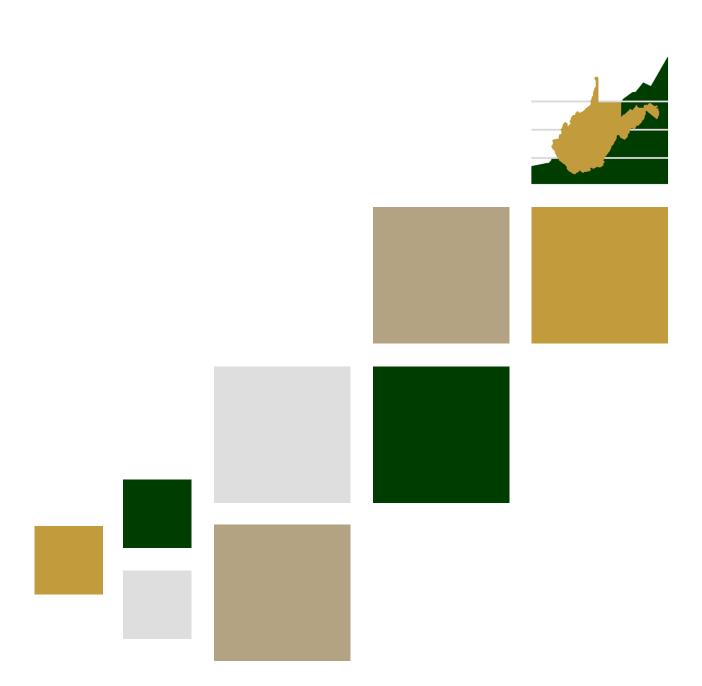
# West Virginia Investment Management Board

# **Financial Statements**

May 31, 2021



#### Financial Statements – Unaudited

May 31, 2021

#### **Order of Presentation**

Portable Alpha

Large Cap Domestic Equity

Non-Large Cap Domestic Equity

International Qualified

International Nonqualified

International Equity

Short-Term Fixed Income

Total Return Fixed Income

Core Fixed Income

TIPS

Private Markets

Hedge Fund

## **Financial Statements - Unaudited**

May 31, 2021

#### Financial Statements - Unaudited May 31, 2021

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#### Statement of Net Position - Unaudited

May 31, 2021

(Amounts in thousands, except unit data)

#### Assets

Investments, at fair value:		
Alternative risk premia funds		\$ 1,192,500
Commingled equity fund		2,714,549
Fixed income investments		680,639
Derivative instruments		156,011
Money market mutual fund		458,636
Receivables:		
Interest, dividends and other investment income receivable		 1,270
	Total assets	5,203,605
Liabilities		
Cash received from brokers for derivative contracts		139,989
Accrued expenses		402
Payable for investments purchased		 93,299
	Total liabilities	 233,690
	Net position	\$ 4,969,915
Unit data		
Units outstanding		101,508,485
Net position, unit price		\$ 48.96

See accompanying notes to financial statements.

### Portable Alpha Pool

#### Statement of Changes in Net Position - Unaudited

Period Ended May 31, 2021\*

(Amounts in thousands)

	N	Month		Year To Date		
Investment income						
Net increase in fair value of investments Interest, dividends, and other investment income Securities lending income	\$	54,828 456 -	\$	1,288,806 5,275 8		
Total investment income		55,284		1,294,089		
Expenses						
Investment advisor fees		(84)		(726)		
Custodian bank fees		(1)		(23)		
Management and other allocated fees		(100)		(967)		
Professional service fees - direct		(16)		(174)		
Securities lending expenses		-		(1)		
Total expenses		(201)		(1,891)		
Net investment income		55,083		1,292,198		
Unit transactions						
In-kind transfers in		-		4,005,187		
In-kind transfers out		-		(227,016)		
Proceeds from sale of units		-		197,006		
Amount paid for repurchase of units		(109,654)		(297,460)		
Net increase (decrease) from unit transactions		(109,654)		3,677,717		
Increase (decrease) in net position		(54,571)		4,969,915		
Net position, beginning of period		5,024,486				
Net position, end of period	\$	4,969,915	\$	4,969,915		

\*The WVIMB operates on a fiscal year beginning on July 1. The "year to date" information is for the period July 1 through the month listed. See accompanying notes to financial statements.

(Amounts in thousands)

#### NOTE 1. DESCRIPTION OF THE ENTITY

The West Virginia Investment Management Board (IMB) was organized on April 25, 1997, as a public body corporate created by *West Virginia Code §12-6-1* to provide prudent fiscal administration and investment management services to designated state pension funds, the state's Workers' Compensation and Coal Workers' Pneumoconiosis funds, and certain other state government funds.

A Board of Trustees, consisting of thirteen members, governs the IMB. The Governor, the State Auditor, and the State Treasurer are ex officio members of the Board of Trustees. The Governor appoints all other Trustees for a term of six years.

The IMB operates on a fiscal year beginning July 1 and ending June 30.

On July 1, 2020, the IMB created the Portable Alpha Pool (Pool). Portable alpha is an investment strategy that uses derivatives to obtain market index returns (beta), which frees up cash that is then invested in a separate investment strategy designed to provide additional return (alpha). On July 1, 2020, assets and liabilities with a fair value of \$1,841,727 were transferred in-kind from the Domestic Equity Pool. In September 2020, the IMB determined that it was beneficial for participant plans with a portable alpha allocation to maintain their entire large capitalization equity allocation in the Pool. Therefore, on October 1, 2020, assets and liabilities with a fair value of \$2,163,460 were transferred in-kind from the Large Cap Domestic Equity Pool.

The accompanying financial statements reflect only the investments and investment related operations of the Pool. They do not reflect activity of the other investment pools under the control of the IMB or the Administrative Fund of the IMB, or any other assets or liabilities, or restrictions thereon, or the various investment pool participants. Accordingly, these financial statements are not intended to and do not present the comprehensive financial position and operations of the IMB or any of the investment pool participants.

The IMB accounts for the Pool under U.S. Generally Accepted Accounting Principles (GAAP) for governments as prescribed by the Governmental Accounting Standards Board (GASB), using the economic resources measurement focus and the accrual basis of accounting.

The Pool's objective is to exceed, net of external investment management fees, the S&P 500 Index over three- to five-year periods. The Pool has three main components: 1) a domestic large capitalization equity beta replication manager and the related margin account, 2) a portfolio of alternative risk premia funds, and 3) a domestic large capitalization equity index manager. Russell Investments Implementation Services, LLC (Russell) is the equity beta replication manager. Russell primarily trades S&P 500 futures contracts and invests the margin account in fixed income securities and a money market mutual fund. Albourne America, LLC has been retained by the IMB to provide consulting services for the portfolio of alternative risk premia funds. The remainder of the Pool's assets are invested in the BlackRock Equity Index Fund B (BlackRock). BlackRock uses a replication indexing approach to achieve investment results that correspond generally to the price and yield performance, before fees and expenses, of the S&P 500 Stock Index.

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES

**Investment Valuation** - The IMB reports its investments at fair value in accordance with GASB Statement No. 72. Refer to Note 4 for further discussion and presentation of the reporting requirements under GASB Statement No. 72.

Fair value of the Pool's portfolio securities is determined on the last business day of each month as follows:

- Futures contracts are valued at the last settlement price established each day by the exchange on which they are traded.
- Fixed income securities are valued according to prices furnished by independent pricing services to the Pool's custodian. These services determine the security prices by a number of methods including, but not limited to, dealer quotes, live market trading levels when available, live feeds of trade execution data, spreads over U.S. Treasury securities, and other models and formulae appropriate to the specific security type.
- Open-end regulated investment companies or other commingled investment funds are valued at the net asset value of the fund as reported by the fund's administrator.

(Amounts in thousands)

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)

• Investments in alternative risk premia funds are not securities for which market quotations are readily available. The IMB has concluded that the net asset value reported by the underlying funds approximates the fair value of these investments and consequently these investments are carried at net asset value as a practical expedient for fair market value. These investments are redeemable with the fund at net asset value under the original terms of the agreements and operations of the underlying fund. However, it is possible that these redemption rights may be restricted or eliminated by the funds in the future in accordance with the underlying fund agreements. Due to the nature of the investments held by the funds, changes in market conditions and the economic environment may significantly impact the net asset value of the funds and, consequently, the fair value of the IMB's interests in the funds. The IMB believes that the net asset value of such investments is a reasonable estimate of fair value as of May 31, 2021.

Investments for which the fair value cannot be determined by one of the above listed processes are valued at fair value as determined in accordance with the IMB's established procedures.

**Securities Lending** - Through November 2020, the IMB, through its lending agent, Northern Trust, lent securities of the Pool to various brokers on a temporary basis. The IMB received compensation in the form of loan premium fees and income from the investment of the cash collateral. Expenses related to the lending of securities were rebates paid by the lending agent to brokers and the lending agent's fees for its services. Securities lending income and expenses are recorded in the Statement of Changes in Net Position.

**Futures Contracts** - A futures contract is an agreement between a buyer or a seller and the clearinghouse of a futures exchange in which the parties agree to buy or sell a commodity, financial instrument or index at a specified future date and price. Upon entering into a financial futures contract, the IMB is required to pledge to the broker an amount of cash, U.S. government securities, or other assets, equal to a certain percentage of the contract amount (initial margin deposit). Cash (variation margin) is received from or paid to the broker on a daily basis for the fluctuations of the underlying securities or index.

The market risk associated with holding equity index futures results from changes in the market value of the contractual positions due to changes in the value of the underlying instruments or indices. Investment risk associated with these futures contracts arises because the value of the futures contracts may not correlate perfectly with changes in the values of the underlying instruments or indices.

Other risks associated with futures contracts are liquidity risk and credit risk. Liquidity risk arises when there is insufficient trading in a particular futures contract. Credit risk arises from the potential inability of counterparties to meet the terms of the contracts. The IMB's managers generally only utilize futures contracts that are traded on major exchanges or are executed with major dealers. The major exchanges assume the risk of a counterparty default and generally require an initial margin deposit of cash or securities.

**Investment Transactions** - Investment transactions are accounted for on a trade date basis. Interest income is recognized on the accrual basis. Dividend income is recognized on the ex-dividend date.

**Use of Estimates** - The preparation of the financial statements in conformity with GAAP 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.

**Unit Valuation and Participant Transactions** - The unit price of the Pool is calculated on the last business day of the month by dividing the net position of the Pool by the number of outstanding units. Participant accounts undergo a monthly rebalancing process to maintain their defined asset allocation. Participant transactions that occur as part of the rebalancing process are executed as a purchase or redemption on the first business day of each month using the prior month end unit price. In-kind transfers of net assets may occur between the investment pools managed by the IMB and are typically used when implementing a new pool structure as an efficient and cost-effective alternative to purchases and redemptions. In-kind transfers are executed at the prior month unit price at the time of transfer.

Distributions to Participants - The Pool does not routinely distribute dividends of net investment income.

(Amounts in thousands)

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)

**Expenses** - The IMB's Trustees adopt an annual budget and fee schedule for services to be provided to all of the investment pools under its management. Each investment pool is charged for its direct investment-related cost and for its allocated share of other expenses. These other expenses are allocated to the individual pools based on asset size. The IMB pays all expenses on behalf of the Pool. In addition to these direct and allocated expenses, the Pool bears certain expenses indirectly, such as fees of other investment funds in which the Pool invests that are reflected in the reported net asset value of such funds.

**Income Taxes** - The IMB is a public corporation organized under laws of the State of West Virginia and exempt from U.S. federal and state taxation. Accordingly, no provision for income taxes is required as of May 31, 2021.

#### NOTE 3. INVESTMENT RISK DISCLOSURES

Derivative financial instruments held in the Pool are limited to equity index futures. These futures are not designated as hedging instruments under GASB Statement No. 53; they are used to obtain S&P 500 market exposure. See Notes 1 and 2 for additional information on the Pool's purpose for entering into derivatives and for discussion on the risks associated with investing in these derivatives.

The table below presents the fair value, the fiscal year to date net increase (decrease) in fair value, and the notional amount of derivative financial instruments outstanding as of and for the period ended May 31, 2021:

	Net Increase (Decrease) in Fair Value							
Derivative Type	Fa	Fair Value of Investments				Notional Value		
Futures contracts:								
Equity index futures long	\$	156,011	\$	511,394	\$	2,467,859		

#### NOTE 4. FAIR VALUE MEASUREMENTS

GASB Statement No. 72 defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. Fair value of an investment is the amount 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 (i.e., the exit price).

GASB Statement No. 72 establishes a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical financial instruments (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB Statement No. 72 are:

- Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities at the reporting date.
- Level 2 Quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not considered active; observable inputs other than observable quoted prices for the asset or liability; or inputs derived principally from or corroborated by observable market data.

Level 3 Unobservable pricing inputs for assets and liabilities.

In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, an investment's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment and considers factors specific to the investment.

(Amounts in thousands)

#### NOTE 4. FAIR VALUE MEASUREMENTS (continued)

U.S. GAAP does not require the Pool to categorize within the fair value hierarchy table investments for which fair value is measured using the net asset value per share (NAV) as a practical expedient. The table that follows sets forth information about the level within the fair value hierarchy at which the Pool's assets and liabilities are measured at May 31, 2021. All of the Pool's investments in alternative risk premia funds (ARP) were valued using the NAV. As such, they have not been categorized in the fair value hierarchy.

Assets	Level 1	]	Level 2	Ι	Level 3	Total
Certificates of deposit	\$ -	\$	18,204	\$	-	\$ 18,204
Commercial paper	-		192,673		-	192,673
Commingled equity fund	2,714,549		-		-	2,714,549
Corporate asset backed issues	-		23,575		-	23,575
Foreign corporate bonds	-		64,253		-	64,253
Futures contracts	156,011		-		-	156,011
Money market mutual fund	458,636		-		-	458,636
U.S. corporate bonds	-		34,523		-	34,523
U.S. Government agency bonds	-		6,295		-	6,295
U.S. Treasury bonds	-		226,588		-	226,588
U.S. Treasury inflation protected securities	 -		114,528		-	 114,528
Total	\$ 3,329,196	\$	680,639	\$	_	\$ 4,009,835
Alternative risk premia funds						1,192,500
Total						\$ 5,202,335

The following table presents information on investments measured at the NAV as of May 31, 2021:

				Redemption
ARP Fund Strategies	F	air Value	Redemption Frequency	Notice Period
Directional (a)	\$	151,090	Monthly	10 days
Multi-Premia (b)		1,041,410	Weekly, Semimonthly, Monthly	3 to 30 days
	\$	1,192,500		

Dedamation

(a) Directional strategies employ various techniques to forecast the direction of segments of the market and then invest in either long or short positions. The segments may be geographic economies, industry sectors, currency, or asset class. The investments may be in physical securities or derivatives. The strategies may be trend-following or mean-reverting and may be specific to that segment or universally applied across them.

(b) Multi-premia strategies combine several strategies within the same fund in order to provide diversification benefits to reduce return volatility and decrease asset-class and single-strategy risks. These funds typically add incremental returns through allocation adjustments based on market opportunities. Risk is managed through a variety of quantitative constraints including, but not limited to, active risk, liquidity risk, currency risk, manager risk, derivatives risk, and leverage risk. Investments representing approximately 15 percent of the fair value of the investments in this strategy are subject to maximum withdrawal restrictions.

(Amounts in thousands)

#### NOTE 5. SCHEDULE OF PARTICIPATION

The following schedule provides the value of participants' accounts in the Pool at May 31, 2021:

Participant	Account Value
Teachers' Retirement System	\$ 2,196,974
Public Employees' Retirement System	1,969,343
West Virginia Retiree Health Benefit Trust Fund	359,758
State Police Death, Disability and Retirement Fund	186,474
Deputy Sheriff's Retirement System	70,107
State Police Retirement System	66,514
Judges' Retirement System	62,668
Emergency Medical Services Retirement System	26,482
Wildlife Endowment Fund	17,420
Natural Resources Police Officer Retirement System	5,525
Municipal Police Officers' and Firefighters' Retirement System	5,098
Berkeley County Development Authority	1,883
Municipal Policemen's or Firemen's Pension and Relief Funds	1,669
Total	\$ 4,969,915

### **Financial Statements - Unaudited**

May 31, 2021

#### Financial Statements - Unaudited May 31, 2021

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#### Statement of Net Position - Unaudited May 31, 2021

(Amounts in thousands, except unit data)

#### Assets

Commingled equity fund Money market mutual fund\$ 364,412 13,000Total assets377,412Liabilities Accrued expenses21Net position\$ 377,391Unit data Units outstanding Net position, unit price7,843,608 \$ 48.11	Investments, at fair value:		
Total assets     377,412       Liabilities     21       Accrued expenses     21       Net position     \$ 377,391       Unit data     7,843,608	Commingled equity fund		\$ 364,412
Liabilities Accrued expenses <u>21</u> Net position <u>\$</u> 377,391 Unit data Units outstanding 7,843,608	Money market mutual fund		13,000
Liabilities Accrued expenses <u>21</u> Net position <u>\$</u> 377,391 Unit data Units outstanding 7,843,608			 
Accrued expenses <u>21</u> Net position <u>\$ 377,391</u> Unit data Units outstanding 7,843,608		Total assets	377,412
Accrued expenses <u>21</u> Net position <u>\$ 377,391</u> Unit data Units outstanding 7,843,608			
Net position     \$ 377,391       Unit data     Units outstanding       7,843,608	Liabilities		
Unit data Units outstanding 7,843,608	Accrued expenses		 21
Units outstanding 7,843,608		Net position	\$ 377,391
	Unit data		
Net position, unit price\$48.11	Units outstanding		7,843,608
	Net position, unit price		\$ 48.11

See accompanying notes to financial statements.

#### Statement of Changes in Net Position - Unaudited

Period Ended May 31, 2021\*

(Amounts in thousands)

	Month		Year To Date		
Investment income					
Net increase in fair value of investments	\$	2,586	\$	265,909	
Expenses					
Investment advisor fees		(2)		(63)	
Custodian bank fees		-		(1)	
Management and other allocated fees		(8)		(241)	
Total expenses		(10)		(305)	
Net investment income		2,576		265,604	
Unit transactions					
In-kind transfers in		-		2,304,599	
In-kind transfers out		-		(2,163,460)	
Proceeds from sale of units		-		123,919	
Amount paid for repurchase of units		(14,986)		(153,271)	
Net increase (decrease) from unit transactions		(14,986)		111,787	
Increase (decrease) in net position		(12,410)		377,391	
Net position, beginning of period		389,801		-	
Net position, end of period	\$	377,391	\$	377,391	

\*The WVIMB operates on a fiscal year beginning on July 1. The "year to date" information is for the period July 1 through the month listed. See accompanying notes to financial statements.

(Amounts in thousands)

#### NOTE 1. DESCRIPTION OF THE ENTITY

The West Virginia Investment Management Board (IMB) was organized on April 25, 1997, as a public body corporate created by *West Virginia Code §12-6-1* to provide prudent fiscal administration and investment management services to designated state pension funds, the state's Workers' Compensation and Coal Workers' Pneumoconiosis funds, and certain other state government funds.

A Board of Trustees, consisting of thirteen members, governs the IMB. The Governor, the State Auditor, and the State Treasurer are ex officio members of the Board of Trustees. The Governor appoints all other Trustees for a term of six years.

The IMB operates on a fiscal year beginning July 1 and ending June 30.

On July 1, 2020, the IMB created the Large Cap Domestic Equity Pool (Pool) to invest in U.S. equities of large-cap growth and value stocks. On July 1, 2020, assets and liabilities with a fair value of \$2,077,583 were transferred in-kind from the Domestic Equity Pool. In September 2020, the IMB determined that it was beneficial for participant plans with a portable alpha allocation to maintain their entire large capitalization equity allocation in the Portable Alpha Pool. Therefore, on October 1, 2020, assets and liabilities with a fair value of \$2,163,460 were transferred out of the Pool.

The accompanying financial statements reflect only the investments and investment related operations of the Pool. They do not reflect activity of the other investment pools under the control of the IMB or the Administrative Fund of the IMB, or any other assets or liabilities, or restrictions thereon, or the various investment pool participants. Accordingly, these financial statements are not intended to and do not present the comprehensive financial position and operations of the IMB or any of the investment pool participants.

The IMB accounts for the Pool under U.S. Generally Accepted Accounting Principles (GAAP) for governments as prescribed by the Governmental Accounting Standards Board (GASB), using the economic resources measurement focus and the accrual basis of accounting.

The Pool's objective is to equal or exceed, net of external investment management fees, the S&P 500 Stock Index over threeto five-year periods. The Pool invests in the BlackRock Equity Index Fund B (BlackRock). BlackRock uses a replication indexing approach to achieve investment results that correspond generally to the price and yield performance, before fees and expenses, of the S&P 500 Stock Index.

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES

**Investment Valuation** - The IMB reports its investments at fair value in accordance with GASB Statement No. 72. Refer to Note 3 for further discussion and presentation of the reporting requirements under GASB Statement No. 72.

Open-end regulated investment companies or other commingled investment funds are valued at the net asset value of the fund as reported by the fund's administrator. Investments for which the fair value cannot be determined are valued at fair value as determined in accordance with the IMB's established procedures.

**Investment Transactions** - Investment transactions are accounted for on a trade date basis. Dividend income is recognized on the ex-dividend date.

**Use of Estimates** - The preparation of the financial statements in conformity with GAAP 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.

(Amounts in thousands)

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)

**Unit Valuation and Participant Transactions** - The unit price of the Pool is calculated on the last business day of the month by dividing the net position of the Pool by the number of outstanding units. Participant accounts undergo a monthly rebalancing process to maintain their defined asset allocation. Participant transactions that occur as part of the rebalancing process are executed as a purchase or redemption on the first business day of each month using the prior month end unit price. In-kind transfers of net assets may occur between the investment pools managed by the IMB and are typically used when implementing a new pool structure as an efficient and cost-effective alternative to purchases and redemptions. In-kind transfers are executed at the prior month unit price at the time of transfer.

Distributions to Participants - The Pool does not routinely distribute dividends of net investment income.

**Expenses** - The IMB's Trustees adopt an annual budget and fee schedule for services to be provided to all of the investment pools under its management. Each investment pool is charged for its direct investment-related cost and for its allocated share of other expenses. These other expenses are allocated to the individual pools based on asset size. The IMB pays all expenses on behalf of the Pool. In addition to these direct and allocated expenses, the Pool bears certain expenses indirectly, such as fees of other investment funds in which the Pool invests that are reflected in the reported net asset value of such funds.

**Income Taxes** - The IMB is a public corporation organized under laws of the State of West Virginia and exempt from U.S. federal and state taxation. Accordingly, no provision for income taxes is required as of May 31, 2021.

#### NOTE 3. FAIR VALUE MEASUREMENTS

GASB Statement No. 72 defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. Fair value of an investment is the amount 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 (i.e., the exit price).

GASB Statement No. 72 establishes a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical financial instruments (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB Statement No. 72 are:

Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities at the reporting date.

- Level 2 Quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not considered active; observable inputs other than observable quoted prices for the asset or liability; or inputs derived principally from or corroborated by observable market data.
- Level 3 Unobservable pricing inputs for assets and liabilities.

In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, an investment's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment and considers factors specific to the investment.

The table below summarizes the valuation of the investment securities in accordance with GASB Statement No. 72 fair value hierarchy levels as of May 31, 2021:

Assets	]	Level 1	Lev	vel 2	Lev	el 3	 Total
Commingled equity fund	\$	364,412	\$	-	\$	-	\$ 364,412
Money market mutual fund		13,000		-		-	 13,000
Total	\$	377,412	\$	-	\$	-	\$ 377,412

(Amounts in thousands)

#### NOTE 4. SCHEDULE OF PARTICIPATION

The following schedule provides the value of participants' accounts in the Pool at May 31, 2021:

Participant	Acc	ount Value
Workers' Compensation Old Fund	\$	155,235
Revenue Shortfall Reserve Fund - Part B		59,580
West Virginia Department of Environmental Protection Agency		46,339
Coal Workers' Pneumoconiosis Fund		35,715
Public Employees Insurance Agency		32,347
Board of Risk and Insurance Management		27,854
Workers' Compensation Self-Insured Employer Security Risk Pool		8,064
Workers' Compensation Self-Insured Employer Guaranty Risk Pool		5,700
West Virginia Department of Environmental Protection Trust		3,562
Workers' Compensation Uninsured Employers' Fund		2,411
Municipal Policemen's or Firemen's Pension and Relief Funds		584
Total	\$	377,391

### **Financial Statements - Unaudited**

May 31, 2021

#### Financial Statements - Unaudited May 31, 2021

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#### Statement of Net Position - Unaudited May 31, 2021

(Amounts in thousands, except unit data)

#### Assets

	< = a <
Equity investments \$ 92	6,526
Money market mutual fund	5,185
Securities lending collateral	6,478
Receivables:	
Investments sold	1,134
Dividends and other investment income	737
<b>Total assets</b> 1,04	0,060
Liabilities	
Accrued expenses	124
Payable for investments purchased	728
Payable upon return of securities loaned	6,478
Total liabilities	7,330
Net position \$ 96	52,730
Unit data	
Units outstanding 17,76	53,929
Net position, unit price	54.20

See accompanying notes to financial statements.

#### Statement of Changes in Net Position - Unaudited

Period Ended May 31, 2021\*

(Amounts in thousands)

	Month		Year To Date	
Investment income				
Net increase in fair value of investments	\$	541	\$	376,247
Interest, dividends, and other investment income		1,100		11,881
Securities lending income		20		253
Total investment income		1,661		388,381
Expenses				
Investment advisor fees		(39)		(728)
Custodian bank fees		(4)		(46)
Management and other allocated fees		(19)		(226)
Securities lending expenses		(3)		(33)
Total expenses		(65)		(1,033)
Net investment income		1,596		387,348
Unit transactions				
In-kind transfers		-		790,270
Proceeds from sale of units		26		2,951
Amount paid for repurchase of units		(21,884)		(217,839)
Net increase (decrease) from unit transactions		(21,858)		575,382
Increase (decrease) in net position		(20,262)		962,730
Net position, beginning of period		982,992		
Net position, end of period	\$	962,730	\$	962,730

\*The WVIMB operates on a fiscal year beginning on July 1. The "year to date" information is for the period July 1 through the month listed. See accompanying notes to financial statements.

(Amounts in thousands)

#### NOTE 1. DESCRIPTION OF THE ENTITY

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A Board of Trustees, consisting of thirteen members, governs the IMB. The Governor, the State Auditor, and the State Treasurer are ex officio members of the Board of Trustees. The Governor appoints all other Trustees for a term of six years.

The IMB operates on a fiscal year beginning July 1 and ending June 30.

On July 1, 2020, the IMB created the Non-Large Cap Domestic Equity Pool (Pool) to invest in U.S. equities of small- and mid-cap growth and value stocks. On July 1, 2020, assets and liabilities with a fair value of \$790,270 were transferred in-kind from the Domestic Equity Pool.

The accompanying financial statements reflect only the investments and investment related operations of the Pool. They do not reflect activity of the other investment pools under the control of the IMB or the Administrative Fund of the IMB, or any other assets or liabilities, or restrictions thereon, or the various investment pool participants. Accordingly, these financial statements are not intended to and do not present the comprehensive financial position and operations of the IMB or any of the investment pool participants.

The IMB accounts for the Pool under U.S. Generally Accepted Accounting Principles (GAAP) for governments as prescribed by the Governmental Accounting Standards Board (GASB), using the economic resources measurement focus and the accrual basis of accounting.

The Pool's objective is to exceed, net of external investment management fees, the Russell 2500 Index over three- to five-year periods. Assets are managed by Russell Implementation Services, inception date December 1, 2020, and Westfield Capital Management. AJO managed assets through November 30, 2020.

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES

**Investment Valuation** - The IMB reports its investments at fair value in accordance with GASB Statement No. 72. Refer to Note 3 for further discussion and presentation of the reporting requirements under GASB Statement No. 72.

Fair value of the Pool's portfolio securities is determined on the last business day of each month as follows:

- Equity securities are valued at the last sale price or official closing price reported in the market in which they are primarily traded.
- Open-end regulated investment companies or other commingled investment funds are valued at the net asset value of the fund as reported by the fund's administrator.

Investments for which the fair value cannot be determined by one of the above listed processes are valued at fair value as determined in accordance with the IMB's established procedures.

(Amounts in thousands)

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)

**Securities Lending** - The IMB, through its lending agent, Northern Trust (NT), loans securities of the Pool to various brokers on a temporary basis. Each transaction for U.S. securities is secured by collateral based on the market value of the securities loaned. The required collateral percentage varies based on the type of collateral received. The required percentage for cash collateral and non-cash collateral consisting of debt obligations and securities issued by the United States Government or its agencies or instrumentalities is at least 102 percent of the market value of the securities loaned. The required percentage of non-cash collateral consisting of equity securities is at least 107 percent of the market value of the securities loaned.

Cash collateral received is invested in the West Virginia Custom Account (Cash Collateral Account). The Cash Collateral Account's investment objective is to maximize current income to the extent consistent with the preservation of capital and maintenance of liquidity. The Cash Collateral Account seeks to maintain a constant net asset value of \$1.00 per share by following strict credit quality, maturity, liquidity, and diversification requirements. Except for underlying repurchase agreement transactions, the Pool is liable for investment losses in the Cash Collateral Account. The lending agent contractually indemnifies the IMB for any repurchase agreement investment losses.

Investments made with cash are reported at fair value on the Statement of Net Position. Securities loaned remain on the Statement of Net Position. The IMB has the right under the lending agreement to recover the securities from the borrower on demand. The IMB receives compensation in the form of loan premium fees and income from the investment of the cash collateral. Expenses related to the lending of securities are rebates paid by the lending agent to brokers and the lending agent's fees for its services. Securities lending income and expenses are recorded in the Statement of Changes in Net Position. The IMB also continues to receive interest or dividends on the securities loaned. Gains or losses in the fair value of the securities loaned that may occur during the term of the loans are reflected in the Statement of Changes in Net Position as a net increase (decrease) in fair value of investments.

**Investment Transactions** - Investment transactions are accounted for on a trade date basis. Interest income is recognized on the accrual basis. Dividend income is recognized on the ex-dividend date.

**Use of Estimates** - The preparation of the financial statements in conformity with GAAP 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.

**Unit Valuation and Participant Transactions** - The unit price of the Pool is calculated on the last business day of the month by dividing the net position of the Pool by the number of outstanding units. Participant accounts undergo a monthly rebalancing process to maintain their defined asset allocation. Participant transactions that occur as part of the rebalancing process are executed as a purchase or redemption on the first business day of each month using the prior month end unit price. In-kind transfers of net assets may occur between the investment pools managed by the IMB and are typically used when implementing a new pool structure as an efficient and cost-effective alternative to purchases and redemptions. In-kind transfers are executed at the prior month unit price at the time of transfer.

Distributions to Participants - The Pool does not routinely distribute dividends of net investment income.

**Expenses** - The IMB's Trustees adopt an annual budget and fee schedule for services to be provided to all of the investment pools under its management. Each investment pool is charged for its direct investment-related cost and for its allocated share of other expenses. These other expenses are allocated to the individual pools based on asset size. The IMB pays all expenses on behalf of the Pool. In addition to these direct and allocated expenses, the Pool bears certain expenses indirectly, such as fees of other investment funds in which the Pool invests that are reflected in the reported net asset value of such funds.

**Income Taxes** - The IMB is a public corporation organized under laws of the State of West Virginia and exempt from U.S. federal and state taxation. Accordingly, no provision for income taxes is required as of May 31, 2021.

(Amounts in thousands)

#### NOTE 3. FAIR VALUE MEASUREMENTS

GASB Statement No. 72 defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. Fair value of an investment is the amount 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 (i.e., the exit price).

GASB Statement No. 72 establishes a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical financial instruments (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB Statement No. 72 are:

- Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities at the reporting date.
- Level 2 Quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not considered active; observable inputs other than observable quoted prices for the asset or liability; or inputs derived principally from or corroborated by observable market data.
- Level 3 Unobservable pricing inputs for assets and liabilities.

In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, an investment's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment and considers factors specific to the investment.

The table below summarizes the valuation of the investment securities in accordance with GASB Statement No. 72 fair value hierarchy levels as of May 31, 2021:

Assets	 Level 1	Lev	vel 2	Lev	el 3	 Total
Common stock	\$ 926,526	\$	-	\$	-	\$ 926,526
Money market mutual fund	5,185		-		-	5,185
Securities lending collateral	76,478		-		-	76,478
Total	\$ 1,008,189	\$	-	\$	-	\$ 1,008,189

#### NOTE 4. SECURITIES LENDING

The following table presents the amounts of various accounts related to securities lending at May 31, 2021:

	Fa	Fair Value		
Securities on loan	\$	153,421		
Collateral received:				
Cash	\$	76,478		
Non-cash		81,760		
Total collateral received	\$	158,238		

NT, as agent for the IMB, loans the IMB's securities to various counterparties. These transactions are executed under the SLAA which permits NT under certain circumstances, such as defaults, to offset amounts payable to the same counterparty against amounts to be received and thus create one single net payment due to or from the counterparty. The amounts listed in the above table represent all securities loaned which are subject to the SLAA on a net payment basis. The IMB has elected not to offset the fair value of the securities on loan against the liability for the return of the collateral on the Statement of Net Position.

(Amounts in thousands)

#### NOTE 5. SCHEDULE OF PARTICIPATION

The following schedule provides the value of participants' accounts in the Pool at May 31, 2021:

Participant	Account Value	;
Teachers' Retirement System	\$ 396,625	;
Public Employees' Retirement System	354,552	2
West Virginia Retiree Health Benefit Trust Fund	63,940	)
State Police Death, Disability and Retirement Fund	33,899	)
Workers' Compensation Old Fund	28,273	;
Deputy Sheriff's Retirement System	12,542	2
State Police Retirement System	11,885	5
Judges' Retirement System	11,220	)
Revenue Shortfall Reserve Fund - Part B	10,581	
West Virginia Department of Environmental Protection Agency	8,204	ŀ
Coal Workers' Pneumoconiosis Fund	6,466	<b>5</b>
Public Employees Insurance Agency	5,602	2
Board of Risk and Insurance Management	4,945	;
Emergency Medical Services Retirement System	4,721	
Wildlife Endowment Fund	3,124	ŀ
Workers' Compensation Self-Insured Employer Security Risk Pool	1,450	)
Workers' Compensation Self-Insured Employer Guaranty Risk Pool	1,021	
Natural Resources Police Officer Retirement System	967	7
Municipal Police Officers' and Firefighters' Retirement System	899	)
West Virginia Department of Environmental Protection Trust	644	ł
Workers' Compensation Uninsured Employers' Fund	431	
Municipal Policemen's or Firemen's Pension and Relief Funds	403	;
Berkeley County Development Authority	336	5
Total	\$ 962,730	)

## **Financial Statements - Unaudited**

May 31, 2021

#### Financial Statements - Unaudited May 31, 2021

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### Statement of Net Position - Unaudited

May 31, 2021

(Amounts in thousands, except unit data)

#### Assets

Investment in commingled equity fund at fair value	\$	1,464,733
Liabilities		
Accrued expenses		59
:	Net position	1,464,674
Unit data		
Units outstanding Net position, unit price	\$	15,976,026 91.68

See accompanying notes to financial statements.

## Statement of Changes in Net Position - Unaudited

Period Ended May 31, 2021\*

(Amounts in thousands)

	Month		Year To Date	
Investment income				
Net increase in fair value of investments	\$	47,439	\$	391,276
Expenses				
Investment advisor fees		(625)		(5,912)
Management and other allocated fees		(30)		(318)
Total expenses		(655)		(6,230)
Net investment income		46,784		385,046
Unit transactions				
Proceeds from sale of units		29		53,892
Amount paid for repurchase of units				(3,588)
Net increase from unit transactions		29		50,304
Increase in net position		46,813		435,350
Net position, beginning of period		1,417,861		1,029,324
Net position, end of period	\$	1,464,674	\$	1,464,674

\*The WVIMB operates on a fiscal year beginning on July 1. The "year to date" information is for the period July 1 through the month listed. See accompanying notes to financial statements.

(Amounts in thousands)

#### NOTE 1. DESCRIPTION OF THE ENTITY

The West Virginia Investment Management Board (IMB) was organized on April 25, 1997, as a public body corporate created by West Virginia Code §12-6-1 to provide prudent fiscal administration and investment management services to designated state pension funds, the state's Workers' Compensation and Coal Workers' Pneumoconiosis funds, and certain other state government funds.

A Board of Trustees, consisting of thirteen members, governs the IMB. The Governor, the State Auditor, and the State Treasurer are ex officio members of the Board of Trustees. The Governor appoints all other Trustees for a term of six years.

The IMB operates on a fiscal year beginning July 1 and ending June 30.

The accompanying financial statements reflect only the investments and investment related operations of the IMB's International Qualified Pool (Pool). They do not reflect activity of the other investment pools under the control of the IMB or the Administrative Fund of the IMB, or any other assets or liabilities, or restrictions thereon, or the various investment pool participants. Accordingly, these financial statements are not intended to and do not present the comprehensive financial position and operations of the IMB or any of the investment pool participants.

The IMB accounts for the Pool under U.S. Generally Accepted Accounting Principles (GAAP) for governments as prescribed by the Governmental Accounting Standards Board (GASB), using the economic resources measurement focus and the accrual basis of accounting.

The Pool invests in The Silchester International Investors International Value Equity Group Trust (Silchester). The Pool's objective is to produce investment returns that exceed the Morgan Stanley Capital International's Europe Australasia Far East Index by 200 basis points on an annualized basis over three- to five-year periods, net of external investment management fees. Only "qualified participants" (as defined by the Internal Revenue Code) may invest in the Pool. Silchester invests in a diversified developed country, non-U.S. equity, bottom-up value oriented portfolio of securities with limited exposure to emerging markets and no unreasonable concentration exposure to any single issuer or country. Redemptions from Silchester can be made monthly with ten days advance written notice. Redemptions will generally be made within seven business days following month-end.

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES

**Investment Valuation** - The IMB reports its investments at fair value in accordance with GASB Statement No. 72. Refer to Note 3 for further discussion and presentation of the reporting requirements under GASB Statement No. 72.

Commingled investment funds are valued on the last business day of each month at the net asset value of the fund as reported by the fund's administrator. Investments for which the fair value cannot be determined are valued at fair value in accordance with the IMB's established procedures.

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

Use of Estimates - The preparation of the financial statements in conformity with GAAP 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.

Unit Valuation and Participant Transactions - The unit price of the Pool is calculated on the last business day of the month by dividing the net position of the Pool by the number of outstanding units. Participant accounts undergo a monthly rebalancing process to maintain their defined asset allocation. Participant transactions that occur as part of the rebalancing process are executed as a purchase or redemption on the first business day of each month using the prior month end unit price.

Distributions to Participants - The Pool does not routinely distribute dividends of net investment income.

(Amounts in thousands)

#### **NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)**

Expenses - The IMB's Trustees adopt an annual budget and fee schedule for services to be provided to all of the investment pools under its management. Each investment pool is charged for its direct investment-related cost and for its allocated share of other expenses. These other expenses are allocated to the individual pools based on asset size. The IMB pays all expenses on behalf of the Pool. In addition to these direct and allocated expenses, the Pool bears certain expenses indirectly, such as fees of the investment fund in which the Pool invests that are reflected in the reported net asset value of such fund.

Income Taxes - The IMB is a public corporation organized under laws of the State of West Virginia and exempt from U.S. federal and state taxation. Accordingly, no provision for income taxes is required as of May 31, 2021.

#### **NOTE 3. FAIR VALUE MEASUREMENTS**

GASB Statement No. 72 defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. Fair value of an investment is the amount 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 (i.e., the exit price).

GASB Statement No. 72 establishes a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical financial instruments (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB Statement No. 72 are:

Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities at the reporting date.

- Level 2 Quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not considered active; observable inputs other than observable quoted prices for the asset or liability; or inputs derived principally from or corroborated by observable market data.
- Level 3 Unobservable pricing inputs for assets and liabilities.

In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, an investment's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment, and considers factors specific to the investment.

U.S. GAAP does not require the Pool to categorize within the fair value hierarchy table investments for which fair value is measured using the net asset value per share (NAV) as a practical expedient. The investment in Silchester is valued using the NAV. As Silchester is the only investment in the Pool, a fair value hierarchy table is not presented.

(Amounts in thousands)

## NOTE 4. SCHEDULE OF PARTICIPATION

The following schedule provides the value of participants' accounts in the Pool at May 31, 2021:

Participant	Ac	count Value
Teachers' Retirement System	\$	702,464
Public Employees' Retirement System		626,576
State Police Death, Disability and Retirement Fund		60,288
Deputy Sheriff's Retirement System		22,182
State Police Retirement System		20,977
Judges' Retirement System		19,851
Emergency Medical Services Retirement System		8,336
Natural Resources Police Officer Retirement System		1,720
Municipal Police Officers' and Firefighters' Retirement System		1,567
Municipal Policemen's or Firemen's Pension and Relief Funds		713
Total	\$	1,464,674

## **Financial Statements - Unaudited**

May 31, 2021

## Financial Statements - Unaudited May 31, 2021

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## Statement of Net Position - Unaudited May 31, 2021

(Amounts in thousands, except unit data)

#### Assets

Investment in commingled equity fund at fair value	\$	221,088
Liabilities		
Accrued expenses		9
Ne	et position	221,079
Unit data		
Units outstanding Net position, unit price	<u>\$</u>	2,646,938 83.52

See accompanying notes to financial statements.

### Statement of Changes in Net Position - Unaudited

Period Ended May 31, 2021\*

(Amounts in thousands, except unit data)

	Month		Year To Date	
Investment income				
Net increase in fair value of investments	\$	7,114	\$	58,985
Expenses				
Investment advisor fees		(107)		(1,033)
Management and other allocated fees		(4)		(48)
Total expenses		(111)		(1,081)
Net investment income		7,003		57,904
Unit transactions				
Proceeds from sale of units		1,510		3,481
Amount paid for repurchase of units		(1,506)		(3,435)
Net increase from unit transactions		4		46
Increase in net position		7,007		57,950
Net position, beginning of period		214,072		163,129
Net position, end of period	\$	221,079	\$	221,079

\*The WVIMB operates on a fiscal year beginning on July 1. The "year to date" information is for the period July 1 through the month listed. See accompanying notes to financial statements.

(Amounts in thousands)

#### NOTE 1. DESCRIPTION OF THE ENTITY

The West Virginia Investment Management Board (IMB) was organized on April 25, 1997, as a public body corporate created by *West Virginia Code §12-6-1* to provide prudent fiscal administration and investment management services to designated state pension funds, the state's Workers' Compensation and Coal Workers' Pneumoconiosis funds, and certain other state government funds.

A Board of Trustees, consisting of thirteen members, governs the IMB. The Governor, the State Auditor, and the State Treasurer are ex officio members of the Board of Trustees. The Governor appoints all other Trustees for a term of six years.

The IMB operates on a fiscal year beginning July 1 and ending June 30.

The accompanying financial statements reflect only the investments and investment related operations of the IMB's International Nonqualified Pool (Pool). They do not reflect activity of the other investment pools under the control of the IMB or the Administrative Fund of the IMB, or any other assets or liabilities, or restrictions thereon, or the various investment pool participants. Accordingly, these financial statements are not intended to and do not present the comprehensive financial position and operations of the IMB or any of the investment pool participants.

The IMB accounts for the Pool under U.S. Generally Accepted Accounting Principles (GAAP) for governments as prescribed by the Governmental Accounting Standards Board (GASB), using the economic resources measurement focus and the accrual basis of accounting.

The Pool invests in The Silchester International Investors International Value Equity Trust (Silchester). The Pool's objective is to produce investment returns that exceed the Morgan Stanley Capital International's Europe Australasia Far East Index by 200 basis points on an annualized basis over three- to five-year periods, net of external investment management fees. The Pool exists for participants who are not "qualified" (as defined by the *Internal Revenue Code*). Silchester invests in a diversified developed country, non-U.S. equity, bottom-up value oriented portfolio of securities with limited exposure to emerging markets and no unreasonable concentration exposure to any single issuer or country. Redemptions from Silchester can be made monthly with ten days advance written notice. Redemptions will generally be made within seven business days following month-end.

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES

**Investment Valuation** - The IMB reports its investments at fair value in accordance with GASB Statement No. 72. Refer to Note 3 for further discussion and presentation of the reporting requirements under GASB Statement No. 72.

Commingled investment funds are valued on the last business day of each month at the net asset value of the fund as reported by the fund's administrator. Investments for which the fair value cannot be determined are valued at fair value in accordance with the IMB's established procedures.

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

**Use of Estimates** - The preparation of the financial statements in conformity with GAAP 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.

**Unit Valuation and Participant Transactions** - The unit price of the Pool is calculated on the last business day of the month by dividing the net position of the Pool by the number of outstanding units. Participant accounts undergo a monthly rebalancing process to maintain their defined asset allocation. Participant transactions that occur as part of the rebalancing process are executed as a purchase or redemption on the first business day of each month using the prior month end unit price.

Distributions to Participants - The Pool does not routinely distribute dividends of net investment income.

(Amounts in thousands)

#### **NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)**

Expenses - The IMB's Trustees adopt an annual budget and fee schedule for services to be provided to all of the investment pools under its management. Each investment pool is charged for its direct investment-related cost and for its allocated share of other expenses. These other expenses are allocated to the individual pools based on asset size. The IMB pays all expenses on behalf of the Pool. In addition to these direct and allocated expenses, the Pool bears certain expenses indirectly, such as fees of the investment fund in which the Pool invests that are reflected in the reported net asset value of such fund.

Income Taxes - The IMB is a public corporation organized under laws of the State of West Virginia and exempt from U.S. federal and state taxation. Accordingly, no provision for income taxes is required as of May 31, 2021.

#### **NOTE 3. FAIR VALUE MEASUREMENTS**

GASB Statement No. 72 defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. Fair value of an investment is the amount 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 (i.e., the exit price).

GASB Statement No. 72 establishes a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical financial instruments (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB Statement No. 72 are:

Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities at the reporting date.

- Level 2 Quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not considered active; observable inputs other than observable quoted prices for the asset or liability; or inputs derived principally from or corroborated by observable market data.
- Level 3 Unobservable pricing inputs for assets and liabilities.

In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, an investment's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment, and considers factors specific to the investment.

U.S. GAAP does not require the Pool to categorize within the fair value hierarchy table investments for which fair value is measured using the net asset value per share (NAV) as a practical expedient. The investment in Silchester is valued using the NAV. As Silchester is the only investment in the Pool, a fair value hierarchy table is not presented.

(Amounts in thousands)

## NOTE 4. SCHEDULE OF PARTICIPATION

The following schedule provides the value of participants' accounts in the Pool at May 31, 2021:

Participant	Acc	ount Value
West Virginia Retiree Health Benefit Trust Fund	\$	102,531
Workers' Compensation Old Fund		47,056
Revenue Shortfall Reserve Fund - Part B		17,923
West Virginia Department of Environmental Protection Agency		13,303
Coal Workers' Pneumoconiosis Fund		10,755
Public Employees Insurance Agency		9,659
Board of Risk and Insurance Management		8,131
Wildlife Endowment Fund		5,322
Workers' Compensation Self-Insured Employer Security Risk Pool		2,426
Workers' Compensation Self-Insured Employer Guaranty Risk Pool		1,689
West Virginia Department of Environmental Protection Trust		1,042
Workers' Compensation Uninsured Employers' Fund		693
Berkeley County Development Authority		549
Total	\$	221,079

# **Financial Statements - Unaudited**

May 31, 2021

## Financial Statements - Unaudited May 31, 2021

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## Statement of Net Position - Unaudited

May 31, 2021

(Amounts in thousands, except unit data)

#### Assets

Investments, at fair value:		
Equity investments		\$ 3,878,541
Money market mutual fund		16,178
Securities lending collateral		71,624
Cash		52,287
Receivables:		
Investments sold		14,200
Dividends and other investment income		 21,630
	Total assets	4,054,460
Liabilities		
Accrued expenses		3,228
Accrued capital gains taxes		2,612
Payable for investments purchased		10,674
Payable upon return of securities loaned		 71,624
	Total liabilities	88,138
	Net position	\$ 3,966,322
Unit data		
Units outstanding		88,418,050
Net position, unit price		\$ 44.86

See accompanying notes to financial statements.

## Statement of Changes in Net Position - Unaudited

Period Ended May 31, 2021\*

(Amounts in thousands)

	Month		Ye	Year To Date	
Investment income					
Net increase in fair value of investments Interest, dividends, and other investment income Securities lending income	\$	120,782 15,751 244	\$	1,347,747 86,236 983	
Total investment income		136,777		1,434,966	
Expenses					
Investment advisor fees		(1,478)		(15,364)	
Custodian bank fees		(72)		(884)	
Management and other allocated fees		(79)		(957)	
Securities lending expenses		(32)		(127)	
Total expenses		(1,661)		(17,332)	
Net investment income		135,116		1,417,634	
Unit transactions					
Proceeds from sale of units		13,618		81,588	
Amount paid for repurchase of units		(9,131)		(981,756)	
Net increase (decrease) from unit transactions		4,487		(900,168)	
Increase in net position		139,603		517,466	
Net position, beginning of period		3,826,719		3,448,856	
Net position, end of period	\$	3,966,322	\$	3,966,322	

\*The WVIMB operates on a fiscal year beginning on July 1. The "year to date" information is for the period July 1 through the month listed. See accompanying notes to financial statements.

(Amounts in thousands)

#### NOTE 1. DESCRIPTION OF THE ENTITY

The West Virginia Investment Management Board (IMB) was organized on April 25, 1997, as a public body corporate created by *West Virginia Code §12-6-1* to provide prudent fiscal administration and investment management services to designated state pension funds, the state's Workers' Compensation and Coal Workers' Pneumoconiosis funds, and certain other state government funds.

A Board of Trustees, consisting of thirteen members, governs the IMB. The Governor, the State Auditor, and the State Treasurer are ex officio members of the Board of Trustees. The Governor appoints all other Trustees for a term of six years.

The IMB operates on a fiscal year beginning July 1 and ending June 30.

The accompanying financial statements reflect only the investments and investment related operations of the IMB's International Equity Pool (Pool). They do not reflect activity of the other investment pools under the control of the IMB or the Administrative Fund of the IMB, or any other assets or liabilities, or restrictions thereon, or the various investment pool participants. Accordingly, these financial statements are not intended to and do not present the comprehensive financial position and operations of the IMB or any of the investment pool participants.

The IMB accounts for the Pool under U.S. Generally Accepted Accounting Principles (GAAP) for governments as prescribed by the Governmental Accounting Standards Board (GASB), using the economic resources measurement focus and the accrual basis of accounting.

The Pool invests in the equities of international companies. The objective of the Pool is to outperform the international equity market as measured by the Morgan Stanley Capital International's All Country World Free Ex US Index over a full market cycle (three- to five-years), net of external investment management fees. Assets are managed by Acadian Asset Management, LLC, Allianz Global Investors, Axiom International Investors, LLC, Brandes Investment Partners, L.P., LSV Asset Management, and Oberweis Asset Management, Inc.

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES

**Investment Valuation** - The IMB reports its investments at fair value in accordance with GASB Statement No. 72. Refer to Note 3 for further discussion and presentation of the reporting requirements under GASB Statement No. 72.

Fair value of the Pool's portfolio securities is determined on the last business day of each month as follows:

- Equity securities are valued at the last sale price or official closing price reported in the market in which they are primarily traded.
- Open-end regulated investment companies, commingled equity funds, and other commingled investment funds are valued at the net asset value of the fund as reported by the fund's administrator.
- Equity securities that trade in non-U.S. markets are valued in U.S. dollars using period end spot market exchange rates as supplied by the Pool's custodian.

Investments for which the fair value cannot be determined by one of the above listed processes are valued at fair value as determined in accordance with the IMB's established procedures.

**Foreign Currency** - Amounts denominated in or expected to settle in foreign currencies are translated into U.S. dollars at exchange rates reported by the Pool's custodian on the following basis:

- Market value of investment securities, other assets and liabilities at the closing rate of exchange at the valuation date.
- Purchases and sales of investment securities, income and expenses at the rate of exchange prevailing on the respective dates of such transactions.

(Amounts in thousands)

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)

**Securities Lending** - The IMB, through its lending agent, Northern Trust (NT), loans securities of the Pool to various brokers on a temporary basis. Each transaction for international securities is secured by collateral based on the market value of the securities loaned. The required collateral percentage varies based on the type of collateral received. The required percentage for cash collateral and non-cash collateral consisting of debt obligations and securities issued by the United States Government or its agencies or instrumentalities is 105 percent unless the foreign securities loaned are denominated and payable in U.S. Dollars, then the collateral shall be at least 102 percent of the market value of the securities loaned. The required percentage of non-cash collateral consisting of equity securities is at least 107 percent of the market value of the securities loaned.

Cash collateral received is invested in the West Virginia Custom Account (Cash Collateral Account). The Cash Collateral Account's investment objective is to maximize current income to the extent consistent with the preservation of capital and maintenance of liquidity. The Cash Collateral Account seeks to maintain a constant net asset value of \$1.00 per share by following strict credit quality, maturity, liquidity, and diversification requirements. Except for underlying repurchase agreement transactions, the Pool is liable for investment losses in the Cash Collateral Account. The lending agent contractually indemnifies the IMB for any repurchase agreement investment losses.

Investments made with cash are reported at fair value on the Statement of Net Position. Securities loaned remain on the Statement of Net Position. The IMB has the right under the lending agreement to recover the securities from the borrower on demand. The IMB receives compensation in the form of loan premium fees and income from the investment of the cash collateral. Expenses related to the lending of securities are rebates paid by the lending agent to brokers and the lending agent's fees for its services. Securities lending income and expenses are recorded in the Statement of Changes in Net Position. The IMB also continues to receive interest or dividends on the securities loaned. Gains or losses in the fair value of the securities loaned that may occur during the term of the loans are reflected in the Statement of Changes in Net Position as a net increase (decrease) in fair value of investments.

**Foreign Currency Spot Contracts** - A foreign currency contract is an agreement between two parties to exchange different currencies at a specified exchange rate at an agreed upon future date. The managers, as listed in Note 1, enter into such contracts to correspond to investment transactions trading in foreign currencies. Risks associated with such contracts include movement in the value of the foreign currency relative to the U.S. dollar and the ability of the counterparty to perform. These contracts have relatively short durations and are valued at the prevailing market exchange rates at month end.

**Investment Transactions** - Investment transactions are accounted for on a trade date basis. Interest income is recognized on the accrual basis. Dividend income is recognized on the ex-dividend date.

**Use of Estimates** - The preparation of the financial statements in conformity with GAAP 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.

**Unit Valuation and Participant Transactions** - The unit price of the Pool is calculated on the last business day of the month by dividing the net position of the Pool by the number of outstanding units. Participant accounts undergo a monthly rebalancing process to maintain their defined asset allocation. Participant transactions that occur as part of the rebalancing process are executed as a purchase or redemption on the first business day of each month using the prior month end unit price.

Distributions to Participants - The Pool does not routinely distribute dividends of net investment income.

**Expenses** - The IMB's Trustees adopt an annual budget and fee schedule for services to be provided to all of the investment pools under its management. Each investment pool is charged for its direct investment-related cost and for its allocated share of other expenses. These other expenses are allocated to the individual pools based on asset size. The IMB pays all expenses on behalf of the Pool. In addition to these direct and allocated expenses, the Pool bears certain expenses indirectly, such as fees of other investment funds in which the Pool invests that are reflected in the reported net asset value of such funds.

(Amounts in thousands)

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)

**Income Taxes** - The IMB is a public corporation organized under laws of the State of West Virginia and exempt from U.S. federal and state taxation. Accordingly, no provision for U.S. federal or state income taxes is required as of May 31, 2021.

In certain foreign countries, the Pool's dividend income and capital gains may be taxable. Taxes on dividend income are generally withheld from the payments and as a result there is no provision recorded for these taxes. In certain cases there may be a full or partial reclaim available for the withheld taxes. Capital gains taxes, if any, on sales of securities may be assessed and paid concurrent with the sale or upon the filing of a return with the taxing authority. In countries where the IMB is liable for capital gains taxes, the IMB will estimate and accrue a capital gains taxes, when applicable, are reported on the Statement of Net Position. Dividend income is reported net of non-reclaimable taxes withheld on the Statement of Changes in Net Position. The net increase (decrease) in fair value of investments is reported net of capital gains taxes on the Statement of Changes in Net Position.

#### NOTE 3. FAIR VALUE MEASUREMENTS

GASB Statement No. 72 defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. Fair value of an investment is the amount 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 (i.e., the exit price).

GASB Statement No. 72 establishes a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical financial instruments (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB Statement No. 72 are:

- Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities at the reporting date.
- Level 2 Quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not considered active; observable inputs other than observable quoted prices for the asset or liability; or inputs derived principally from or corroborated by observable market data.

Level 3 Unobservable pricing inputs for assets and liabilities.

In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, an investment's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment, and considers factors specific to the investment.

U.S. GAAP does not require the Pool to categorize within the fair value hierarchy table investments for which fair value is measured using the net asset value per share as the practical expedient. The table that follows sets forth information about the level within the fair value hierarchy at which the Pool's assets and liabilities are measured at May 31, 2021. The Pool's investment in a commingled equity fund was valued using the net asset value per share, as such they have not been categorized in the fair value hierarchy.

(Amounts in thousands)

#### **NOTE 3. FAIR VALUE MEASUREMENTS (continued)**

Assets		 Level 1	Le	evel 2	Le	vel 3	 Total
Common stock		\$ 3,305,015	\$	-	\$	-	\$ 3,305,015
Money market mutual fund		16,178		-		-	16,178
Preferred stock		44,773		-		-	44,773
Rights		16		-		-	16
Securities lending collateral		 71,624		-		-	 71,624
	Total	\$ 3,437,606	\$	-	\$	-	\$ 3,437,606
Commingled equity fund					-		 528,737
	Total						\$ 3,966,343

The Pool's commingled equity fund investment was measured at the NAV as of May 31, 2021. The fund invests primarily in Chinese A-Share publicly listed equity securities. The IMB defines the investment style as growth at a reasonable price with limited concentration to any single issuer or sector. Redemptions can be made daily with five international business days advance written notice of the withdrawal date, subject to maximum withdrawal restrictions. The fund will pay withdrawal proceeds within thirty days following the withdrawal date.

#### **NOTE 4. SECURITIES LENDING**

The following table presents the amounts of various accounts related to securities lending at May 31, 2021.

	Fair Value				
Securities on loan	\$	172,703			
Collateral received:					
Cash	\$	71,624			
Non-cash		111,576			
Total collateral received	\$	183,200			

NT, as agent for the IMB, loans the IMB's securities to various counterparties. These transactions are executed under the SLAA which permits NT under certain circumstances, such as defaults, to offset amounts payable to the same counterparty against amounts to be received and thus create one single net payment due to or from the counterparty. The amounts listed in the above table represent all securities loaned which are subject to the SLAA on a net payment basis. The IMB has elected not to offset the fair value of the securities on loan against the liability for the return of the collateral on the Statement of Net Position.

(Amounts in thousands)

## NOTE 5. SCHEDULE OF PARTICIPATION

The following schedule provides the value of participants' accounts in the Pool at May 31, 2021:

Participant	Acco	<u>unt Value</u>
Teachers' Retirement System	\$	1,620,382
Public Employees' Retirement System		1,453,633
West Virginia Retiree Health Benefit Trust Fund		280,329
State Police Death, Disability and Retirement Fund		138,584
Workers' Compensation Old Fund		114,765
Deputy Sheriff's Retirement System		52,489
State Police Retirement System		50,640
Judges' Retirement System		46,817
Revenue Shortfall Reserve Fund - Part B		43,977
West Virginia Department of Environmental Protection Agency		34,851
Coal Workers' Pneumoconiosis Fund		26,343
Public Employees Insurance Agency		23,616
Board of Risk and Insurance Management		20,751
Emergency Medical Services Retirement System		19,868
Wildlife Endowment Fund		13,294
Workers' Compensation Self-Insured Employer Security Risk Pool		5,943
Workers' Compensation Self-Insured Employer Guaranty Risk Pool		4,233
Natural Resources Police Officer Retirement System		4,182
Municipal Police Officers' and Firefighters' Retirement System		4,016
West Virginia Department of Environmental Protection Trust		2,677
Workers' Compensation Uninsured Employers' Fund		1,802
Municipal Policemen's or Firemen's Pension and Relief Funds		1,675
Berkeley County Development Authority		1,455
Total	\$	3,966,322

# **Financial Statements - Unaudited**

May 31, 2021

## Financial Statements - Unaudited May 31, 2021

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## Statement of Net Position - Unaudited May 31, 2021

(Amounts in thousands, except unit data)

#### Assets

Investments, at amortized cost:			
U.S. Treasury and government agency bonds		\$	202,602
Commercial paper			25,910
Repurchase agreement			10,838
Money market mutual fund			2
Receivable for interest and dividends			266
	Total assets		239,618
Liabilities			
Accrued expenses			36
	Net position	\$	239,582
Unit data			
Units outstanding		/	239,603,886
Net position, unit price		\$	1.00

See accompanying notes to financial statements.

### Statement of Changes in Net Position - Unaudited

Period Ended May 31, 2021\*

(Amounts in thousands)

	Mo	nth	Year To Date			
Investment income	\$	9	\$	287		
Expenses						
Investment advisor fees Custodian bank fees Management and other allocated fees		(11) (1) (6)		(138) (4) (97)		
Total expenses		(18)		(239)		
Net investment income (loss)		(9)		48		
Distributions to unitholders		-		(70)		
Unit transactions						
Proceeds from sale of units Reinvestment of distributions Amount paid for repurchase of units	(	88,294 - 110,896)		1,350,763 70 (1,727,770)		
Net decrease from unit transactions		(22,602)		(376,937)		
Decrease in net position		(22,611)		(376,959)		
Net position, beginning of period	2	262,193		616,541		
Net position, end of period	\$ 2	239,582	\$	239,582		

\*The WVIMB operates on a fiscal year beginning on July 1. The "year to date" information is for the period July 1 through the month listed. See accompanying notes to financial statements.

(Amounts in thousands)

#### NOTE 1. DESCRIPTION OF THE ENTITY

The West Virginia Investment Management Board (IMB) was organized on April 25, 1997, as a public body corporate created by West Virginia Code §12-6-1 to provide prudent fiscal administration and investment management services to designated state pension funds, the state's Workers' Compensation and Coal Workers' Pneumoconiosis funds, and certain other state government funds.

A Board of Trustees, consisting of thirteen members, governs the IMB. The Governor, the State Auditor, and the State Treasurer are ex officio members of the Board of Trustees. The Governor appoints all other Trustees for a term of six years.

The IMB operates on a fiscal year beginning July 1 and ending June 30.

The accompanying financial statements reflect only the investments and investment related operations of the IMB's Short-Term Fixed Income Pool (Pool). They do not reflect activity of the other investment pools under the control of the IMB or the Administrative Fund of the IMB, or any other assets or liabilities, or restrictions thereon, or the various investment pool participants. Accordingly, these financial statements are not intended to and do not present the comprehensive financial position and operations of the IMB or any of the investment pool participants.

The IMB accounts for the Pool under U.S. Generally Accepted Accounting Principles (GAAP) for governments as prescribed by the Governmental Accounting Standards Board (GASB), using the economic resources measurement focus and the accrual basis of accounting.

The main objective of the Pool is to maintain sufficient liquidity to meet the daily disbursements requested by participants and to invest any contributions until the time the money is transferred to other IMB operated investment pools without sustaining capital losses while earning a small return above inflation. The Pool's benchmark, net of external investment management fees, is the FTSE 3 Month US T-Bill Index. JP Morgan Investment Advisors, Inc. manages the Pool.

## NOTE 2. SIGNIFICANT ACCOUNTING POLICIES

Investment Valuation - The IMB reports its investments at amortized cost provided such amounts approximate fair value in accordance with GASB Statements No. 72 and No. 79. The basic premise underlying the use of the amortized cost method of valuation is that high-quality, short-term debt securities held until maturity will eventually return to their amortized cost value, regardless of any current disparity between the amortized cost value and market value, and would not ordinarily be expected to fluctuate significantly in value. The Pool values its securities at amortized cost so long as the deviation between the amortized cost and current market value remains minimal and results in the computation of a share price that represents fairly the stable net position value per share of \$1. Refer to Note 3 for further discussion and presentation of the reporting requirements under GASB Statement No. 72.

Repurchase Agreements - In connection with transactions in repurchase agreements, it is the IMB's policy that its designated custodian or mutual third party take possession of the underlying collateral securities, the fair value of which exceeds the principal amount of the repurchase transaction at all times. If the seller defaults, and the fair value of the collateral declines, realization of the collateral by the IMB may be delayed or limited.

Investment Transactions - Investment transactions are accounted for on a trade date basis. Interest income, including the accretion of discounts and amortization of premiums, is accrued daily as earned. Dividend income is recognized on the exdividend date.

Use of Estimates - The preparation of the financial statements in conformity with GAAP 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.

(Amounts in thousands)

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)

**Unit Valuation and Participant Transactions** – The unit price of the Pool is calculated daily by dividing the net position of the Pool by the number of outstanding units. Managements' policy is for the Pool to maintain a stable unit price of \$1 per unit. If the calculated unit price rounds to \$1, then participant transactions are executed at this price.

**Distributions to Participants** – Daily net investment income is declared as a dividend and distributed to the participants of the Pool 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 unitholders and reinvestment of distributions as presented on the Statement of Changes in Net Position. The Pool does not distribute net investment losses.

**Expenses** - The IMB's Trustees adopt an annual budget and fee schedule for services to be provided to all of the investment pools under its management. Each investment pool is charged for its direct investment-related cost and for its allocated share of other expenses. These other expenses are allocated to the individual pools based on asset size. The IMB pays all expenses on behalf of the Pool.

**Income Taxes** - The IMB is a public corporation organized under laws of the State of West Virginia and exempt from U.S. federal and state taxation. Accordingly, no provision for income taxes is required as of May 31, 2021.

#### NOTE 3. FAIR VALUE MEASUREMENTS

GASB Statement No. 72 defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. Fair value of an investment is the amount 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 (i.e., the exit price).

GASB Statement No. 72 establishes a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical financial instruments (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB Statement No. 72 are:

- Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities at the reporting date.
- Level 2 Quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not considered active; observable inputs other than observable quoted prices for the asset or liability; or inputs derived principally from or corroborated by observable market data.
- Level 3 Unobservable pricing inputs for assets and liabilities.

In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, an investment's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment, and considers factors specific to the investment.

The table below summarizes the valuation of the investments in accordance with GASB Statement No. 72 fair value hierarchy levels as of May 31, 2021:

Assets		Le	evel 1	]	Level 2	L	evel 3	 Total
Commercial paper		\$	-	\$	25,910	\$	-	\$ 25,910
Money market mutual fund			2		-		-	2
Repurchase agreement			-		10,838		-	10,838
U.S. Government agency bonds			-		15,000		-	15,000
U.S. Treasury bonds			-		187,602		-	 187,602
	Total	\$	2	\$	239,350	\$	-	\$ 239,352

(Amounts in thousands)

## NOTE 4. SCHEDULE OF PARTICIPATION

The following schedule provides the value of participants' accounts in the Pool at May 31, 2021:

Participant	Acco	unt Value
Revenue Shortfall Reserve Fund	\$	125,000
Workers' Compensation Old Fund		43,045
Teachers' Retirement System		26,471
Public Employees' Retirement System		14,458
Coal Workers' Pneumoconiosis Fund		10,620
Board of Risk and Insurance Management		9,386
Workers' Compensation Self-Insured Employer Security Risk Pool		2,435
Workers' Compensation Self-Insured Employer Guaranty Risk Pool		1,883
Workers' Compensation Uninsured Employers' Fund		1,682
State Police Retirement System		1,269
Deputy Sheriff's Retirement System		678
Municipal Police Officers' and Firefighters' Retirement System		670
State Police Death, Disability and Retirement Fund		634
Emergency Medical Services Retirement System		604
Judges' Retirement System		276
Natural Resources Police Officer Retirement System		271
Municipal Policemen's or Firemen's Pension and Relief Funds		122
Wildlife Endowment Fund		100
Total	\$	239,604

## **Financial Statements - Unaudited**

May 31, 2021

## Financial Statements - Unaudited May 31, 2021

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## Statement of Net Position - Unaudited May 31, 2021

(Amounts in thousands, except unit data)

#### Assets

Investments, at fair value:		
Fixed income investments		\$ 2,730,981
Derivative instruments		67,724
Equity investments		13,165
Money market mutual fund		206,110
Securities lending collateral		42,399
Cash		29,225
Receivables:		
Interest, dividends, and other investment income		18,887
Investments sold		 157,646
	Total assets	3,266,137
Liabilities		
Investments in derivative instruments at fair value		43,895
Securities sold short at fair value		2,584
Cash received from brokers for derivative contracts		1,712
Accrued expenses		1,184
Payable for investments purchased		221,083
Payable upon return of securities loaned		 42,399
	Total liabilities	 312,857
	Net position	\$ 2,953,280
Unit data		
Units outstanding		168,402,279
Net position, unit price		\$ 17.54
- •		

See accompanying notes to financial statements.

## Statement of Changes in Net Position - Unaudited

Period Ended May 31, 2021\*

(Amounts in thousands)

	Month		Year To Date		
Investment income					
Net increase in fair value of investments Interest, dividends, and other investment income Securities lending income	\$	6,322 6,345 24	\$	54,381 70,477 195	
Total investment income		12,691		125,053	
Expenses					
Investment advisor fees		(524)		(5,145)	
Custodian bank fees		(15)		(129)	
Management and other allocated fees		(62)		(677)	
Securities lending expenses		(3)		(25)	
Total expenses		(604)		(5,976)	
Net investment income		12,087		119,077	
Unit transactions					
Proceeds from sale of units		62,034		871,464	
Amount paid for repurchase of units				(147,406)	
Net increase from unit transactions		62,034		724,058	
Increase in net position		74,121		843,135	
Net position, beginning of period		2,879,159		2,110,145	
Net position, end of period	\$	2,953,280	\$	2,953,280	

\*The WVIMB operates on a fiscal year beginning on July 1. The "year to date" information is for the period July 1 through the month listed. See accompanying notes to financial statements.

(Amounts in thousands)

#### NOTE 1. DESCRIPTION OF THE ENTITY

The West Virginia Investment Management Board (IMB) was organized on April 25, 1997, as a public body corporate created by *West Virginia Code §12-6-1* to provide prudent fiscal administration and investment management services to designated state pension funds, the state's Workers' Compensation and Coal Workers' Pneumoconiosis funds, and certain other state government funds.

A Board of Trustees, consisting of thirteen members, governs the IMB. The Governor, the State Auditor, and the State Treasurer are ex officio members of the Board of Trustees. The Governor appoints all other Trustees for a term of six years.

The IMB operates on a fiscal year beginning July 1 and ending June 30.

The accompanying financial statements reflect only the investments and investment related operations of the IMB's Total Return Fixed Income Pool (Pool). They do not reflect activity of the other investment pools under the control of the IMB or the Administrative Fund of the IMB, or any other assets or liabilities, or restrictions thereon, or the various investment pool participants. Accordingly, these financial statements are not intended to and do not present the comprehensive financial position and operations of the IMB or any of the investment pool participants.

The IMB accounts for the Pool under U.S. Generally Accepted Accounting Principles (GAAP) for governments as prescribed by the Governmental Accounting Standards Board (GASB), using the economic resources measurement focus and the accrual basis of accounting.

The main objective of the Pool is to generate investment income, provide stability, and enhance diversification but not at the expense of total return. The Pool's investment objective is to outperform the Bloomberg Barclays U.S. Universal Bond Index over three- to five-year periods, net of external investment management fees. Dodge & Cox, Franklin Templeton Investments, and Western Asset Management Company manage the Pool.

## NOTE 2. SIGNIFICANT ACCOUNTING POLICIES

**Investment Valuation** - The IMB reports its investments at fair value in accordance with GASB Statement No. 72. Refer to Note 4 for further discussion and presentation of the reporting requirements under GASB Statement No. 72.

Fair value of the Pool's portfolio securities is determined on the last business day of each month as follows:

- Fixed income securities are valued according to prices furnished by independent pricing services to the Pool's custodian. These services determine the security prices by a number of methods including, but not limited to, dealer quotes, live market trading levels when available, live feeds of trade execution data, spreads over U.S. Treasury securities, and other models and formulae appropriate to the specific security type.
- Open-end regulated investment companies, commingled debt funds, and other commingled investment funds are valued at the net asset value of the fund as reported by the fund's administrator.
- Futures and option contracts are valued at the last settlement price established each day by the exchange on which they are traded.
- Credit default, interest rate, and total return swaps are valued at the last settlement price established each day by the exchange on which they are traded, are based on market values received from third parties, or are determined by valuation models.
- Foreign currency forward contracts are valued at the prevailing market exchange rates at month-end.
- Repurchase agreements are valued at cost, provided such amount approximates fair value.
- Equity securities are valued at the last sale price or official closing price reported in the market in which they are primarily traded.

Investments for which the fair value cannot be determined by one of the above listed processes are valued at fair value as determined in accordance with the IMB's established procedures.

(Amounts in thousands)

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)

**Foreign Currency** - Amounts denominated in or expected to settle in foreign currencies are translated into U.S. dollars at exchange rates reported by the Pool's custodian on the following basis:

- Market value of investment securities, other assets and liabilities at the closing rate of exchange at the valuation date.
- Purchases and sales of investment securities, income and expenses at the rate of exchange prevailing on the respective dates of such transactions.

**Option Contracts** - The IMB may purchase or write bond, currency, or index option contracts that have recognized liquidity and are actively traded on major exchanges or are executed with major dealers. These option contracts give the purchaser (seller) of the contract the right to buy (call) or sell (put) the security, or settle cash for an index option, underlying the contract at an agreed upon price (strike price) during, or at the conclusion of, a specified period of time.

Written option contracts are used to enhance investment returns and reduce portfolio convexity when implied volatility is high. Purchased option contracts are used to increase portfolio convexity when implied volatility is low, to implement certain yield curve strategies, or to hedge sector exposure.

When writing put options, there is risk that a loss may be incurred if the market price of the underlying instrument decreases and the option is exercised. This loss is determined by market conditions and cannot be specifically limited. The risk associated with writing call options is the loss of potential profit if the market price of the security increases and the option is exercised. Purchased put or call options bear the risk of loss of the premium paid if market conditions are not favorable to exercise the option. There may also be risk that the value of the option contract does not correlate perfectly with movements of the underlying instrument due to certain market distortions.

The IMB limits its exposure to credit risk by only buying or selling options traded on major exchanges, or executed with major dealers. There is a risk of the inability to enter into a closing transaction if a liquid secondary market does not exist. The IMB maintains sufficient levels of cash or cash equivalents to meet cash flow obligations.

**Securities Lending** - The IMB, through its lending agent, Northern Trust (NT), loans securities of the Pool to various brokers on a temporary basis. Each transaction for international and domestic securities is secured by collateral based on the market value of the securities loaned. The required collateral percentage varies based on the type of collateral received and the type of security loaned. For U.S. securities, the required percentage of cash collateral and non-cash collateral consisting of debt obligations and securities issued by the United States Government or its agencies or instrumentalities is at least 102 percent of the market value of the securities loaned plus accrued income. For international securities, the required collateral is at least 105 percent of the market value of the securities on loan unless the foreign securities loaned are denominated and payable in U.S. Dollars, then the collateral shall be at least 102 percent of the market value of the securities loaned.

Cash collateral received is invested in the West Virginia Custom Account (Cash Collateral Account). The Cash Collateral Account's investment objective is to maximize current income to the extent consistent with the preservation of capital and maintenance of liquidity. The Cash Collateral Account seeks to maintain a constant net asset value of \$1.00 per share by following strict credit quality, maturity, liquidity, and diversification requirements. Except for underlying repurchase agreement transactions, the Pool is liable for investment losses in the Cash Collateral Account. The lending agent contractually indemnifies the IMB for any repurchase agreement investment losses.

(Amounts in thousands)

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)

Investments made with cash are reported at fair value on the Statement of Net Position. Securities loaned remain on the Statement of Net Position. The IMB has the right under the lending agreement to recover the securities from the borrower on demand. The IMB receives compensation in the form of loan premium fees and income from the investment of the cash collateral. Expenses related to the lending of securities are rebates paid by the lending agent to brokers and the lending agent's fees for its services. Securities lending income and expenses are recorded in the Statement of Changes in Net Position. The IMB also continues to receive interest or dividends on the securities loaned. Gains or losses in the fair value of the securities loaned that may occur during the term of the loans are reflected in the Statement of Changes in Net Position as a net increase (decrease) in fair value of investments.

**Futures Contracts** - A futures contract is an agreement between a buyer or a seller and the clearinghouse of a futures exchange in which the parties agree to buy or sell a commodity, financial instrument or index at a specified future date and price. Upon entering into a financial futures contract, the IMB is required to pledge to the broker an amount of cash, U.S. government securities, or other assets, equal to a certain percentage of the contract amount (initial margin deposit). Cash (variation margin) is received from or paid to the broker on a daily basis for the fluctuations of the underlying securities or index.

Interest rate futures may be used to enhance portfolio yields, manage portfolio duration, or as an alternative investment of cash.

The market risk associated with holding interest rate futures results from changes in the market value of the contractual positions due to changes in the value of the underlying instruments or indices. Investment risk associated with these futures contracts arises because the value of the futures contracts may not correlate perfectly with changes in the values of the underlying instruments or indices.

Other risks associated with futures contracts are liquidity risk and credit risk. Liquidity risk arises when there is insufficient trading in a particular futures contract. Credit risk arises from the potential inability of counterparties to meet the terms of the contracts. The IMB's managers generally only utilize futures contracts that are traded on major exchanges or are executed with major dealers. The major exchanges assume the risk of a counterparty default and generally require an initial margin deposit of cash or securities.

**Foreign Currency Forward Contracts** - A foreign currency forward contract is an agreement between two parties to exchange different currencies at a specified exchange rate at an agreed upon future date. The IMB enters into such contracts to take advantage of the relative changes in currency exchange rates. Risks associated with such contracts include movement in the value of the foreign currency relative to the U.S. dollar and the ability of the counterparty to perform.

**Credit Default Swaps -** Credit default swaps are agreements between counterparties to transfer the credit risk of referenced debt securities. The buyer of the credit default swap gains protection against a negative credit event such as a default or credit rating downgrade and the seller assumes the credit risk and is obligated to pay upon the occurrence of such an event. Credit default swap agreements are marked-to-market daily. Upfront payments received or made by the Pool on credit default swap agreements are capitalized. Periodic payments received or paid are recorded as interest income. Payments received or made as a result of a credit event or termination of the contract are recognized, net of a proportional amount of the upfront payment, in net increase (decrease) in fair value of investments.

Credit default swaps are instruments which allow for the full or partial transfer of third party credit risk, with respect to a particular entity or entities, from one counterparty to the other. A seller of credit default swaps is selling credit protection or assuming credit risk with respect to the underlying entity or entities. If a credit event occurs, as defined under the terms of the swap agreement, the seller of protection will either (i) pay to the buyer of protection an amount equal to the notional amount of the swap and take delivery of the referenced obligation or underlying securities comprising the referenced index or (ii) pay a net settlement amount in the form of cash or securities equal to the notional amount of the swap less the recovery value of the referenced obligation or underlying securities comprising the referenced index. The Notional Principal reflects the maximum potential amount the seller of protection could be required to pay if a credit event occurs. The seller of protection receives periodic premium payments from the counterparty and may also receive or pay an upfront premium adjustment to the stated periodic premium.

(Amounts in thousands)

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)

Interest Rate Swaps - Interest rate swaps are agreements between counterparties to exchange cash flows based on the difference between a fixed and floating interest rate, applied to a notional principal amount for a specified period. A basis swap is a type of interest rate swap that exchanges one floating rate for another. Upfront payments received or made by the Pool on interest rate swap agreements are capitalized. Interest is paid or received periodically.

Total Return Swaps - Total return swaps are agreements in which one party makes payments based on a fixed or variable rate, while the other party makes payments based on the total return of an underlying referenced instrument, applied to a notional principal amount for a specified period. The underlying referenced instrument can be either a security or market index. A total return swap allows the party receiving the total return to obtain exposure to the underlying referenced instrument without actually owning the underlying position.

Asset-Backed Securities - The Pool invests in various asset-backed securities, mortgage-backed securities, and structured corporate debt. The Pool invests 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. Interest income is recognized on the accrual basis. Dividend income is recognized on the ex-dividend date.

Use of Estimates - The preparation of the financial statements in conformity with GAAP 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.

Unit Valuation and Participant Transactions - The unit price of the Pool is calculated on the last business day of the month by dividing the net position of the Pool by the number of outstanding units. Participant accounts undergo a monthly rebalancing process to maintain their defined asset allocation. Participant transactions that occur as part of the rebalancing process are executed as a purchase or redemption on the first business day of each month using the prior month end unit price.

Distributions to Participants - The Pool does not routinely distribute dividends of net investment income.

Expenses - The IMB's Trustees adopt an annual budget and fee schedule for services to be provided to all of the investment pools under its management. Each investment pool is charged for its direct investment-related cost and for its allocated share of other expenses. These other expenses are allocated to the individual pools based on asset size. The IMB pays all expenses on behalf of the Pool. In addition to these direct and allocated expenses, the Pool bears certain expenses indirectly, such as fees of other investment funds in which the Pool invests that are reflected in the reported net asset value of such funds.

Income Taxes - The IMB is a public corporation organized under laws of the State of West Virginia and exempt from U.S. federal and state taxation. Accordingly, no provision for U.S. federal or state income taxes is required as of May 31, 2021.

In certain foreign countries, the Pool's interest income and capital gains may be taxable. Taxes on interest income are generally withheld from the payments and as a result there is no provision recorded for these taxes. In certain cases, there may be a full or partial reclaim available for the withheld taxes. Capital gains taxes, if any, on sales of securities may be assessed and paid concurrent with the sale or upon the filing of a return with the taxing authority. In countries where the IMB is liable for capital gains taxes, the IMB will estimate and accrue a capital gains tax liability for unrealized gains on securities held in such countries. The outstanding reclaims and accrued capital gains taxes, when applicable, are reported on the Statement of Net Position. Interest income is reported net of non-reclaimable taxes withheld on the Statement of Changes in Net Position. The net increase (decrease) in fair value of investments is reported net of capital gains taxes on the Statement of Changes in Net Position.

(Amounts in thousands)

#### **NOTE 3. DERIVATIVE FINANCIAL INSTRUMENTS**

Derivative financial instruments held in the Pool include foreign exchange contracts, futures, options, credit default swaps, interest rate swaps, total return swaps, and basis swaps. None of these derivative financial instruments are designated as hedging instruments under GASB Statement No. 53; they are used to implement portfolio strategy, capture valuation opportunities, and to exploit market inefficiencies. The primary risks managed by using these derivative financial instruments include interest rate, foreign exchange rate, and market price risks. See Note 2 for additional information on the Pool's purpose for entering into derivatives and for discussion on the risks associated with investing in these derivatives.

The Pool, through its investment managers, is a party to International Swap and Derivative Association, Inc. (ISDA) Master Agreements (MA) that may allow the netting of counterparty's obligations against those of the Pool in the event of a default by the counterparty. The Pool is required to disclose the positions held at period-end that were entered into pursuant to agreements that allow for such netting.

The table below presents the fair value and the fiscal year to date net increase (decrease) in fair value of derivative financial instruments outstanding as of and for the period ended May 31, 2021:

		1.0	: Increase e) in Fair Value
Derivative Type	 Fair Value	of In	vestments
Forwards:			
Foreign currency forward contracts	\$ (1,912)	\$	(3,114)
Futures contracts:			
Fixed income futures long	3,368		(22,101)
Fixed income futures short	(3,216)		19,807
Options contracts:			
Fixed income options purchased	713		(29,455)
Fixed income options written	(592)		31,673
Credit default swaptions purchased	153		(1,092)
Credit default swaptions written	(156)		1,882
Interest rate swaptions purchased	261		1,988
Interest rate swaptions written	(63)		(276)
Swaps:			
Basis swaps	-		2
Credit default swaps protection buyer	(787)		(595)
Credit default swaps protection seller	794		3,138
Interest rate swaps	24,847		30,987
Total return swaps	419		387
Total	\$ 23,829	\$	33,231

(Amounts in thousands)

#### NOTE 3. DERIVATIVE FINANCIAL INSTRUMENTS (continued)

#### **Credit Risk**

For financial reporting purposes, the Pool does not offset derivative assets and derivative liabilities that are subject to netting arrangements in the Statement of Net Position. The following table presents the Pool's derivative assets net of amounts available for offset under a netting provision and net of related collateral received by the Pool as of May 31, 2021:

Derivative Type		Asset	rivative ts Subject a MA	Ava	rivatives ailable for Offset	Col	n-Cash lateral ceived	ollateral eived	_Net E	xposure
Foreign currency										
forwards		\$	50	\$	(50)	\$	-	\$ -	\$	-
Swaptions			414		(181)		-	-		233
Swaps			2,855		(2,844)		-	 -		11
	Total	\$	3,319	\$	(3,075)	\$	-	\$ -	\$	244

Foreign currency forward contracts, certain swaps, and swaptions are exposed to counterparty credit risk. The IMB reviews available ratings from Standard & Poor's, Moody's, and Fitch and reports the rating indicative of the greatest degree of risk.

The following table provides the credit ratings for the Pool's derivative investments that are subject to counterparty credit risk as of May 31, 2021:

Derivative Type	Counterparty Rating	Fair	Value
Foreign currency forward contracts	BBB	\$	229
Credit default swaptions purchased	А		153
Interest rate swaptions purchased	BBB		261
Credit default swaps protection seller	А		146

#### **Interest Rate Risk**

The following table provides the time to maturity for investment derivatives that are subject to interest rate risk as of May 31, 2021:

	Investment Maturities (in years)								
Derivative Type	Fa	ir Value	U	nder-1		1-5	6-10		10+
Futures contracts:									
Fixed income futures long	\$	3,368	\$	3,070	\$	298	\$ -	\$	-
Fixed income futures short		(3,216)		(3,216)		-	-		-
Options contracts:									
Fixed income options purchased		713		713		-	-		-
Fixed income options written		(592)		(592)		-	-		-
Interest rate swaptions purchased		261		261		-	-		-
Interest rate swaptions written		(63)		(63)		-	-		-
Swaps:									
Interest rate swaps		24,847		-		(277)	 3,812		21,312
Total	\$	25,318	\$	173	\$	21	\$ 3,812	\$	21,312

Interest rate swaps are highly sensitive to changes in interest rates. The following tables provide detailed information on derivative financial instruments that are highly sensitive to interest rate changes.

(Amounts in thousands)

## NOTE 3. DERIVATIVE FINANCIAL INSTRUMENTS (continued)

At May 31, 2021, the open positions in interest rate swaps denominated in U.S. dollars were as follows:

Maturity Date	Reference Rate	N	otional	Fa	ir Value
6/15/2022	Receive Fixed 0.19%, Pay Floating 3-Month Libor	\$	\$	75	
12/18/2025	Receive Fixed 1.10%, Pay Floating 3-Month Libor			(352)	
5/15/2027	Receive Floating 3-Month Libor, Pay Fixed 0.45%		28,768		1,060
11/15/2045	Receive Floating 3-Month Libor, Pay Fixed 0.80%		64,707		15,780
3/17/2050	Receive Floating 3-Month Libor, Pay Fixed 0.90%		2,067		529
2/15/2047	Receive Floating 3-Month Libor, Pay Fixed 1.20%	13,692			2,331
10/7/2050	Receive Floating 3-Month Libor, Pay Fixed 1.20%	3,807			723
2/15/2047	Receive Floating 3-Month Libor, Pay Fixed 1.23%	6,697			1,105
2/15/2028	Receive Floating 3-Month Libor, Pay Fixed 1.25%	50,466			(95)
2/15/2028	Receive Floating 3-Month Libor, Pay Fixed 1.35%		97,768		(818)
2/15/2047	Receive Floating 3-Month Libor, Pay Fixed 1.60%		3,010		259
2/15/2047	Receive Floating 3-Month Libor, Pay Fixed 2.00%		25,343		77
6/3/2051	Receive Floating 3-Month Libor, Pay Fixed 2.00%	588			2
6/7/2051	Receive Floating 3-Month Libor, Pay Fixed 2.05%	1,760			(14)
5/15/2027	Receive Floating Fed Funds, Pay Fixed 0.26%	37,177			1,424
7/20/2045	Receive Floating SOFR, Pay Fixed 0.56%	15,810			3,737
		\$	590,492	\$	25,823

At May 31, 2021, the open positions in interest rate swaps denominated in foreign currencies were as follows:

Maturity Date	Reference Rate	Notic	nal (USD)	Fai	ir Value
1/4/2027	Receive Fixed 7.02%, Pay Floating Brazil CDI	\$	6,598	\$	8
1/4/2027	Receive Fixed 7.04%, Pay Floating Brazil CDI		1,581		3
7/20/2029	Receive Fixed 7.44%, Pay Floating MXN TIIE		20,080		1,131
7/18/2029	Receive Fixed 7.45%, Pay Floating MXN TIIE		19,290		1,099
4/19/2047	Receive Floating 6-Month JPY Libor, Pay Fixed 0.79%	th JPY Libor, Pay Fixed 0.79% 42,990			(3,217)
		\$	90,539	\$	(976)

(Amounts in thousands)

#### NOTE 3. DERIVATIVE FINANCIAL INSTRUMENTS (continued)

#### **Foreign Currency Risk**

The Pool has foreign currency forward contracts, futures contracts, and swap contracts that are denominated in foreign currencies and exposed to foreign currency risks. The amounts at fair value (in U.S. dollars) of derivative investments in foreign currencies as of May 31, 2021, are as follows:

	Foreign				
	Currency				
	Forward	F	Futures	Swap	
Currency	Contracts	Co	ontracts	Contracts	 Total
Australian Dollar	\$ (	9) \$	113	\$ -	\$ 104
Brazil Real	(	6)	-	11	5
British Pound	(59	5)	(195)	-	(790)
Euro Currency Unit	(22	0)	(581)	(16)	(817)
Japanese Yen	(	1)	-	(3,217)	(3,218)
Mexican Peso	(27	6)	-	2,230	1,954
Russian Ruble	(80	5)	-		 (805)
Total foreign denominated derivatives	(1,91	2)	(663)	(992)	(3,567)
U.S. Dollar			815	26,265	 27,080
Total	\$ (1,91	2) \$	152	\$ 25,273	\$ 23,513

#### NOTE 4. FAIR VALUE MEASUREMENTS

GASB Statement No. 72 defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. Fair value of an investment is the amount 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 (i.e., the exit price).

GASB Statement No. 72 establishes a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical financial instruments (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB Statement No. 72 are:

- Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities at the reporting date.
- Level 2 Quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not considered active; observable inputs other than observable quoted prices for the asset or liability; or inputs derived principally from or corroborated by observable market data.
- Level 3 Unobservable pricing inputs for assets and liabilities.

In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, an investment's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment and considers factors specific to the investment.

(Amounts in thousands)

#### NOTE 4. FAIR VALUE MEASUREMENTS (continued)

U.S. GAAP does not require the Pool to categorize within the fair value hierarchy table investments for which fair value is measured using the net asset value per share (NAV) as a practical expedient. The table that follows sets forth information about the level within the fair value hierarchy at which the Pool's assets and liabilities are measured at May 31, 2021. The Pool's investments in commingled debt funds were valued using the net asset value per share, as such they have not been categorized in the fair value hierarchy.

Assets		Level 1	 Level 2	 Level 3		Total
Corporate ABS residual		\$ -	\$ 1,648	\$ -	\$	1,648
Corporate asset backed issues		-	88,424	-		88,424
Corporate CMO		-	68,072	-		68,072
Corporate CMO interest-only		-	18	-		18
Corporate preferred securities		10,773	-	-		10,773
Foreign asset backed issues		-	46,519	-		46,519
Foreign corporate bonds		-	279,942	-		279,942
Foreign currency forward contracts		-	229	-		229
Foreign equity investments		744	-	-		744
Foreign government bonds		-	334,246	-		334,246
Futures contracts		3,616	-	-		3,616
Money market mutual fund		206,110	-	-		206,110
Municipal bonds		-	28,482	-		28,482
Options contracts purchased		713	414	-		1,127
Securities lending collateral		42,399	-	-		42,399
Swaps		-	62,752	-		62,752
U.S. corporate bonds		-	396,077	-		396,077
U.S. Government agency CMO		-	63,733	-		63,733
U.S. Government agency CMO interest-on	ly	-	5,929	-		5,929
U.S. Government agency MBS		-	360,944	-		360,944
U.S. Government agency TBAs		-	65,334	-		65,334
U.S. Treasury bonds		-	579,112	-		579,112
To	otal 🗌	\$ 264,355	\$ 2,381,875	\$ -	\$	2,646,230
Commingled debt funds	-				=	414,149
Te	otal				\$	3,060,379
						<u> </u>
Liabilities		Level 1	 Level 2	 Level 3		Total
Foreign currency forward contracts		\$ -	\$ (2,141)	\$ -	\$	(2,141)
Futures contracts		(3,464)	-	-		(3,464)
Options contracts written		(592)	(219)	-		(811)
Securities sold short		-	(2,584)	-		(2,584)
Swaps	_	-	 (37,479)	 -		(37,479)
То	otal _	\$ (4,056)	\$ (42,423)	\$ -	\$	(46,479)

The Pool's investments in commingled debt funds were measured at the NAV as of May 31, 2021. These commingled debt funds invest in certain niche sectors, particularly those that are not a significant percentage to the Pool, to provide economies of scale and efficiencies in establishing and managing a diversified portfolio that would be otherwise difficult to achieve. These funds offer daily liquidity.

(Amounts in thousands)

#### NOTE 5. SECURITIES LENDING

The following table presents the amounts of various accounts related to securities lending at May 31, 2021:

	Fa	air Value
Securities on loan	\$	401,371
Collateral received:		
Cash	\$	42,399
Non-cash		368,975
Total collateral received	\$	411,374

NT, as agent for the IMB, loans the IMB's securities to various counterparties. These transactions are executed under the SLAA which permits NT under certain circumstances, such as defaults, to offset amounts payable to the same counterparty against amounts to be received and thus create one single net payment due to or from the counterparty. The amounts listed in the above table represent all securities loaned which are subject to the SLAA on a net payment basis. The IMB has elected not to offset the fair value of the securities on loan against the liability for the return of the collateral on the Statement of Net Position.

#### NOTE 6. SCHEDULE OF PARTICIPATION

The following schedule provides the value of participants' accounts in the Pool at May 31, 2021:

Participant	Acc	ount Value
Teachers' Retirement System	\$	928,052
Public Employees' Retirement System		837,469
Workers' Compensation Old Fund		300,020
Revenue Shortfall Reserve Fund - Part B		209,364
West Virginia Retiree Health Benefit Trust Fund		156,342
State Police Death, Disability and Retirement Fund		78,336
Public Employees Insurance Agency		74,204
West Virginia Department of Environmental Protection Agency		66,214
Coal Workers' Pneumoconios is Fund		60,100
Revenue Shortfall Reserve Fund		57,975
Board of Risk and Insurance Management		46,650
Deputy Sheriff's Retirement System		29,968
State Police Retirement System		28,656
Judges' Retirement System		26,713
Workers' Compensation Self-Insured Employer Security Risk Pool		13,567
Emergency Medical Services Retirement System		11,312
Workers' Compensation Self-Insured Employer Guaranty Risk Pool		9,535
Wildlife Endowment Fund		7,478
Workers' Compensation Uninsured Employers' Fund		3,467
Natural Resources Police Officer Retirement System		2,329
Municipal Police Officers' and Firefighters' Retirement System		2,175
Municipal Policemen's or Firemen's Pension and Relief Funds		1,342
West Virginia Department of Environmental Protection Trust		1,203
Berkeley County Development Authority		809
Total	\$	2,953,280

# **Financial Statements - Unaudited**

May 31, 2021

# Financial Statements - Unaudited May 31, 2021

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# Statement of Net Position - Unaudited

May 31, 2021

(Amounts in thousands, except unit data)

#### Assets

Investments, at fair value:			
Fixed income investments		\$	1,199,174
Equity investments			1,209
Money market mutual fund			95,926
Securities lending collateral			32,043
Receivables:			
Interest, dividends, and other investment income			5,104
Investments sold			37,206
	Total assets		1,370,662
Liabilities			
Accrued expenses			353
Payable for investments purchased			72,144
Payable upon return of securities loaned			32,043
	Total liabilities		104,540
	Net position	\$	1,266,122
Unit data			
Units outstanding			99,184,637
Net position, unit price		\$	12.77
ree position, unit price		Ψ	12.77

See accompanying notes to financial statements.

## Statement of Change in Net Position - Unaudited

Period Ended May 31, 2021\*

(Amounts in thousands)

	Month	Year To Date		
Investment income (loss)				
Net increase (decrease) in fair value of investments Interest, dividends, and other investment income Securities lending income	\$ 2,092 2,517 15	\$ (23,295) 27,580 132		
Total investment income	4,624	4,417		
Expenses				
Investment advisor fees Custodian bank fees Management and other allocated fees Securities lending expenses	(148) (3) (26) (2)	(1,415) (35) (290) (17)		
Total expenses	(179)	(1,757)		
Net investment income	4,445	2,660		
Unit transactions				
Proceeds from sale of units Amount paid for repurchase of units	29,953	356,214 (19,001)		
Net increase from unit transactions	29,953	337,213		
Increase in net position	34,398	339,873		
Net position, beginning of period	1,231,724	926,249		
Net position, end of period	\$ 1,266,122	\$ 1,266,122		

\*The WVIMB operates on a fiscal year beginning on July 1. The "year to date" information is for the period July 1 through the month listed. See accompanying notes to financial statements.

(Amounts in thousands)

#### NOTE 1. DESCRIPTION OF THE ENTITY

The West Virginia Investment Management Board (IMB) was organized on April 25, 1997, as a public body corporate created by *West Virginia Code §12-6-1* to provide prudent fiscal administration and investment management services to designated state pension funds, the state's Workers' Compensation and Coal Workers' Pneumoconiosis funds, and certain other state government funds.

A Board of Trustees, consisting of thirteen members, governs the IMB. The Governor, the State Auditor, and the State Treasurer are ex officio members of the Board of Trustees. The Governor appoints all other Trustees for a term of six years.

The IMB operates on a fiscal year beginning July 1 and ending June 30.

The accompanying financial statements reflect only the investments and investment related operations of the IMB's Core Fixed Income Pool (Pool). They do not reflect activity of the other investment pools under the control of the IMB or the Administrative Fund of the IMB, or any other assets or liabilities, or restrictions thereon, or the various investment pool participants. Accordingly, these financial statements are not intended to and do not present the comprehensive financial position and operations of the IMB or any of the investment pool participants.

The IMB accounts for the Pool under U.S. Generally Accepted Accounting Principles (GAAP) for governments as prescribed by the Governmental Accounting Standards Board (GASB), using the economic resources measurement focus and the accrual basis of accounting.

The main objective of the Pool is to generate investment income, provide stability, and enhance diversification but not at the expense of total return. The Pool's investment objective is to outperform the Bloomberg Barclays U.S. Aggregate Bond Index over three- to five-year periods, net of external investment management fees. JP Morgan Investment Advisors, Inc. manages this Pool.

## NOTE 2. SIGNIFICANT ACCOUNTING POLICIES

**Investment Valuation** - The IMB reports its investments at fair value in accordance with GASB Statement No. 72. Refer to Note 3 for further discussion and presentation of the reporting requirements under GASB Statement No. 72.

Fair value of the Pool's portfolio securities is determined on the last business day of each month as follows:

- Fixed income securities are valued according to prices furnished by independent pricing services to the Pool's custodian. These services determine the security prices by a number of methods including, but not limited to, dealer quotes, live market trading levels when available, live feeds of trade execution data, spreads over U.S. Treasury securities, and other models and formulae appropriate to the specific security type.
- Open-end regulated investment companies or other commingled investment funds are valued at the net asset value of the fund as reported by the fund's administrator.
- Equity securities are valued at the last sale price or official closing price reported in the market in which they are primarily traded.

Investments for which the fair value cannot be determined by one of the above listed processes are valued at fair value as determined in accordance with the IMB's established procedures.

(Amounts in thousands)

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)

**Securities Lending -** The IMB, through its lending agent, Northern Trust (NT), loans securities of the Pool to various brokers on a temporary basis. Each transaction for international and domestic securities is secured by collateral based on the market value of the securities loaned. The required collateral percentage varies based on the type of collateral received and the type of security loaned. For U.S. securities and foreign securities denominated in U.S. Dollars, the required percentage of cash collateral and non-cash collateral consisting of debt obligations and securities issued by the United States Government or its agencies or instrumentalities is at least 102 percent of the market value of the securities loaned plus accrued income.

Cash collateral received is invested in the West Virginia Custom Account (Cash Collateral Account). The Cash Collateral Account's investment objective is to maximize current income to the extent consistent with the preservation of capital and maintenance of liquidity. The Cash Collateral Account seeks to maintain a constant net asset value of \$1.00 per share by following strict credit quality, maturity, liquidity, and diversification requirements. Except for underlying repurchase agreement transactions, the Pool is liable for investment losses in the Cash Collateral Account. The lending agent contractually indemnifies the IMB for any repurchase agreement investment losses.

Investments made with cash are reported at fair value on the Statement of Net Position. Securities loaned remain on the Statement of Net Position. The IMB has the right under the lending agreement to recover the securities from the borrower on demand. The IMB receives compensation in the form of loan premium fees and income from the investment of the cash collateral. Expenses related to the lending of securities are rebates paid by the lending agent to brokers and the lending agent's fees for its services. Securities lending income and expenses are recorded in the Statement of Changes in Net Position. The IMB also continues to receive interest or dividends on the securities loaned. Gains or losses in the fair value of the securities loaned that may occur during the term of the loans are reflected in the Statement of Changes in Net Position as a net increase (decrease) in fair value of investments.

Asset-Backed Securities - The Pool invests in various asset-backed securities, mortgage-backed securities, and structured corporate debt. The Pool invests 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. Interest income is recognized on the accrual basis. Dividend income is recognized on the ex-dividend date.

**Use of Estimates** - The preparation of the financial statements in conformity with GAAP 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.

**Unit Valuation and Participant Transactions** - The unit price of the Pool is calculated on the last business day of the month by dividing the net position of the Pool by the number of outstanding units. Participant accounts undergo a monthly rebalancing process to maintain their defined asset allocation. Participant transactions that occur as part of the rebalancing process are executed as a purchase or redemption on the first business day of each month using the prior month end unit price.

Distributions to Participants - The Pool does not routinely distribute dividends of net investment income.

**Expenses** - The IMB's Trustees adopt an annual budget and fee schedule for services to be provided to all of the investment pools under its management. Each investment pool is charged for its direct investment-related cost and for its allocated share of other expenses. These other expenses are allocated to the individual pools based on asset size. The IMB pays all expenses on behalf of the Pool.

**Income Taxes** - The IMB is a public corporation organized under laws of the State of West Virginia and exempt from U.S. federal and state taxation. Accordingly, no provision for income taxes is required as of May 31, 2021.

(Amounts in thousands)

#### NOTE 3. FAIR VALUE MEASUREMENTS

GASB Statement No. 72 defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. Fair value of an investment is the amount 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 (i.e., the exit price).

GASB Statement No. 72 establishes a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical financial instruments (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB Statement No. 72 are:

- Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities at the reporting date.
- Level 2 Quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not considered active; observable inputs other than observable quoted prices for the asset or liability; or inputs derived principally from or corroborated by observable market data.
- Level 3 Unobservable pricing inputs for assets and liabilities.

In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, an investment's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment, and considers factors specific to the investment.

The table below summarizes the valuation of the investment securities in accordance with GASB Statement No. 72 fair value hierarchy levels as of May 31, 2021:

Assets		Ι	Level 1	 Level 2	 Level 3		Total
Corporate asset backed issues		\$	-	\$ 123,373	\$ -	 \$	123,373
Corporate CMO			-	89,012	-		89,012
Corporate CMO interest-only			-	199	-		199
Corporate CMO principal-only			-	57	-		57
Corporate preferred securities			1,209	-	-		1,209
Foreign asset backed issues			-	3,523	-		3,523
Foreign corporate bonds			-	110,478	-		110,478
Foreign government bonds			-	6,528	-		6,528
Money market mutual fund			95,926	-	-		95,926
Municipal bonds			-	11,773	-		11,773
Securities lending collateral			32,043	-	-		32,043
U.S. corporate bonds			-	286,453	-		286,453
U.S. Government agency CMO			-	90,434	-		90,434
U.S. Government agency CMO interest-only			-	3,468	-		3,468
U.S. Government agency CMO principal-only			-	3,282	-		3,282
U.S. Government agency MBS			-	175,812	-		175,812
U.S. Government agency TBAs			-	32,214	-		32,214
U.S. Treasury bonds			-	262,089	-		262,089
U.S. Treasury inflation protected securities				 479	 -		479
	Total	\$	129,178	\$ 1,199,174	\$ 	 \$	1,328,352

(Amounts in thousands)

#### NOTE 4. SECURITIES LENDING

The following table presents the amounts of various accounts related to securities lending at May 31, 2021:

	Fa	air Value
Securities on loan	\$	168,583
Collateral received:		
Cash	\$	32,043
Non-cash		141,005
Total collateral received	\$	173,048

NT, as agent for the IMB, loans the IMB's securities to various counterparties. These transactions are executed under the SLAA which permits NT under certain circumstances, such as defaults, to offset amounts payable to the same counterparty against amounts to be received and thus create one single net payment due to or from the counterparty. The amounts listed in the above table represent all securities loaned which are subject to the SLAA on a net payment basis. The IMB has elected not to offset the fair value of the securities on loan against the liability for the return of the collateral on the Statement of Net Position.

#### NOTE 5. SCHEDULE OF PARTICIPATION

The following schedule provides the value of participants' accounts in the Pool at May 31, 2021:

Participant	Account Value
Teachers' Retirement System	\$ 398,609
Public Employees' Retirement System	359,572
Workers' Compensation Old Fund	128,056
Revenue Shortfall Reserve Fund - Part B	89,482
West Virginia Retiree Health Benefit Trust Fund	66,997
State Police Death, Disability and Retirement Fund	33,567
Public Employees Insurance Agency	31,768
West Virginia Department of Environmental Protection Agency	28,329
Coal Workers' Pneumoconiosis Fund	25,687
Revenue Shortfall Reserve Fund	24,759
Board of Risk and Insurance Management	19,965
Deputy Sheriff's Retirement System	12,837
State Police Retirement System	12,272
Judges' Retirement System	11,443
Workers' Compensation Self-Insured Employer Security Risk Pool	5,797
Emergency Medical Services Retirement System	4,845
Workers' Compensation Self-Insured Employer Guaranty Risk Pool	4,078
Wildlife Endowment Fund	3,202
Workers' Compensation Uninsured Employers' Fund	1,483
Natural Resources Police Officer Retirement System	1,004
Municipal Police Officers' and Firefighters' Retirement System	933
Municipal Policemen's or Firemen's Pension and Relief Funds	575
West Virginia Department of Environmental Protection Trust	516
Berkeley County Development Authority	346
Total	\$ 1,266,122

# **Financial Statements - Unaudited**

May 31, 2021

# Financial Statements - Unaudited May 31, 2021

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# Statement of Net Position - Unaudited

May 31, 2021

(Amounts in thousands, except unit data)

Assets
--------

Investment in commingled bond fund at fair value		\$ 476,074
Liabilities		
Accrued expenses		29
Payable for investments purchased		 67,475
	Total liabilities	 67,504
	Net position	\$ 408,570
Unit data		
Units outstanding		29,726,192
Net position, unit price		\$ 13.74

See accompanying notes to financial statements.

## Statement of Changes in Net Position - Unaudited

Period Ended May 31, 2021\*

(Amounts in thousands)

	Month		Year To Date	
Investment income				
Net increase in fair value of investments	\$	5,030	\$	20,554
Expenses				
Investment advisor fees		(6)		(57)
Custodian bank fees		-		(1)
Management and other allocated fees		(9)		(95)
Total expenses		(15)		(153)
Net investment income		5,015		20,401
Unit transactions				
Proceeds from sale of units		4,112		104,460
Amount paid for repurchase of units		(87)		(6,925)
Net increase from unit transactions		4,025		97,535
Increase in net position		9,040		117,936
Net position, beginning of period		399,530		290,634
Net position, end of period	\$	408,570	\$	408,570

\*The WVIMB operates on a fiscal year beginning on July 1. The "year to date" information is for the period July 1 through the month listed. See accompanying notes to financial statements.

#### **Notes to Financial Statements**

(Amounts in thousands)

#### NOTE 1. DESCRIPTION OF THE ENTITY

The West Virginia Investment Management Board (IMB) was organized on April 25, 1997, as a public body corporate created by West Virginia Code §12-6-1 to provide prudent fiscal administration and investment management services to designated state pension funds, the state's Workers' Compensation and Coal Workers' Pneumoconiosis funds, and certain other state government funds.

A Board of Trustees, consisting of thirteen members, governs the IMB. The Governor, the State Auditor, and the State Treasurer are ex officio members of the Board of Trustees. The Governor appoints all other Trustees for a term of six years.

The IMB operates on a fiscal year beginning July 1 and ending June 30.

The accompanying financial statements reflect only the investments and investment related operations of the IMB's TIPS Pool (Pool). They do not reflect activity of the other investment pools under the control of the IMB or the Administrative Fund of the IMB, or any other assets or liabilities, or restrictions thereon, or the various investment pool participants. Accordingly, these financial statements are not intended to and do not present the comprehensive financial position and operations of the IMB or any of the investment pool participants.

The IMB accounts for the Pool under U.S. Generally Accepted Accounting Principles (GAAP) for governments as prescribed by the Governmental Accounting Standards Board (GASB), using the economic resources measurement focus and the accrual basis of accounting.

The Pool was established to offer an additional level of diversification over and above nominal fixed income securities in an attempt to mitigate the risk of inflation. The main objective for the Pool is to generate a return that exceeds the rate of inflation over a market cycle, to provide investment income and stability of principal, and to diversify interest rate exposure. The Pool's performance is measured against the Bloomberg Barclays U.S. Treasury Inflation Protection Index on an annualized basis over rolling three- to five-year periods, gross of fees. The Pool invests in the BlackRock U.S. Treasury Inflation Protected Securities Fund B (BlackRock). BlackRock invests primarily in a portfolio of debt securities with the objective of closely approximating the total rate of return for all outstanding U.S. Treasury Inflation Protected Securities with a maturity of one year or greater.

#### **NOTE 2. SIGNIFICANT ACCOUNTING POLICIES**

Investment Valuation - The IMB reports its investments at fair value in accordance with GASB Statement No. 72. Refer to Note 3 for further discussion and presentation of the reporting requirements under GASB Statement No. 72.

Open-end regulated investment companies or other commingled investment funds are valued at the net asset value of the fund as reported by the fund's administrator. Investments for which the fair value cannot be determined are valued at fair value as determined in accordance with the IMB's established procedures.

Investment Transactions - Investment transactions are accounted for on a trade date basis. Interest income is recognized on the accrual basis. Dividend income is recognized on the ex-dividend date.

Use of Estimates - The preparation of the financial statements in conformity with GAAP 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.

Unit Valuation and Participant Transactions - The unit price of the Pool is calculated on the last business day of the month by dividing the net position of the Pool by the number of outstanding units. Participant accounts undergo a monthly rebalancing process to maintain their defined asset allocation. Participant transactions that occur as part of the rebalancing process are executed as a purchase or redemption on the first business day of each month using the prior month end unit price.

Distributions to Participants - The Pool does not routinely distribute dividends of net investment income.

(Amounts in thousands)

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)

**Expenses** - The IMB's Trustees adopt an annual budget and fee schedule for services to be provided to all of the investment pools under its management. Each investment pool is charged for its direct investment-related cost and for its allocated share of other expenses. These other expenses are allocated to the individual pools based on asset size. The IMB pays all expenses on behalf of the Pool. In addition to these direct and allocated expenses, the Pool bears certain expenses indirectly, such as fees of other investment funds in which the Pool invests that are reflected in the reported net asset value of such funds.

**Income Taxes** - The IMB is a public corporation organized under laws of the State of West Virginia and exempt from U.S. federal and state taxation. Accordingly, no provision for income taxes is required as of May 31, 2021.

#### NOTE 3. FAIR VALUE MEASUREMENTS

GASB Statement No. 72 defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. Fair value of an investment is the amount 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 (i.e., the exit price).

GASB Statement No. 72 establishes a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical financial instruments (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB Statement No. 72 are:

Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities at the reporting date.

- Level 2 Quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not considered active; observable inputs other than observable quoted prices for the asset or liability; or inputs derived principally from or corroborated by observable market data.
- Level 3 Unobservable pricing inputs for assets and liabilities.

In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, an investment's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment and considers factors specific to the investment.

The table below summarizes the valuation of the investment securities in accordance with GASB Statement No. 72 fair value hierarchy levels as of May 31, 2021:

Assets	Level 1	Lev	vel 2	Lev	vel 3	 Total
Commingled bond fund	\$ 476,074	\$	-	\$	-	\$ 476,074

### Notes to Financial Statements

(Amounts in thousands)

# NOTE 4. SCHEDULE OF PARTICIPATION

The following schedule provides the value of participants' accounts in the Pool at May 31, 2021:

Participant	Acc	ount Value
Revenue Shortfall Reserve Fund - Part B	\$	122,575
Workers' Compensation Old Fund		107,827
Revenue Shortfall Reserve Fund		83,831
Public Employees Insurance Agency		40,100
Coal Workers' Pneumoconiosis Fund		24,491
Board of Risk and Insurance Management		18,754
Workers' Compensation Self-Insured Employer Security Risk Pool		5,518
Workers' Compensation Self-Insured Employer Guaranty Risk Pool		3,856
Workers' Compensation Uninsured Employers' Fund		1,618
Total	\$	408,570

# **Financial Statements - Unaudited**

May 31, 2021

# Financial Statements - Unaudited May 31, 2021

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## Statement of Net Position - Unaudited May 31, 2021

(Amounts in thousands, except unit data)

#### Assets

Investments, at fair value:		
Alternative investments		\$ 5,028,703
Equity investments		176,174
Fixed income investments		9,616
Money market mutual fund		211,016
Securities lending collateral		4,625
Receivable for interest, dividends, and other investment income		 427
	Total assets	5,430,561
Liabilities		
Accrued expenses		723
Payable upon return of securities loaned		 4,625
	Total liabilities	 5,348
	Net position	\$ 5,425,213
Unit data		
Units outstanding		219,966,556
Net position, unit price		\$ 24.66
-		

See accompanying notes to financial statements.

# Statement of Changes in Net Position - Unaudited

Period Ended May 31, 2021\*

(Amounts in thousands)

	Month		Year To Date	
Investment income				
Net increase in fair value of investments	\$	203,700	\$	782,667
Income from partnerships and funds		5,941		102,387
Interest, dividends, and other investment income		392		5,056
Fund closing interest		-		1,167
Securities lending income		4		56
Total investment income		210,037		891,333
Expenses				
Investment advisor fees		(10)		(859)
Custodian bank fees		(1)		(34)
Management and other allocated fees		(108)		(1,281)
Professional service fees - direct		(112)		(1,240)
Management fees - external		(190)		(5,533)
Fund closing costs		(45)		(1,359)
Securities lending expenses		-		(7)
Total expenses		(466)		(10,313)
Net investment income		209,571		881,020
Unit transactions				
Proceeds from sale of units		39		85,507
Amount paid for repurchase of units		(33,112)		(348,859)
Net decrease from unit transactions		(33,073)		(263,352)
Increase in net position		176,498		617,668
Net position, beginning of period		5,248,715		4,807,545
Net position, end of period	\$	5,425,213	\$	5,425,213

\*The WVIMB operates on a fiscal year beginning on July 1. The "year to date" information is for the period July 1 through the month listed. See accompanying notes to financial statements.

(Amounts in thousands)

#### NOTE 1. DESCRIPTION OF THE ENTITY

The West Virginia Investment Management Board (IMB) was organized on April 25, 1997, as a public body corporate created by *West Virginia Code §12-6-1* to provide prudent fiscal administration and investment management services to designated state pension funds, the state's Workers' Compensation and Coal Workers' Pneumoconiosis funds, and certain other state government funds.

A Board of Trustees, consisting of thirteen members, governs the IMB. The Governor, the State Auditor, and the State Treasurer are ex officio members of the Board of Trustees. The Governor appoints all other Trustees for a term of six years.

The IMB operates on a fiscal year beginning July 1 and ending June 30.

The accompanying financial statements reflect only the investments and investment related operations of the IMB's Private Markets Pool (Pool). They do not reflect activity of the other investment pools under the control of the IMB or the Administrative Fund of the IMB, or any other assets or liabilities, or restrictions thereon, or the various investment pool participants. Accordingly, these financial statements are not intended to and do not present the comprehensive financial position and operations of the IMB or any of the investment pool participants.

The IMB accounts for the Pool under U.S. Generally Accepted Accounting Principles (GAAP) for governments as prescribed by the Governmental Accounting Standards Board (GASB), using the economic resources measurement focus and the accrual basis of accounting.

The objective of the Pool is to enhance the diversification and stability of the portfolio, while generating a higher level of income than generally available in the public fixed income markets and to provide for long-term growth of participants' assets and risk-reduction through diversification. The Pool primarily holds the IMB's investments in private credit & income funds, private equity funds, real estate investment trusts (REITs), and real estate limited partnerships and funds. The selection of investments in the Pool are approved by the Board of Trustees or by its established committees.

## NOTE 2. SIGNIFICANT ACCOUNTING POLICIES

**Investment Valuation** - The IMB reports its investments at fair value in accordance with GASB Statement No. 72. Refer to Note 3 for further discussion and presentation of the reporting requirements under GASB Statement No. 72.

Fair value of the Pool's portfolio securities is determined on the last business day of each month as follows:

- Investments in private equity partnerships, real estate limited partnerships and funds, private credit & income funds, and other private funds are not securities for which market quotations are readily available. The IMB has concluded that the net asset value reported by the general partners or fund administrators approximates the fair value of these investments and consequently these investments are carried at net asset value as a practical expedient for fair market value. Due to the nature of the investments held by the funds, changes in market conditions and the economic environment may significantly impact the net asset value of the funds and, consequently, the fair value of the IMB's interests in the funds. Although a secondary market exists for these investments, it is not active and individual transactions are typically not observable. When transactions do occur in this limited secondary market, they may occur at discounts to the reported net asset value. It is therefore reasonably possible that if the IMB were to sell these investments in the secondary market a buyer may require a discount to the reported net asset value, and the discount could be significant. The IMB believes that the net asset value of such investments is a reasonable estimate of fair value as of May 31, 2021.
- Equity securities are valued at the last sale price or official closing price reported in the market in which they are primarily traded.
- Equity securities that trade in non-U.S. markets are valued in U.S. Dollars using period end spot market exchange rates as supplied by the Pool's custodian.

(Amounts in thousands)

#### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)

- Fixed income securities are valued according to prices furnished by independent pricing services to the Pool's custodian. These services determine the security prices by a number of methods including, but not limited to, dealer quotes, live market trading levels when available, live feeds of trade execution data, spreads over U.S. Treasury securities, and other models and formulae appropriate to the specific security type.
- Open-end regulated investment companies, and other commingled investment funds are valued at the net asset value of the fund as reported by the fund's administrator.

Investments for which the fair value cannot be determined by one of the above listed processes are valued at fair value as determined in accordance with the IMB's established procedures.

**Securities Lending -** The IMB, through its lending agent, Northern Trust (NT), loans securities of the Pool to various brokers on a temporary basis. Each transaction for international and domestic securities is secured by collateral based on the market value of the securities loaned. The required collateral percentage varies based on the type of collateral received and the type of security loaned. For U.S. securities, the required percentage of cash collateral and non-cash collateral consisting of debt obligations and securities issued by the United States Government or its agencies or instrumentalities is at least 102 percent of the market value of the securities loaned plus accrued income, if applicable. For international securities, the required percentage is 105 percent unless the foreign securities loaned are denominated and payable in U.S. Dollars, then the collateral shall be at least 102 percent of the market value of the securities loaned. Loans of equity securities may also be collateralized by equity securities and the required percentage of non-cash collateral consisting of equity securities is at least 107 percent of the market value of the securities loaned.

Cash collateral received is invested in the West Virginia Custom Account (Cash Collateral Account). The Cash Collateral Account's investment objective is to maximize current income to the extent consistent with the preservation of capital and maintenance of liquidity. The Cash Collateral Account seeks to maintain a constant net asset value of \$1.00 per share by following strict credit quality, maturity, liquidity, and diversification requirements. Except for underlying repurchase agreement transactions, the Pool is liable for investment losses in the Cash Collateral Account. The lending agent contractually indemnifies the IMB for any repurchase agreement investment losses.

Investments made with cash are reported at fair value on the Statement of Net Position. Securities loaned remain on the Statement of Net Position. The IMB has the right under the lending agreement to recover the securities from the borrower on demand. The IMB receives compensation in the form of loan premium fees and income from the investment of the cash collateral. Expenses related to the lending of securities are rebates paid by the lending agent to brokers and the lending agent's fees for its services. Securities lending income and expenses are recorded in the Statement of Changes in Net Position. The IMB also continues to receive interest or dividends on the securities loaned. Gains or losses in the fair value of the securities loaned that may occur during the term of the loans are reflected in the Statement of Changes in Net Position as a net increase (decrease) in fair value of investments.

**Foreign Currency** - Amounts denominated in or expected to settle in foreign currencies are translated into U.S. dollars at exchange rates reported by the Pool's custodian on the following basis:

- Market value of investment securities, other assets and liabilities at the closing rate of exchange at the valuation date.
- Purchases and sales of investment securities, income and expenses at the rate of exchange prevailing on the respective dates of such transactions.

**Foreign Currency Spot Contracts** - A foreign currency contract is an agreement between two parties to exchange different currencies at a specified exchange rate at an agreed upon future date. These contracts, when entered into, correspond to investment transactions trading in foreign currencies. Risks associated with such contracts include movement in the value of the foreign currency relative to the U.S. dollar and the ability of the counterparty to perform. These contracts have relatively short durations and are valued at the prevailing market exchange rates at month end.

(Amounts in thousands)

#### **NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)**

Investment Transactions - Investment transactions are accounted for on a trade date basis. Interest income is recognized on the accrual basis. Dividend income is recognized on the ex-dividend date.

Use of Estimates - The preparation of the financial statements in conformity with GAAP 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.

Income from Partnerships - Income from private equity partnerships, real estate partnerships, private credit & income funds, and other private funds are recognized when distributed to the partners.

Unit Valuation and Participant Transactions - The unit price of the Pool is calculated on the last business day of the month by dividing the net position of the Pool by the number of outstanding units. Participant accounts undergo a monthly rebalancing process to maintain their defined asset allocation. Participant transactions that occur as part of the rebalancing process are executed as a purchase or redemption on the first business day of each month using the prior month end unit price.

Distributions to Participants - The Pool does not routinely distribute dividends of net investment income.

Expenses - The IMB's Trustees adopt an annual budget and fee schedule for services to be provided to all of the investment pools under its management. Each investment pool is charged for its direct investment-related cost and for its allocated share of other expenses. Direct investment-related costs include fees charged by external managers that are outside of their respective partnership or fund, the custodian bank, legal counsel, and the consultant. Other expenses are allocated to the individual pools based on asset size.

The IMB pays all expenses on behalf of the Pool. In addition to these direct and allocated expenses, the Pool bears certain expenses indirectly, such as fees of other investment funds in which the Pool invests that are reflected in the reported net asset value of such funds.

Income Taxes - The IMB is a public corporation organized under laws of the State of West Virginia and exempt from U.S. federal and state taxation. Accordingly, no provision for U.S. federal and state income taxes is required as of May 31, 2021.

In certain foreign countries the Pool's dividend income and capital gains may be taxable. Such taxes are generally withheld from the payments of these types of income and as a result there is no provision recorded for these taxes. In certain cases there may be a full or partial reclaim available for the withheld taxes. The outstanding reclaims are reported on the Statement of Net Position. Dividend income is reported net of non-reclaimable taxes withheld on the Statement of Changes in Net Position.

#### **NOTE 3. FAIR VALUE MEASUREMENTS**

GASB Statement No. 72 defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. Fair value of an investment is the amount 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 (i.e., the exit price).

GASB Statement No. 72 established a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical financial instruments (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB Statement No. 72 are:

Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities at the reporting date.

Level 2 Quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not considered active; observable inputs other than observable quoted prices for the asset or liability; or inputs derived principally from or corroborated by observable market data.

(Amounts in thousands)

## NOTE 3. FAIR VALUE MEASUREMENTS (continued)

Level 3 Unobservable pricing inputs for assets and liabilities with redemption terms that are not short term.

In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, an investment's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment, and considers factors specific to the investment.

U.S. GAAP does not require the Pool to categorize within the fair value hierarchy table investments for which fair value is measured using the net asset value per share (NAV) as a practical expedient. The table that follows sets forth information about the level within the fair value hierarchy at which the Pool's assets and liabilities are measured at May 31, 2021. All of the Pool's investments in private credit & income funds, private equity partnerships, real estate limited partnerships and funds, and other private funds were valued using the NAV. As such, they have not been categorized in the fair value hierarchy table.

Assets		Level 1	 Level 2	Lev	el 3	 Total
Foreign common stock	\$	47,928	\$ -	\$	-	\$ 47,928
Money market mutual fund		211,016	-		-	211,016
Securities lending collateral		4,625	-		-	4,625
U.S. common stock		114,376	-		-	114,376
U.S. corporate bonds		-	9,616		-	9,616
U.S. preferred stock		13,870	 -			 13,870
Tot	al \$	391,815	\$ 9,616	\$	-	\$ 401,431
Private credit & income funds						668,424
Private equity partnerships						2,458,601
Real estate limited partnerships and fun	ds					 1,901,678
Tot	al					\$ 5,430,134

The following table presents information on investments measured at the NAV as of May 31, 2021:

Strategies	F	air Value	-	nfunded nmitments	Contractual Termination Date Range (a)	Redemption Frequency	Redemption Notice Period
Private credit & income funds:	-	un vulue			Dute Runge (u)	<u>i lequency</u>	Tenloa
Middle Market Loan Funds (b)	\$	291,125	\$	188,449	2026	N/A	N/A
Real Estate Income Funds (c)		377,299		117,930	2022 to 2031	Quarterly	45 days
Private equity partnerships:		,		,			2
Corporate Finance - Buyout (d)		1,557,695		696,359	2021 to 2035	N/A	N/A
Corporate Finance - Distressed Debt (e)		58,035		16,249	2021 to 2022	N/A	N/A
Corporate Finance - Growth Equity (f)		114,708		90,869	2021 to 2030	N/A	N/A
Corporate Finance - Hard Assets (g)		109,203		39,684	2021 to 2028	N/A	N/A
Corporate Finance - Mezzanine (h)		76,865		38,802	2021 to 2028	N/A	N/A
Corporate Finance - Turnaround (i)		95,118		86,131	2021 to 2032	N/A	N/A
Venture Capital (j)		446,977		88,822	2023 to 2034	N/A	N/A
Real estate limited partnerships and funds							
Core Funds (k)		1,020,341		49,784	2022	Quarterly	30-60 days
Opportunistic Funds (l)		307,308		163,855	2021 to 2029	N/A	N/A
Value Funds (m)		574,029		492,771	2021 to 2031	N/A	N/A
Total	\$	5,028,703	\$	2,069,705			

(Amounts in thousands)

## NOTE 3. FAIR VALUE MEASUREMENTS (continued)

- (a) Investments without standard redemption frequencies cannot be redeemed until termination of the partnership.
- (b) Middle Market Loan Funds seek to generate current income while preserving capital primarily through investments in senior secured loans to middle market companies domiciled in North America.
- (c) Real Estate Income Funds invest in U.S. commercial real estate mortgage and debt investments.
- (d) Corporate Finance Buyout funds acquire controlling or influential interests in companies.
- (e) Corporate Finance Distressed Debt funds acquire the debt of companies experiencing operational or financial distress usually converting the debt to equity and exercising control of the business.
- (f) Corporate Finance Growth Equity funds invest in companies to expand or restructure operations, enter new markets, or finance an acquisition.
- (g) Corporate Finance Hard Assets funds acquire controlling or influential interests in companies operating in natural resources or infrastructure.
- (h) Corporate Finance Mezzanine funds acquire or issue subordinated debentures frequently in businesses controlled by the General Partner, but in another fund.
- (i) Corporate Finance Turnaround funds acquire the debt and or equity of companies experiencing operational or financial distress in order to radically reorganize and improve the business.
- (j) Venture Capital funds make investments in early stage through late stage companies, frequently start-ups in technology or healthcare.
- (k) Core Funds are more conservative real estate investments that use a very modest level of financing to acquire and hold high-quality, stable properties typically located in major markets. These assets tend to have high occupancy rates, higher credit tenants, and staggered lease terms, with a number of long-term leases expiring in five-to-ten years.
- (1) Opportunistic Funds have higher risk/return profiles and have broad strategies to achieve these types of returns. Common strategies are properties that need significant rehabilitation or a total redevelopment to transition to a different type of property (for example, converting an office building to condominiums). It may also include new development, distressed debt strategies, and more complex transactions, as well as a more traditional value-add strategy that is financed with a higher amount of leverage.
- (m) Value Funds typically use more leverage than core funds and target higher return opportunities by acquiring properties that the manager believes they can add value through capital renovations to the physical facility or enhanced leasing and management activities. Most of these properties have in-place cash flow, which is expected to increase as the business plans are implemented. This could include making physical improvements to the asset that will allow it to command higher rents, increasing efforts to lease vacant space at the property to quality tenants, or improving the management of the property and thereby increasing customer satisfaction or lowering operating expenses where possible.

## NOTE 4. SECURITIES LENDING

The following table presents the amounts of various accounts related to securities lending at May 31, 2021:

	Fa	ir Value
Securities on loan	\$	20,613
Collateral received:		
Cash	\$	4,625
Non-cash		16,853
Total collateral received	\$	21,478

NT, as agent for the IMB, loans the IMB's securities to various counterparties. These transactions are executed under the SLAA which permits NT under certain circumstances, such as defaults, to offset amounts payable to the same counterparty against amounts to be received and thus create one single net payment due to or from the counterparty. The amounts listed in the above table represent all securities loaned which are subject to the SLAA on a net payment basis. The IMB has elected not to offset the fair value of the securities on loan against the liability for the return of the collateral on the Statement of Net Position.

(Amounts in thousands)

## NOTE 5. SCHEDULE OF PARTICIPATION

The following schedule provides the value of participants' accounts in the Pool at May 31, 2021:

Participant	Aco	count Value
Teachers' Retirement System	\$	2,402,956
Public Employees' Retirement System		2,148,885
West Virginia Retiree Health Benefit Trust Fund		388,407
State Police Death, Disability and Retirement Fund		205,676
Deputy Sheriff's Retirement System		76,159
State Police Retirement System		72,111
Judges' Retirement System		68,117
Emergency Medical Services Retirement System		28,669
Wildlife Endowment Fund		18,980
Natural Resources Police Officer Retirement System		5,954
Municipal Police Officers' and Firefighters' Retirement System		5,445
Berkeley County Development Authority		2,038
Municipal Policemen's or Firemen's Pension and Relief Funds		1,816
Total	\$	5,425,213

# **Financial Statements - Unaudited**

May 31, 2021

## Financial Statements - Unaudited May 31, 2021

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## Statement of Net Position - Unaudited

May 31, 2021

(Amounts in thousands, except unit data)

#### Assets

Investments, at fair value:		
Hedge funds		\$ 2,329,154
Money market mutual fund		55,383
Receivables:		
Investment funds redeemed		2,358
Interest and dividends	_	138
	Total assets	2,387,033
Liabilities		
Accrued expenses	-	183
	Net position	\$ 2,386,850
	=	
Unit data		
Units outstanding		131,495,680
Net position, unit price		\$ 18.15
1 / 1	=	

See accompanying notes to financial statements.

## Hedge Fund Pool

## Statement of Changes in Net Position - Unaudited

Period Ended May 31, 2021\*

(Amounts in thousands)

	Month	Ye	ar To Date
Investment income (loss)			
Net increase in fair value of investments Interest, dividends, and other investment income	\$ 22,365	\$	376,382 (6)
Total investment income	22,365		376,376
Expenses			
Professional service fees - direct Custodian bank fees	(51)		(384) (1)
Management and other allocated fees	 (49)		(569)
Total expenses	 (100)		(954)
Net investment income	22,265		375,422
Unit transactions			
Proceeds from sale of units	-		80,288
Amount paid for repurchase of units	 (844)		(102,948)
Net decrease from unit transactions	 (844)		(22,660)
Increase in net position	21,421		352,762
Net position, beginning of period	 2,365,429		2,034,088
Net position, end of period	\$ 2,386,850	\$	2,386,850

\*The WVIMB operates on a fiscal year beginning on July 1. The "year to date" information is for the period July 1 through the month listed. See accompanying notes to financial statements.

(Amounts in thousands)

#### NOTE 1. DESCRIPTION OF THE ENTITY

The West Virginia Investment Management Board (IMB) was organized on April 25, 1997, as a public body corporate created by *West Virginia Code §12-6-1* to provide prudent fiscal administration and investment management services to designated state pension funds, the state's Workers' Compensation and Coal Workers' Pneumoconiosis funds, and certain other state government funds.

A Board of Trustees, consisting of thirteen members, governs the IMB. The Governor, the State Auditor, and the State Treasurer are ex officio members of the Board of Trustees. The Governor appoints all other Trustees for a term of six years.

The IMB operates on a fiscal year beginning July 1 and ending June 30.

The accompanying financial statements reflect only the investments and investment related operations of the IMB's Hedge Fund Pool (Pool). They do not reflect activity of the other investment pools under the control of the IMB or the Administrative Fund of the IMB, or any other assets or liabilities, or restrictions thereon, or the various investment pool participants. Accordingly, these financial statements are not intended to and do not present the comprehensive financial position and operations of the IMB or any of the investment pool participants.

The IMB accounts for the Pool under U.S. Generally Accepted Accounting Principles (GAAP) for governments as prescribed by the Governmental Accounting Standards Board (GASB), using the economic resources measurement focus and the accrual basis of accounting.

The Pool was established to hold the IMB's investments in hedge funds. The objective of the Pool is to reduce risk through diversification of participants' assets. The primary performance benchmark is the Hedge Funds Research, Inc. Fund of Funds Composite Index plus 100 Basis points. The secondary benchmark is the FTSE 3 Month US T-Bill Index plus 500 basis points. Albourne America, LLC has been retained by the IMB to provide consulting services for this investment strategy.

## NOTE 2. SIGNIFICANT ACCOUNTING POLICIES

**Investment Valuation** - The IMB reports its investments at fair value in accordance with GASB Statement No. 72. Refer to Note 3 for further discussion and presentation of the reporting requirements under GASB Statement No. 72.

Fair value of the Pool's portfolio securities is determined on the last business day of each month as follows:

- Investments in hedge funds are not securities for which market quotations are readily available. The IMB has concluded that the net asset value reported by the underlying funds approximates the fair value of these investments and consequently these investments are carried at net asset value as a practical expedient for fair market value. These investments are redeemable with the fund at net asset value under the original terms of the agreements and operations of the underlying fund. However, it is possible that these redemption rights may be restricted or eliminated by the funds in the future in accordance with the underlying fund agreements. Due to the nature of the investments held by the funds, changes in market conditions and the economic environment may significantly impact the net asset value of the funds and, consequently, the fair value of the IMB's interests in the funds. Although a secondary market exists for these investments, it is not active and individual transactions are typically not observable. When transactions do occur in this limited secondary market, they may occur at discounts to the reported net asset value. It is therefore reasonably possible that if the IMB were to sell these investments in the secondary market a buyer may require a discount to the reported net asset value, and the discount could be significant. The IMB believes that the net asset value of such investments is a reasonable estimate of fair value as of May 31, 2021.
- Open-end regulated investment companies or other commingled investment funds are valued at the net asset value of the fund as reported by the fund's administrator.

(Amounts in thousands)

## **NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (continued)**

Investments for which the fair value cannot be determined by one of the above listed processes are valued at fair value as determined in accordance with the IMB's established procedures.

Investment Transactions - Investment transactions are accounted for on a trade date basis. Interest income is recognized on the accrual basis. Dividend income is recognized on the ex-dividend date.

Use of Estimates - The preparation of the financial statements in conformity with GAAP 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.

Unit Valuation and Participant Transactions - The unit price of the Pool is calculated on the last business day of the month by dividing the net position of the Pool by the number of outstanding units. Participant accounts undergo a monthly rebalancing process to maintain their defined asset allocation. Participant transactions that occur as part of the rebalancing process are executed as a purchase or redemption on the first business day of each month using the prior month end unit price.

Distributions to Participants - The Pool does not routinely distribute dividends of net investment income.

Expenses - The IMB's Trustees adopt an annual budget and fee schedule for services to be provided to all of the investment pools under its management. Each investment pool is charged for its direct investment-related cost and for its allocated share of other expenses. These other expenses are allocated to the individual pools based on asset size. The IMB pays all expenses on behalf of the Pool. In addition to these direct and allocated expenses, the Pool bears certain expenses indirectly, such as fees of other investment funds in which the Pool invests that are reflected in the reported net asset value of such funds.

Income Taxes - The IMB is a public corporation organized under laws of the State of West Virginia and exempt from U.S. federal and state taxation. Accordingly, no provision for income taxes is required as of May 31, 2021.

## **NOTE 3. FAIR VALUE MEASUREMENTS**

GASB Statement No. 72 defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. Fair value of an investment is the amount 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 (i.e., the exit price).

GASB Statement No. 72 established a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical financial instruments (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB Statement No. 72 are:

Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities at the reporting date.

Level 2 Quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not considered active; observable inputs other than observable quoted prices for the asset or liability; or inputs derived principally from or corroborated by observable market data.

Level 3 Unobservable pricing inputs for assets and liabilities with redemption terms that are not short term.

In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, an investment's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment and considers factors specific to the investment.

(Amounts in thousands)

#### NOTE 3. FAIR VALUE MEASUREMENTS (continued)

U.S. GAAP does not require the Pool to categorize within the fair value hierarchy table investments for which fair value is measured using the net asset value per share (NAV) as a practical expedient. The table that follows sets forth information about the level within the fair value hierarchy at which the Pool's assets and liabilities are measured at May 31, 2021. All of the Pool's investments in hedge funds were valued using the NAV. As such, they have not been categorized in the fair value hierarchy.

Assets	L	evel 1	Le	vel 2	Lev	el 3	 Total
Money market mutual fund	\$	55,383	\$	-	\$		\$ 55,383
Hedge funds							 2,329,154
Total							\$ 2,384,537

The following table presents information on investments measured at the NAV as of May 31, 2021:

				Redemption
Hedge Fund Strategies	F	air Value	Redemption Frequency	Notice Period
Directional (a)	\$	235,954	Monthly, Quarterly	5 to 30 days
Equity long/short (b)		414,538	Monthly, Quarterly	60 to 90 days
Event-driven (c)		94,760	Quarterly	180 days
Long-biased (d)		76,926	Monthly	90 days
Multi-strategy (e)		1,220,595	Monthly, Quarterly, Semiannually, Annually	30 to 95 days
Relative-value (f)		229,022	Weekly, Quarterly	5 to 60 days
	\$	2,271,795		
In liquidation (g)		57,359		
Total	\$	2,329,154		

- (a) Directional strategies employ various techniques to forecast the direction of segments of the market and then invest in either long or short positions. The segments may be geographic economies, industry sectors, currency, or asset class. The investments may be in physical securities or derivatives. The strategies may be trend-following or mean-reverting and may be specific to that segment or universally applied across them.
- (b) An equity long/short strategy involves taking long positions in stocks that are expected to increase in value and short positions in stocks that are expected to decrease in value. Investments representing approximately 67 percent of the fair value of the investments in this strategy are subject to maximum withdrawal restrictions.
- (c) Event-driven funds maintain positions in companies currently or prospectively involved in various corporate transactions including, but not limited to, mergers, restructurings, financial distress, tender offers, shareholder buybacks, debt exchanges, security issuance or other capital structure adjustments. Security types can range from most senior in the capital structure to most junior or subordinated, and frequently involve additional derivative securities. Event-driven exposure includes a combination of sensitivities to equity markets, credit markets and company-specific developments. The sole fund in this investment strategy is subject to maximum withdrawal restrictions.
- (d) Long-biased strategies employ analytical techniques in which the investment thesis is predicated on assessment of the valuation characteristics on the underlying companies with the goal of identifying undervalued companies. Long-biased strategies may vary the investment level or the level of long exposure over market cycles, but the primary distinguishing characteristic is that the manager maintains consistent long exposure.
- (e) Multi-strategy funds combine several strategies within the same fund in order to provide diversification benefits to reduce return volatility and decrease asset-class and single-strategy risks. These funds typically add incremental returns through active allocation adjustments based on market opportunities. Risk is managed through a combination of quantitative and qualitative constraints including, but not limited to, active risk, liquidity risk, currency risk, manager risk, derivatives risk, and leverage risk. Investments representing approximately 79 percent of the fair value of the investments in this strategy are subject to maximum withdrawal restrictions.

(Amounts in thousands)

#### NOTE 3. FAIR VALUE MEASUREMENTS (continued)

- (f) Relative-value funds maintain positions in which the investment thesis is predicated on the realization of a valuation discrepancy in the relationship between multiple securities. Managers employ a variety of fundamental and quantitative techniques to establish investment insights, and security types range broadly across equity, fixed income, derivative or other security types. Fixed income strategies are typically quantitatively driven to measure the existing relationship between instruments and, in some cases, identify attractive positions in which the risk-adjusted spread between these instruments represents an attractive opportunity. Investments representing approximately 60 percent of the fair value of the investments in this strategy are subject to maximum withdrawal restrictions.
- (g) Funds currently in liquidation are no longer managed to a defined strategy. As the remaining underlying assets of these funds are monetized, their proceeds are distributed to shareholders. The timing of these future distributions is unknown.

## **NOTE 4. SCHEDULE OF PARTICIPATION**

The following schedule provides the value of participants' accounts in the Pool at May 31, 2021:

Participant	Account Value
Teachers' Retirement System	\$ 892,750
Public Employees' Retirement System	798,623
Workers' Compensation Old Fund	160,436
West Virginia Retiree Health Benefit Trust Fund	145,438
State Police Death, Disability and Retirement Fund	76,448
Public Employees Insurance Agency	52,153
Coal Workers' Pneumoconiosis Fund	48,624
West Virginia Department of Environmental Protection Agency	46,735
Board of Risk and Insurance Management	37,381
Deputy Sheriff's Retirement System	28,418
State Police Retirement System	26,921
Judges' Retirement System	25,378
Workers' Compensation Self-Insured Employer Security Risk Pool	10,973
Emergency Medical Services Retirement System	10,713
Workers' Compensation Self-Insured Employer Guaranty Risk Pool	7,682
Wildlife Endowment Fund	7,040
Workers' Compensation Uninsured Employers' Fund	3,225
West Virginia Department of Environmental Protection Trust	2,228
Natural Resources Police Officer Retirement System	2,222
Municipal Police Officers' and Firefighters' Retirement System	2,024
Berkeley County Development Authority	760
Municipal Policemen's or Firemen's Pension and Relief Funds	678
Total	\$ 2,386,850