



# Chief Investment Officer Monthly Report

Jonathan Grabel – Chief Investment Officer 

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Board of Investments Meeting  
November 12, 2025

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Complete list of slide footnotes are included in the Appendix.



01



# Market Environment

# Notable Items and Market Themes to Watch



## Notable Items



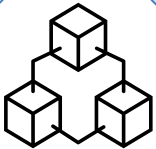
### Interest rates and central bank actions

- The Federal Reserve approved its second 25 basis point interest rate cut this year amid labor market weakness



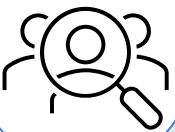
### Economic data and trends

- Inflation, tariffs, elevated trade tensions, & labor developments



### Artificial intelligence

- Research developments, applications, infrastructure investment, market impact, risk oversight and governance



### Stewardship and ESG-related developments

- Securities and Exchange Commission Chair announces SEC will not oppose initial public offering filings with mandatory arbitration provisions and will defer to state law; International Corporate Governance Network and Council of Institutional Investors oppose

## Market Themes

- **U.S. Federal Government Shutdown:** The shutdown has prompted various economic and market consequences including weakened consumer sentiment due to the furlough of government workers and delayed payments to federal contractors; policy-making uncertainty as key data releases are on pause; and potential downside implications to GDP growth
- **Tariff Impacts:** U.S. trade policy remains a headwind on the economy. Import tariffs remain high across many sectors. Trade policy risk has been priced into inflation expectations in many forward-looking economic models
- **Inflation:** Global inflation is projected to decline gradually from ~3.4% in 2025 to ~2.9% in 2026. In the U.S., core inflation is expected to register 3.0% year-over-year, with tariff impacts expected to gradually build
- **Federal Reserve Policy:** On October 29<sup>th</sup>, the Federal Reserve cut the federal funds rate by another 25 basis points. The second cut of the year, the new range is 3.75-4.00%. The reduction was intended to ease impacts of a slowdown in the labor market
- **Geopolitical Uncertainty:** Geopolitical uncertainty continues due to trade tensions, tariff retaliation, and regional conflicts
- **Corporate Earnings:** Third-quarter earnings were strong with many of the largest companies performing better than expected

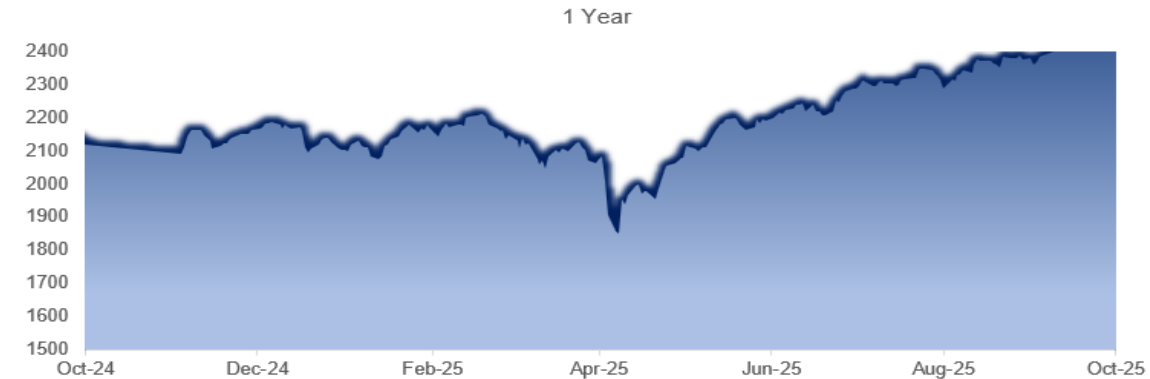
# Global Market Performance

## As of October 31, 2025



MSCI ACWI IMI Index (Global Equity Market)\*

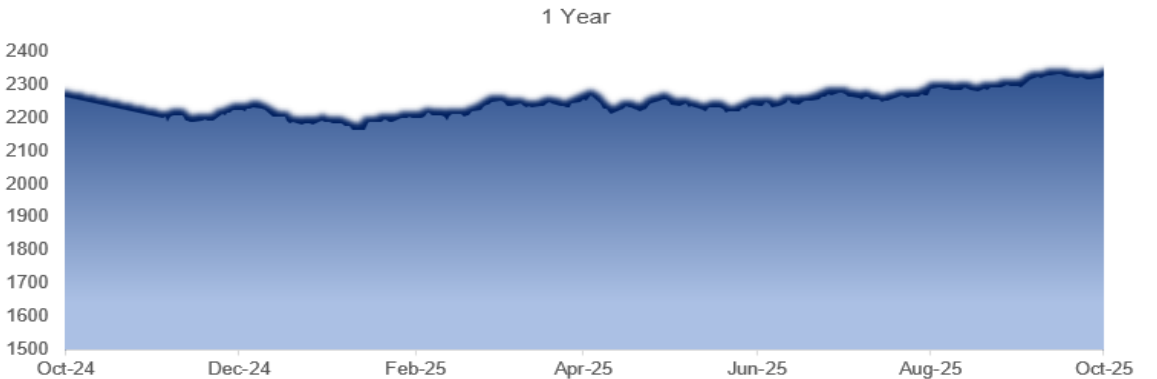
Trailing Returns (%)				Annualized Returns (%)			
1-Month	3-Month	FYTD	YTD	1Y	3Y	5Y	10Y
2.0	8.4	9.9	20.7	22.0	20.9	14.3	11.0



\*Global Equity Policy Benchmark - MSCI ACWIIMI Index

Bloomberg U.S. Aggregate Bond Index\*\*

Trailing Returns (%)				Annualized Returns (%)			
1-Month	3-Month	FYTD	YTD	1Y	3Y	5Y	10Y
0.6	2.9	2.7	6.8	6.2	5.6	-0.2	1.9



\*\*Investment Grade Bonds Policy Benchmark - Barclays U.S. Aggregate Bond Index

Market	Sub-Category	Index Name	1 M	3 M	FYTD	YTD	1 Y	3 Y	5 Y	10 Y
Reference Portfolio	60:40 Equity:Bond Portfolio	60% MSCI ACWI IMI/ 40% Bloomberg U.S. Aggregate Index	1.5	6.2	6.9	15.0	15.5	14.7	8.4	7.5
Global Equity	U.S. Large Cap	S&P 500 Total Return	2.3	8.2	10.7	17.5	21.5	22.7	17.6	14.6
	U.S. Small Cap	Russell 2000 Total Return	1.8	12.5	14.4	12.4	14.4	11.9	11.5	9.4
	Non-U.S. All Cap	MSCI ACWI-ex U.S. IMI Total Return	1.8	9.0	8.7	28.2	24.6	20.0	11.1	7.7
	Emerging Markets	MSCI Emerging Markets Total Return	4.2	13.1	15.3	32.9	27.9	21.1	7.5	7.7
Private Equity	Private Equity Buyout	Thomson Reuters PE Buyout Index	2.3	9.3	12.2	24.6	27.0	20.7	14.5	12.4
Fixed Income	U.S. Corporate High Yield Bonds	Bloomberg U.S. Corporate High Yield Total Return	0.2	2.2	2.7	7.4	8.2	10.2	5.5	5.9
	U.S. Long Term Treasury Bonds	Bloomberg Long Term U.S. Treasury Total Return Index	1.3	4.7	3.8	7.0	3.1	2.8	-7.0	0.1
	Developed Markets Leveraged Loans	Credit Suisse Leveraged Loan Total Return	0.3	1.2	2.0	5.0	6.5	9.5	6.9	5.5
Real Assets & Inflation Hedges	Natural Resources	S&P Global Natural Resources Total Return Index	-0.7	8.0	8.8	20.5	11.3	7.0	14.9	9.3
	Global Infrastructure	Dow Jones Brookfield Global Infrastructure Composite Index	-2.5	0.2	-1.0	10.7	10.2	10.8	10.4	6.2
	Treasury Inflation-Protected Securities	Bloomberg U.S. Treasury TIPS 0-5 Years Total Return	0.1	1.3	1.6	5.7	6.1	5.1	3.8	3.1
	Real Estate	NCREIF Fund Index - ODCE (Net) <sup>1</sup>	—	0.5	0.5	2.2	3.2	-6.1	2.6	4.1

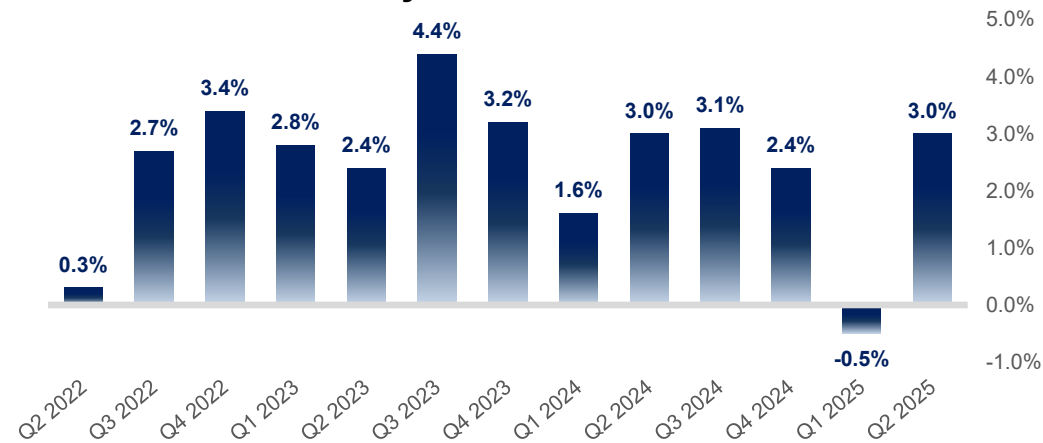
<sup>1</sup> Reported on a 3-month lag.

Source: Bloomberg, State Street

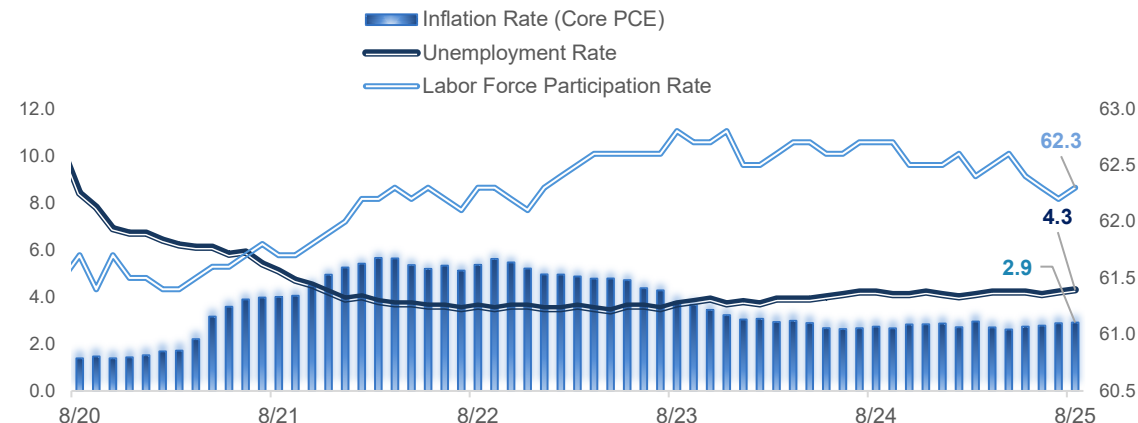
# Key Macro Indicators<sup>2</sup>



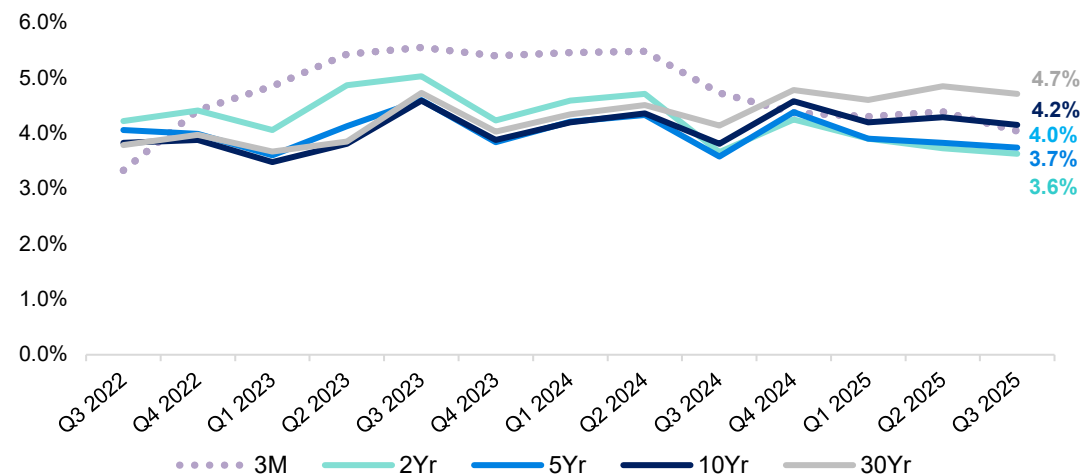
Quarterly Real GDP Growth



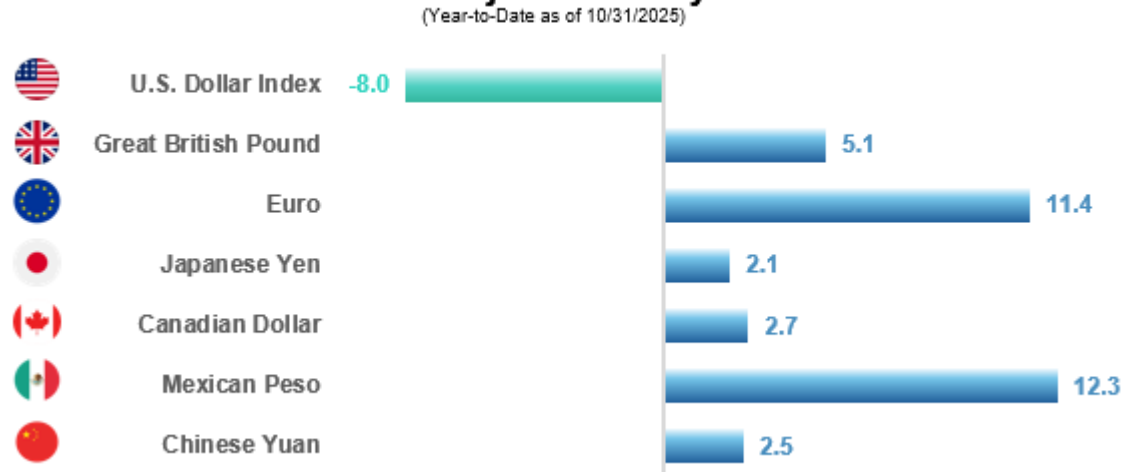
Inflation, Unemployment, and Labor Participation



Market Yields on U.S. Treasury Securities



U.S. Dollar and Major Currency Performance



Sources: Bloomberg, St. Louis Federal Reserve



02



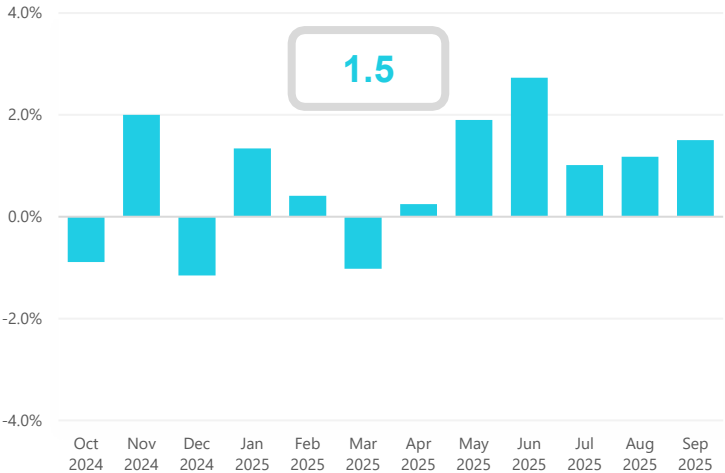
# Total Fund Performance & Risk

# Total Fund

## Performance Summary as of September 2025



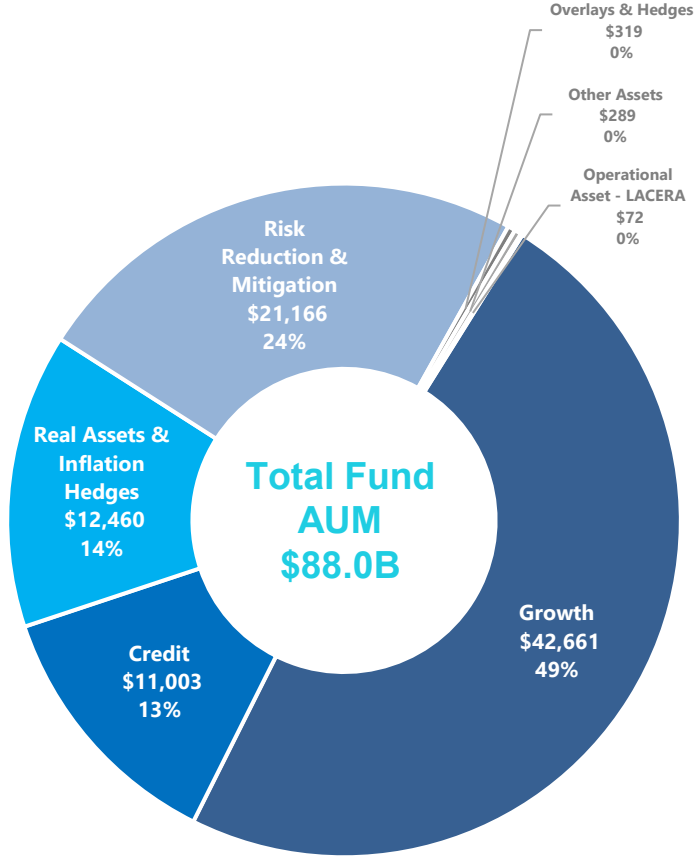
Monthly Return (net)



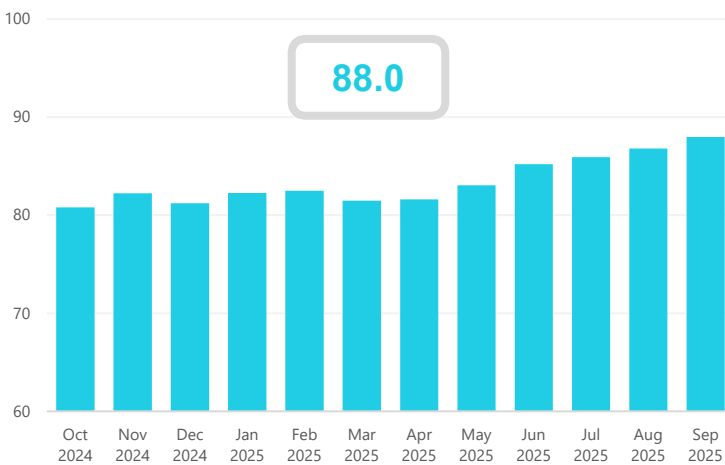
Growth of a Dollar (trailing 5Y)<sup>3</sup>



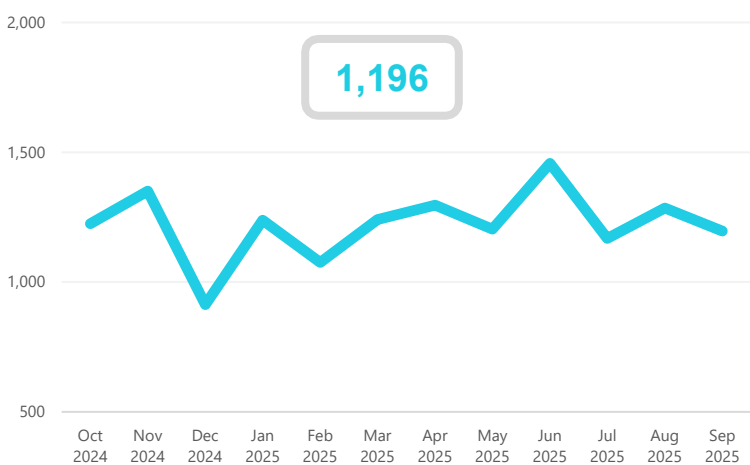
Asset Allocation (in millions)<sup>4</sup>



Total Market Value (in billions)



Cash Equivalents (in millions)



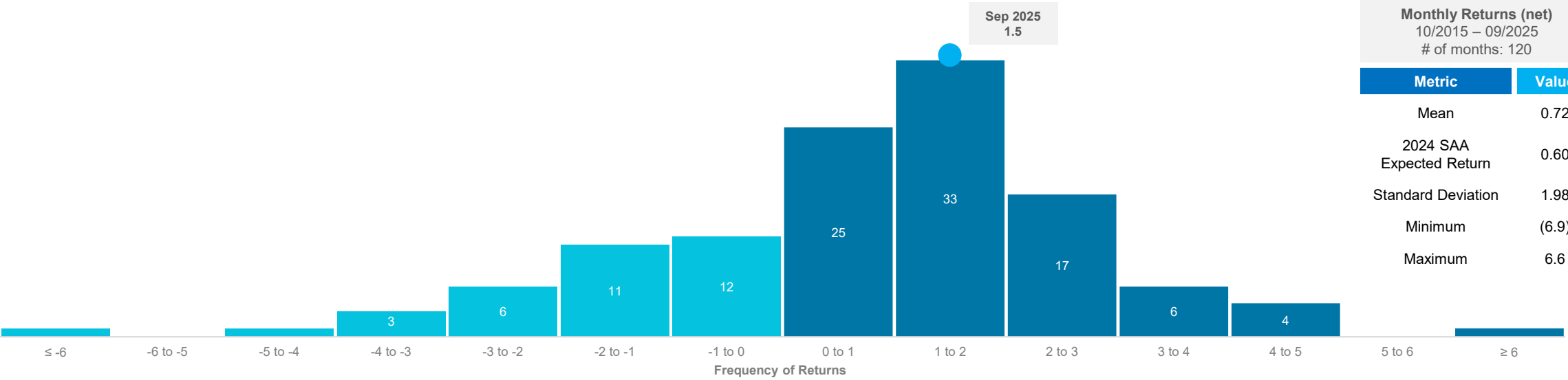


# Total Fund

## Historical Net Performance as of September 2025



LACERA Pension Fund<sup>5</sup>

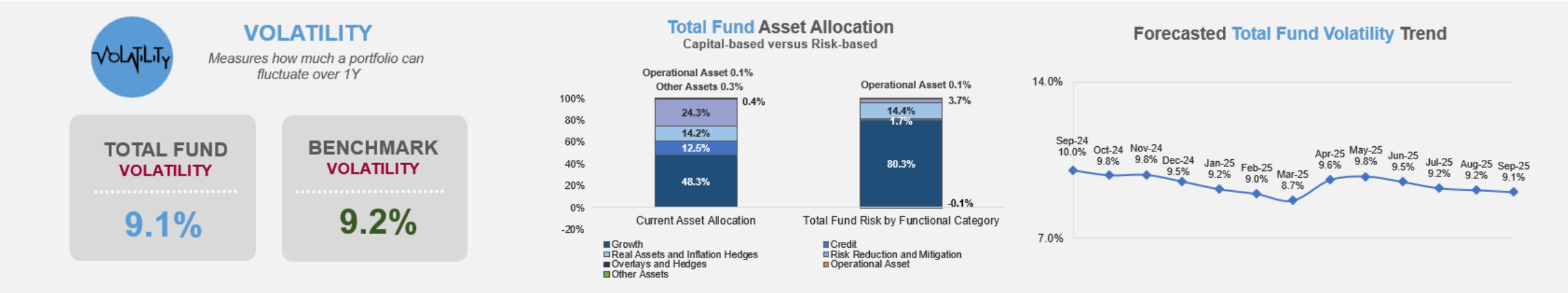


Monthly Returns (net) 10/2015 – 09/2025 # of months: 120	
Metric	Value
Mean	0.72
2024 SAA Expected Return	0.60
Standard Deviation	1.98
Minimum	(6.9)
Maximum	6.6

	Market Value (\$ mm)	% of Total Fund	Target	1 Month	3 Month	FYTD	YTD	1 Year	3 Year	5 Year	10 Year
Total Fund	87,971	100.0%	100.0%	1.5%	3.7%	3.7%	9.6%	9.6%	11.1%	9.6%	8.8%
Total Fund Policy Benchmark				2.3%	5.4%	5.4%	9.9%	11.4%	12.8%	8.5%	8.4%
Total Fund Actuarial Hurdle				0.6%	1.7%	1.7%	5.2%	7.0%	7.0%	7.0%	7.0%
Growth	42,661	48.5%	48.0%	2.2%	5.6%	5.6%	13.1%	12.5%	15.4%	13.8%	
Growth Policy Benchmark				3.8%	9.0%	9.0%	14.9%	16.9%	19.8%	13.5%	
Credit	11,003	12.5%	13.0%	0.4%	0.9%	0.9%	10.2%	13.5%	13.7%	9.5%	
Credit Policy Benchmark				0.7%	2.7%	2.7%	5.9%	8.7%	10.2%	5.4%	
Real Assets & Inflation Hedges	12,460	14.2%	15.0%	0.4%	2.3%	2.3%	7.3%	6.2%	3.3%	7.1%	
RA & IH Policy Benchmark				0.8%	2.2%	2.2%	4.2%	8.4%	3.0%	6.4%	
Risk Reduction & Mitigation	21,166	24.1%	24.0%	1.2%	2.1%	2.1%	5.6%	3.9%	4.8%	0.8%	
RR & M Policy Benchmark				1.0%	1.9%	1.9%	5.6%	3.2%	4.8%	0.3%	
Overlays & Hedges	319	0.4%									
Other Assets	289	0.3%									
Operational Asset - LACERA	72	0.1%									

# Total Fund

## Forecast Volatility as of September 2025<sup>6</sup>



# Total Fund

Geographic Exposure by AUM as of September 2025<sup>7,8</sup>

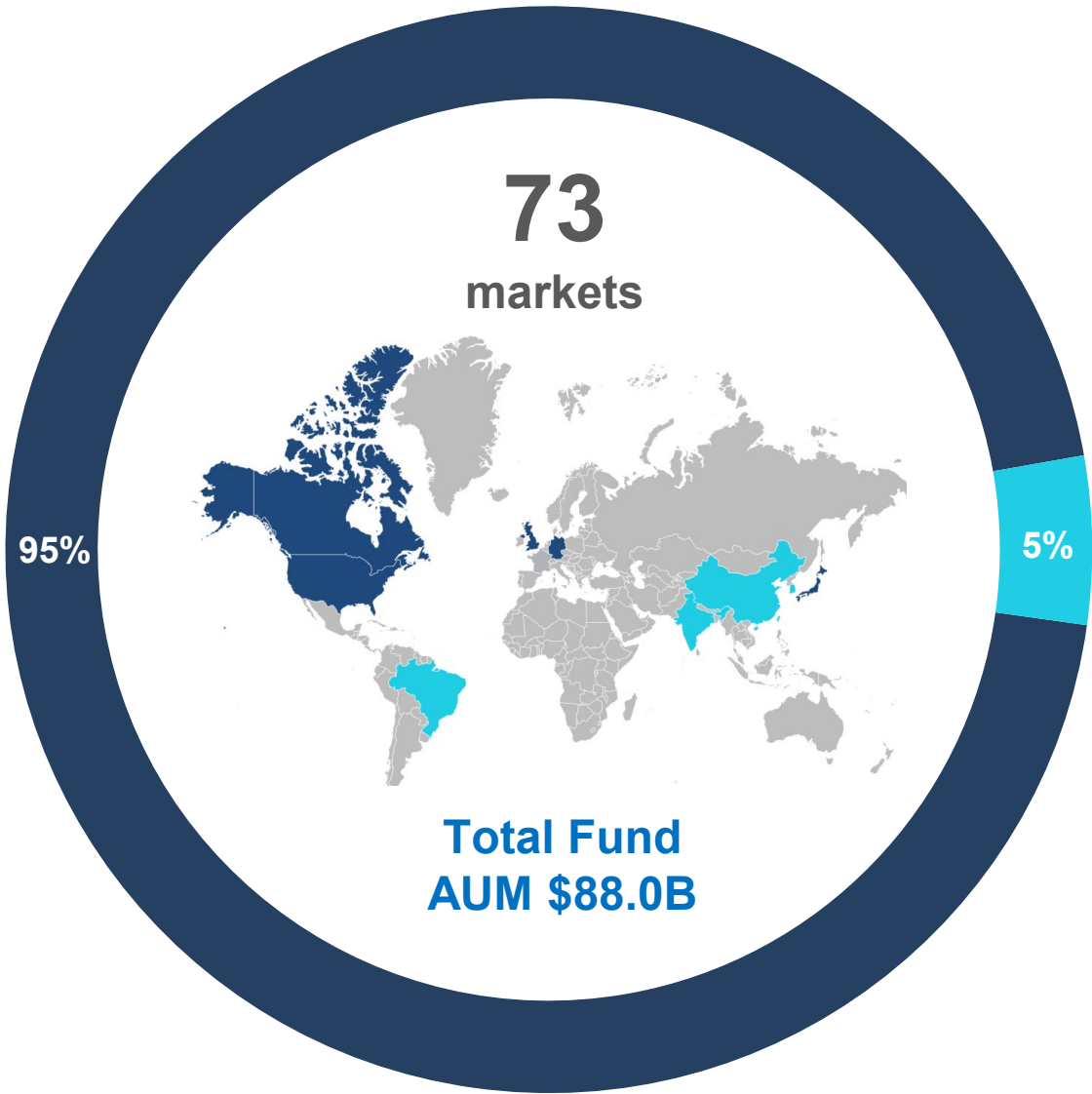


25

developed markets

Top 5 Countries		Portfolio
	United States	76.5%
	United Kingdom	4.6%
	Canada	2.3%
	Germany	1.6%
	Japan	1.6%

73 markets



48

emerging & frontier markets

Top 5 Countries		Portfolio
	China	2.0%
	Taiwan	0.7%
	India	0.5%
	South Korea	0.5%
	Brazil	0.4%



03



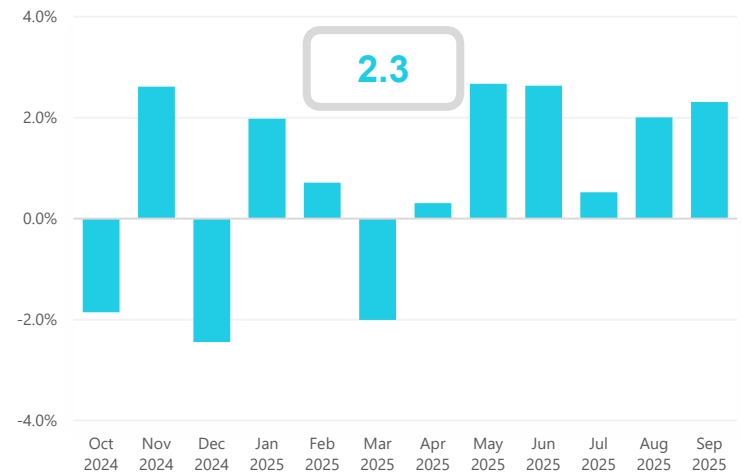
# OPEB Trust Performance & Risk

# OPEB Trust

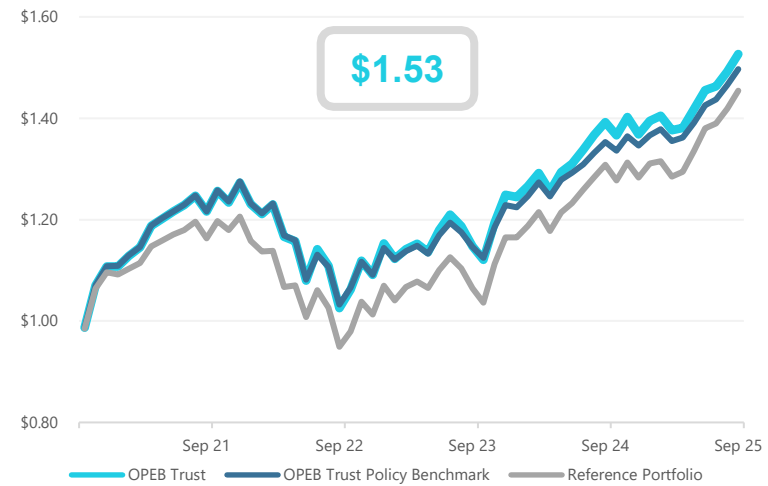
## Performance Summary as of September 2025



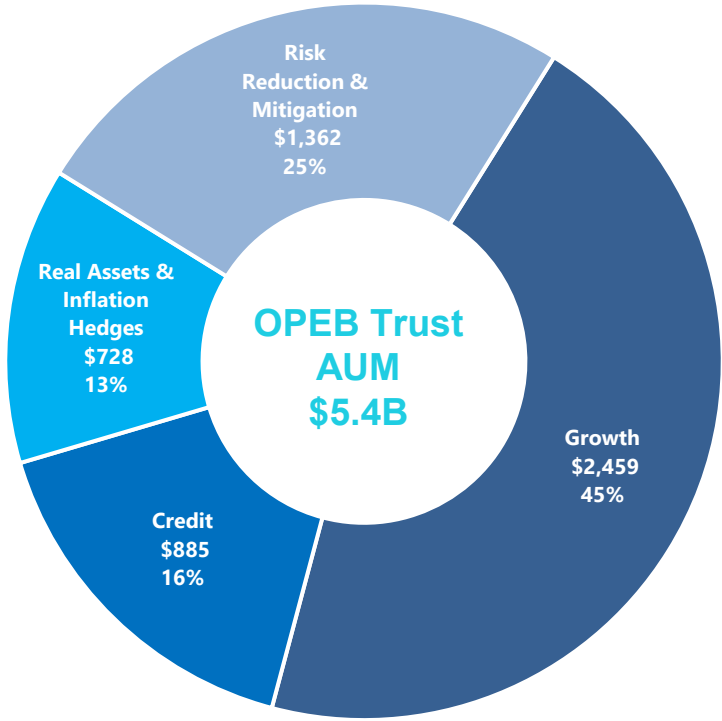
Monthly Return (net)



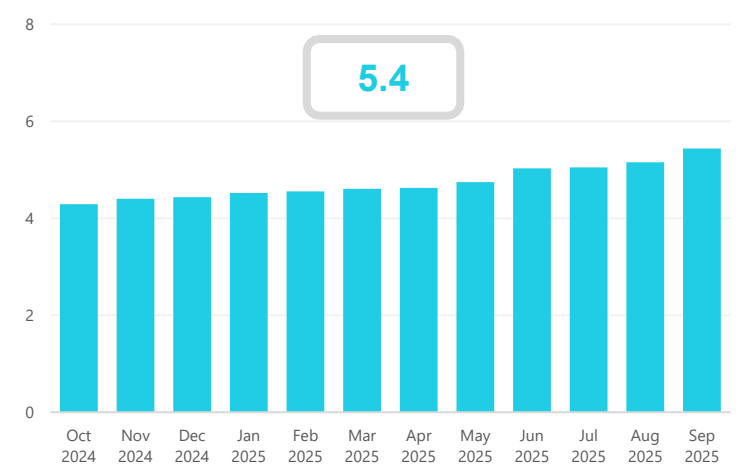
Growth of a Dollar (trailing 5Y)<sup>9</sup>



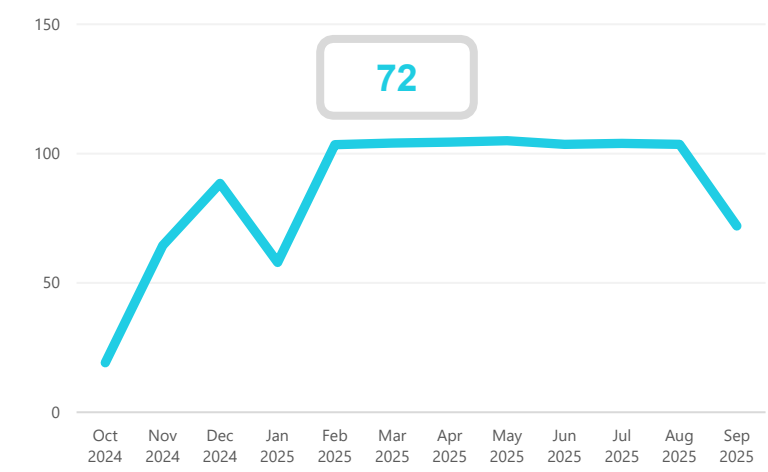
Asset Allocation (in millions)



Total Market Value (in billions)

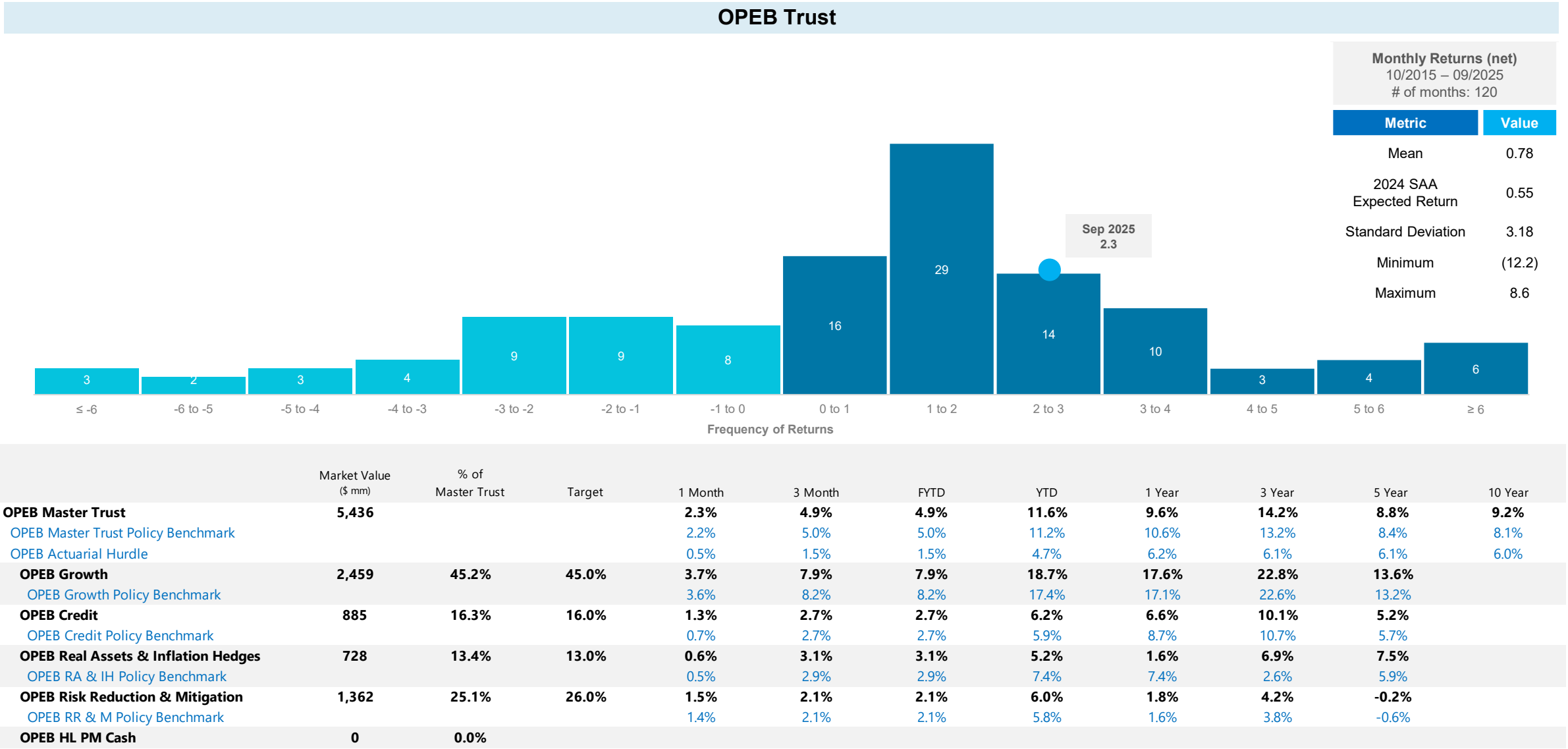


Cash Equivalents (in millions)



# OPEB Trust

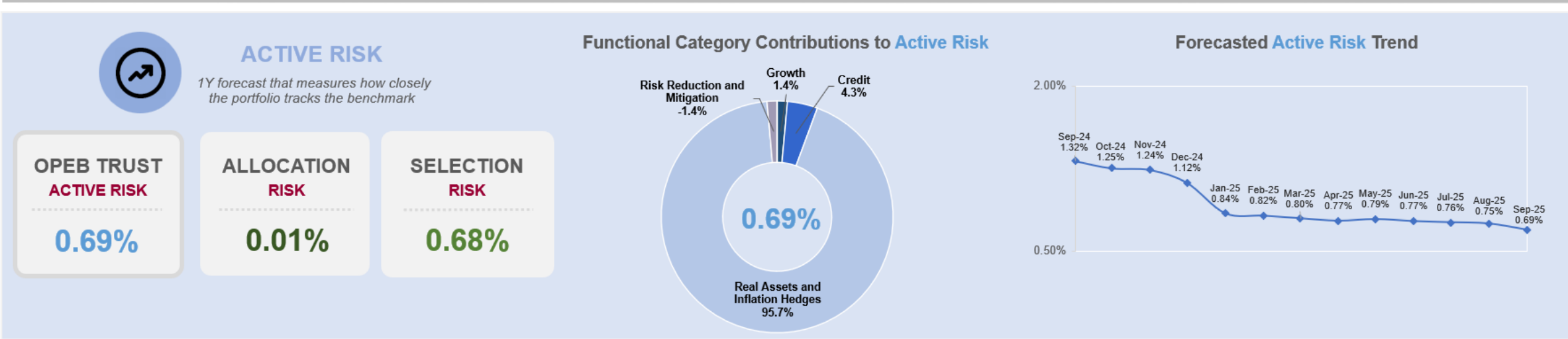
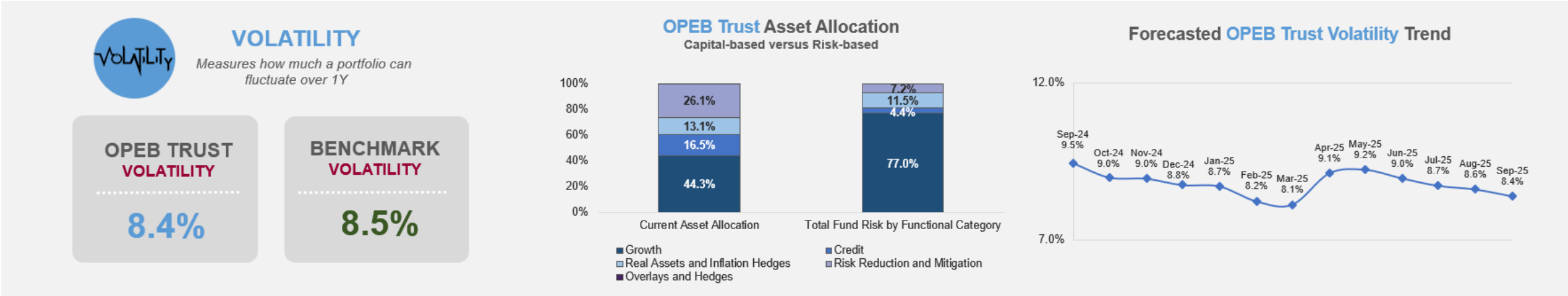
## Historical Net Performance as of September 2025



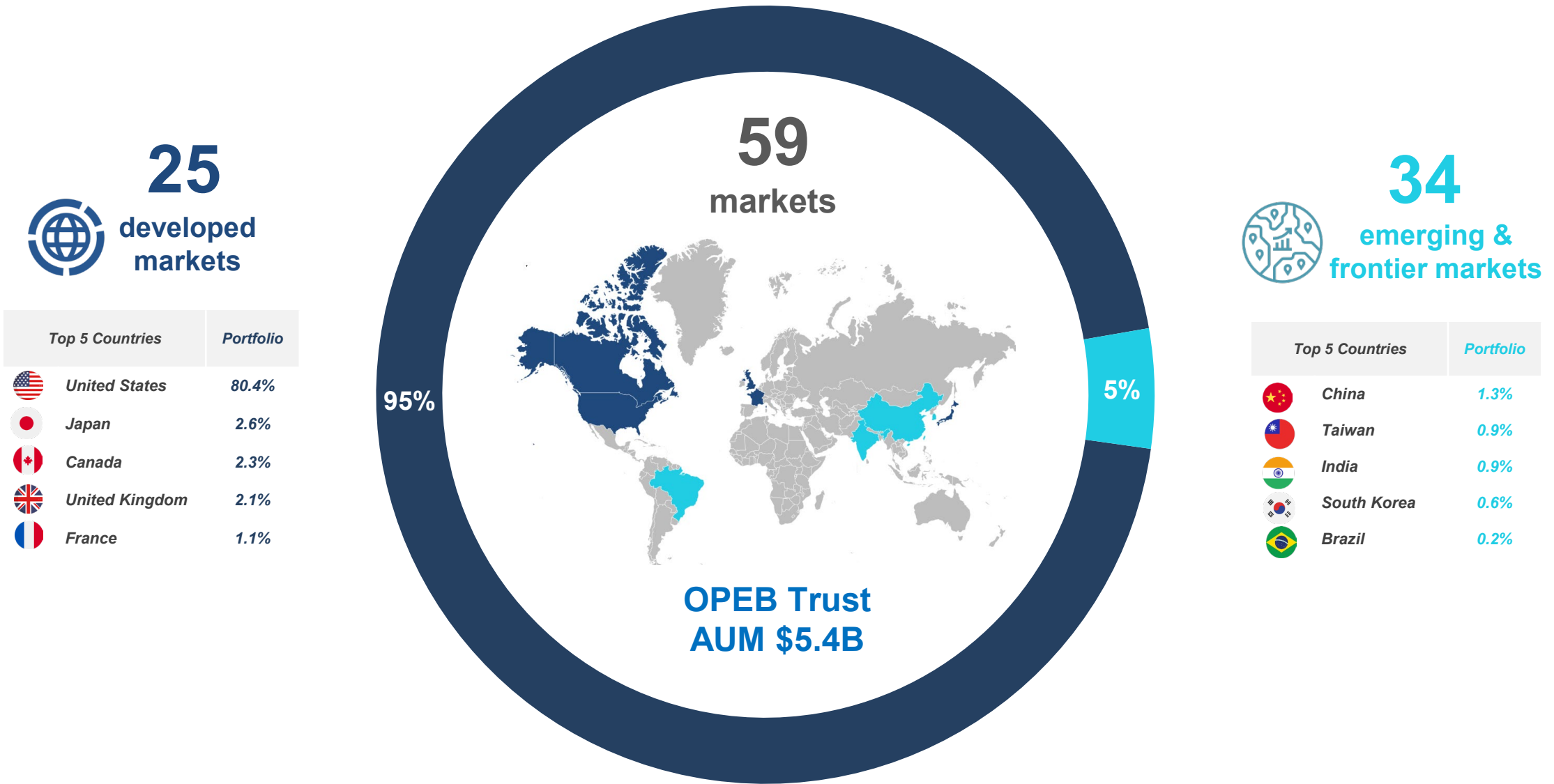
# OPEB Trust

## Forecast Volatility as of September 2025<sup>10</sup>





Source: MSCI BarraOne







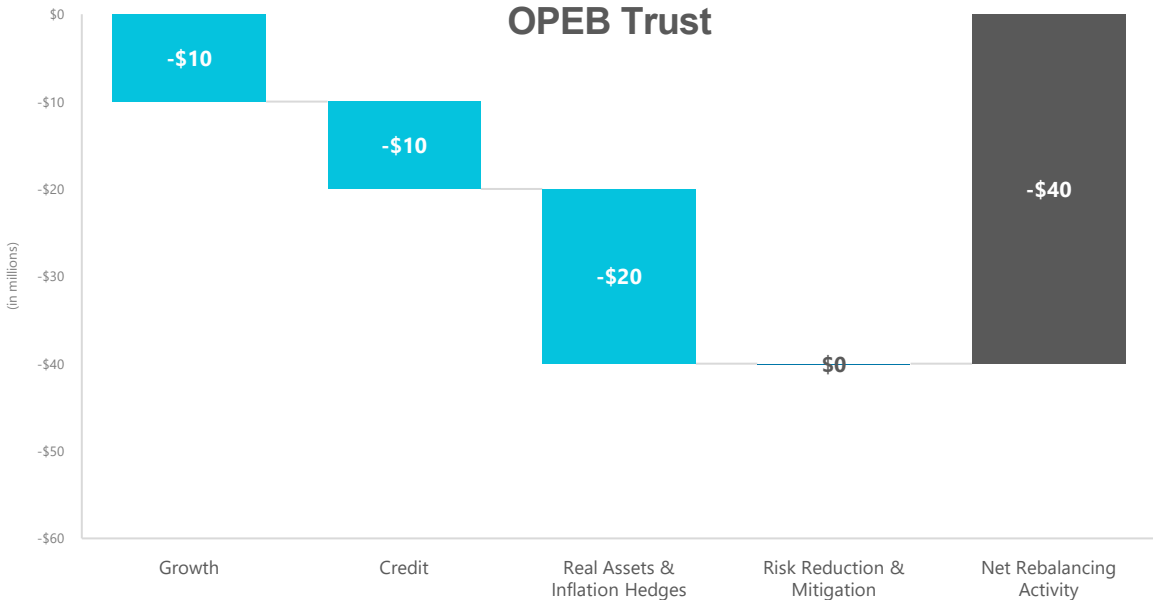
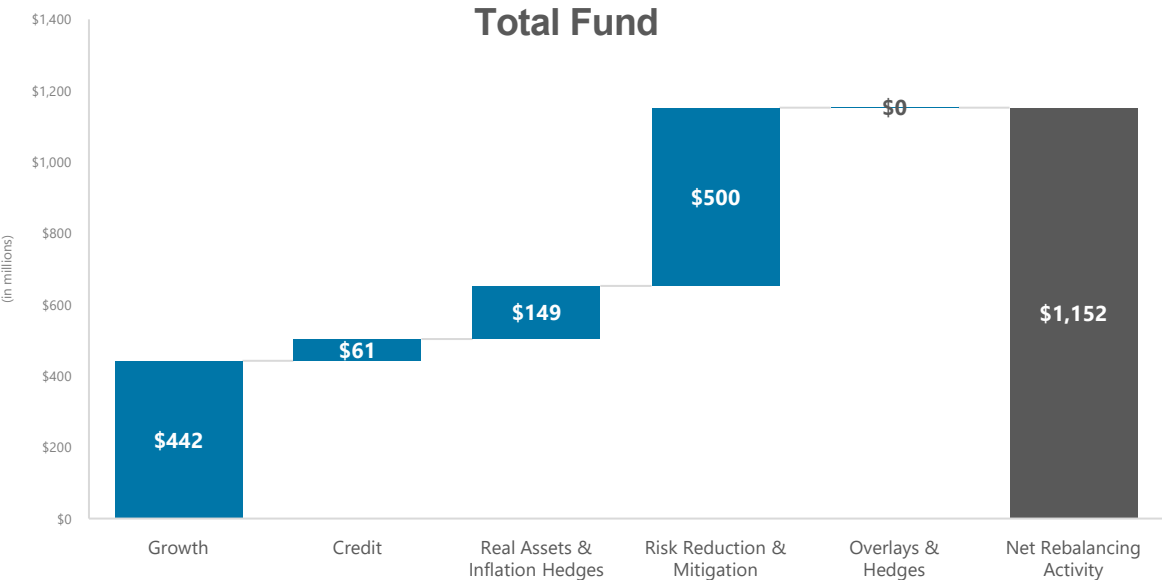
**04**

# Portfolio & Structural Updates





## Rebalancing Activity



## Overlays & Hedges

Program	September Gain / (Loss) in \$ millions	Since Inception Gain / (Loss) in \$ millions
Currency Hedge	(5.6)	1,457.7
Cash / Rebalance Overlay	11.7	597.9

# Key Initiatives and Operational Updates



## Key Initiatives & Operational Updates

	Status
Total Fund	
April 2024 approved Strategic Asset Allocation implementation	In Progress
Adhering to the BOI-approved 2025 Strategic Framework	In Progress
Risk system onboarding	In Progress
Manager surveys distributed for annual TIDE report	In Progress
OPEB Trust	
April 2024 approved Strategic Asset Allocation implementation	In Progress
Risk system onboarding	In Progress



## Open Personnel Searches

	Status
Investments Division	
Principal Investment Officer – 1 position	In Development
Senior Investment Officer – 1 position	In Progress
Finance Analyst III – 6 positions	In Development
Finance Analyst II – 3 positions	In Progress
Finance Analyst I – 1 position	Completed

# Key Initiatives and Operational Updates



## Manager / Consultant Updates

Firm	Mandate	Asset Class	LACERA AUM (prior month end, in millions)	Update
Onex Corporation	Credit	Credit	407	AIG will buy a 9.9% stake in Onex and invest \$2B in Onex’s private equity and credit strategies over three years. Onex and AIG also formed a strategic partnership to jointly acquire Convex Group. The deal is expected to close in early 2026, pending regulatory approval.
Innocap	Dedicated Managed Account Platform Manager	Credit and Hedge Funds	N/A	Bain Capital purchased a minority stake in Innocap, a dedicated managed account (“DMA”) platform manager that oversees nine of LACERA’s DMA investment vehicles across credit and hedge funds. The transaction with Bain is intended to provide Innocap with strategic growth capital to further scale their DMA platform business.

# Change In Fiduciary Net Position<sup>13</sup>



## FIDUCIARY NET POSITION

Additions

+

Deductions



## ADDITIONS

Employer and Employee Contributions

Net Investment Income/(Loss)

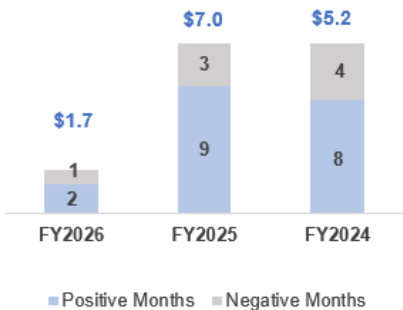


## DEDUCTIONS

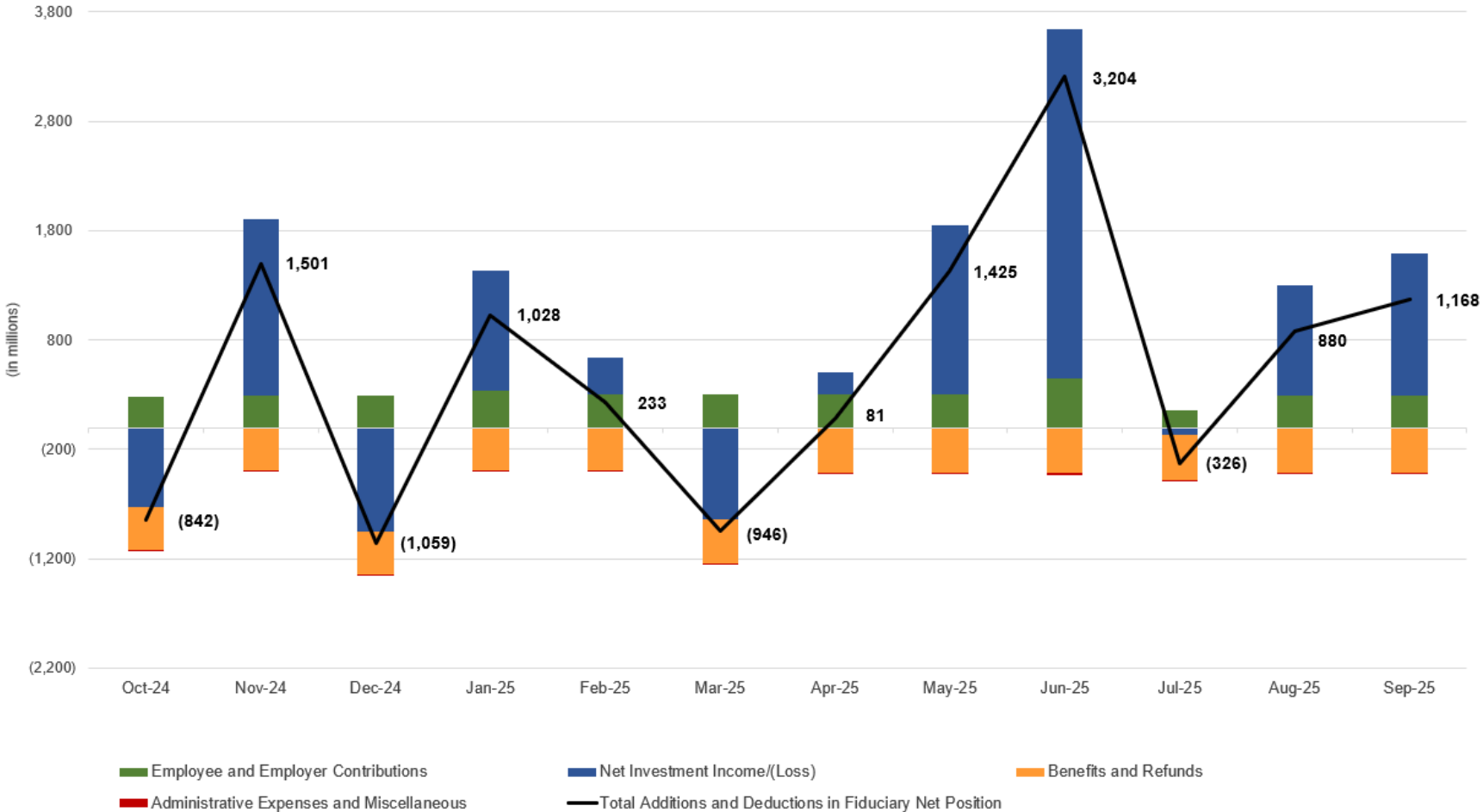
Benefits and Refunds

Administrative Expenses

## Total Net Position Change Trend (in billions)



## Additions and Deductions in Net Fiduciary Position (Unaudited)





**05**



# Appendix

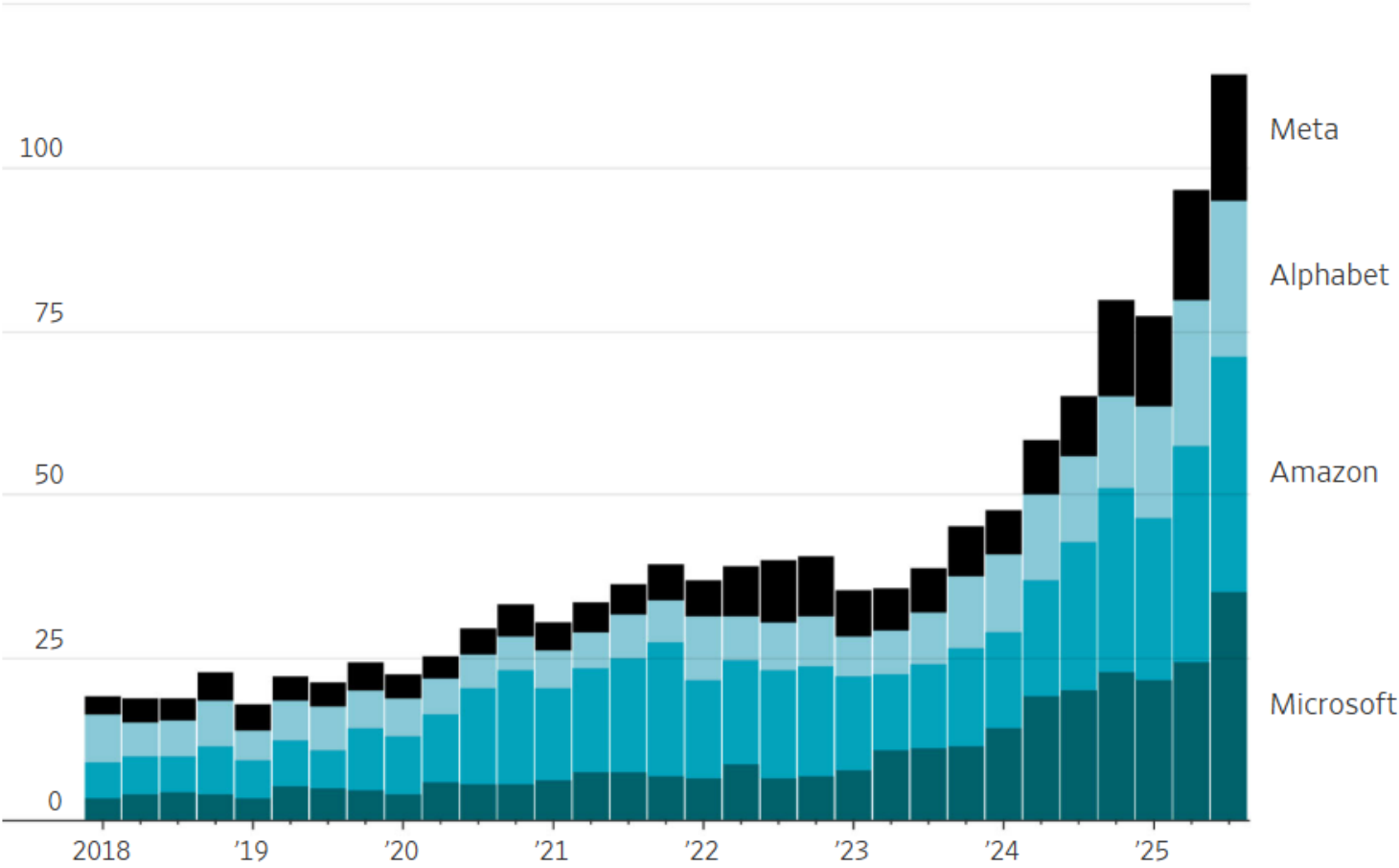
# Staff Chart of the Month

## Big Tech Now Spends Over \$100 Billion Per Quarter on Capital Expenditures



Capital expenditures, quarterly

\$125 billion



Note: Data are for calendar quarters and include finance leases.  
Source: the companies

Source: Wall Street Journal

Real Assets Emerging Manager Program  
Discretionary Separate Account Manager



▪ Artemis Real Estate Partners	▪ ORG Portfolio Management
▪ Aether Investment Partners	▪ Barings
▪ Neuberger Berman Group	▪ Belay Investment Group
▪ The Townsend Group	▪ Hamilton Lane
▪ BGO Strategic Capital Partners	▪ Cambridge Associates
▪ BlackRock	▪ Seed Partners
▪ StepStone	▪ Stable Asset Management
▪ GCM Grosvenor	▪ Wafra Inc.



# Quiet Period for Search Respondents



## Overlays and Hedges Passive Cash Overlay Investment Manager



- Legal & General Asset Management
- NISA Investment Advisors
- Parametric Portfolio Associates
- Russell Investments
- State Street Investment Management

# Disclosures & Definitions



Page / Footnote	Disclosure
Page 5 / Footnote 1	NCREIF Fund Index – ODCE (Net) returns represent the latest available quarterly performance.
Page 6 / Footnote 2	The information on the “Key Macro Indicators” charts is the best available data and may not reflect the current market and economic environment. The Quarterly Real GDP Growth and the Inflation, Unemployment, and Labor Participation charts have not been updated due to the unavailability of source data resulting from the recent federal government shutdown.
Page 8, 13 / Footnote 3, 9	Reference portfolio = 60% MSCI ACWI IMI / 40% Bloomberg US Aggregate Bond Index.
Page 8, 9 / Footnote 4, 5	Other Assets include receivables due to deferred sales and rebalancing activity pending settlement.
Page 10, 15 / Footnote 6, 10	Real estate and private equity data is based on best available cash flow adjusted market values. Exposure data is based on security level holdings and/or proxies.
Page 11, 16 / Footnote 7, 11	Geographic exposure ex-overlays and hedges is based on the domicile country of a given security/asset.
Page 11, 16 / Footnote 8, 12	Information displayed represents best available holdings level transparency. Based on MSCI Market Classification Framework.
Page 21 / Footnote 13	Includes unrealized and realized net investment income.
Term	Definition
Active risk	Risk that a managed portfolio creates to outperform the benchmark returns.
Allocation risk	Investment manager’s decision to overweight or underweight sector weights in the portfolio versus the benchmark.
Mean	Expected return of an asset over a specified period.
Selection risk	Investment manager’s selection of securities within the portfolio versus the benchmark.
Standard deviation	Statistical measure of dispersion around the mean.
Volatility	Statistical measure of dispersion of returns for a portfolio.