	04/28/2023	15,000	15,000	14,994
Canadian Imperial Bank		3.530 F	7	3.530	05/05/2023	15,000	15,000	14,985
Bank of Montreal		3.530 F	7	3.530	05/08/2023	15,000	15,000	14,981
Canadian Imperial Bank		3.550 F	7	3.550	05/08/2023	35,000	35,000	34,967
Bank of Nova Scotia		3.550 F	7	3.550	05/08/2023	12,500	12,500	12,487
Royal Bank of Canada		3.750 F	7	3.750	05/22/2023	22,000	22,000	22,001
Toronto Dominion Bank		3.750		3.750	06/15/2023	20,000	20,000	19,800
Bank of Montreal		3.610 F	7	3.610	06/16/2023	20,000	20,000	19,978
Toronto Dominion Bank		4.070		4.070	07/18/2023	20,000	20,000	19,808
Canadian Imperial Bank		3.610 F	7	3.610	09/06/2023	34,000	34,000	33,949
Toronto Dominion Bank		5.000		5.000	09/26/2023	30,000	30,000	29,866
Bank of Nova Scotia		3.650 F	7	3.650	10/23/2023	25,000	40,000	39,924
Total Negotiable Certificates of Deposit	17.8%						1,581,500	1,580,517
Repurchase Agreements								
Bank of America Securities		3.000		3.000	11/01/2022	42,900	42,900	42,900
Natixis Finacial		3.000		3.000	11/01/2022	347,200	347,200	347,200
Bank of America Securities		3.050		3.050	11/01/2022	140,100	140,100	140,100
Natixis Finacial		3.050		3.050	11/01/2022	200,000	200,000	200,000
Total Repurchase Agreements	8.3%						730,200	730,200
Money Market Funds								
Federated		3.094 **				216,993	217,022	216,862
Dreyfus Liquidity		2.922 **				1,345	1,345	1,345
Total Money Market Funds	2.5%						218,367	218,207
Total Money Market Pool	100.0%						\$ 8,838,419	\$ 8,835,021

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(In thousands)

#### WEST VIRGINIA GOVERNMENT MONEY MARKET POOL

SECURITY NAME	% of <u>POOL</u>	COUP	<u>ON</u>	YIELD	MATURITY	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR <u>VALUE*</u>	
U.S. Treasury Notes			_						
Jnited States Treasury		4.149 %	b F	4.204 %	07/31/2024	3,000	\$ 2,997	\$	2,9
Total U. S. Treasury Notes	1.1%						2,997		2,9
U. S. Government Agency Bonds and Notes									
Federal Farm Credit Bank		3.100	F	3.100	11/21/2022	625	625		6
Federal Home Loan Bank		3.085	F	3.099	11/25/2022	3,000	3,000		3,0
Federal Home Loan Bank		3.080	F	3.080	11/29/2022	2,000	2,000		2,0
Federal Home Loan Bank		0.210		0.210	12/12/2022	1,000	1,000		9
Federal Home Loan Bank		3.110	F	3.110	12/15/2022	1,000	1,000		1,0
Federal Farm Credit Bank		3.075	F	3.076	12/16/2022	2,500	2,500		2,5
ederal Home Loan Bank		3.090	F	3.103	12/30/2022	1,000	1,000		1,0
ederal Farm Credit Bank		3.063	F	3.061	01/30/2023	2,000	2,000		2,0
ederal Home Loan Bank		3.080	F	3.080	03/02/2023	1,000	1,000		1,0
ederal Home Loan Bank		3.095	F	3.095	03/03/2023	1,500	1,500		1,5
ederal Home Loan Bank		3.100	F	3.100	03/28/2023	3,000	3,000		3,0
ederal Home Loan Bank		3.105	F	3.105	04/04/2023	1,500	1,500		1,:
ederal Home Loan Bank		3.090	F	3.090	04/05/2023	1,500	1,500		1,
ederal Home Loan Bank		3.085	F	3.085	04/21/2023	1,500	1,500		1,
ederal Farm Credit Bank		3.085	F	3.085	05/12/2023	1,000	1,000		1,
ederal Home Loan Bank		3.105	F	3.105	05/24/2023	2,000	2,000		2,
ederal Farm Credit Bank		3.085	F	3.085	06/16/2023	1,000	1,000		1,
ederal Home Loan Bank		3.100	F	3.100	06/27/2023	1,500	1,500		1,
ederal Farm Credit Bank		3.068	F	3.100	07/13/2023	1,500	1,500		1,
ederal Farm Credit Bank		3.075	F	3.075	08/04/2023	1,000	1,000		1,
ederal Farm Credit Bank		3.075	F	3.075	08/10/2023	500	500		:
ederal Farm Credit Bank		3.100	F	3.100	08/22/2023	500	500		:
ederal Farm Credit Bank		3.075	F	3.075	08/28/2023	1,000	1,000		1,0
ederal Farm Credit Bank		3.075	F	3.075	09/27/2023	500	500		
ederal Farm Credit Bank		3.080	F	3.080	10/13/2023	1,000	1,000		1,
ederal Farm Credit Bank		3.080	F	3.080	10/20/2023	500	500		
ederal Farm Credit Bank		3.075	F	3.075	10/27/2023	1,000	1,000		1,
ederal Farm Credit Bank		3.080	F	3.080	10/27/2023	1,500	1,500		1,
ederal Farm Credit Bank		3.090	F	3.090	11/02/2023	1,000	1,000		1,0
ederal Farm Credit Bank		3.075	F	3.113	11/30/2023	1,500	1,500		1,
ederal Farm Credit Bank		3.110	F	3.110	12/13/2023	500	500		
ederal Farm Credit Bank		3.120	F	3.120	12/14/2023	1,000	1,000		1,
ederal Farm Credit Bank		3.095	F	3.095	03/01/2024	1,000	1,000		1,
ederal Farm Credit Bank		3.100	F	3.100	05/09/2024	1,000	1,000		1,
ederal Farm Credit Bank		3.150	F	3.150	08/08/2024	500	500		
ederal Farm Credit Bank		3.150	F	3.150	08/26/2024	1,000	1,000		1,
ederal Farm Credit Bank		3.140	F	3.140	08/26/2024	1,000	1,000		1,0
ederal Farm Credit Bank		3.155	F	3.155	10/04/2024	1,000	1,000		1,
Fotal U. S. Government Agency Bonds and Notes	17.1%						47,125		

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(In thousands)

#### WEST VIRGINIA GOVERNMENT MONEY MARKET POOL (Continued)

SECURITY NAME	% of POOL	<u>COUPON</u>	<u>YIELD</u>	MATURITY	<u>UNITS</u>	AMORTIZED COST	FAIR VALUE*
U.S. Agency Discount Notes							
Federal Home Loan Bank		0.000	2.558	11/02/2022	2,000	2,000	2,000
Federal Home Loan Bank		0.000	2.789	11/03/2022	4,000	3,999	3,999
Federal Home Loan Bank		0.000	3.035	11/09/2022	7,000	6,995	6,994
Federal Home Loan Bank		0.000	3.187	11/14/2022	3,000	2,996	2,996
Federal Home Loan Bank		0.000	3.254	11/16/2022	13,000	12,983	12,980
Federal Home Loan Bank		0.000	3.049	11/18/2022	5,000	4,993	4,991
Federal Home Loan Bank		0.000	3.110	11/21/2022	5,000	4,991	4,990
Federal Home Loan Bank		0.000	3.110	11/22/2022	17,000	16,970	16,963
Federal Home Loan Bank		0.000	3.396	11/23/2022	27,000	26,945	26,938
Federal Home Loan Bank		0.000	3.359	11/25/2022	4,000	3,991	3,990
Federal Home Loan Bank		0.000	3.539	11/28/2022	6,000	5,984	5,983
Federal Home Loan Bank		0.000	3.560	11/29/2022	35,000	34,905	34,899
Federal Home Loan Bank		0.000	3.013	11/30/2022	2,000	1,995	1,994
Federal Home Loan Bank		0.000	3.506	12/02/2022	9,000	8,973	8,970
Federal Home Loan Bank		0.000	3.348	12/14/2022	10,000	9,961	9,953
Federal Home Loan Bank		0.000	2.819	12/15/2022	1,000	997	995
Federal Home Loan Bank		0.000	3.539	12/21/2022	3,000	2,986	2,984
Federal Home Loan Bank		0.000	3.631	12/23/2022	4,500	4,477	4,475
Federal Home Loan Bank		0.000	3.570	12/28/2022	2,000	1,989	1,988
Federal Home Loan Bank		0.000	4.149	01/27/2023	3,000	2,971	2,971
Federal Home Loan Bank		0.000	4.108	03/31/2023	3,000	2,950	2,947
Federal Home Loan Bank		0.000	4.563	04/26/2023	1,000	978	978
Total U.S. Agency Discount Notes	60.1%					166,029	165,978
Repurchase Agreements							
Bank of America Securities		3.050	2.300	09/01/2022	59,900	59,900	59,900
Total Repurchase Agreements	21.7%					59,900	59,900
Money Market Funds							
Dreyfus Liquidity		2.922 **			173	173	173
Total Money Market Funds	0.1%					173	173
Total Government Money Market Pool	100.0%					\$ 276,224	\$ 276,171

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(In thousands)

	WEST VIRGINIA SHORT TERM BOND POOL									
SECURITY NAME	% of <u>POOL</u>	<u>COUPO</u>	<u>N</u>	<u>YIELD</u>	MATURITY	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR VALUE*		
U. S. Treasury Notes and Bonds										
United States Treasury		1.125 %		2.206 %	01/15/2025	43,020	\$ 42,023	\$ 39,993		
United States Treasury		2.750		3.058	05/15/2025	44,450	44,117	42,627		
United States Treasury		3.000		4.003	07/15/2025	59,819	58,293	57,613		
Total U. S. Treasury Notes and Bonds	20.6%						144,433	140,233		
U. S. Government Agency Bonds and Notes										
Federal Home Loan Bank		3.375		3.030	12/08/2023	6,000	6,022	5,908		
Federal Home Loan Bank		1.200		1.200	12/30/2024	2,500	2,500	2,314		
Total U. S. Government Agency Bonds and Notes	1.2%						8,522	8,222		
U.S. Agency Collateralized Mortgage Obligations										
Government National Mortgage Association		4.000		2.366	09/16/2026	757	779	749		
Federal Home Loan Mortgage Corporation		4.012	F	4.028	08/15/2030	37	37	37		
Federal Home Loan Mortgage Corporation		3.912	F	4.003	09/15/2030	19	19	19		
Federal Home Loan Mortgage Corporation		3.812	F	3.842	07/15/2031	20	20	20		
Federal Home Loan Mortgage Corporation		3.862	F	3.889	12/15/2031	42	42	42		
Federal Home Loan Mortgage Corporation		3.812	F	3.838	01/15/2033	72	72	71		
Federal National Mortgage Association		3.836	F	4.193	03/25/2036	496	496	497		
Federal National Mortgage Association		1.750		1.835	05/25/2040	14	14	14		
Federal National Mortgage Association		1.750		1.777	08/25/2042	531	529	509		
Government National Mortgage Association		2.768	F	2.844	12/20/2060	1,053	1,045	1,041		
Government National Mortgage Association		2.868	F	2.876	12/20/2060	1,217	1,219	1,203		
Government National Mortgage Association		2.968	F	2.949	02/20/2061	1,031	1,037	1,023		
Government National Mortgage Association		2.868	F	2.876	06/20/2062	866	867	858		
Government National Mortgage Association		2.888	F	2.890	08/20/2062	457	458	453		
Government National Mortgage Association		2.708	F	2.756	12/20/2062	572	569	565		
Government National Mortgage Association		2.768	F	2.799	03/20/2063	965	963	954		
Government National Mortgage Association		2.818	F	2.836	04/20/2063	761	761	753		
Government National Mortgage Association		3.068	F	3.035	08/20/2063	1,006	1,014	1,000		
Government National Mortgage Association		2.768	F	2.806	04/20/2065	1,315	1,310	1,300		
Total U.S. Agency Collateralized Mortgage Obligations	1.6%						11,251	11,108		
Corporate Fixed-Rate Bonds and Notes										
Bright HSE Global Fund		0.600		0.608	06/28/2023	2,375	2,375	2,300		
Skandinaviska Enskilda		0.550		0.558	09/01/2023	4,400	4,400	4,235		
Entergy Louisiana LLC		4.050		3.165	09/01/2023	2,550	2,568	2,528		
Pacific Life GF II		0.500		0.542	09/23/2023	2,750	2,749	2,640		
HF Sinclair Corporation		2.625		2.047	10/01/2023	5,842	5,872	5,628		
John Deere Capital Corporation		0.400		0.439	10/10/2023	6,000	5,998	5,754		
Protective Life Global		0.631		0.631	10/13/2023	2,100	2,100	2,012		
American Electric Power Company Inc		0.750		0.779	11/01/2023	2,200	2,199	2,099		
Entergy Louisiana LLC		0.620		0.626	11/17/2023	1,363	1,363	1,297		
MetLife Global Funding		0.400		0.412	01/07/2024	6,125	6,124	5,789		
Hyundai Capital America Cooperative Rabobank		0.800		0.843	01/08/2024	4,000	3,998	3,775		
Broadcom Corporation		0.375 3.625		0.398 2.185	01/12/2024 01/15/2024	6,125 3,750	6,123 3,814	5,785 3,673		
New York Life Global FDG		2.900		1.252	01/17/2024	2,000	2,039	3,673 1,950		
US Bancorp		3.375		0.577	02/05/2024	5,600	5,797	5,484		
Microsoft Corporation		2.875		0.377	02/05/2024	3,600	3,527	3,484		
Air Lease Corporation		0.700		0.827	02/15/2024	4,365	4,353	3,334 4,076		
Microchip Technology Inc		0.972		0.917	02/15/2024	4,303	3,700	3,481		
AerCap Ireland Capital		3.150		3.362	02/15/2024	3,700	3,391	3,481		

*F* – Floating rate note security. \* Fair value is determined by a third party pricing service and reported in accordance with GASB 72. Fair value is not determined for loans. Their reported fair value equals amortized cost.

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

(In thousands)

WEST VIRGINIA SHORT TERM BOND POOL (Continued)	
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SECURITY NAME	% of POOL	<u>COUPON</u>	YIELD	MATURITY	<u>UNITS</u>	AMORTIZED COST	FAIR <u>VALUE*</u>
John Hancock Life Insurance		7.375	0.862	02/15/2024	4,850	5,254	4,94
Goldman Sachs Group Inc		3.625	0.895	02/20/2024	11,000	11,388	10,75
American Express		3.400	1.007	02/22/2024	5,200	5,361	5,07
Daimler Finance NA		0.750	0.811	03/01/2024	3,275	3,272	3,08
American Electric Power Company Inc		2.031	1.614	03/15/2024	1,135	1,141	1,08
AT&T Inc		0.900	0.932	03/25/2024	3,500	3,498	3,30
Element Fleet Management		1.600	1.637	04/06/2024	3,520	3,518	3,31
Energy Transfer Operating		4.500	2.107	04/15/2024	2,250	2,327	2,21
BPCE SA		4.000	1.031	04/15/2024	4,600	4,796	4,47
Owl Rock Capital Corporation		5.250	2.309	04/15/2024	5,600	5,834	5,49
Philip Morris International Inc		2.875	0.705	05/01/2024	5,500	5,678	5,30
Security Benefit GL Fund		1.250	1.218	05/17/2024	5,925	5,928	5,50
Nordea Bank ABP		0.625	0.618	05/24/2024	3,800	3,800	3,52
Citigroup Inc		4.044	1.595	06/01/2024	6,000	6,229	5,93
Wells Fargo & Company		1.654	1.629	06/02/2024	7,200	7,203	7,03
Hormel Foods Corporation		0.650	0.592	06/03/2024	6,000	6,005	5,60
VRG Energy Inc		3.750	1.248	06/15/2024	3,100	3,224	2,96
ackson National Life Global		2.650	0.961	06/21/2024	6,500	6,678	6,18
Athene Global Funding		2.750	1.448	06/25/2024	6,000	6,127	5,68
Cheniere Corporation		7.000	1.963	06/30/2024	3,350	3,625	3,39
Sumitomo Mitsui Financial		2.696	0.940	07/16/2024	6,000	6,178	5,71
Bristol-Myers Squibb Company		2.900	1.184	07/26/2024	5,000	5,147	4,83
BMW US Capital LLC		0.750	0.753	08/12/2024	2,100	2,100	1,93
Bat Capital Corporation		3.222	1.226	08/12/2024	5,325	5,512	5,08
GA Global Funding Trust		0.800	0.868	09/13/2024	5,323 5,490	5,483	4,95
Aitsubishi UFJ Financial Group		0.848	0.848	09/15/2024	4,255	4,255	4,93
Blackstone Private Credit Fund		1.750	1.826	09/15/2024	4,233	4,269	4,00
F&G Global Funding		0.900	0.907	09/20/2024	4,273	4,209	4,08
e		2.700					
Penske Truck Leasing			1.012 1.409	11/01/2024	5,000	5,167	4,67
Plains All American Pipeline		3.600		11/01/2024	5,550	5,789	5,31
ERAC USA Finance LLC		3.850	0.984	11/15/2024	5,000	5,288	4,82
DBS Group Holdings LTD		1.169	1.169	11/22/2024	6,250	6,250	5,79
Retail Opportunity Inc		4.000	1.730	12/15/2024	5,717	5,986	5,44
CNO Global Funding		1.650	1.672	01/06/2025	2,850	2,849	2,61
Standard Chartered PLC		0.991	0.944	01/12/2025	5,650	5,656	5,25
Aker BP ASA		3.000	3.857	01/15/2025	5,500	5,401	5,15
Magallanes Inc		3.638	3.638	03/15/2025	6,100	6,100	5,75
Sprint Spectrum		4.738	3.029	03/20/2025	2,478	2,576	2,44
Sempra Energy		3.300	3.362	04/01/2025	4,650	4,643	4,40
Swedbank AB		3.356	3.356	04/04/2025	5,550	5,550	5,27
Daimler Trucks Finance		3.500	3.539	04/07/2025	5,000	4,995	4,73
Citigroup Inc		3.352	1.548	04/24/2025	4,000	4,175	3,84
Korea East-West Power Company		3.600	3.752	05/06/2025	1,500	1,495	1,43
Vistra Operations Company LLC		5.125	5.195	05/13/2025	5,200	5,191	5,02
Iuntington National Bank		4.008	4.008	05/16/2025	5,300	5,300	5,16
Jucor Corporation		3.950	3.973	05/23/2025	4,875	4,872	4,72
P Morgan Chase & Company		0.969	0.909	06/23/2025	11,000	11,017	10,11
Aitsubishi UFJ Financial Group		0.953	0.953	07/19/2025	3,000	3,000	2,75
Duke Energy Progress LLC		3.250	2.263	08/15/2025	3,200	3,285	3,05
Danske Bank A/S		0.976	0.976	09/10/2025	4,200	4,200	3,76
Bank of America Corporation		0.981	0.969	09/25/2025	7,500	7,503	6,81
Morgan Stanley		1.164	1.164	10/21/2025	6,780	6,780	6,14
Capital One Financial Corporation		2.636	2.636	03/03/2026	3,000	3,000	2,75
HSBC Holdings PLC		2.999	2.999	03/10/2026	3,775	3,775	3,42

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(In thousands)

WEST VIRGINIA SHORT TERM BOND POOL (Continued) % of AMORTIZED FAIR												
SECURITY NAME	% of POOL	<u>COUPON</u>	YIELD	MATURITY	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR VALUE*					
Corporate Floating-Rate Bonds and Notes												
Siemens Financier		3.470 F	3.470	03/11/2024	2,025	2,025	2,01					
3MW US Capital LLC		3.580 F	3.580	04/01/2024	2,700	2,700	2,68					
Bright HSE Global Fund		3.810 F	3.702	04/12/2024	3,000	3,005	2,96					
Principal Life Global Fund		3.500 F	3.500	04/12/2024	5,500	5,500	5,46					
Key Bank NA		1.373 F	1.373	06/14/2024	5,550	5,550	5,48					
Pacific Life GF II		3.450 F	3.450	01/27/2025	2,500	2,500	2,43					
Macquarie Group LTD		3.760 F	3.760	10/14/2025	3,000	3,000	2,90					
Verizon Communications		3.840 F	3.840	03/20/2026	3,000	3,000	2,92					
Schwab Charles Corporation		3.570 F	3.570	05/13/2026	3,600	3,600	3,49					
NatWest Markets PLC		3.800 F	3.800	09/29/2026	3,500	3,500	3,32					
Total Corporate Floating-Rate Bonds and Notes	4.9%					34,380	33,71					
Commercial Mortgage-Backed Securities												
COMM Mortgage Trust		4.210	3.657	08/10/2046	4,486	4,751	4,44					
COMM Mortgage Trust		4.236	3.471	02/10/2047	2,685	2,880	2,63					
COMM Mortgage Trust		3.828	3.164	07/15/2047	3,147	3,379	3,04					
Well Fargo Commercial Mortgage		3.405	2.688	12/15/2047	8,321	8,929	7,92					
Total Commercial Mortgage-Backed Securities	2.6%					19,939	18,03					
Municipals												
County of Allegheny PA		0.573	0.573	11/01/2022	1,020	1,020	1,02					
Houston TX Utility System		1.716	1.716	11/15/2022	2,000	2,000	1,99					
long Island Power Authority		0.359	0.359	03/01/2023	2,515	2,515	2,47					
State of New York		1.910	1.910	03/15/2023	2,860	2,860	2,83					
State Of Wisconsin		1.749	1.749	05/01/2023	1,450	1,450	1,42					
/irginia Public School Authority		0.550	0.550	08/01/2023	7,655	7,655	7,40					
Aassachusetts Water Resources		1.772	1.772	08/01/2023	3,445	3,445	3,36					
enn State University		1.353	1.353	09/01/2023	2,740	2,740	2,66					
City of Dallas TX Waterworks		2.068	0.495	10/01/2023	2,775	2,815	2,71					
County of Allegheny PA		0.694	0.694	11/01/2023	1,200	1,200	1,15					
State of Oregon DOH		0.414	0.414	11/15/2023	1,235	1,235	1,18					
Houston TX Utility System		1.746	1.746	11/15/2023	2,635	2,635	2,55					
Metro Atlanta Rapid Transit		0.630	0.630	07/01/2024	1,355	1,355	1,26					
State of Hawaii		0.802	0.802	10/01/2024	1,595	1,595	1,47					
State of Oregon DOH		0.566	0.566	11/15/2024	1,250	1,250	1,15					
Forsyth County School District		1.212	1.212	02/01/2025	2,635	2,755	2,55					
Jniv CA		3.063	4.570	07/01/2025	6,000	5,775	5,71					
Total Municipal Securities	6.3%					44,300	42,95					
Asset-Backed Securities		4 5 4 9										
Great American Leasing Receivables		1.760	1.778	08/15/2023	510	510	50					
AESOP		2.970	2.271	03/20/2024	946	951	94					
CarMax Auto Owner Trust		2.770	0.507	12/16/2024	1,220	1,251	1,20					
Capital One Prime Auto Receivables		1.960	1.978	02/18/2025	5,150	5,149	5,08					
Toyota Auto Receivables		1.990	0.288	02/18/2025	9,305	9,497	9,13					
Great American Leasing Receivables		0.670	0.677	07/15/2025	3,650	3,650	3,39					
Santander Drive Auto Receivables		0.510	0.515	08/15/2025	3,801	3,801	3,77					
AESOP		3.350	4.605	09/22/2025	1,847	1,815	1,76					
Santander Consumer Auto Receivables		0.330	0.335	10/15/2025	2,711	2,711	2,65					
GM Financial Securitized		0.350	0.357	10/16/2025	3,785	3,785	3,66					
Enterprise Fleet Financing		1.780	1.791	12/22/2025	354	354	35					
Hertz Vehicle Financing LLC		1.210	1.130	12/26/2025	8,695	8,707	7,90					
GM Financial Securitized		0.500	0.510	02/17/2026	3,000	2,999	2,76					
Carvana Auto Receivables Trust		0.490	0.493	03/10/2026	3,250	3,250	3,14					
CarMax Auto Owner Trust		0.630	0.631	06/15/2026	2,350	2,350	2,16					
Hertz Vehicle Financing LLC		1.990	2.005	06/25/2026	1,000	1,000	90					

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(In thousands)

	WEST VIRG	INIA SHORT	TERM BON	D POOL (Continue	d)	WEST VIRGINIA SHORT TERM BOND POOL (Continued)											
SECURITY NAME	% of <u>POOL</u>	COUPON	YIELD	MATURITY	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR VALUE*										
Enterprise Fleet Financing		0.650	0.661	07/20/2026	9,350	9,348	8,701										
Carvana Auto Receivables Trust		0.700	0.710	11/10/2026	5,170	5,169	4,796										
Great American Leasing Receivables		0.550	0.554	12/15/2026	2,890	2,890	2,650										
AmeriCredit Automobile Receivables		0.340	0.346	12/18/2026	3,285	3,285	3,166										
Verizon Master Trust		1.040	1.043	01/20/2027	4,375	4,375	4,245										
World OMNI Select Auto Trust		0.530	0.533	03/15/2027	5,150	5,150	4,935										
Ally Auto Receivables Trust		4.760	4.808	05/17/2027	3,000	3,000	3,000										
ARI Fleet Lease Trust		2.530	2.508	11/15/2027	8,350	8,357	8,257										
OneMain Direct Auto Receivables		0.870	0.875	07/14/2028	8,250	8,249	7,581										
Wheels SPV LLC		0.620	0.616	08/20/2029	2,200	2,200	2,086										
Chesapeake Funding II LLC		1.950	1.939	09/15/2031	335	335	334										
OneMain Financial Issuance		3.840	3.212	05/14/2032	3,332	3,426	3,291										
Chesapeake Funding II LLC		0.470	0.472	04/15/2033	2,040	2,040	2,004										
Total Asset Backed Securities	15.4%					109,604	104,393										
Money Market Funds																	
Dreyfus Liquidity		2.922 **			3,981	3,981	3,981										
Total Money Market Funds	0.6%					3,981	3,981										
Total Short Term Bond Pool	100.00%					\$ 717,072	\$ 681,917										

WEST VIRGINIA BANK POOL												
SECURITY NAME	% of <u>ME</u> <u>POOL</u> <u>C</u>		YIELD	MATURITY	<u>UNITS</u>	AMORTIZEI <u>COST</u>	FAIR VALUE*					
Money Market Funds												
Dreyfus Liquidity		2.922 **			66	\$ 6	5 \$ 0					
Total Money Market Funds	100.0%					6	5(					
Total West Virginia Bank Pool	100.0%					\$ 6	5 \$ 6					

	STATE LOAN POOL												
SECURITY NAME	% of POOL	COUPON	YIELD	MATURITY	<u>UNITS</u>	AMORTIZED <u>COST</u>	FAIR VALUE*						
<i>Loans and Mortgages</i> WVEDA Broadband Loan		0.280 %			13,255	\$ 13,255	\$ 13,255						
Total Intergovernmental Loans	99.2%					13,255	13,255						
<i>Money Market Funds</i> Dreyfus Liquidity		2.922 **			101	101	101						
Total Money Market Funds	0.8%					101	101						
Total State Loan Pool	100.0%					\$ 13,356	\$ 13,356						

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(In thousands)

MUNICIPAL BOND COMMISSION											
% of <u>POOL</u>	<u>COUPON</u>	<u>YIELD</u>	<u>MATURITY</u>	<u>UNITS</u>	AMORTIZED <u>COST</u>		FAIR VALUE*				
	0.100 %	0.100	12/01/2022	717	\$	717	\$	717			
	0.190	0.190	06/01/2023	38,957		38,957		38,957			
100.0%						39,674		39,674			
100.0%					\$	39,674	\$	39,674			
	% of <u>POOL</u> 100.0%	% of <u>POOL</u> <u>COUPON</u> 0.100 % 0.190 <u>100.0%</u>	% of POOL         COUPON         YIELD           0.100 %         0.100           0.190         0.190	% of POOL         COUPON         YIELD         MATURITY           0.100 %         0.100         12/01/2022           0.190         0.190         06/01/2023	% of POOL         COUPON         YIELD         MATURITY         UNITS           0.100 %         0.100         12/01/2022         717           0.190         0.190         06/01/2023         38,957           100.0%         100.0%         100.0%         100.0%	% of POOL         COUPON         YIELD         MATURITY         UNITS           0.100 %         0.100         12/01/2022         717         \$           0.190         0.190         06/01/2023         38,957	% of POOL         COUPON         YIELD         MATURITY         UNITS         AMORTIZED COST           0.100 %         0.100         12/01/2022         717         \$ 717           0.190         0.190         06/01/2023         38,957         38,957           100.0%	% of POOL         COUPON         YIELD         MATURITY         UNITS         COST         Y           0.100 %         0.100         12/01/2022         717         \$         717         \$           0.190         0.190         06/01/2023         38,957         38,957         38,957           100.0%         39,674			

	SCHOOL FUND												
SECURITY NAME	% of <u>POOL</u>	COUPON	<u>YIELD</u>	MATURITY	<u>UNITS</u>		RTIZED XOST		AIR LUE*				
<i>Money Market Funds</i> Dreyfus Liquidity		2.922 **			1,107	\$	1,107	\$	1,107				
Total Money Market Funds	100.0%						1,107		1,107				
Total School Fund	100.0%					\$	1,107	\$	1,107				

SECURITY NAME	% of <u>POOL</u>	COUPON	YIELD	MATURITY	UNITS	AMORTIZED <u>COST</u>	FAIR VALUE*
U. S. Treasury Issues United States Treasury Bond		6.250 %	4.929 %	08/15/2023	1,445	\$ 1,460	\$ 1,462
Total U. S. Treasury Issues	99.9%					1,460	1,462
Money Market Funds							
Dreyfus Liquidity		2.922 **			1	1	1
Total Money Market Funds	0.1%					1	1
Total EDA-AW	100.0%					\$ 1,461	\$ 1,463

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**Other Financial Information** 

## WEST VIRGINIA BOARD OF TREASURY INVESTMENTS

## SCHEDULE OF NET ASSET VALUES (UNAUDITED)

## **OCTOBER 31, 2022**

## (IN THOUSANDS EXCEPT FOR INVESTMENT UNIT DATA)

	WV					
			G	overnment	W	/V Short
	WV Money		Money		Term Bond	
	N	Aarket Pool	Μ	larket Pool		Pool
Paid-in capital	\$	8,837,803	\$	276,316	\$	720,391
Accumulated undistributed net investment income (loss)		-		-		-
Accumulated undistributed net realized gain (loss) Unrealized net appreciation (depreciation) of investments		-		-		- (35,154)
Net position at value	\$	8,837,803	\$	276,316	\$	685,237
Investment unit data:						
Units outstanding		8,837,803,414		276,315,661		7,060,571
Net position, unit price	\$	1.00	\$	1.00	\$	97.05

## WEST VIRGINIA BOARD OF TREASURY INVESTMENTS PORTFOLIO STATISTICS (UNAUDITED) October 31, 2022

	West Virginia Money Market	West Virginia Government Money Market	West Virginia Short Term Bond Pool
Weighted Average Days to Maturity	14 days	19 days	N/A
Maximum Weighted Average Investment Maturity Term Per Board Guidelines	60 days	60 days	N/A
Effective Duration	N/A	N/A	536 days
Effective Duration Permissible Range Per Board Guidelines	N/A	N/A	470 to 873 day range
Money Market Yield - Monthly	3.24%	3.02%	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.

## WEST VIRGINIA BOARD OF TREASURY INVESTMENTS

## PARTICIPANT NET ASSET VALUES (UNAUDITED)

# OCTOBER 31, 2022 (IN THOUSANDS)

	W	V Money M	arket Pool	
State Agencies:			Local Governments:	
WV State Treasurer's Office:			Cabell County Board of Education	166,333
State Participation	\$	3,511,610	Jefferson Conty Board of Education	38,950
Banking Services		401,101	Mercer County Board of Education	32,758
Broadband Loan Guarantee		32,655	Wetzel County Board of Education	27,059
Unclaimed Prop Fund Invest		60,448	Putnam County Board of Education	25,345
Safekeeping		35,299	Hampshire County Board of Education	25,125
Roads to Prosperity		47,543	City of Charleston	36,257
Prepaid Tuition Trust		1,012	Marshall County Board of Education	34,138
College&Jumpstart Savings		3,664	Fayette County Board of Education	19,939
Safe Road Bonds		6,148	Taylor County Board of Education	12,940
Veterans Lottery		4,176	Wood Co Board of Education	6,767
Savings & Investment Programs		1,290	Tyler Co Board of Education	18,634
Total WV State Treasurer's Office		4,104,946	Berkeley County Board of Education	21,513
Department of Transportation		1,586,704	Roane County Board of Education	5,931
Governor's Office		697,847	Kanawha Emergency Operations Center	8,013
Higher Education Policy Commission		264,745	Taylor County Commission General Fund	7,079
WV Housing Development Fund		127,694	Lincoln County Board of Education	12,375
Department of Commerce		208,327	Braxton County Board of Education	6,992
Department of Environmental Protection		205,534	Berkeley County PSWD	8,204
Public Employees Insurance Agency		150,482	Kanawha County Emergency Ambulance Authority	10,351
WV Lottery Commission		204,158	City of Weirton	4,430
Water Development Authority		325,042	Boone County Commission	3,746
Division of Natural Resources		84,340	Clarksburg Water Board	6,906
WV Economic Development Authority		73,534	Berkeley County PSSD	5,405
School Board Authority		42,157	Whitehall PSD	1,791
WV Municipal Pension Oversight Board		19,995	City of Dunbar	2,206
Regional Jail Authority		36,132	Greenbrier County Board of Education	2,098
West Viginia University		21,871	Fayette County Commission	2,165
Board of Risk and Insurance Management		19,833	Lewis County Board of Education	1,298
Department of Health and Human Resources		23,842	Ritchie County Board of Education	1,441
Insurance Commission		11,915	Wyoming County Board of Education	1,116
WV State Auditor's Office		9,658	Pleasants County Commission	1,058
Department of Administration		7,326	North Beckley PSD	1,453
Performance and wage bond accounts		21,854	Upshur Board of Education	4,127
Other		6,605	Mason County Commission	2,660
Total State Agencies		8,254,541	Roane County Commission	1,066
			Other	15,593
			Total Local Governments	583,262
			Total net asset value	\$ 8,837,803

WV Government Money Market Pool						
State Agencies:						
Municipal Bond Commission	\$	226,104				
WV State Treasurer's Office - SSBCI		22,155				
Department of Environmental Protection		8,536				
Other		10,008				
Total State Agencies		266,803				
Local Governments:						
Randolph Co Bd of Ed Investment Account		3,820				
Upshur Co Bd of Ed Investment Account		2,013				
Ohio County Board of Education		1,536				
Hancock County Commission		1,171				
Other		973				
Total Local Governments		9,513				
Total net asset value	\$	276,316				
		· · · · ·				

WV Short Term Bond Pool						
State Agencies:						
WV State Treasurer's Office:						
State Participation	\$	306,433				
Banking Services		179,568				
Total WV State Treasurer's Office	486,001					
Department of Environmental Protection		122,930				
WV Economic Development Authority		18,597				
WV Municipal Pension Oversight Board	9,541					
Higher Education Policy Commission	6,173					
WV Court of Claims	6,059					
DHHR - Children's Health Insurance	3,620					
WV Parkways Authority	3,481					
Department of Transportation	2,282					
Other	1,499					
Total State Agencies		660,183				
Local Governments:						
City of Charleston Pension Reserves	23,803					
Other	1,251					
Total Local Governments	25,054					
Total net asset value	\$	685,237				

## 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 smooths 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