INVESTMENT ADVISORY COUNCIL

OF THE
MINNESOTA
STATE BOARD OF INVESTMENT

INVESTMENT ADVISORY COUNCIL
MEETING
February 24, 2026

The Minnesota Legislature has established a seventeen-member Investment Advisory Council (IAC) to advise the Board and its staff on investment-related matters. All proposed investment policies are reviewed by the IAC before they are presented to the State Board of Investment (SBI) for action.

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INVESTMENT ADVISORY COUNCIL MEETING

AGENDA

February 24, 2026

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AGENDA
INVESTMENT ADVISORY COUNCIL MEETING

Tuesday, February 24, 2026
11:00 A.M.

Retirement Systems Building
Room 106 – Main Floor
60 Empire Drive, St. Paul, MN

	TAB
1. Call to Order	
2. Approval of Minutes of December 17, 2025	**Motion Needed**
3. Guest Speaker Robert Smith, Founder, Chairman, and CEO Vista Equity Partners	
4. Report from the Executive Director	
A. Quarterly Performance Summary	**A**
B. Administrative Report	**B**
5. Update on Asset Allocation Implementation	**C**
6. Other Items	

REPORTS

- **Public Markets Investment Program Report**
- **Other Retirement Funds, Savings Plans, and Non-Retirement Investment Program Report**
- **Summary of Private Markets Commitments and Cash Flows Report**
- **Aon Market Environment Report**
- **Meketa Capital Markets Outlook & Risk Metrics Report**
- **SBI Comprehensive Performance Report**

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Approval of December 17, 2025 IAC Meeting Minutes

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Minutes
Investment Advisory Council Meeting
December 17, 2025

The Investment Advisory Council (IAC) met at 1:00 p.m. on Wednesday, December 17, 2025, in Room 117 of the Retirement Systems Building, 60 Empire Drive, St. Paul, MN 55103.

MEMBERS PRESENT: Doug Anderson, Jennifer Hassemer (for Erin Campbell), Peggy Ingison, Amy Jensen, Gary Martin, Tim Maurer, Dan McConnell, Ify Onyiah, Nancy Orr, Sunil Swami, and Shawn Wischmeier.

MEMBERS ABSENT: Denise Anderson, Erin Leonard, Dennis Santos, and Jen Wilson.

SBI STAFF: Jill Schurtz, Andy Christensen, Erol Sonderegger, Andrew Krech, Cassie Boll, Jonathan Stacy, Jeff Weber, and Emily Pechacek.

OTHER ATTENDEES: Katie Comstock, Aon Investments; Allan Emkin, and Steve Voss, Meketa Investment Group; Sean Crawford, Albourne Partners; Jake Smith, Governor's Office; Dana Mitchell, Attorney General's Office; Ramona Advani, State Auditor's Office; and Justin Erickson, Secretary of State's Office.

Call to Order
Gary Martin, Chair of the Investment Advisory Council, called the meeting to order.

Approval of IAC Minutes
The minutes of the October 20, 2025, meeting were approved.

Performance Summary
Executive Director and Chief Investment Officer Jill Schurtz referred members to the Quarterly Performance Summary in Tab A of the meeting materials and outlined the following items from the report, as of September 30, 2025:

AUM: The SBI was responsible for $157.6 billion in assets, of which the Combined Funds represented $105.5 billion.

Performance: The Combined Funds returned 4.9% for the quarter and 10.9% for the 12-month period ending September 30, 2025. The Combined Funds exceeded its long-term objectives by outperforming its Composite Index for the ten-year period and providing a real rate of return above inflation over a 20-year period.

Asset Allocation and TUCS Ranking: The Combined Funds asset mix was in-line with asset allocation targets. Comparing the Combined Funds' investment returns against other public pension plans with over $20 billion in assets within the Trust Universe Comparison Service (TUCS), the Combined Funds ranked in the 17th percentile for the quarter and the 29th percentile for the year.

Executive Director's Administrative Report
Ms. Schurtz referred members to Tab B of the meeting materials for the Executive Director's Administrative Report, which included the proposed 2026 meeting schedule, a budget update, and the status of Russia, Belarus, and Iran restrictions.

Organizational Updates
Ms. Schurtz referred members to Deputy Executive Director Andy Christensen to give a brief update on staff hirings. Mr. Christensen indicated that SBI plans to add a junior analyst to the private markets team, a junior analyst to the active equity team, one or more senior level professionals to the financial services team, and a senior level professional to the investment and performance analytics team. Mr. Christensen noted that a former summer intern will also be joining the SBI as a junior analyst.

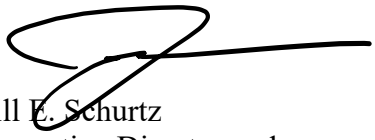
Asset Allocation Study
Ms. Schurtz referred members to Tab C of the meeting materials for the Asset Allocation Study Report. Ms. Schurtz introduced Deputy Chief Investment Officer Erol Sonderegger, who gave an update on the asset allocation implementation working group that is led by Co-Director of Private Markets, Cassie Boll and Vice President and Director of Active Equities, Emily Pechacek.

Private Markets Investment Program Report
Ms. Schurtz referred members to Tab D of the meeting materials for the Private Markets Investment Program Report. Ms. Schurtz introduced Ms. Boll and Co-Director of Private Markets Jon Stacy to present a review of SBI's private markets pacing model. Ms. Boll introduced Sean Crawford, Partner and Senior Portfolio Analyst at Albourne Partners, who provided analytical support for the pacing model update. Ms. Schurtz introduced Deputy Director and Head of Active Strategies, Andrew Krech, to present SBI's approach to manager fee negotiations. Mr. Krech introduced Ms. Pechacek and Vice President of Private Markets, Jeff Weber, who discussed their approaches to fee negotiations for public and private markets' manager mandates. Mr. Crawford contributed to the fee discussion by providing an overview of+ Albourne's private markets fee evaluation process.

Informational Reports Included in the Quarterly Meeting Materials
Public Markets Investment Program Report
Other Retirement Funds, Savings Plans, and Non-Retirement Investment Program Report
Summary of Private Markets Commitments and Cash Flows Report
Aon Market Environmental Report
Meketa Capital Markets Outlook & Risk Metrics Report
SBI Comprehensive Performance Report

Adjournment of Meeting
The motion to adjourn the meeting was approved. The meeting adjourned at 2:30 p.m.

Respectfully submitted,



Jill E. Schurtz
Executive Director and
Chief Investment Officer

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TAB A

Quarterly Performance Summary

December 31, 2025

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Performance Summary

December 31, 2025

Description of SBI Investment Programs

The Minnesota State Board of Investment (SBI) is responsible for the investment management of various retirement funds, trust funds, and cash accounts.

Combined Funds

The Combined Funds represent the assets for both the active and retired public employees in the statewide retirement systems, the biggest of which are the Public Employees Retirement Association (PERA), the Teachers Retirement Association (TRA), and the Minnesota State Retirement System (MSRS). The SBI commingles the assets of these plans into the Combined Funds to capture investment efficiencies. All assets in the Combined Funds are managed externally by investment management firms retained by contract.

Other Retirement Funds

In addition to the assets of the Statewide Retirement Systems, the SBI provides broad asset-class investment options to both defined benefit and defined contribution retirement plans that either make investment decisions at the plan level and participant-directed plans. Other public retirement funds include the Public Employees Retirement Association (PERA) Defined Contribution Plan, St. Paul Teachers' Retirement Fund Association, Statewide Volunteer Firefighter Plan, Unclassified Retirement Plan, and Volunteer Fire Relief Associations.

Tax-Advantaged Savings Plans

The SBI aims to help participants meet their savings and investment goals by offering a range of investment options across asset classes managed by institutional investment managers that charge competitive fees. The investment options offered within each plan will vary based on several factors, including statutory requirements, operational limitations, and other rules and regulations established for each participating plan. Tax-advantaged savings plans include the Health Care Savings Plan, Hennepin County Supplemental Retirement Plan, and Minnesota Deferred Compensation Plan

State-Sponsored Savings Plans

The SBI is responsible for oversight of the investment options in the State-Sponsored Savings Plans, including the Minnesota College Savings Plan and the Minnesota ABLE Plan. SBI does not directly administer plans; it partners with the respective plan-administrating agencies when selecting investment options.

Non-Retirement Investment Program

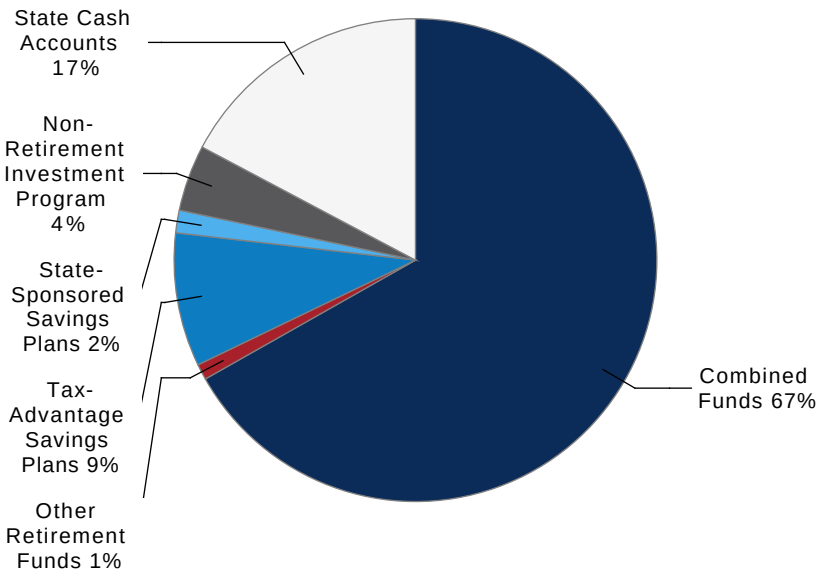
The SBI is responsible for the assets of several state trust funds, public sector sponsored entities, Other Postemployment Benefits (OPEB) trusts, and Qualifying Governmental Entities. These trust funds and accounts have different accounting requirements and spending targets derived from constitutional and statutory provisions. Statute will also identify whether the SBI or the sponsoring entity is responsible for determining the asset allocation targets for the respective fund or account.

State Cash

The State Cash accounts are cash balances of state government funds including the State General Fund. Most accounts are invested by SBI staff through a short-term pooled fund referred to as the Treasurer's Cash Pool. It contains the cash balances of special or dedicated accounts necessary for the operation of certain State agencies and non-dedicated cash in the State Treasury. Because of special legal restrictions, a small number of cash accounts cannot be commingled.

Funds Under Management

	$ Millions
Combined Funds	**$107,586**
Other Retirement Funds	**$1,697**
PERA Defined Contribution Plan	$115
St. Paul Teachers' Retirement Fund	$330
Statewide Volunteer Firefighter Plan	$325
Unclassified Employees Retirement Plan	$484
Volunteer Fire Relief Associations	$444
Tax-Advantage Savings Plans	**$14,409**
Health Care Savings Plan	$2,537
Hennepin County Supplemental Retirement Plan	$193
Minnesota Deferred Compensation Plan	$11,678
State-Sponsored Savings Plans	**$2,439**
Minnesota College Savings Plan	$2,368
Minnesota Achieving a Better Life Experience Plan	$70
Non-Retirement Investment Program	**$7,143**
Other Postemployment Benefits (OPEB)	$1,107
Qualifying Governmental Entities	$25
Trust Funds	$6,011
State Cash	**$27,766**
Invested Treasurer's Cash	$27,181
Other State Cash Accounts	$585
TOTAL SBI AUM	**$161,040**



Note: Differentials within column amounts may occur due to rounding. Totals are unaudited and may differ from the final fiscal year-end report.

Quarterly Report

Match or Exceed Composite Index (10 yr.)

Outperform a composite market index weighted in a manner that reflects the long-term asset allocation of the Combined Funds over the latest 10 year period.

Comparison to Objective

	10 Year
Combined Funds	9.9%
Combined Funds - Composite Index	9.7
Excess	0.3

Provide Real Return (20 yr.)

Provide returns that are 3-5 percentage points greater than inflation over the latest 20 year period.

	20 Year
Combined Funds	8.3%
CPI-U	2.5
Excess	5.8

Note:

Throughout this report performance is calculated net of investment management fees, differentials within column amounts may occur due to rounding, and returns for all periods greater than one year are annualized.

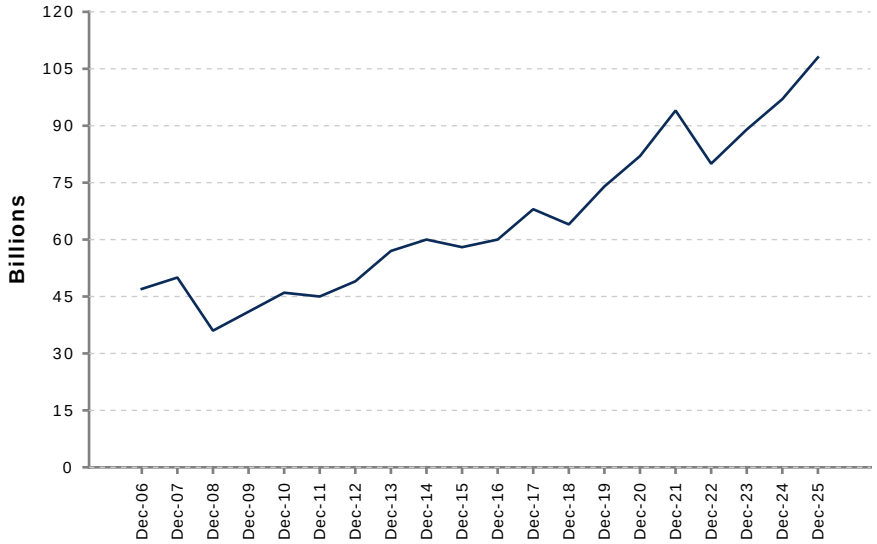
Combined Funds Summary

Combined Funds Change in Market Value ($Millions)

	One Quarter
COMBINED FUNDS	
Beginning Market Value	$105,447
Net Contributions	-543
Investment Return	2,681
Ending Market Value	107,586

The change in market value of the Combined Funds since the end of last quarter is due to net contributions and investment returns.

Asset Growth



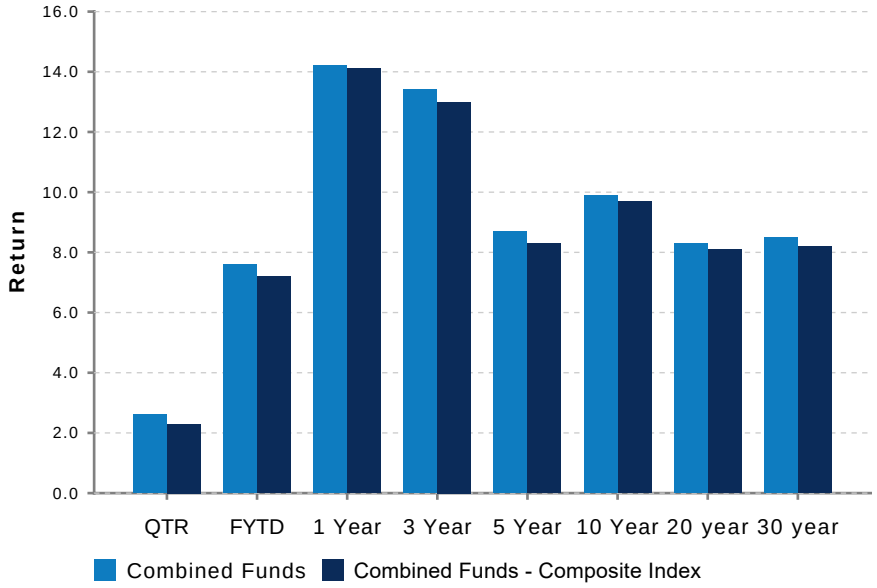
Performance (Net of Fees)

The Combined Funds' performance is evaluated relative to a composite of public market index and private market investment returns. The Composite performance is calculated by multiplying the beginning of month Composite weights and the monthly returns of the asset class benchmarks.

	QTR	FYTD	1 Yr	3 Yr	5 Yr	10 Yr	20 Yr	30 Yr
Combined Funds	2.6%	7.6%	14.2%	13.4%	8.7%	9.9%	8.3%	8.5%
Combined Funds - Composite Index	2.3%	7.2%	14.1%	13.0%	8.3%	9.7%	8.1%	8.2%
Excess	0.2%	0.4%	0.2%	0.4%	0.3%	0.3%	0.3%	0.3%

Note:

Performance is calculated net of investment management fees, differentials within column amounts may occur due to rounding, and returns for all periods greater than one year are annualized.

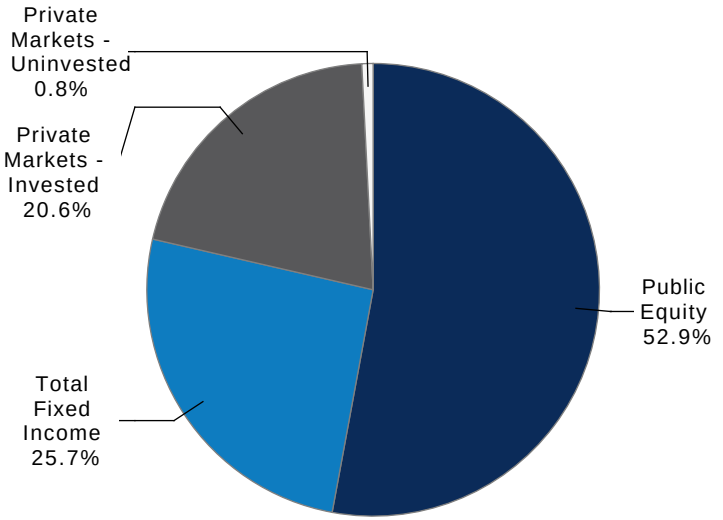


Combined Funds Summary

Asset Mix

The Combined Funds actual asset mix relative to the Strategic Asset Allocation Policy Target is shown below. The uninvested portion of the Private Markets allocation is invested in a mix of Public Equity and Cash.

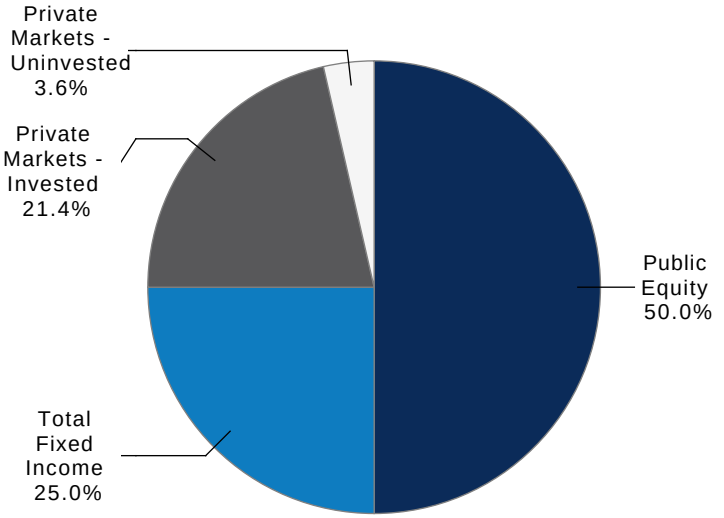
	(Millions)	Actual Mix	Policy Target
Public Equity	$56,893	52.9%	50.0%
Total Fixed Income	27,614	25.7	25.0
Private Markets - Total	23,079	21.5	25.0
Private Markets - Invested	22,165	20.6	
Private Markets - Uninvested	914	0.8	
TOTAL	107,586	100.0	



Composite Index Comparison

The Combined Funds Composite is set as the Strategic Asset Allocation Policy Target. The Combined Funds Composite weighting shown below is as of the first day of the quarter.

	Policy Weight	Market Index
Public Equity	50.0%	Public Equity Benchmark
Total Fixed Income	25.0	Total Fixed Income Benchmark
Private Markets - Invested	21.4	Private Markets
Private Markets - Uninvested	3.6	Uninvested Private Markets Custom Benchmark



Combined Funds Asset Class Performance Summary

Public Equity

The Combined Funds Public Equity includes Domestic Equity, International Equity and Global Equity.

The Public Equity benchmark is 67% Russell 3000 and 33% MSCI ACWI ex US (net).

	Market Value	Actual Weight	Policy Weight	Last Qtr	FYTD	1 Year	3 Year	5 Year	10 Year	20 Year	30 Year
Public Equity	$56.9	52.9%	50.0%	3.6%	11.3%	21.3%	20.7%	11.6%	12.5%	9.4%	9.1
Public Equity Benchmark				3.3	11.3	22.1	20.7	11.5	12.4	9.3	8.9
Excess				0.3	0.0	-0.8	-0.0	0.1	0.0	0.1	0.2
Domestic Equity	37.4	34.7	33.5	2.4	10.6	16.9	22.2	13.1	14.2	10.7	10.0
Domestic Equity Benchmark				2.4	10.8	17.1	22.2	13.1	14.3	10.8	10.1
Excess				0.0	-0.2	-0.3	-0.0	-0.0	-0.0	-0.1	-0.1
International Equity	18.7	17.4	16.5	6.1	13.2	31.1	17.8	9.0	8.9	6.2	6.5
International Equity Benchmark				5.1	12.3	32.4	17.3	7.9	8.4	5.6	5.7
Excess				1.0	0.9	-1.3	0.4	1.1	0.5	0.6	0.7
Global Equity	0.8	0.8	0.0	-0.7	5.0	16.8	16.7	4.7			
MSCI AC World Index (Net)				3.3	11.2	22.3	20.7	11.2			
Excess				-4.0	-6.2	-5.5	-3.9	-6.4			

Note:

Prior to 6/30/16 the returns of Domestic and International Equity were not reported as a Total Public Equity return. For additional information regarding historical asset class performance and benchmarks, please refer to the Combined Funds Performance Report.

Combined Funds Asset Class Performance Summary

Total Fixed Income

The Combined Funds Fixed Income program includes Core/Core Plus, Return Seeking Fixed Income, Treasuries and Laddered Bond + Cash.

The Total Fixed Income benchmark is 40% Bloomberg U.S. Aggregate Index/ 40% Bloomberg Treasury 5+ Years Index/ 20% ICE BofA US 3-Month Treasury Bill.

	Market Value	Actual Weight	Policy Weight	Last Qtr	FYTD	1 Year	3 Year	5 Year	10 Year	20 Year	30 Year
Total Fixed Income	$27.6	25.7%	25.0%	1.1%	3.2%	7.3%	4.9%	-0.4%	2.7%	3.7%	4.7%
Total Fixed Income Benchmark				0.9%	2.7%	6.6%	3.9%	-1.0%	2.1%	3.3%	4.2%
Excess				0.2%	0.5%	0.7%	1.1%	0.6%	0.6%	0.5%	0.4%
Core/Core Plus	$6.3	5.9%	5.0	1.2%	3.7%	8.1%	5.6%	0.0%	2.7%	3.7%	4.7%
Core Bonds Benchmark				1.1%	3.2%	7.3%	4.7%	-0.4%	2.0%	3.3%	4.2%
Excess				0.1%	0.6%	0.8%	1.0%	0.4%	0.7%	0.5%	0.4%
Return Seeking Fixed Income	$5.1	4.8%	5.0	1.9%	4.5%	9.6%	8.1%	2.5%			
Bloomberg U.S. Aggregate				1.1%	3.2%	7.3%	4.7%	-0.4%			
Excess				0.8%	1.4%	2.3%	3.5%	2.8%			
Treasury Protection	$10.3	9.5%	10.0	0.6%	2.6%	7.1%	2.7%	-3.7%			
Bloomberg Treasury 5+ Year				0.6%	2.6%	7.0%	2.5%	-3.8%			
Excess				0.0%	0.0%	0.2%	0.3%	0.1%			
Laddered Bond + Cash	$5.9	5.5%	5.0	1.0%	2.2%	4.5%	5.0%	3.2%	2.2%	1.9%	2.9%
ICE BofA US 3-Month Treasury Bill				1.0%	2.1%	4.2%	4.8%	3.2%	2.2%	1.7%	2.4%
Excess				0.1%	0.2%	0.3%	0.2%	0.1%	0.1%	0.2%	0.5%

Note:

Since 12/1/2020 the Total Fixed Income includes allocations to Core/Core Plus Bonds, Return Seeking Bonds, Treasuries and Laddered Bond + Cash. From 7/1/2020 to 11/30/2020 Total Fixed Income was Core Bonds, Treasuries and Cash. From 2/1/2018-6/30/20 Total Fixed Income was Core Bonds and Treasuries. Prior to 2/1/2018, Total Fixed Income was Core Bonds. For additional information regarding historical asset class performance and benchmarks, please refer to the Combined Funds Performance Report.

Combined Funds Asset Class Performance Summary

Private Markets

	Last Qtr	FYTD	1 Year	3 Year	5 Year	10 Year	20 Year	25 Year	30 Year
Private Markets - Invested	1.8%	3.9%	6.2%	7.3%	12.5%	11.8%	11.5%	11.6%	13.2%
Private Markets -Uninvested (1)	2.3%	5.7%	7.7%	6.2%	4.9%				
Private Equity	2.2%	4.6%	8.0%	9.6%	13.8%	14.9%	13.7%	12.6%	15.2%
Private Credit	1.6%	3.0%	4.8%	7.0%	11.9%	11.3%	11.8%	11.4%	
Resources	1.1%	4.3%	2.6%	2.0%	10.5%	3.5%	7.3%	11.4%	12.3%
Real Estate	-0.2%	-0.5%	-2.8%	-4.2%	6.4%	7.5%	7.4%	8.0%	9.0%

Private Markets

The time-weighted rates of return for the Private Markets portfolio are shown here. Private Markets included Private Equity, Private Credit, Resources, and Real Estate. Some of the existing investments are relatively immature and returns may not be indicative of future results.

Private Equity Investments - The objectives of the Private Equity portfolio, which may include leveraged buyouts, growth equity, venture capital and special situations, are to achieve attractive returns and to provide overall portfolio diversification to the total plan.

Private Credit Investments - The objectives of the Private Credit portfolio, which may include mezzanine debt, direct lending, and other forms of non-investment grade fixed income instruments, are to achieve a high total return over a full market cycle and to provide some degree of downside protection and typically provide current income in the form of a coupon. In certain situations, investments in the Private Credit portfolio also provide an equity component of return in the form of warrants or re-organized equity.

Resource Investments - The objectives of the Resources portfolio, which may include energy, infrastructure, and other hard assets, are to provide protection against the risks associated with inflation and to provide overall portfolio diversification to the total plan.

Real Estate Investments - The objectives of the Real Estate portfolio, which may include core and non-core real estate investments, are to achieve attractive returns, preserve capital, provide protection against risks associated with inflation, and provide overall portfolio diversification to the total plan.

The SBI also monitors Private Markets performance using money-weighted return metrics such as Internal Rate of Return and Multiple of Invested Capital. For money-weighted return metrics please refer to the Combined Funds Performance Report.

(1) As of 07/11/2025, the Uninvested Private Markets portfolio is invested in an equitization strategy which invests in equity derivatives, ETFs, and cash. From 11/01/2022-7/10/2025 the portfolio allocation was invested in cash. Prior to 11/01/2022, the portfolio was invested in a combination of a passively managed S&P 500 Index strategy and a cash overlay strategy invested in equity derivatives and cash.

Source: State Street Bank

SBI Combined Funds Strategic Allocation Category Framework

	12/31/2025 ($ millions)	12/31/2025 Weights	Category Range	
Growth - Appreciation				
Public Equity	$ 56,899.0	52.9%		
Private Equity	$ 16,074.5	14.9%		
Non-Core Real Assets	$ 3,824.1	3.6%		
	$ 76,797.7	**71.4%**	*50%*	*75%*
Growth - Income-oriented				
Core Fixed Income	$ 6,343.3	5.9%		
Private Credit	$ 1,816.5	1.7%		
Return-Seeking Fixed Income	$ 5,124.4	4.8%		
	$ 13,284.4	**12.3%**	*15%*	*30%*
Real Assets				
Core Real Estate		0.0%		
Real Assets	$ 396.3	0.4%		
	$ 396.3	**0.4%**	*0%*	*10%*
Inflation Protection				
TIPS		0.0%		
Commodities		0.0%		
		0.0%	*0%*	*10%*
Protection				
U.S. Treasuries	$ 10,269.0	9.5%		
	$ 10,269.0	**9.5%**	*5%*	*20%*
Liquidity				
Cash	$ 6,838.7	6.4%		
	$ 6,838.7	**6.4%**	*0%*	*5%*
Opportunity				
Opportunity		**0.0%**		
		0.0%	*0%*	*10%*
Total	**$ 107,586.3**	**100%**		
Illiquid Asset Exposure	**$ 22,111.6**	**20.6%**	*0%*	*32%*

Volatility Equivalent Benchmark Comparison

	As of December 31, 2025							
	1-year	*3-year*	*5-year*	*10-year*	*15-year*	*20-year*	*25-year*	*30-year*
SBI Combined Funds Return	**14.2%**	**13.4%**	**8.7%**	**9.9%**	**9.5%**	**8.3%**	**7.6%**	**8.5%**
Volatility Equivalent Benchmark Return			**3.9%**	**7.3%**	**6.6%**	**6.3%**	**6.0%**	**6.7%**
Value Added			**4.8%**	**2.6%**	**2.8%**	**2.1%**	**1.6%**	**1.8%**
Standard Deviation: Benchmark = Combined Funds			**8.4%**	**8.9%**	**8.5%**	**9.4%**	**9.4%**	**9.6%**
Benchmark Stock Weight			**37%**	**53%**	**55%**	**56%**	**58%**	**60%**
Benchmark Bond Weight			**64%**	**47%**	**45%**	**44%**	**42%**	**40%**

The Volatility Equivalent Benchmark stock and bond weights are adjusted to equal the standard deviation of the SBI Combined Funds portfolio. Then a return is calculated. The bond return used is the Bloomberg U.S. Aggregate. The stock return used is the MSCI AC World Net Return Index. Prior to 12/31/98 it was the MSCI ACWI Total Return Index and pre-11/1/1993 it was the Wilshire 5000 adjusted for various SBI divestment mandates.

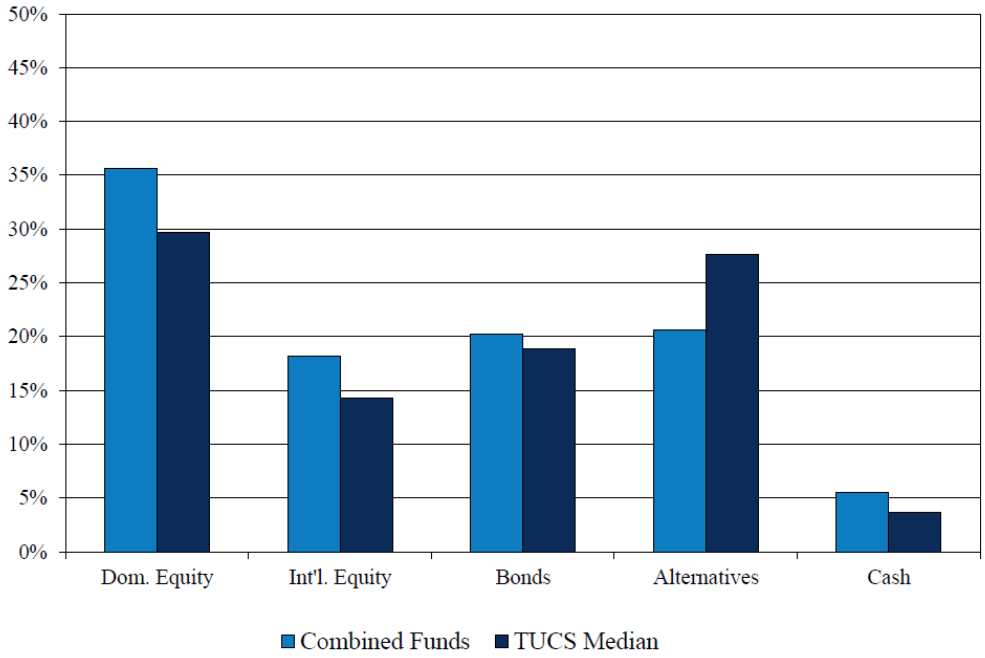
Combined Funds Summary

Asset Mix Compared to Other Pension Funds

The comparison universe used by the SBI is the Trust Universe Comparison Service (TUCS). Only funds with assets over **$20 billion** are included in the comparisons shown in this section.

Comparisons of the Combined Funds' asset mix to the median allocation to stocks, bonds and other assets of the public funds in TUCS over **$20 billion** are shown below:

	(Millions)	Actual Mix
Public Equity	$56,893	52.9%
Total Fixed Income	$27,614	25.7%
Private Markets - Total	$23,079	21.5%
Private Markets - Invested	$22,165	20.6%
Private Markets - Uninvested	$914	0.8%
TOTAL	**$107,586**	**100.0%**



	Domestic Equity	International Equity	Bonds	Alternatives	Cash
Combined Funds	35.6%	18.1%	20.2%	20.2%	5.5%
Median in TUCS	29.7%	14.3%	14.3%	18.9%	3.6%

Universe allocation may not total to 100% due to different exposure methods.

Combined Funds Summary

Performance Compared to Other Pension Funds

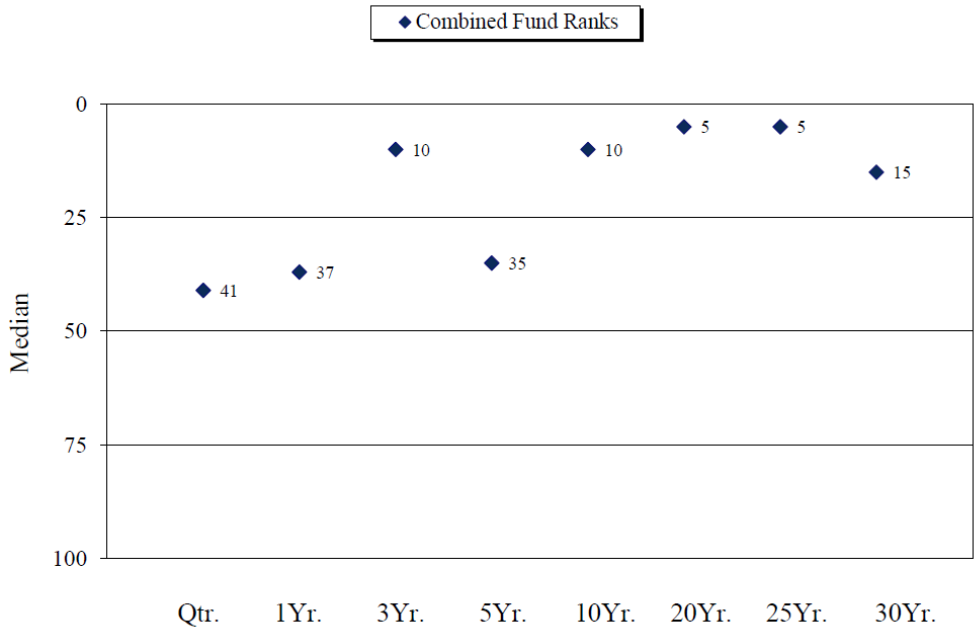
While the SBI is concerned with how its returns compare to other pension investors, universe comparisons should be used with great care. There are several reasons why such comparisons will provide an "apples to oranges" look at performance:

- Differing Allocations. Asset allocation will have a dominant effect on return. The allocation to stocks among the funds in TUCS typically ranges from 20-90%, a very wide range for meaningful comparison. This further distorts comparisons among funds.

- Differing Goals/Liabilities. Each pension fund structures its portfolio to meet its own liabilities and risk tolerance. This will result in different asset mix choices. Since asset mix will largely determine investment results, a universe ranking is not relevant to a discussion of how well a plan sponsor is meeting its long-term liabilities.

With these considerations in mind, the performance of the Combined Funds compared to other public pension funds in Trust Universe Comparison Service (TUCS) are shown below.

The SBI's returns are ranked against public plans with over **$20 billion** in assets. All funds in TUCS report their returns gross of fees.



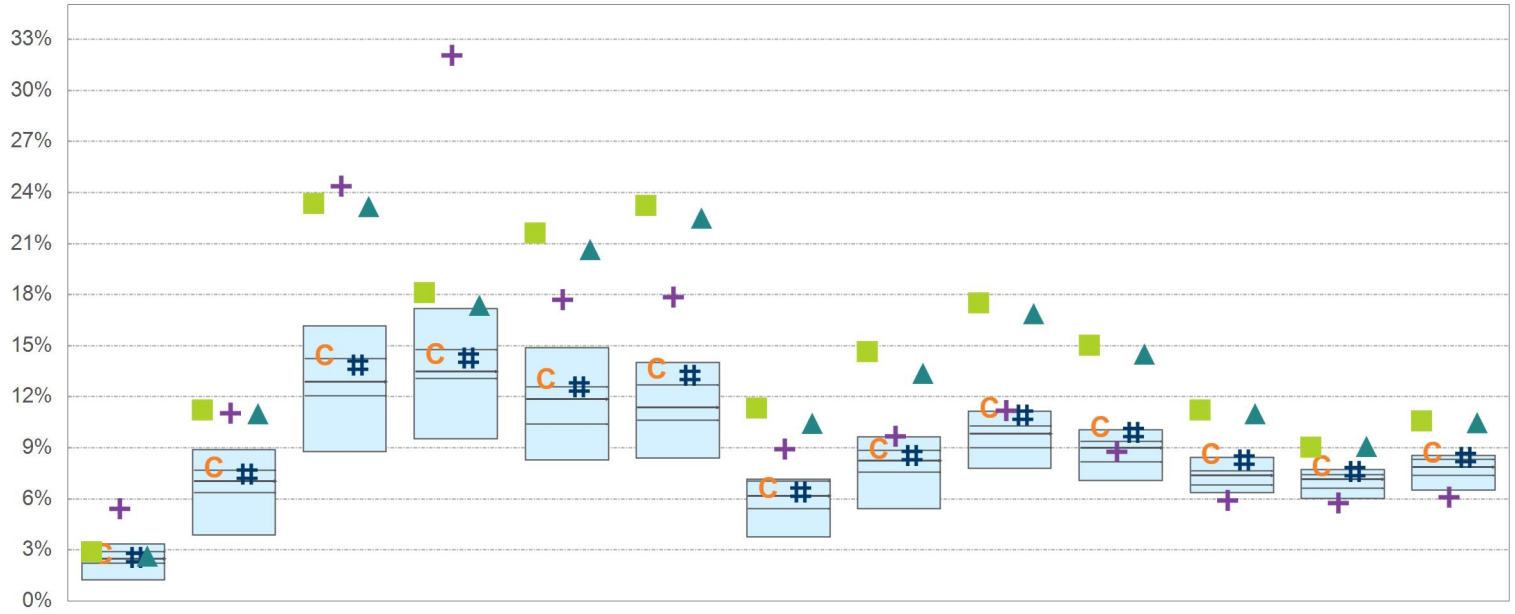
Periods Ended 12/31/2025

	Qtr	1 Yr	3 Yrs	5 Yrs	10 Yrs	20 Yrs	25 Yrs	30 Yrs
Combined Funds	41st	37th	10th	35th	10th	5th	5th	15th
Percentile Rank in TUCS								

Minnesota State Board of Investments
Performance Comparison

Total Returns of Master Trusts - Public : Plans > $20 Billion

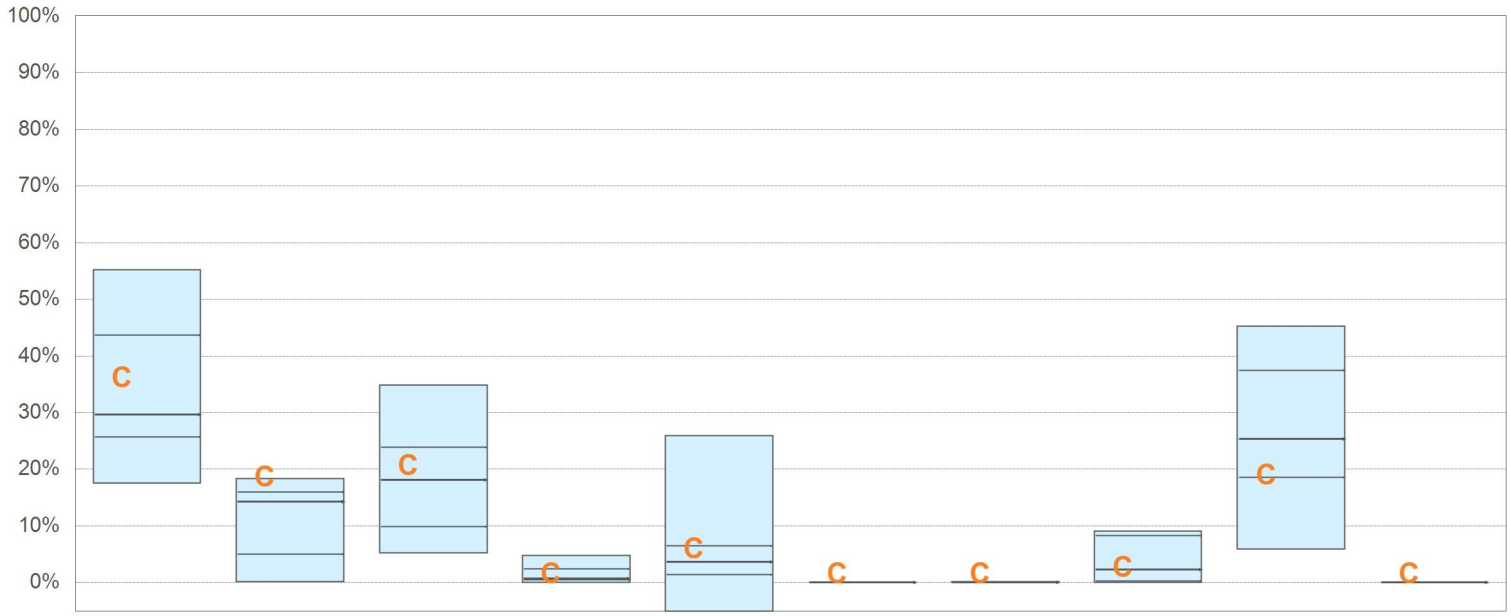
Cumulative Periods Ending : December 31, 2025



Percentile Rankings	1 Qtr	2 Qtrs	3 Qtrs	1 Year	2 Years	3 Years	4 Years	5 Years	7 Years	10 Years	20 Years	25 Years	30 Years
5th	3.34	8.88	16.18	17.19	14.88	14.00	7.16	9.66	11.15	10.07	8.45	7.73	8.54
25th	2.91	7.69	14.23	14.75	12.60	12.69	7.06	8.86	10.27	9.38	7.63	7.44	8.31
50th	2.47	7.04	12.88	13.50	11.86	11.37	6.19	8.26	9.85	9.00	7.37	7.15	7.88
75th	2.23	6.36	12.06	13.07	10.41	10.62	5.41	7.58	9.02	8.17	6.83	6.62	7.37
95th	1.26	3.89	8.77	9.53	8.28	8.40	3.76	5.42	7.79	7.07	6.35	6.02	6.51
No. Of Obs	**24**	**23**	**23**	**23**	**23**	**23**	**23**	**22**	**21**	**21**	**18**	**18**	**16**
C Combined Funds	2.57 (41)	7.63 (29)	14.23 (25)	14.31 (37)	12.85 (20)	13.46 (10)	6.46 (33)	8.74 (35)	11.15 (5)	10.03 (10)	8.45 (5)	7.73 (5)	8.52 (15)
# SBI Combined Funds Ind	2.32 (62)	7.23 (37)	13.62 (37)	14.07 (37)	12.35 (29)	13.03 (15)	6.16 (50)	8.34 (40)	10.69 (15)	9.68 (10)	8.08 (5)	7.38 (25)	8.21 (43)
S&P 500	2.66 (29)	11.00 (1)	23.14 (1)	17.88 (1)	21.40 (1)	23.01 (1)	11.11 (1)	14.42 (1)	17.29 (1)	14.82 (1)	11.00 (1)	8.83 (1)	10.36 (1)
Russell 3000	2.40 (58)	10.78 (1)	22.95 (1)	17.15 (5)	20.43 (1)	22.25 (1)	10.22 (1)	13.15 (1)	16.64 (1)	14.28 (1)	10.77 (1)	8.86 (1)	10.24 (1)
+ MSCI Wld Ex US (Net)	5.20 (1)	10.81 (1)	24.15 (1)	31.85 (1)	17.49 (1)	17.64 (1)	8.69 (1)	9.46 (5)	10.96 (5)	8.55 (60)	5.69 (99)	5.54 (99)	5.87 (100)

Wilshire Trust Universe Comparison Service® (TUCS®)

Minnesota State Board of Investments
Asset Allocation of Master Trusts - Public : Plans > $20 Billion
Quarter Ending December 31, 2025



Percentile Rankings	US Equity	Non-US Equity	US Fixed	Non-US Fixed	Cash	Convertible	GIC GAC	Real Estate	Alternative Investments	Other
5th	55.18	18.32	34.81	4.79	25.94	0.07	0.12	9.03	45.26	0.05
25th	43.73	15.97	23.92	2.43	6.51	0.01	0.00	8.32	37.47	0.04
50th	29.68	14.31	18.17	0.71	3.61	0.00	0.00	2.33	25.34	0.00
75th	25.73	4.95	9.88	0.42	1.43	0.00	0.00	0.27	18.54	0.00
95th	17.52	0.09	5.19	0.00	-5.07	0.00	0.00	0.00	5.92	0.00
C Combined Funds	35.59 (35)	18.14 (12)	20.20 (35)	0.00 (100)	5.46 (35)	0.00 (100)	0.00 (100)	2.12 (56)	18.48 (81)	0.00 (100)

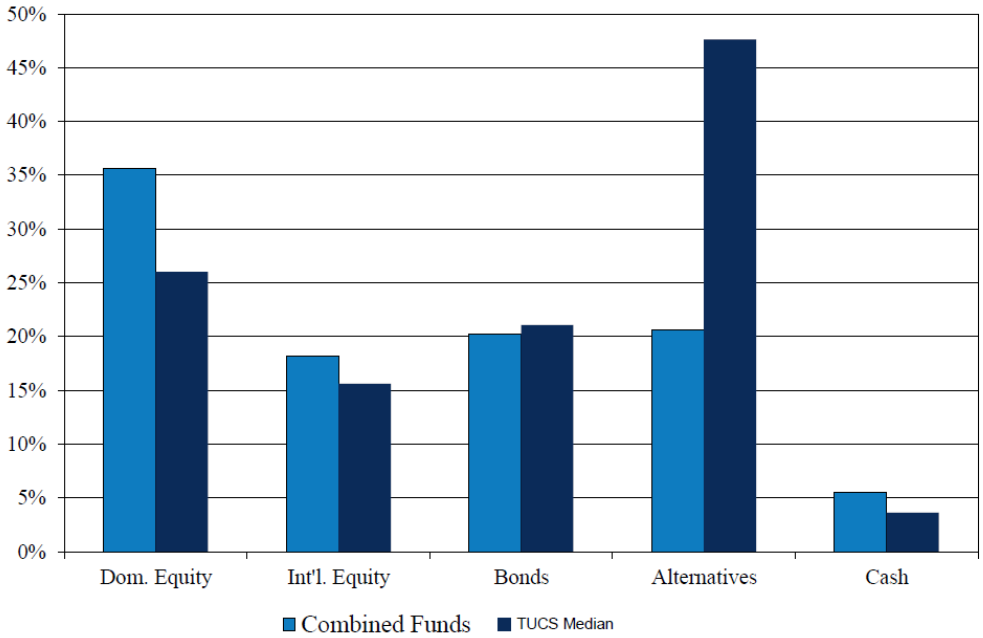
Combined Funds Summary

Asset Mix Compared to Other Pension Funds

The comparison universe used by the SBI is the Trust Universe Comparison Service (TUCS). Only funds with assets over **$50 billion** are included in the comparisons shown in this section.

Comparisons of the Combined Funds' asset mix to the median allocation to stocks, bonds and other assets of the public funds in TUCS over **$50 billion** are shown below:

	(Millions)	Actual Mix
Public Equity	$56,893	52.9%
Total Fixed Income	$27,614	25.7%
Private Markets - Total	$23,079	21.5%
Private Markets - Invested	$22,165	20.6%
Private Markets - Uninvested	$914	0.8%
TOTAL	**$107,586**	**100.0%**



	Domestic Equity	International Equity	Bonds	Alternatives	Cash
Combined Funds	36.1%	18.1%	20.2%	20.6%	5.5%
Median in TUCS	26.0%	15.6%	21.1%	47.6%	3.6%

Universe allocation may not total to 100% due to different exposure methods.

Combined Funds Summary

Performance Compared to Other Pension Funds

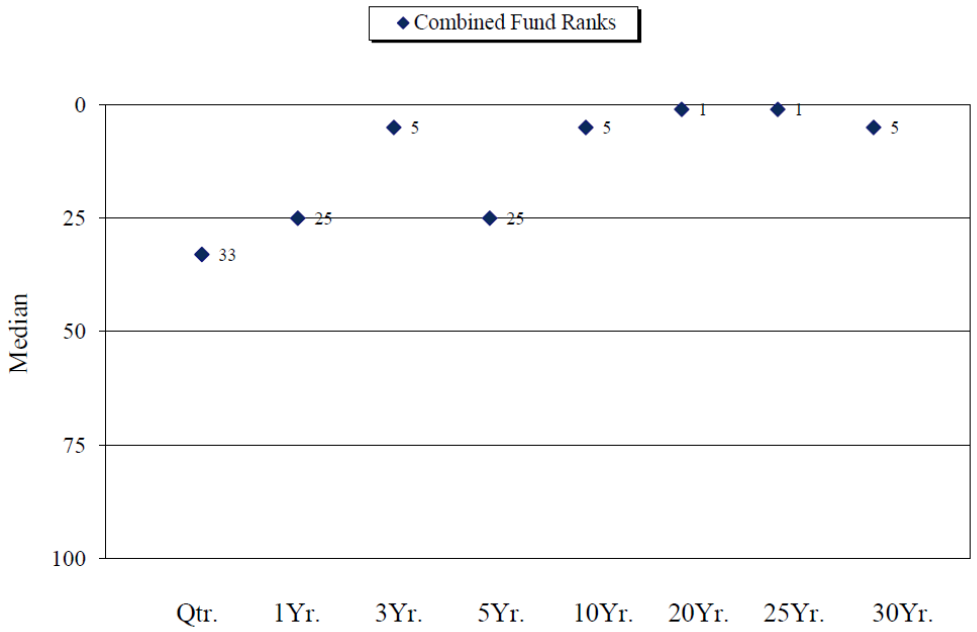
While the SBI is concerned with how its returns compare to other pension investors, universe comparisons should be used with great care. There are several reasons why such comparisons will provide an "apples to oranges" look at performance:

- Differing Allocations. Asset allocation will have a dominant effect on return. The allocation to stocks among the funds in TUCS typically ranges from 20-90%, a very wide range for meaningful comparison. This further distorts comparisons among funds.

- Differing Goals/Liabilities. Each pension fund structures its portfolio to meet its own liabilities and risk tolerance. This will result in different asset mix choices. Since asset mix will largely determine investment results, a universe ranking is not relevant to a discussion of how well a plan sponsor is meeting its long-term liabilities.

With these considerations in mind, the performance of the Combined Funds compared to other public pension funds in Trust Universe Comparison Service (TUCS) are shown below.

The SBI's returns are ranked against public plans with over **$50 billion** in assets. All funds in TUCS report their returns gross of fees.



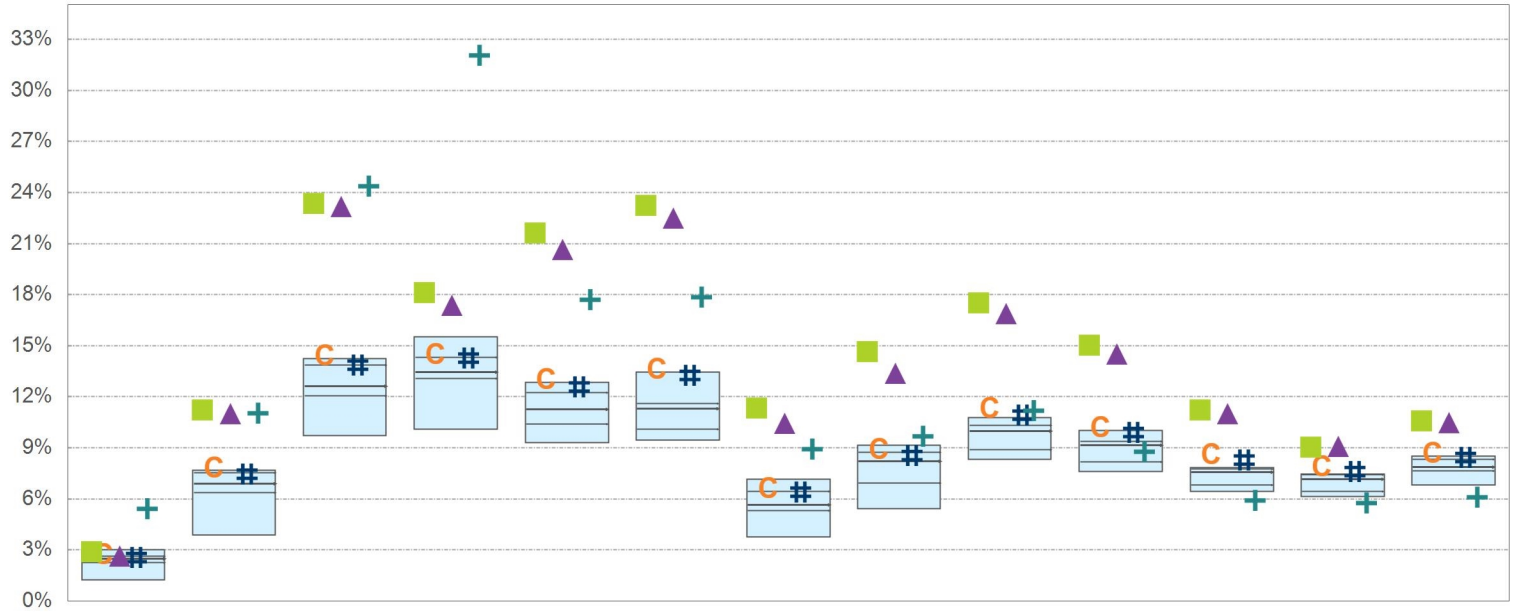
Periods Ended 12/31/2025

	Qtr	1 Yr	3 Yrs	5 Yrs	10 Yrs	20 Yrs	25 Yrs	30 Yrs
Combined Funds Percentile Rank in TUCS	33rd	25th	5th	25th	5th	1st	1st	5th

Minnesota State Board of Investments
Performance Comparison

Total Returns of Master Trusts - Public : Plans > $50 Billion

Cumulative Periods Ending : December 31, 2025



Percentile Rankings	1 Qtr	2 Qtrs	3 Qtrs	1 Year	2 Years	3 Years	4 Years	5 Years	7 Years	10 Years	20 Years	25 Years	30 Years
5th	3.03	7.69	14.23	15.51	12.85	13.46	7.15	9.16	10.78	10.03	7.83	7.46	8.52
25th	2.65	7.54	13.85	14.31	12.25	11.61	6.46	8.74	10.34	9.38	7.75	7.44	8.31
50th	2.47	6.91	12.63	13.45	11.27	11.32	5.65	8.21	9.99	9.17	7.57	7.15	7.88
75th	2.26	6.36	12.06	13.07	10.40	10.08	5.33	6.95	8.89	8.16	6.83	6.43	7.63
95th	1.26	3.89	9.73	10.11	9.31	9.44	3.76	5.42	8.34	7.61	6.46	6.14	6.82
No. Of Obs	13	13	13	13	13	13	13	13	13	13	12	12	11
C Combined Funds	2.57 (33)	7.63 (15)	14.23 (5)	14.31 (25)	12.85 (5)	13.46 (5)	6.46 (25)	8.74 (25)	11.15 (1)	10.03 (5)	8.45 (1)	7.73 (1)	8.52 (5)
# SBI Combined Funds Ind	2.32 (66)	7.23 (25)	13.62 (25)	14.07 (25)	12.35 (5)	13.03 (5)	6.16 (25)	8.34 (33)	10.69 (15)	9.68 (5)	8.08 (1)	7.38 (25)	8.21 (41)
S&P 500	2.66 (15)	11.00 (1)	23.14 (1)	17.88 (1)	21.40 (1)	23.01 (1)	11.11 (1)	14.42 (1)	17.29 (1)	14.82 (1)	11.00 (1)	8.83 (1)	10.36 (1)
+ MSCI Wld Ex US (Net)	5.20 (1)	10.81 (1)	24.15 (1)	31.85 (1)	17.49 (1)	17.64 (1)	8.69 (1)	9.46 (1)	10.96 (1)	8.55 (58)	5.69 (99)	5.54 (99)	5.87 (100)
▲ Russell 3000	2.40 (58)	10.78 (1)	22.95 (1)	17.15 (1)	20.43 (1)	22.25 (1)	10.22 (1)	13.15 (1)	16.64 (1)	14.28 (1)	10.77 (1)	8.86 (1)	10.24 (1)

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Minnesota State Board of Investments
Asset Allocation of Master Trusts - Public : Plans > $50 Billion
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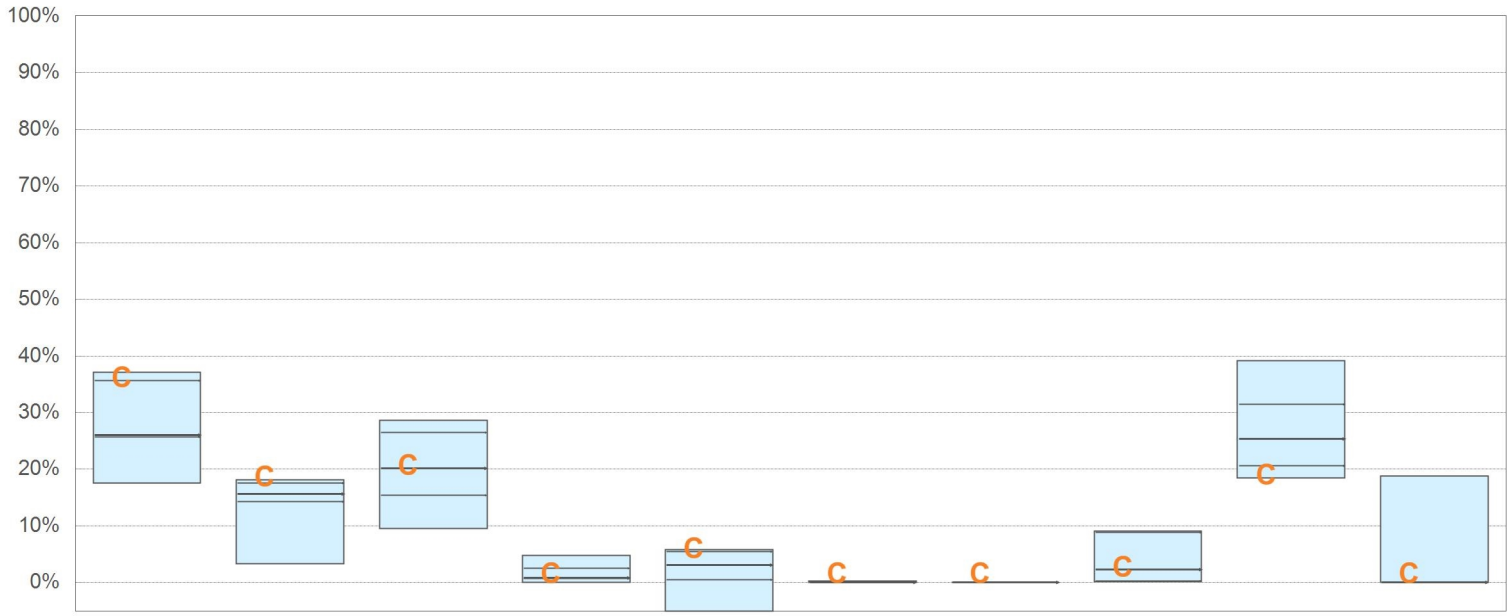

Percentile Rankings	US Equity	Non-US Equity	US Fixed	Non-US Fixed	Cash	Convertible	GIC GAC	Real Estate	Alternative Investments	Other
5th	37.16	18.14	28.60	4.79	5.76	0.20	-	9.03	39.19	18.74
25th	35.59	17.54	26.52	2.51	5.46	0.01	-	8.82	31.49	0.05
50th	26.03	15.61	20.20	0.86	3.11	0.00	-	2.33	25.34	0.02
75th	25.73	14.31	15.37	0.71	0.46	0.00	-	0.27	20.63	0.00
95th	17.52	3.26	9.51	0.07	-5.07	0.00	-	0.09	18.48	0.00
C Combined Funds	35.59 (25)	18.14 (5)	20.20 (50)	0.00 (100)	5.46 (25)	0.00 (100)	0.00 (1)	2.12 (62)	18.48 (99)	0.00 (100)

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TAB B

Executive Director's Administrative Report

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DATE: February 17, 2026

TO: Members, State Board of Investment

FROM: Jill E. Schurtz
Executive Director and Chief Investment Officer

1. Report on SBI's Administrative Budget

A report on the SBI's administrative budget for the fiscal year to date through December 31, 2025, is included as **Attachment A**.

2. FY25 Audit Report

The Office of the Legislative Auditor (OLA) issued a letter dated January 13, 2026 reflecting the results of the financial audit of the State Board of Investment for Fiscal Year 2025, which is included in **Attachment B**. The OLA issued an unqualified (clean) opinion, with no written findings or recommendations

3. FY25 Annual Report

The Fiscal Year 2025 Annual Report will be distributed in the first quarter of 2026.

4. Meeting Dates for Calendar 2026.

IAC	SBI
Tuesday, February 24, 2026	TBD
Wednesday, May 27, 2026	Wednesday, June 3, 2026
Thursday, September 10, 2026	Tuesday, September 22, 2026
Wednesday, December 2, 2026	TBD

5. Russia/Belarus Update

Each quarter, staff provides a report to the Board on steps taken to implement *Minnesota Statutes*, section 11A.245 that requires SBI actions concerning companies with operations in Russia and Belarus.

During the 2022 legislative session, the Minnesota Legislature passed a bill requiring the SBI to liquidate its holdings in companies with their principal place of business in Russia or Belarus. The bill was signed into law and became effective on April 2, 2022. The statute prohibits any new investment in target companies and requires the SBI to identify and

liquidate, to the extent practicable, 50% of its direct holdings in target companies within nine months of the effective date; and 100% of its holdings within 15 months of the effective date. SBI utilizes information from data service providers, including MSCI, Factset, and Bloomberg, to develop a list of target companies with their principal place of business in Russia or Belarus. Staff receives monthly reports from the SBI's custodian bank concerning SBI holdings of companies on the restricted list.

In the fourth calendar quarter of 2025, no Russian holdings were sold. As of December 31, 2025, eight Russian holdings and currency remained on the divestment list. The liquidation manager indicated that, except for sporadic trading in foreign-listed depository receipts, the market for equity trading remained effectively closed to foreign investors during the quarter due to sanctions imposed by the United States and its allies as well as retaliatory actions taken by the Russian government to restrict foreign capital flows. Due to these sanctions and actions, it was not possible to liquidate 100% of the holdings within 15 months of the effective date. Going forward, the liquidation manager will sell as opportunities allow.

On December 23, 2025, staff sent a letter to each applicable external manager containing the most recent restricted list.

6. Iran Update

Each quarter, staff provides a report to the Board on steps taken to implement *Minnesota Statutes*, section 11A.244, which requires certain SBI actions concerning companies with operations in Iran.

SBI receives information on companies with Iran operations from Institutional Shareholder Services, Inc. (ISS). Staff receives monthly reports from the SBI's custodian bank concerning SBI holdings of companies on the restricted list and undertakes the required communication.

Under the statute, if after 90 days following the SBI's communication, a company continues to have scrutinized business operations, the SBI must divest all publicly traded securities of the company according to the following schedule:

- at least 50% shall be sold within nine months after the company appeared on the scrutinized list; and

- 100% within fifteen months after the company appeared on the scrutinized list.

At the end of the fourth quarter, the SBI Combined Funds portfolio held no companies with operations in Iran.

On December 23, 2025, staff sent a letter to each applicable external manager containing the most recent restricted list.

7. Thermal Coal Update

The Minnesota State Board of Investment approved a resolution at its May 2020 meeting requiring the removal of any publicly traded company deriving more than 25% of its revenue from thermal coal production (exploration/mining). The SBI has contracted with Institutional Shareholder Services, Inc. (ISS) to identify companies that meet the criteria set forth in the resolution.

The resolution required removal of companies initially identified in a prudent and expeditious manner by December 31, 2020. Beginning with the Board's regularly scheduled third quarter 2020 meeting and continuing each quarter thereafter, staff reports to the Board on updates and the status of any action authorized by this resolution.

For the quarter ending December 31, 2025, the MSBI portfolio held no thermal coal-connected assets.

On December 23, 2025, staff sent a letter to each applicable external manager containing the most recent restricted list.

8. Litigation Update

SBI legal counsel will give a verbal update on the status of any litigation at the meeting.

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ATTACHMENT A

STATE BOARD OF INVESTMENT
FISCAL YEAR 2026 ADMINISTRATIVE BUDGET REPORT
FISCAL YEAR TO DATE THROUGH DECEMBER 31, 2025

ITEM	FISCAL YEAR 2026 BUDGET	FISCAL YEAR 2026 12/31/2025
PERSONNEL SERVICES		
FULL TIME EMPLOYEES	$ 12,669,000	$ 5,871,217
PART TIME EMPLOYEES	60,000	26,439
MISCELLANEOUS PAYROLL	200,000	0
SUBTOTAL	**$ 12,929,000**	**$ 5,897,656**
STATE OPERATIONS		
RENTS & LEASES	$ 484,269	$ 234,587
REPAIRS/ALTERATIONS/MAINTENANCE	156,891	94,400
PRINTING & BINDING	2,000	469
PROFESSIONAL/TECHNICAL SERVICES/IT PROF	437,000	111,580
COMPUTER SYSTEMS SERVICES	912,091	256,210
COMMUNICATIONS	10,000	3,865
TRAVEL, IN-STATE	3,000	450
TRAVEL, OUT-STATE	225,000	83,083
SUPPLIES	50,000	20,135
EQUIPMENT	102,749	55,302
EMPLOYEE DEVELOPMENT	364,000	85,039
OTHER OPERATING COSTS	165,000	125,661
INDIRECT COSTS	525,000	251,465
SUBTOTAL	**$ 3,437,000**	**$ 1,322,246**
TOTAL ADMINISTRATIVE BUDGET	**$ 16,366,000**	**$ 7,219,902**

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ATTACHMENT B

OLA | OFFICE OF THE LEGISLATIVE AUDITOR

Judy Randall, Legislative Auditor
State of Minnesota

January 13, 2026

Jill Schurtz, Executive Director and Chief Investment Officer
Minnesota State Board of Investment
60 Empire Drive, Suite 355
Saint Paul, MN 55103
Sent via email: Jill.Schurtz@state.mn.us

Dear Executive Director Schurtz:

The Office of the Legislative Auditor has completed its audit of certain financial activities at the Minnesota State Board of Investment (SBI). This work supports our audit of the State of Minnesota's financial statements for the fiscal year ended June 30, 2025. The primary objective of the audit was to render an opinion on the State of Minnesota's financial statements, which is included in the A*nnual Comprehensive Financial Report*, prepared by Minnesota Management and Budget. The work in your department also supported our audit opinions on the financial statements of the three state retirement systems: Minnesota State Retirement System, Public Employees Retirement Association, and Teachers Retirement Association. This was not a comprehensive audit of the Minnesota State Board of Investment.

In planning and performing this audit, we considered SBI's internal control system to determine the appropriate audit procedures. We gained an understanding of, but did not test, SBI's internal controls. As part of this audit, we also reviewed certain investment-related financial activity presented in the financial statements and notes to the financial statements for the State of Minnesota and the three state retirement systems. This activity included, but was not limited to, investment balances, investment fees, and securities lending.

On December 18, 2025, we issued an unqualified (clean) opinion on the State of Minnesota's financial statements for the fiscal year ended June 30, 2025. Following that, we issued an unqualified (clean) opinion on the financial statements of each of the three state retirement systems. For the fiscal year ending June 30, 2025, we had no written findings or recommendations directed toward SBI.

We appreciate the cooperation and assistance provided by the staff and administration of SBI throughout our audit process.

Sincerely,

Lori Leysen, CPA
Deputy Legislative Auditor

cc: Members, Minnesota State Board of Investment
Paul Anderson, Director, Financial Services and Operations

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TAB C

Update on Asset Allocation Implementation

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DATE: February 17, 2026

TO: Members, Investment Advisory Council

FROM: SBI Staff

SUBJECT: Update on Asset Allocation Implementation

Staff will provide an update on the Asset Allocation Implementation project at the Investment Advisory Council meeting on February 24, 2026.

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REPORTS

- Public Markets Investment Program Report
- Other Retirement Funds, Savings Plans, and Non-Retirement Investment Program Report
- Summary of Private Markets Commitments and Cash Flows Report
- Aon Market Environment Report
- Meketa Capital Markets Outlook & Risk Metrics Report
- SBI Comprehensive Performance Report

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REPORT

Public Markets Investment Program

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DATE: February 17, 2026

TO: Members, Investment Advisory Council

FROM: SBI Staff

SUBJECT: SBI Public Markets Program Report

This report provides a brief review of financial markets and the performance of the Combined Funds portfolio for the quarter and 12-month periods ended December 31, 2025. Included in this section are a market commentary and performance summary for the overall Combined Funds portfolio, performance summaries for the portfolio's public markets managers, and a report of any organizational updates for the public markets managers in the SBI portfolio.

The report includes the following sections:

	Page
• Market Review and Combined Funds Performance	3
• Public Markets Managers' Performance	5
• Organizational Updates and Summary of Manager Meeting Activity	11

Important Notes:
All performance figures and market data presented in this report are unaudited and preliminary. Performance is presented net of investment management fees and the effect of any profit-sharing arrangements. Sources for market data: Bloomberg, Factset, MSCI, FTSE Russell, JPMorgan, and ICE BofA.

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Review of SBI Combined Funds Performance
Fourth Quarter 2025 (CY)

Market Summary

Global equity markets rose modestly in the fourth calendar quarter of 2025, with the MSCI All Country World (ACWI) Index of global stocks gaining +3.3% in U.S. dollar terms. Global stocks saw a continued broadening of leadership during the quarter, with performance rotating away from mega-cap technology stocks toward more cyclical and value-oriented sectors. International equities outperformed U.S. equities during the quarter, extending strong full-year performance for both developed and emerging markets. Regionally, strong gains in Europe and select Asian markets—particularly Korea and Taiwan—supported global indices, while Chinese equities lagged.

In the U.S., equities advanced +2.4%, as measured by the Russell 3000 Index, led by strong gains in health care (+11.6%) and communication services (+6.1%). In contrast to prior quarters, cyclical and value-oriented sectors—including financials, materials, and industrials—performed in line with or better than the technology sector.

Despite enduring the longest U.S. government shutdown on record (43 days), the economy appeared to remain resilient during the fourth quarter. Labor market indicators pointed to gradual cooling, with measures of hiring and wage growth moderating from earlier levels. Against this backdrop, the Federal Reserve lowered its policy rate by a cumulative 50 basis points, bringing the target range to 3.50%–3.75%, citing softer labor market conditions and moderating growth. Following three consecutive cuts, however, the December FOMC projections signaled a slower, more data-dependent approach to any further easing.

The U.S. dollar strengthened modestly relative to a trade-weighted basket of developed market currencies during the quarter, aided by a sharp decline in the Japanese yen. Gold advanced +11.2% during the quarter, while silver surged more than +52% as investors anticipated a narrowing of the price gap between the two metals. After reaching an all-time high above $125,000 early in the quarter, Bitcoin retraced those gains to end the quarter down -23.6%.

In the bond market, yields on shorter-maturity U.S. Treasuries declined following the Federal Reserve's 50 basis points of policy easing, while longer-term yields edged modestly higher. Persistent above-target inflation, ongoing concerns about the U.S. fiscal outlook, and shifting foreign demand dynamics kept upward pressure on long-end rates, resulting in a modest steepening of the yield curve. Credit spreads remained range-bound near multi-year tights. Against this backdrop, the Bloomberg U.S. Aggregate Bond Index returned +1.1% for the quarter. Globally, the Bloomberg Global Aggregate Bond Index gained just +0.2%, weighed down by a further rise in Japanese government bond yields and a depreciation of the Japanese yen.

See Page 1 for important notes regarding the performance and market data included in this report.

Overall Combined Funds Portfolio Performance – Quarter and Last 12 Months

The overall Combined Funds portfolio returned +2.6% during the **calendar fourth quarter**, outperforming the composite benchmark's return of +2.3%. During the quarter, the portfolio's modest overweight to equities and underweights to the longer-duration U.S. Treasury protection portfolio and private markets relative to the policy benchmark boosted relative performance. Within equities, an overweight to international stocks over domestic stocks was positive as non-U.S. stocks outperformed. Performance from active management was positive for the quarter, led by outperformance by the portfolio's active emerging markets equity, semi-passive large cap domestic equity and return-seeking fixed income managers. The portfolio's currency hedging program generated net gains during the quarter, primarily driven by a sharp depreciation in the Japanese yen. The private markets portfolio posted positive returns for the quarter but trailed public equity markets. The private markets invested portfolio gained +1.8% during the fourth quarter, led by the Private Equity allocation which returned +2.2%.

For the **one-year period ended December 31, 2025**, the portfolio posted a return of +14.2%, outperforming the composite benchmark's return of +14.1%. From an asset allocation perspective, the portfolio's overweight to equities and underweights to fixed income, cash, and private markets benefited relative performance over the past year. The portfolio also benefited from positive contributions from active management within the emerging market equity, semi-passive large cap domestic equity, return-seeking fixed income, and core/core plus fixed income segments of the portfolio. On the negative side, active management detracted from relative performance within the developed international equity, large cap growth, large cap value, and small cap equity segments. Within equities, an underweight to non-U.S. stocks and a modest overweight allocation to U.S. small-cap stocks both detracted. In addition, the portfolio's currency hedging program detracted from performance over the year, reflecting the broad depreciation of the U.S. dollar. Within fixed income, the portfolio's allocation to return-seeking managers was a strong positive contributor to performance over the one-year period as credit sensitive sectors outperformed the broader fixed income market. The portfolio's underweight exposure to the long-duration Treasury protection portfolio during the period also helped relative performance. The invested private markets portfolio returned +6.2% for the 12 months ended December 31, 2025, led by the Private Equity allocation which returned +8.0% for the one-year period. Net capital distributions from the private markets portfolio totaled over $2.2 billion during 2025, driven by strong exits (sales of underlying portfolio companies by fund GPs) within the Private Equity portfolio as well as consistent cashflow generation from the portfolio's credit and secondaries fund investments.

See Page 1 for important notes regarding the performance and market data included in this report.

Review of Public Markets Manager Performance
Fourth Quarter 2025 (CY)

Domestic Equity

Domestic equities capped a strong year with modest gains in the fourth quarter, as the Russell 3000 Index advanced +2.4% for the period. The quarter was characterized by a broadening of market leadership, with market gains extending beyond mega-cap technology stocks into more value-oriented and cyclical sectors. Overall, equity markets continued to be supported by resilient corporate earnings, sustained enthusiasm for artificial intelligence and related capital investment, and growing confidence that a gradual easing in monetary policy would help support economic growth.

Eight of the eleven GICS sectors within the Russell 3000 generated positive returns during the quarter. Healthcare names led the market higher with a gain of +11.6%, followed by communication services stocks at +6.0%. In contrast, performance within the real estate (-2.6%), utilities (-1.8%), and consumer staples (-0.7%) sectors lagged during the quarter.

The so-called "Magnificent Seven" mega-cap, technology-oriented stocks—which comprise more than 30% of the benchmark—outperformed the Russell 3000 Index (+3.6% versus +2.4%). However, consistent with the recent pattern of widening return dispersion amid intensifying competition within AI, performance among the Mag 7 was mixed during the quarter. Alphabet Inc. led the group with a +28.8% gain, while Apple Inc. (+6.8%) and Amazon.com Inc. (+5.1%) also advanced. In contrast, Meta Platforms Inc. (-10.2%) and Microsoft Corporation (-6.6%) underperformed, while NVIDIA Corporation was flat for the quarter.

Within large-cap equities, value stocks outperformed during the quarter, with the Russell 1000 Value Index returning +3.8% compared to +1.1% for the Russell 1000 Growth Index, after trailing growth for much of the year. While most sectors within the growth index declined, modest gains in technology (+1.2%)—which represents more than half of the index—and strong performance in healthcare (+16.4%) were sufficient to keep the index in positive territory overall. By contrast, a majority of sectors within the value index advanced, led by notable gains in technology (+13.4%) and healthcare (+8.1%), as previously out-of-favor, technology-related companies rebounded.

Small-cap equities closely tracked large-cap performance during the quarter, with the Russell 2000 Index returning +2.2% compared to +2.4% for the Russell 1000 Index. Within small caps, value once again outperformed growth by a similar margin (Russell 2000 Value +3.3% vs. Russell 2000 Growth +1.2%). Six of the eleven small-cap GICS sectors posted positive returns during the quarter. Consistent with large cap trends, healthcare (+18.3%) significantly outperformed other sectors and accounted for the majority of the index's overall gain.

The Combined Funds domestic equity portfolio matched its benchmark for the quarter (+2.4% Portfolio vs. +2.4% Benchmark). The portfolio's semi-passive and small-cap growth managers outperformed their respective benchmarks, while large-cap growth and small-cap value managers underperformed.

See Page 1 for important notes regarding the performance and market data included in this report.

Within the large-cap growth segment, manager underperformance was driven in part by weak stock selection in the consumer discretionary and technology sectors. In consumer discretionary, a significant overweight to underperforming entertainment and interactive media stocks weighed on relative results. Large-cap growth manager Sands (-5.7%) was negatively affected by unfavorable stock selection within the technology sector.

The portfolio's large-cap value managers returned +3.7% for the quarter, broadly in line with the Russell 1000 Value Index's +3.8% gain. Relative results were supported by strong stock selection in financials, while weaker selection in information technology detracted from performance. Quantitative deep-value manager LSV outperformed (+4.9%), driven by effective stock selection within the financial and healthcare sectors. In contrast, fundamental value manager Barrow Hanley underperformed (+2.8%), reflecting unfavorable stock selection in the technology sector.

The portfolio's semi-passive large-cap managers outperformed as a group, returning +3.2% compared to +2.4% for the Russell 1000 Index. Quantitative manager BlackRock led the segment with a +3.8% return, benefiting from effective positioning around prevailing macroeconomic themes and positive market sentiment.

Within the small-cap segment, the portfolio's small-cap growth managers collectively outperformed their benchmark over the quarter (+2.2% Managers vs. +1.2% Russell 2000 Growth Index). Hood River returned +5.6%, driven by strong stock selection in the information technology and financial sectors. Wellington also outperformed (+3.0%), supported by strong results in information technology and industrials. In contrast, Rice Hall James lagged (-2.7%) due to weaker stock selection within financial, information technology, and consumer discretionary names.

The portfolio's small-cap value managers underperformed during the quarter, returning +1.5% compared to +3.3% for the Russell 2000 Value Index. Relative weakness was concentrated in the biotechnology, pharmaceuticals, media, and metals and mining industries. Hotchkis & Wiley underperformed (-1.2%) due to stock selection and an overweight position within the healthcare sector, while positioning in the information technology sector also detracted. Peregrine underperformed (+0.6%), primarily due to stock selection within pharmaceuticals and a lower relative allocation to the healthcare sector, which was a leading contributor to index performance. Martingale outperformed (+3.7%) as the result of strong stock selection within the financial and industrial sectors.

The portfolio's passive domestic equity strategies performed in line with their respective benchmarks, posting a combined return of +2.4% during the quarter, matching the +2.4% return of the segment's benchmark.

Developed International Equity and Currency Overlay

International developed markets equities, as measured by the MSCI World ex USA Index (net), returned +5.2% in U.S. dollar terms during the quarter. In local currency terms, the Index gained +6.1%. While the U.S. dollar's performance was mixed versus most developed market currencies during the quarter, pronounced strength against the Japanese yen was sufficient to generate modest net currency translation losses for the Index overall from a U.S. investor's perspective.

See Page 1 for important notes regarding the performance and market data included in this report.

In U.S. dollar terms, 20 of the 22 developed equity markets within the MSCI World ex USA Index posted positive returns during the quarter. Canada, Switzerland, and the United Kingdom led performance, each delivering strong gains to close out 2025. In the U.K. (+7.2%), gains in the financial, healthcare, and materials sectors were the primary drivers of returns. Canada (+8.4%) benefited from higher commodity prices—particularly in precious metals—as well as continued strength in financial stocks. Switzerland (+10.1%) was supported by robust performance in the healthcare sector, with pharmaceuticals and biotechnology companies contributing meaningfully to quarterly gains.

The portfolio's active developed markets managers underperformed the MSCI World ex USA Index (net), delivering +4.1% compared to the benchmark's +5.2% return. Stock selection in the U.K. and France were the largest detractors for the quarter. Quality core manager J.P. Morgan (+2.8%) was negatively impacted by weak stock selection in Japan and France, while core manager Marathon (+2.8%) suffered from poor selection in the U.K. and Japan. Quality growth manager Columbia Threadneedle underperformed (+3.2%) due to poor selection in the U.K. and Germany, while quantitative manager Acadian outperformed (+6.3%) as its value and growth signals were additive to performance.

The U.S. dollar traded in a narrow range versus most major currencies during the quarter as markets digested two 25-bp policy rate cuts from the U.S. Federal Reserve and expectations for moderating U.S. economic growth. The primary exception was the Japanese yen, which declined after Prime Minister Sanae Takaichi's election victory, as investors anticipated expanded fiscal stimulus and the potential for increased volatility in Japan's bond market. Within the portfolio's hedging program, gains from dollar strength versus the Japanese yen more than offset losses against other developed market currencies, resulting in a +0.3% return benefit for the quarter relative to a fully unhedged developed markets equity portfolio. During the quarter, the program's aggregate hedge ratio rose from 21.7% to a peak of 43.6% in November, before declining to 20.0% at quarter-end.

Emerging Markets Equity

Emerging markets equities, as measured by the MSCI Emerging Markets Index (net), rose +4.7% in U.S. dollar terms during the quarter. In local currency terms, the Index rose +5.6%.

Of the 26 markets within the MSCI Emerging Markets Index, 20 generated positive returns for the quarter. The technology-heavy markets of Korea (+27.3%) and Taiwan (+9.3%) led performance, benefiting from continued strength in AI infrastructure-related companies. Overall index gains were tempered by weakness in China. Representing approximately 29% of the Index, China declined -7.4% in U.S. dollar terms during the quarter, as equities retraced a portion of their strong third-quarter advance. Ongoing concerns surrounding domestic consumption and continued stress in the real estate sector weighed on market sentiment.

The portfolio's active emerging markets managers significantly outperformed the MSCI Emerging Markets Index (net), returning +10.0% vs. the benchmark's +4.7% return. Strong stock selection within an overweight to Korea and strong selection within China were top contributors to manager outperformance for the quarter.

Growth manager Nomura (formerly Macquarie) outperformed (+21.3%) due to a large overweight to Korean technology names. Quality growth manager ClearBridge (formerly Martin Currie) also outperformed (+8.4%), supported by strong stock selection in Korea. Core manager Morgan Stanley (+7.7%) benefited from effective selection in Taiwan and an underweight to China. Growth manager Fidelity (+6.6%) added value through stock selection in China, Korea and South Africa, while deep value manager Pzena (+6.4%) benefited from strong selection in China and India. Earnest Partners' China A-share strategy outperformed the MSCI China A Index during the quarter (+3.8% Manager vs. +2.2% Benchmark).

The passive emerging markets portfolio performed in line with the MSCI Emerging Markets Index for the quarter, returning +4.6% compared to +4.7% for the benchmark.

Global Equity

The MSCI All Country World Index (ACWI) (net) returned +3.3% for the quarter. Sector results were broadly positive, led by healthcare and financials, while consumer discretionary and real estate were the only sectors to post declines. The U.S. market, which accounts for 64% of the Index, advanced +3.1%.

Asian markets produced mixed results during the quarter. China (-7.4%) was the largest detractor, while Taiwan (+10.4%), Korea (+27.3%), and Japan (+3.5%) ranked among the strongest contributors to overall index performance. European equities were broadly positive, led by the U.K. (+6.2%) and Switzerland (+9.9%). Smaller markets, including Spain (+13.0%) and Sweden (+10.1%), also closed the final quarter of 2025 with strong gains.

As a group, the portfolio's global equity managers trailed the MSCI ACWI Index (net) for the quarter (-0.7% Managers vs. +3.3% Benchmark). Poor selection within the U.S. and an overweight to China were significant detractors during the quarter. Growth manager Baillie Gifford (-6.1%) significantly underperformed during the quarter due to poor stock selection within communication services and consumer discretionary names.

Core/Core Plus and Return Seeking Bonds

The U.S. investment grade bond market, as measured by the Bloomberg U.S. Aggregate Bond Index, returned +1.1% during the quarter. Performance reflected a shifting policy rate backdrop, as the Federal Reserve implemented two 25-basis-point cuts—which lowered the federal funds target range to 3.50%–3.75% by December—while also signaling the likelihood of a more measured, data-dependent pace of easing ahead.

During the quarter, U.S. Treasury yields moved in opposite directions across the yield curve. Shorter-term yields declined in response to policy easing and softer employment data, while longer-term yields edged higher amid persistent above-target inflation readings, uncertainty surrounding potential tariff-related price pressures, and shifting foreign demand dynamics. As a result, the yield curve steepened modestly, with the two-year Treasury yield falling 13 basis points to 3.48% and the 10-year yield rising 2 basis points to 4.17% by quarter-end. By late December, Fed Funds futures reflected market expectations for only two additional rate cuts through 2026, suggesting policy was approaching the Federal Reserve's estimate of a neutral rate rather than the start of an extended easing cycle.

See Page 1 for important notes regarding the performance and market data included in this report.

Corporate credit delivered modest gains during the quarter. Intermediate maturities generally outperformed comparable U.S. Treasuries, while longer-dated corporates lagged amid upward pressure on long-term U.S. Treasury yields. Although spreads remained near historically tight levels, elevated issuance—particularly from large-cap technology and telecommunications issuers financing an AI-related infrastructure buildout—contributed to modest spread widening in those sectors as investors absorbed heavy supply and assessed the evolving credit risks associated with elevated capital spending. The Bloomberg U.S. Corporate Bond Index returned +0.8% for the quarter.

U.S. agency mortgage-backed securities (MBS) returned +1.7% for the quarter, supported by subdued rate volatility, improved market technicals, and increased retained agency MBS holdings by Fannie Mae and Freddie Mac, which helped underpin demand and valuations. Attractive spreads relative to investment-grade corporates also sustained investor interest in the sector. Securitized credit, as measured by the ICE BofA AA/BBB U.S. Fixed and Floating Rate ABS Index, gained +1.2%, in line with the broader fixed income market. Within structured credit, spreads tightened across collateralized loan obligations (CLOs) and non-agency commercial mortgage-backed securities (CMBS), with stronger performance in subordinated tranches. Consumer-oriented ABS, including marketplace lending and subprime auto loans, were modestly weaker during the quarter.

The ICE BofA U.S. Cash Pay High Yield Constrained Index gained +1.4% during the quarter, with the average spread staying unchanged at +276 basis points. Performance favored higher-quality issues, as BB- and B-rated bonds outpaced CCC-rated securities amid more selective risk-taking and increased investor scrutiny of lower-quality credits. Floating-rate bank loans, as measured by the S&P UBS Leveraged Loan Index, returned +1.2%. A modest rise in distressed names and an uptick in default activity weighed on lower-quality segments of the loan market during the quarter.

Emerging market debt benefited from broad risk-on sentiment, tighter sovereign spreads and strength across select EM currencies during the quarter. The J.P. Morgan Emerging Markets Bond Global Diversified Index returned +3.0% in U.S. dollar terms, while the J.P. Morgan GBI-EM Diversified Index of local-currency denominated EM sovereign debt advanced +3.3%. Within the local market index, strong local bond performance and strength in EM currencies against the U.S. dollar contributed to performance. During the quarter, EM sovereign spreads tightened modestly to multi-year lows, aided by improved fundamentals, strong market liquidity and investor demand for non-U.S. assets. Several country-specific developments contributed to EM Index performance during the quarter. Argentina's sovereign bonds rallied sharply after official support from the U.S. Treasury and multilateral engagement helped reduce default risk and open the door to renewed market access. In Venezuela, the removal of President Nicolás Maduro and heightened U.S. diplomatic and creditor engagement sparked renewed optimism around the potential restructuring of defaulted external debt, driving a significant rally in Venezuelan sovereign bonds as investors priced in a more constructive political and negotiating backdrop.

The portfolio's core/core plus bond managers returned +1.2% during the quarter, outperforming the Bloomberg U.S. Aggregate Bond Index of +1.1%. Relative performance benefited from an overweight to agency MBS and investment-grade industrial corporate bonds as well as an out-of-benchmark allocation to high yield corporate bonds.

See Page 1 for important notes regarding the performance and market data included in this report.

The portfolio's return-seeking bond managers returned +1.9% during the quarter, outperforming the portfolio's policy benchmark, the Bloomberg U.S. Aggregate Bond Index (+1.1%). The return-seeking managers also outperformed the weighted composite of their individual benchmarks (+1.6%). Relative performance was driven by an overweight allocation to emerging market debt—including Argentine sovereign bonds—as well as effective security selection within bank loans and high-yield credit.

Treasury Protection Portfolio

The Treasury Protection Portfolio returned +0.6% during the quarter, in line with the +0.6% gain of the Bloomberg U.S. Treasury 5+ Year Index. Managers' yield curve positioning—particularly an underweight to the longest maturities—supported relative results as the curve steepened and long-end rates moved higher. An out-of-benchmark allocation to U.S. agency securities modestly detracted from performance. While the sector offered a slight yield advantage over U.S. Treasuries, agency spreads widened in line with other high-quality credit during the quarter, resulting in modest underperformance.

Laddered Bonds + Cash Portfolio

The Laddered Bond Portfolio returned +1.1% for the quarter, modestly outperforming its benchmark, the ICE BofA U.S. 3-Month Treasury Bill Index, which gained +1.0%. Short-term yields moved lower as the U.S. Federal Reserve reduced its overnight policy rate by a cumulative 50 basis points. The Cash Portfolio returned +1.0%, modestly ahead of its benchmark, the iMoneyNet Money Fund Average (All Taxable), which gained +0.9%.

See Page 1 for important notes regarding the performance and market data included in this report.

Public Markets Managers' Organizational Updates
Fourth Quarter 2025

ClearBridge (formerly Martin Currie) (Emerging Markets Equity)
The organizational realignment of the Martin Currie business into ClearBridge Investments was completed on October 1, 2025.

Dodge & Cox (Fixed Income)
James Dignan, Vice President and member of Dodge and Cox's U.S. Fixed Income and Global Fixed Income Investment Committees, will depart the firm in June 2026 following 27 years of service. Nils Reuter, newly appointed Co-Head of the Structured Products Sector Committee will work alongside Mr. Dignan until his departure, while Lucy Johns and Jose Ursua will oversee the transition of Mr. Dignan's responsibilities related to the firm's Macro Committee.

Fidelity (Developed Markets Equity)
Aruna Karunathilake, Portfolio Manager, has stepped down from portfolio management responsibilities due to health reasons. Lead Portfolio Manager Sam Morse will become the sole portfolio manager of the European portfolio.

Goldman Sachs (Fixed Income and Domestic Equity)
Ashish Shah will retire as Chief Investment Officer and Co-Head of Public Investing effective March 2026. Gregory Calnon will assume leadership of the public investing platform, supported by the CIOs of the underlying equity and fixed income teams. Simon Dangoor, Head of Fixed Income Macro Investing, has expanded his responsibilities and now serves as Deputy CIO of Fixed Income and Head of Cross-Sector.

Hood River (Domestic Equity)
During the quarter, research analyst Rohan Kumar resigned from the firm, and Steven Smigie was hired as a research analyst.

Marathon (Developed Markets Equity)
Joe Diment, Chief Operating Officer, Co-Managing Director, departed Marathon at the end of 2025. His duties will be assumed by Charles Carter, Managing Director, until a replacement is appointed.

Nomura (formerly Macquarie) (Emerging Markets Equity)
Effective December 1, 2025, Nomura announced the successful completion of its acquisition of Macquarie's U.S. and European public asset management business.

Neuberger Berman (Fixed Income)
Thanos Bardas, Senior Portfolio Manager, Managing Director, announced his intention to retire from the firm in December 2026. His responsibilities on behalf of SBI's Core Plus and Treasury Protection strategies will transition throughout the year to other members of Neuberger's multisector fixed income portfolio management team.

Winslow (Domestic Equity)
As of January 5, 2026, Steven Berasi joined Winslow Capital's Investment Team as a Sector Portfolio Manager/Analyst covering technology names.

Q4 2025 Manager Meetings

During the quarter, staff met with the managers below. Although multiple meetings may have occurred with some managers, each manager or strategy is listed only once.

Investment Manager	Asset Class
Ashmore Investment Management Limited	Fixed Income
Baillie Gifford	Global Equity
BlackRock Financial Management, Inc.	Fixed Income
Fidelity	Emerging Markets Equity
Goldman Sachs Asset Management	Fixed Income
Hood River	Domestic Equity
Hotchkis & Wiley	Domestic Equity
JP Morgan	Developed Markets Equity
ClearBridge (formerly Martin Currie)	Emerging Markets Equity
Martingale	Domestic Equity
Neuberger Berman Investment Advisors	Fixed Income
Peregrine	Domestic Equity
Record Currency LLC	Currency Overlay
Sands	Domestic Equity
Wellington	Domestic Equity
Winslow	Domestic Equity

REPORT

Other Retirement Funds, Savings Plans, and Non-Retirement Investment Program Report

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DATE: February 17, 2026

TO: Members, Investment Advisory Council

FROM: SBI Staff

SUBJECT: Other Retirement Funds, Tax-Advantaged Savings Plans, State-Sponsored Savings Plans, and Non-Retirement Investment Program

This section of the report provides commentary, organizational updates, and a list of due diligence meetings staff conducted on the investment options and managers for the Other Retirement Funds, Tax-Advantaged Savings Plans, State-Sponsored Savings Plans, and Non-Retirement Investment Program for the quarter ending December 31, 2025.

The report includes the following sections:

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• Other Retirement Funds and Tax-Advantaged Savings Plans Fund Commentaries	3
• Non-Retirement Investment Program Fund Commentaries	7
• Organizational Updates and Summary of Manager Meeting Activity	8

Important Notes:
All performance figures and market data presented in this report are unaudited and preliminary. The performance presented is net of investment management fees. Reported performance for international funds reflects the impact of fair value pricing, which is the process of adjusting the prices of foreign securities to account for market activity that occurs between the time that a security is valued at the close of business in its local market and the close of business in the U.S. (when the fund is valued). Sources for market data: Bloomberg, Factset, Morningstar, MSCI, FTSE Russell, CRSP, ICE BofA, and Investment Managers.

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Fund Commentaries
Fourth Quarter 2025 (CY)

Other Retirement Funds and Tax-Advantaged Savings Plans

Domestic Equities

U.S. Equity Actively Managed Fund

The Fund seeks to outperform the Russell 3000 Index by investing in investment pools alongside other retirement plans. These pools, which are constructed and overseen by the SBI, are allocated to a diversified group of external active domestic equity managers benchmarked to Russell style (growth and value) and market-capitalization indices, which together provide broad market exposure consistent with the Russell 3000 Index. The Fund returned +2.6% for the quarter, which outperformed the Russell 3000 Index's +2.4% return. Strong performance by the Fund's semi-passive and small-cap growth managers relative to their benchmarks was a primary contributor to outperformance for the quarter.

Vanguard Dividend Growth Fund

The Fund is actively managed by the subadvisor, Wellington Management. The Fund's strategy is to assemble a concentrated portfolio of large- and mid-cap stocks, emphasizing high-quality companies with a history of paying stable or increasing dividends. The Fund returned +3.0% for the quarter, outpacing the S&P U.S. Dividend Growers Index return of +2.2%. The Fund's performance during the quarter benefitted from strong stock selection within the communication services and financial sectors, combined with an underweight to the technology and an overweight to the real estate sectors.

U.S. Equity Index Fund

The Fund seeks to match the performance of the Russell 3000 Index by investing in a passively managed investment pool alongside other retirement plans. The underlying portfolio is managed by BlackRock Institutional Trust Company using an optimized indexing approach to construct a portfolio with characteristics that closely match those of the Russell 3000 Index with lower exposure to some of the less liquid stocks in the index. The Fund returned +2.4% for the quarter, which matched the benchmark's return.

Vanguard Total Stock Market Index Fund

The Fund employs an index sampling approach designed to track the performance of the CRSP U.S. Total Market Index, which represents approximately 100% of the investable U.S. stock market and includes large-, mid-, small-, and micro-cap stocks. The Fund's performance matched the benchmark for the quarter with a +2.4% return.

Vanguard Institutional Index Fund

The Fund employs a full replication indexing approach designed to track the performance of the S&P 500 Index. For the quarter, the Fund returned +2.6%, compared with +2.7% for the Index, with the modest difference largely attributable to rounding. Over longer time periods, the Fund continues to closely match the Index's returns.

See Page 1 for important notes regarding the performance and market data included in this report.

Vanguard Mid-Cap Index Fund
The Fund employs a full replication indexing approach designed to track the performance of the CRSP U.S. Mid-Cap Index, a broadly diversified pool of mid-cap U.S. stocks. The Fund's performance matched the benchmark for the quarter with a -0.8% return.

T. Rowe Price Institutional Small-Cap Stock Fund
The Fund's investment process emphasizes fundamental research and active, bottom-up stock selection. The Fund seeks to provide long-term capital growth by investing primarily in stocks of small companies in both growth- and value-oriented market segments. The Fund returned +1.3% for the quarter, trailing the Russell 2000 Index's +2.2% gain. Weak stock selection in the health care sector was the primary detractor from relative performance for the quarter, with additional headwinds from stock selection in the communication services and materials sectors.

International Equities

Broad International Equity Fund
The Fund invests in an international equity investment pool alongside other retirement plans. The investment pool is constructed and overseen by the SBI and is allocated to a diversified group of external active and passive managers. The Fund seeks to outperform the MSCI ACWI ex USA Index of non-U.S. developed and emerging market stocks. For the quarter, the Fund returned +6.1%, outperforming the Index's +5.1% gain. Performance was led by the Fund's active emerging markets managers, who delivered meaningful outperformance relative to the MSCI Emerging Markets Index, supported by strong stock selection in Korea and China.

Fidelity Diversified International Trust
This investment option actively selects the stocks of international companies, primarily within developed markets. The manager focuses on companies with significant long-term earnings potential, durable business models, and attractive growth prospects. For the quarter, the Fund returned +4.6%, compared with +4.9% for the MSCI EAFE Index. Relative underperformance was driven by stock selection in the industrials – especially within capital goods – as well as in the healthcare and materials sectors.

Vanguard Total International Stock Index Fund
The Fund employs a full replication indexing approach designed to track the FTSE Global All Cap ex U.S. Index, a market-cap weighted index designed to measure the performance of international developed and emerging market companies. The Fund returned +4.5% for the quarter, which underperformed the FTSE Global All Cap ex U.S. Index's +4.8% return.

Fixed Income

Bond Fund
This fund invests in an investment pool alongside other retirement assets. The investment pool is constructed and overseen by SBI and is allocated to a diversified group of external active core and core-plus fixed income managers benchmarked to the Bloomberg U.S. Aggregate Bond Index. The Fund returned +1.2% for the quarter, outperforming the Index's +1.1% return. Relative results benefited from an overweight to agency mortgage-backed securities and investment-grade industrial corporates, as well as an out-of-benchmark allocation to high-yield credit.

See Page 1 for important notes regarding the performance and market data included in this report.

Dodge & Cox Core Bond Account
This investment option is a diversified portfolio composed primarily of investment-grade debt securities, with a higher allocation to corporate and securitized debt than the benchmark. The Account returned +1.5% for the quarter, outperforming the Bloomberg U.S. Aggregate Bond Index's +1.1% return. Portfolio performance during the quarter benefited from an overweight to agency mortgage-backed securities (MBS) and investment-grade corporate bonds. Favorable security selection within agency MBS also contributed to relative outperformance.

Vanguard Total Bond Market Index Fund
The Fund employs an index sampling approach designed to track the performance of the Bloomberg U.S. Aggregate Float Adjusted Bond Index. The Fund returned +1.0% for the quarter, which slightly underperformed the Bloomberg U.S. Aggregate Float Adjusted Bond Index's +1.1% return.

Capital Preservation

Stable Value Account
Galliard Capital Management manages the Stable Value Account as a separately managed account. The Account's assets are invested in short- and intermediate-term fixed income securities as well as investment contracts from financial institutions. These contracts are designed to smooth out the effects of interest rate changes on participant account values and maintain a stable net asset value. The Account returned +0.9% for the quarter, slightly lagging its benchmark, the 3-Year Constant Maturity Treasury Yield plus 45 basis points, which returned +1.0%. During the quarter, the Federal Reserve lowered its overnight policy rate by 50 basis points. Yields on shorter-term bonds declined in response, while longer-maturity yields edged modestly higher. The Stable Value Account continues to steadily narrow the yield gap relative to its benchmark, supported by positive relative performance from active management across the Account's underlying fixed income portfolios.

Money Market Account
The Money Market Account is a cash management option that invests in a pooled vehicle managed by State Street Investment Management, the Short-Term Investment Fund (STIF). The Account returned +1.1% for the quarter, outperforming the ICE BofA 3-Month U.S. T-Bill Index, which returned +1.0%.

Asset Allocation

Balanced Fund
The Balanced Fund is an asset-allocation portfolio that achieves its exposure by investing in other available investment options. The Fund maintains a target allocation of 60% to the U.S. Equity Index Fund, 35% to the Bond Fund, and 5% to the Money Market Account. The Fund's performance matched the custom benchmark for the quarter with a +1.9% return.

See Page 1 for important notes regarding the performance and market data included in this report.

Vanguard Balanced Index Fund
The Fund seeks capital appreciation, current income, and long-term income growth by employing an index sampling approach designed to track the investment performance of a composite benchmark consisting of 60% CRSP U.S. Total Stock Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index. The Fund's performance matched the custom benchmark return of +1.9% for the quarter.

MN Target Retirement Funds
The MN Target Retirement Fund series is managed by State Street Investment Management and includes nine funds based on specific target retirement dates. Each fund offers a diversified mix of passively managed equities, fixed income, and alternatives, which includes commodity and real estate strategies. Each fund's allocation follows a so-called "glidepath" that becomes increasingly conservative as the retirement date nears. During the quarter, all nine funds performed in-line with their respective custom glidepath benchmarks.

Volunteer Firefighter Account
The Volunteer Firefighter Account is an asset-allocation portfolio that achieves its exposure by investing in other available investment options. The Account maintains a target allocation of 35% to the U.S. Equity Index Fund, 15% to the Broad International Equity Fund, 45% to the Bond Fund, and 5% to the Money Market Account. The Volunteer Firefighter Account returned +2.4% for the quarter, outperforming its composite benchmark, which returned +2.1%. Relative performance benefited from active management across international equities and fixed income. International equity results were driven by strong outperformance from emerging markets managers relative to the MSCI Emerging Markets Index. Within fixed income, outperformance came from overweight positions in agency mortgage-backed securities and investment-grade industrial corporates, along with managers' out-of-benchmark exposures to high-yield credit.

See Page 1 for important notes regarding the performance and market data included in this report.

Fund Commentaries
Fourth Quarter 2025 (CY)

Non-Retirement Investment Program

Non-Retirement Equity Fund
Mellon Investments Corporation passively manages the Non-Retirement Equity Fund in a separately managed portfolio. The Fund employs a full replication indexing approach designed to track the performance of its benchmark, the S&P 500 Index. For the quarter, the Fund returned +2.6%, compared with +2.7% for the Index, with the modest difference largely attributable to rounding. Over longer time periods, the Fund continues to closely match the Index's returns.

Non-Retirement Bond Fund
Prudential Global Investment Management (PGIM) actively manages the Non-Retirement Bond Fund within a separately managed account. The fund returned +1.2% for the quarter and outperformed its benchmark, the Bloomberg U.S. Aggregate Bond Index, which gained +1.1%. Outperformance was driven by both sector allocation and security selection. Positive contributors included overweight positions in investment grade corporates, non-agency commercial mortgage-backed securities, and residential mortgage-backed securities.

Assigned Risk Plan Fixed Income Portfolio
RBC Global Asset Management actively manages the fixed income portfolio for the Assigned Risk Plan relative to the Bloomberg U.S. Government Intermediate Index. RBC emphasizes active security selection and sector allocation decisions in its investment process to attempt to add value relative to the benchmark. The Fund's performance for the quarter matched the benchmark's return of +1.2%.

Non-Retirement Money Market Fund
State Street Investment Management manages the Non-Retirement Money Market Fund against the iMoneyNet Money Fund Average. The Fund's performance for the quarter matched the benchmark's return of +1.0%. During the quarter, the Federal Reserve lowered its overnight policy rate by 50 basis points and the yields available on short-term investments declined in response.

See Page 1 for important notes regarding the performance and market data included in this report.

Organizational Updates
Fourth Quarter 2025 (CY)

Dodge & Cox (Fixed Income)
James Dignan, Vice President and member of Dodge and Cox's U.S. Fixed Income and Global Fixed Income Investment Committees, will depart the firm in June 2026 following 27 years of service. Nils Reuter, newly appointed Co-Head of the Structured Products Sector Committee will work alongside Mr. Dignan until his departure, while Lucy Johns and Jose Ursua will oversee the transition of Mr. Dignan's responsibilities related to the firm's Macro Committee.

Manager Meetings
Fourth Quarter 2025 (CY)

During the quarter, SBI staff met with the managers listed below. Although multiple meetings may have occurred with some managers, each manager or strategy is listed only once.

Manager	Management Style and Asset Class	Investment Program
Ascensus	Multi-Asset Class Platform	State-Sponsored (MN ABLE Plan)
Fidelity	Active, International Equity	Other Retirement and Tax-Advantaged Savings Plans
Schwab	Passive, Real Estate	State-Sponsored (MN ABLE Plan)
State Street	Active, Target Date	Other Retirement and Tax-Advantaged Savings Plans
T. Rowe Price	Active, Small Cap Equity	Other Retirement and Tax-Advantaged Savings Plans
TIAA	Multi-Asset Class Platform	State-Sponsored (MN 529 Plan)

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REPORT

Summary of Private Markets Commitments and Cash Flows Report

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DATE: February 17, 2026

TO: Members, Investment Advisory Council

FROM: SBI Staff

SUBJECT: Private Markets Update

Staff have reviewed the following agenda items:

A. Status of SBI Current Private Markets Commitments
B. Closed Transactions Since Last Publication
C. Private Markets Commentary

A) Status of SBI Current Private Markets Commitments

Minnesota State Board of Investment

Combined Funds

December 31, 2025

Combined Funds Market Value:		**$107,586,359,618**		
	% of Combined Funds	**Current Level**	**Target Level [1]**	**Difference**
Market Value (MV)	20.6%	$22,165,279,788	$26,896,589,905	$4,731,310,117
Policy Target	*25%*			
Statutory Limit	*35%*			
MV +Unfunded	32.1%	$34,579,268,536	$53,793,179,809	$19,213,911,273
Policy Limit	*50.0%*			

Private Markets Allocation

Asset Class	**% of Combined Funds**	**% of Private Markets Allocation**	**Market Value**	**Unfunded Commitment**	**Total**
Private Equity	14.9%	72.5%	$16,074,528,765	$8,906,565,298	$24,981,094,062
Policy Target Range	*15-25%*				
Private Credit	1.7%	8.2%	$1,816,577,145	$1,359,280,241	$3,175,857,386
Policy Target Range	*0-6%*				
Real Assets	1.8%	8.7%	$1,936,819,613	$755,139,148	$2,691,958,760
Policy Target Range	*0-4%*				
Real Estate	2.1%	10.3%	$2,283,732,802	$1,393,004,062	$3,676,736,864
Policy Target Range	*0-4%*				
Other[2]			$53,621,463		$53,621,463
Total			**$22,165,279,788**	**$12,413,988,749**	**$34,579,268,536**

Cash Flows

December 31, 2025

Calendar Year	**Capital Calls**	**Distributions**	**Net Invested**
2025	$2,610,661,742	($4,880,864,592)	($2,270,202,850)
2024	$2,768,967,097	($3,849,135,502)	($1,080,168,405)
2023	$2,744,167,005	($2,162,823,326)	$581,343,680
2022	$3,945,092,895	($3,140,446,870)	$804,646,025
2021	$4,556,450,698	($3,672,823,834)	$883,626,864
2020	$2,786,134,001	($2,318,825,278)	$467,308,723
2019	$2,543,614,503	($2,080,037,860)	$463,576,642
2018	$1,992,000,341	($2,049,733,815)	($57,733,474)
2017	$2,021,595,780	($2,383,863,711)	($362,267,931)

[1] There is no target level for MV + Unfunded. This amount represents the maximum allowed by policy

[2] Represents in-kind stock distributions from the liquidating portfolio managed by T.Rowe Price and cash accruals.

B) Closed Transactions Since Last Publication

As of February 17, 2026, the SBI has not closed on any private markets primary fund subscriptions made pursuant to the Executive Director's delegated authority.

C) Private Markets Commentary

2025 Private Markets Commentary

Private equity dealmakers ended the year on a strong note, pushing 2025 global deal value over the $2 trillion mark for the second time in history (2021 being the first), according to PitchBook data. Deal type and region were in line with recent history with buyout deals and U.S. deals comprising approximately 56.2% and 56.0% of total deal value, respectively. Exit markets also recorded an extraordinary year with exit value topping $1 trillion for the second time (joining 2021). The U.S. led in terms of the percentage of total exit value at 57.6%, followed by Europe (23.8%) and Asia (14.4%).

Within the private credit market, issuance volume in dollar terms maintained its growth trajectory in 2025. PitchBook data indicates that direct lenders originated an estimated $81.4 billion in loans to finance buyouts during the year, an 11.7% increase over 2024. However, the volume of individual loans, totaling 214, decreased by 13.7% compared to 2024. A notable trend in the fourth quarter was the migration of several large transactions from the broadly syndicated loan market to private credit.

Moderating inflation and improved borrowing costs improved real estate conditions in 2025. Green Street Advisors noted that 2025 U.S. CMBS issuance increased by approximately 40% year-over-year and all-in borrowing costs have declined by roughly 40% from the 2023 peak. Data centers and Artificial Intelligence (AI) garnered significant attention. Albourne research highlighted that intense demand for data center capacity has propelled established platforms to trade at 20x-30x Enterprise Value/EBITDA multiples, rendering pipeline acquisitions increasingly costly.

SBI Private Markets Portfolio

Net capital distributions from the private markets portfolio totaled over $2.2 billion during 2025, driven by strong exits (sales of underlying portfolio companies by fund GPs) within the private equity portfolio as well as consistent cashflow generation from the portfolio's credit and secondaries fund investments.

At the December 2025 IAC meeting, staff and Albourne presented an updated pacing plan. The 2026 pacing goal is $4 billion (with a range of +/- $500 million) across all private markets asset classes. Staff is on pace to meet the year's target.

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REPORT

AON Market Environment Report

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Market Environment

Fourth Quarter 2025.

Market Data as of 12/31/2025 unless stated otherwise.

Prepared for: Clients
Prepared by: Investment Strategy & Economics Team

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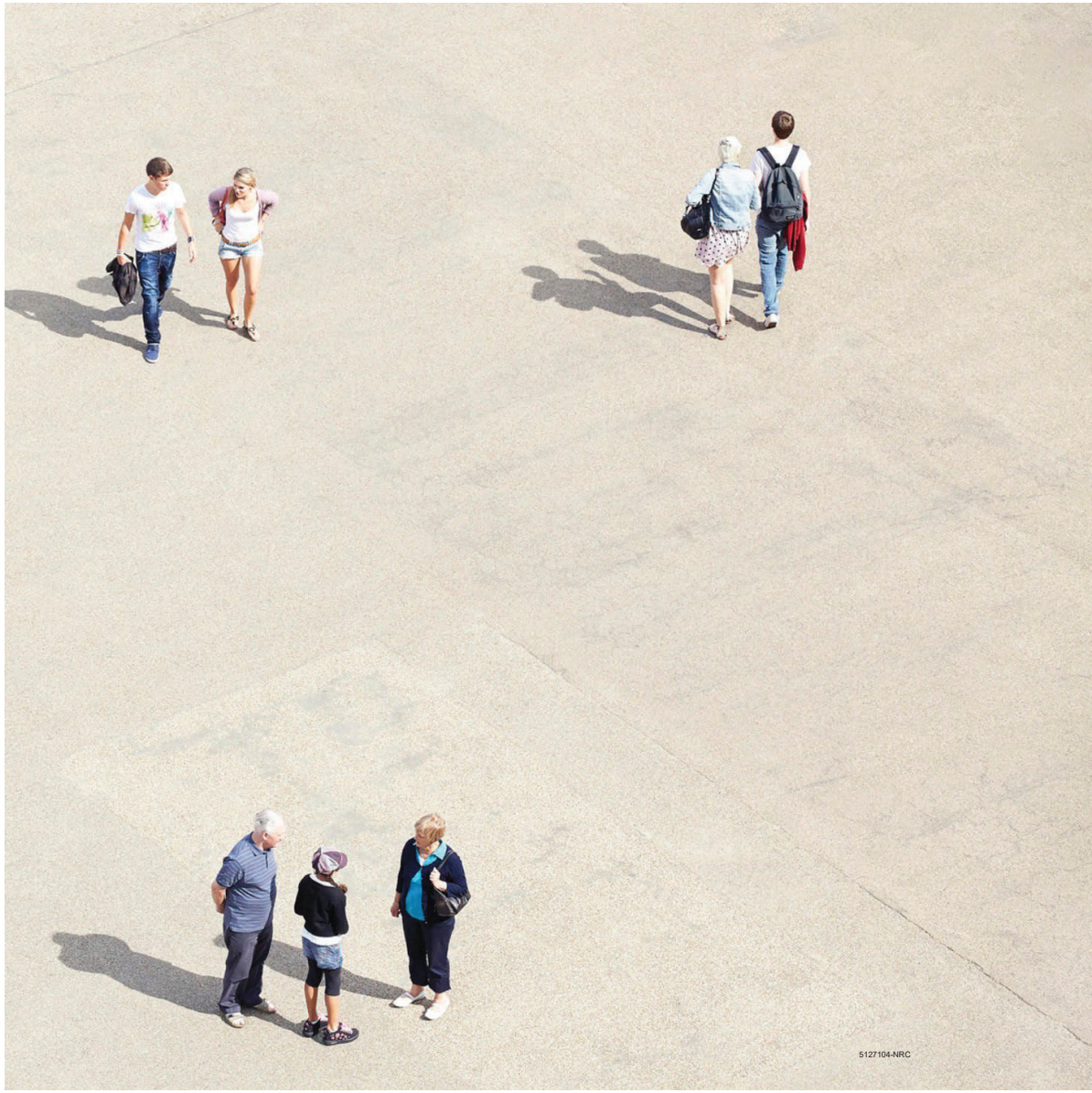
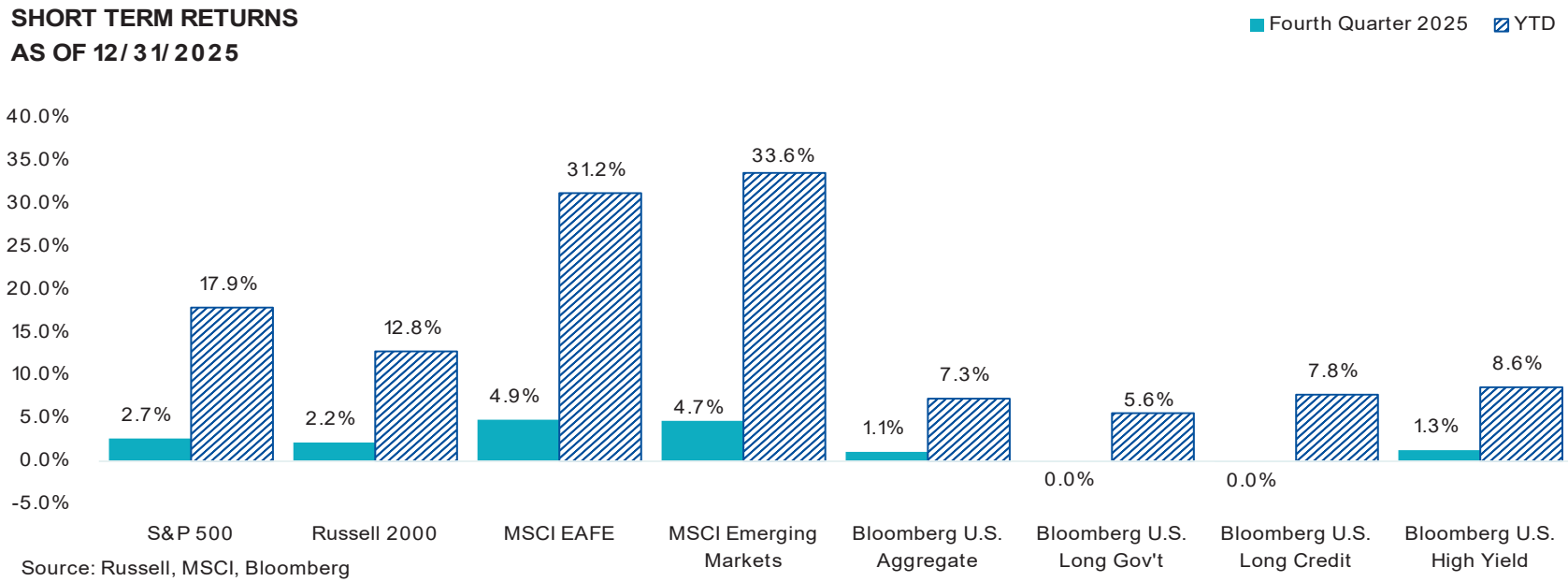


Market Highlights

SHORT TERM RETURNS
AS OF 12/31/2025



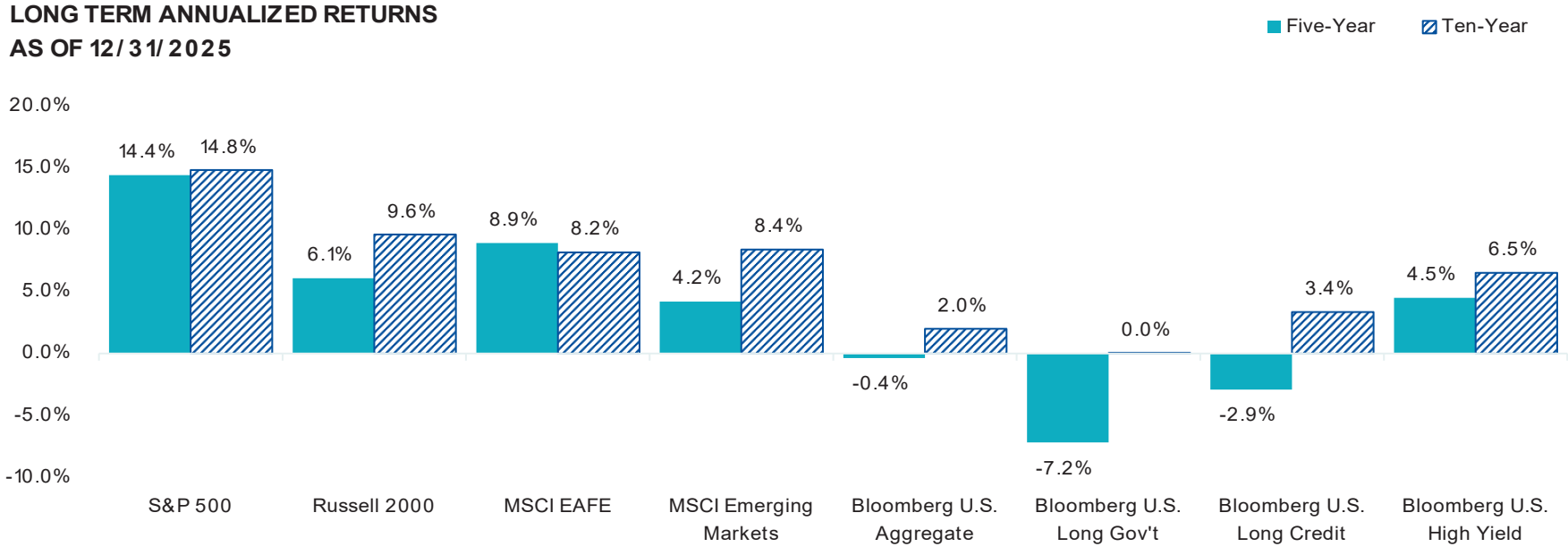
Source: Russell, MSCI, Bloomberg

MSCI Indices show net total returns throughout this report. All other indices show gross total returns.

Past performance is no guarantee of future results. Indices cannot be invested in directly. Unmanaged index returns assume reinvestment of any and all distributions and do not reflect fees and expenses. Please see appendix for index definitions and other general disclosures.
MSCI net return: deducts assumed foreign tax withholding rate from dividends before investing.

Market Highlights

LONG TERM ANNUALIZED RETURNS
AS OF 12/31/2025



Source: Russell, MSCI, Bloomberg

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MSCI net return: deducts assumed foreign tax withholding rate from dividends before investing.

Market Highlights

Returns of the Major Capital Markets						
					Period Ending 12/31/2025	
	Fourth Quarter	YTD	1-Year	3-Year[1]	5-Year[1]	10-Year[1]
Equity						
MSCI All Country World IMI	3.22%	22.06%	22.06%	19.98%	10.75%	11.45%
MSCI All Country World	3.29%	22.34%	22.34%	20.65%	11.19%	11.72%
Dow Jones U.S. Total Stock Market	2.35%	17.05%	17.05%	22.27%	13.07%	14.21%
Russell 3000	2.40%	17.15%	17.15%	22.25%	13.15%	14.29%
S&P 500	2.66%	17.88%	17.88%	23.01%	14.42%	14.82%
Russell 2000	2.19%	12.81%	12.81%	13.73%	6.09%	9.62%
MSCI All Country World ex-U.S. IMI	4.76%	31.96%	31.96%	17.10%	7.77%	8.37%
MSCI All Country World ex-U.S.	5.05%	32.39%	32.39%	17.33%	7.91%	8.41%
MSCI EAFE	4.86%	31.22%	31.22%	17.22%	8.92%	8.18%
MSCI EAFE (Local Currency)	6.13%	20.60%	20.60%	15.95%	11.47%	8.60%
MSCI Emerging Markets	4.73%	33.57%	33.57%	16.40%	4.20%	8.42%
Equity Factors						
MSCI World Minimum Volatility (USD)	-0.38%	11.16%	11.16%	10.27%	6.91%	8.45%
MSCI World High Dividend Yield	4.04%	19.66%	19.66%	12.80%	10.00%	9.50%
MSCI World Quality	4.12%	16.94%	16.94%	22.72%	12.72%	14.46%
MSCI World Momentum	0.91%	21.75%	21.75%	21.29%	11.13%	14.26%
MSCI World Enhanced Value	9.60%	40.42%	40.42%	21.38%	14.42%	10.16%
MSCI World Equal Weighted	2.63%	22.05%	22.05%	15.74%	8.39%	9.39%
MSCI World Index Growth	2.80%	21.34%	21.34%	28.10%	12.60%	14.99%
MSCI USA Minimum Volatility (USD)	-0.51%	7.84%	7.84%	11.15%	8.58%	10.59%
MSCI USA High Dividend Yield	1.30%	11.97%	11.97%	10.13%	9.41%	10.24%
MSCI USA Quality	4.15%	16.24%	16.24%	25.26%	14.16%	15.95%
MSCI USA Momentum	-1.39%	17.78%	17.78%	19.50%	9.74%	14.18%
MSCI USA Enhanced Value	9.95%	32.87%	32.87%	17.74%	12.64%	11.27%
MSCI USA Equal Weighted	0.83%	10.36%	10.36%	14.21%	9.22%	11.31%
MSCI USA Growth	2.90%	21.06%	21.06%	34.18%	15.71%	18.56%

Returns of the Major Capital Markets						
					Period Ending 12/31/2025	
	Fourth Quarter	YTD	1-Year	3-Year[1]	5-Year[1]	10-Year[1]
Fixed Income						
Bloomberg Global Aggregate	0.24%	8.17%	8.17%	3.98%	-2.15%	1.26%
Bloomberg U.S. Aggregate	1.10%	7.30%	7.30%	4.66%	-0.36%	2.01%
Bloomberg U.S. Long Gov't	-0.04%	5.61%	5.61%	0.65%	-7.18%	0.05%
Bloomberg U.S. Long Credit	0.00%	7.77%	7.77%	5.35%	-2.90%	3.36%
Bloomberg U.S. Long Gov't/ Credit	-0.02%	6.62%	6.62%	3.06%	-4.89%	1.98%
Bloomberg U.S. TIPS	0.13%	7.01%	7.01%	4.23%	1.12%	3.09%
Bloomberg U.S. High Yield	1.31%	8.62%	8.62%	10.06%	4.51%	6.53%
Bloomberg Global Treasury ex U.S.	-1.16%	7.08%	7.08%	1.76%	-4.88%	-0.11%
JP Morgan EMBI Global (Emerging Markets	3.04%	13.45%	13.45%	9.83%	1.74%	4.26%
Commodities						
Bloomberg Commodity Index	5.85%	15.77%	15.77%	3.96%	10.64%	5.73%
Goldman Sachs Commodity Index	0.97%	7.12%	7.12%	3.86%	14.65%	6.08%
Hedge Funds						
HFRI Fund-Weighted Composite[2]	2.87%	12.64%	12.64%	10.15%	7.14%	6.64%
HFRI Fund of Funds[2]	3.18%	10.52%	10.52%	8.57%	5.17%	4.86%
Real Estate						
NAREIT U.S. Equity REITS	-1.56%	2.88%	2.88%	8.36%	6.63%	5.70%
FTSE Global Core Infrastructure Index	0.26%	13.70%	13.70%	8.24%	7.08%	8.74%
Private Equity						
Burgiss Private iQ Global Private Equity[3]			9.95%	5.88%	14.47%	12.62%

MSCI Indices show net total returns throughout this report. All other indices show gross total returns.

[1] Periods are annualized.

[2] Latest 5 months of HFR data are estimated by HFR and may change in the future.

[3] Burgiss Private iQ Global Private Equity data is as at June 30, 2025

Source: Russell, MSCI, Bloomberg

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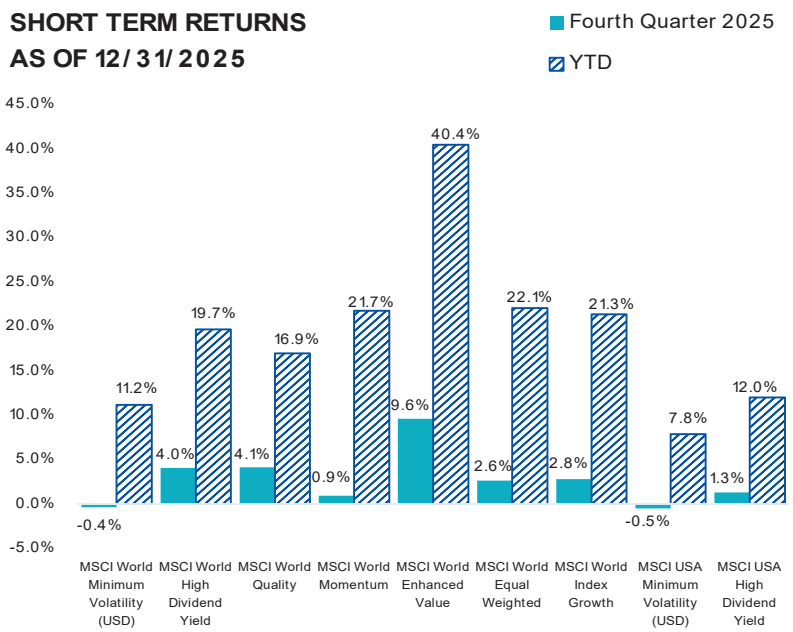
MSCI net return: deducts assumed foreign tax withholding rate from dividends before investing.

Factor Indices

SHORT TERM RETURNS
AS OF 12/31/2025



Source: MSCI
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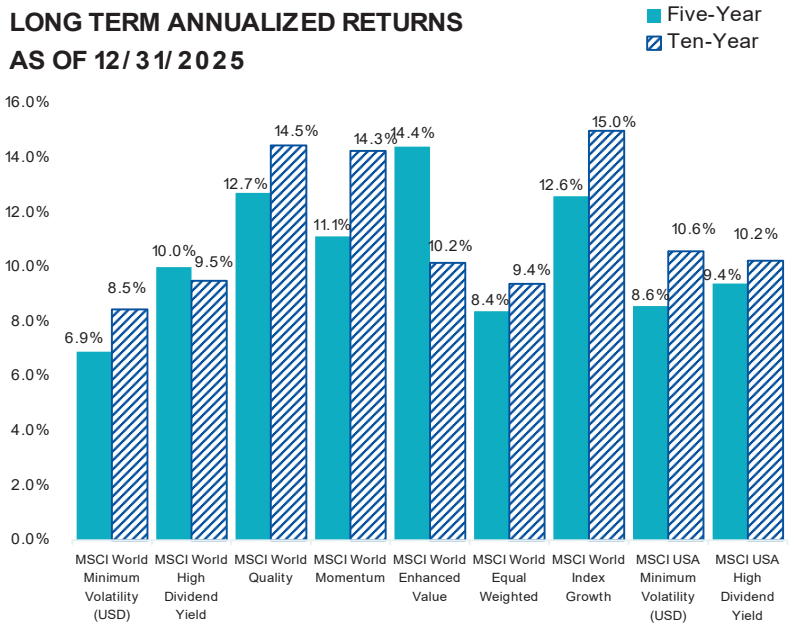
LONG TERM ANNUALIZED RETURNS
AS OF 12/31/2025



Source: MSCI
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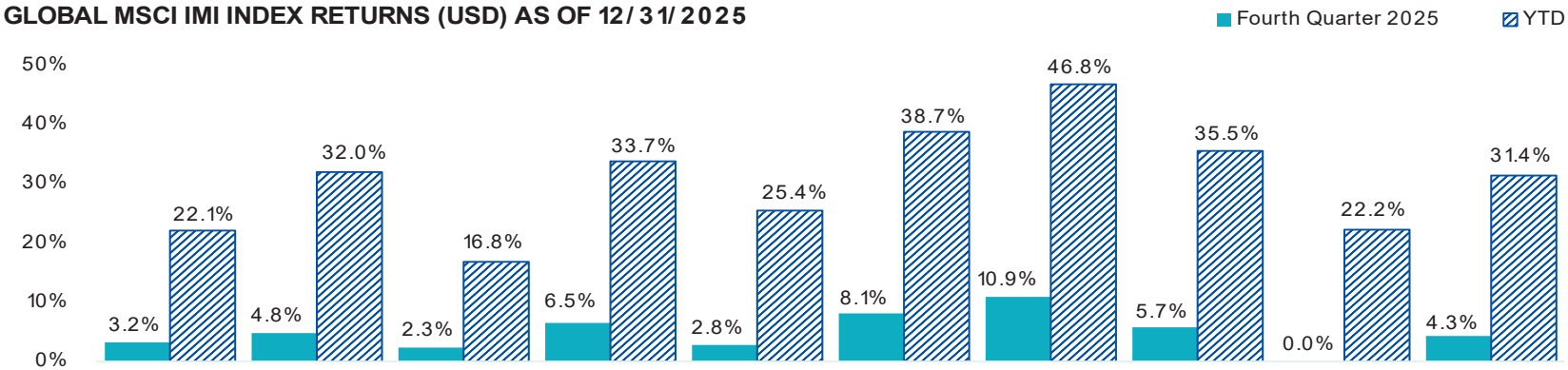
Global Equity Markets

GLOBAL MSCI IMI INDEX RETURNS (USD) AS OF 12/31/2025



Source: MSCI

- Global equity markets rose over Q4 2025. The MSCI AC World ex-U.S. IMI index rose by 4.8% over the quarter, outperforming the MSCI AC World IMI index, which rose 3.2%.
- The quarter was marked by a 43-day long U.S. government shutdown, resulting in employee furloughs (later reinstated), delayed economic data and SNAP payments, and airline disruptions, before ending with a bipartisan deal. Democratic wins in key regional elections also heightened concerns about President Trump's economic agenda ahead of the 2026 mid-term elections. U.S. and China agreed to pause tariff hikes for one year.
- Market volatility remained largely subdued, with the CBOE Volatility Index (VIX) concluding the quarter at 15.0, which is below its 20-year average of 19.4.
- USA IMI equities rose by 2.3% over the quarter, underperforming most of its global peers. USA IMI equities were the worst performer on a YTD basis.
- Across international markets, all regions posted positive returns over Q4 2025, except for the Pacific ex-Japan IMI equities which delivered no returns. Israel IMI equities outperformed with a return of 10.9%, followed by Canadian IMI (8.1%).

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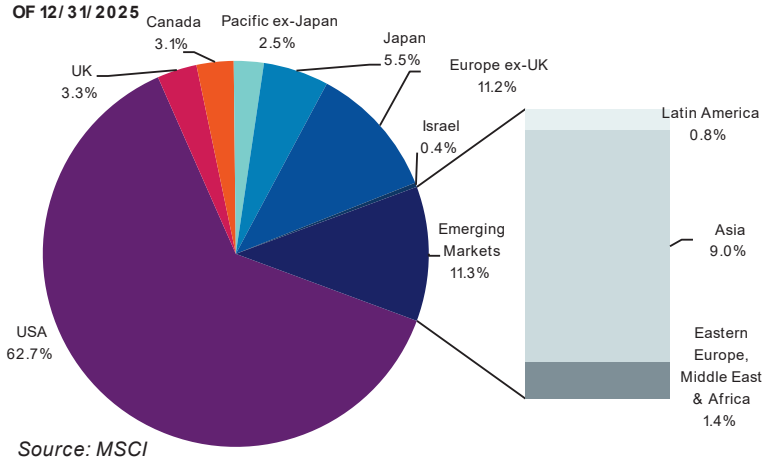
Global Equity Markets

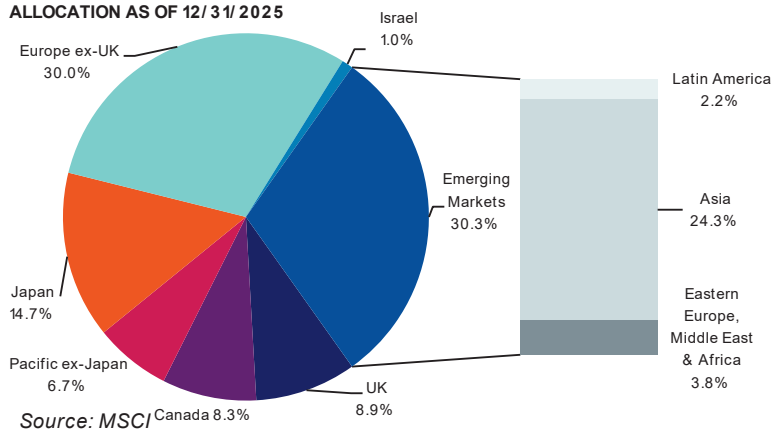
Below is the country/region breakdown of the global and international equity markets as measured by the MSCI All Country World IMI Index and the MSCI All Country World ex-U.S. IMI Index, respectively.

MSCI ALL COUNTRY WORLD IMI INDEX GEOGRAPHIC ALLOCATION AS OF 12/31/2025



Source: MSCI

MSCI ALL COUNTRY WORLD EX-U.S. IMI INDEX GEOGRAPHIC ALLOCATION AS OF 12/31/2025



Source: MSCI

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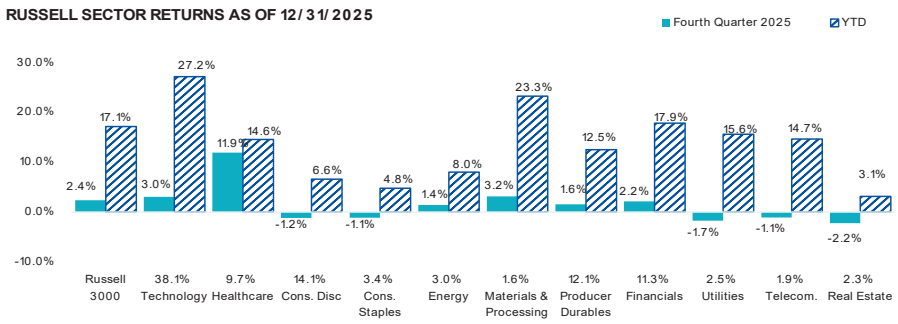
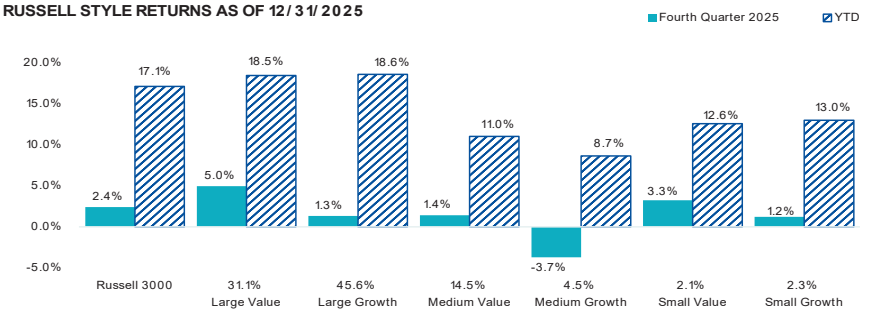
U.S. Equity Markets

- Russell Microcap index outperformed over Q4 2025, rising by 6.3%. Meanwhile, the large-cap oriented Dow Jones Industrials Average rose by 4.0%.
- According to the preliminary estimates, the U.S. economy grew at an annualized rate of 4.3% in Q3 2025, surpassing both the economists' expected 3.2% and the 3.8% growth registered in Q2 2025. The strong economic performance in the third quarter was driven by increased consumer spending, government expenditure and a positive net trade impact (higher exports, decreased imports).
- Federal Reserve's latest summary of economic projections suggest a GDP growth of 2.3% for 2026, higher than September's projection of 1.8%. Unemployment remains stable at 4.4%, while PCE inflation is reduced to 2.4% for 2026, lower than September's 2.6% projected.
- The Russell 3000 Index rose 2.4% during the fourth quarter and by 17.1% on a YTD basis. Healthcare (11.9%) and Materials & Processing (3.2%) were the best performers, while Real Estate (-2.2%) and Utilities (-1.7%) were the worst performers.
- On a style basis, value outperformed growth across all market capitalizations over the quarter. Large-cap stocks outperformed Medium and Small-cap stocks in both growth style as well as value style.





Source: Russell Indexes

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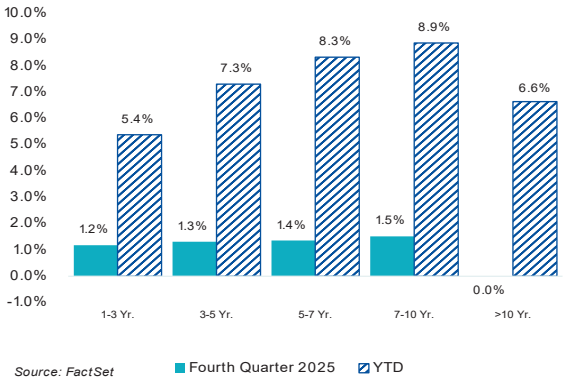
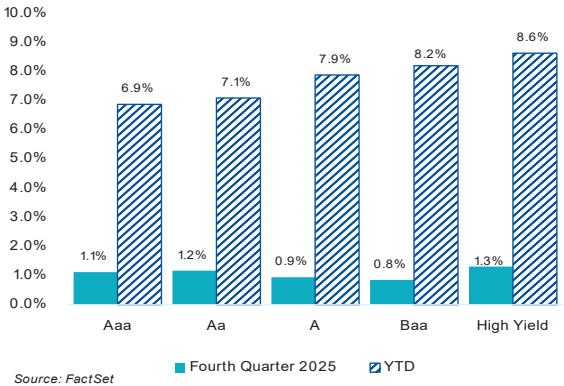
U.S. Fixed Income Markets

BLOOMBERG AGGREGATE RETURNS BY MATURITY AS OF 12/31/2025



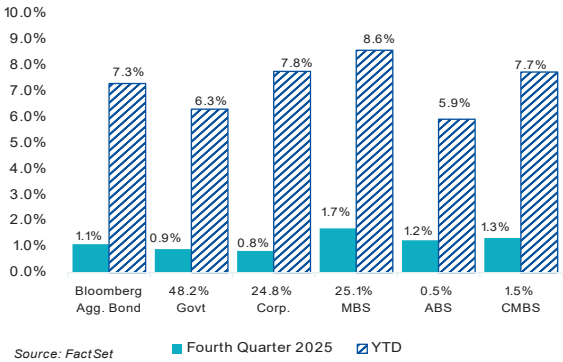
Source: FactSet

BLOOMBERG AGGREGATE RETURNS BY QUALITY AND HIGH YIELD RETURNS AS OF 12/31/2025



Source: FactSet

BLOOMBERG AGGREGATE RETURNS BY SECTOR AS OF 12/31/2025



Source: FactSet

- In Q4 2025, the U.S. Federal Reserve made two 0.25% cuts to the Fed Funds rate, lowering it to 3.5–3.75%. The latest dot plot shows a median projection of one rate cut for 2026, but FOMC participants' forecasts vary widely, with target ranges from 2–2.25% up to 3.75–4%. The Fed also announced the launch of a short-term bond buying program, beginning with a $40 billion purchase of treasury bills, aimed at managing liquidity requirements in the money market.
- The Bloomberg U.S. Aggregate Bond Index rose by 1.1% over the quarter and is up by 7.3% on a YTD basis.
- Across durations, most maturities finished the quarter in positive territory. Greater than 10 year maturities delivered no returns over the quarter.
- Within investment-grade bonds, higher-quality issues generally outperformed lower-quality issues, with Aa-rated bonds returning 1.2% during the quarter. High-yield bonds rose by 1.3% over the quarter. On a YTD basis, lower credit quality bonds have outperformed indicating an increased risk appetite.

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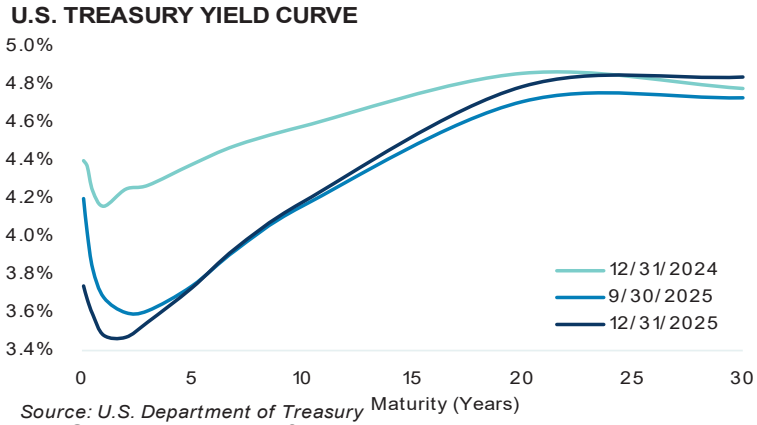
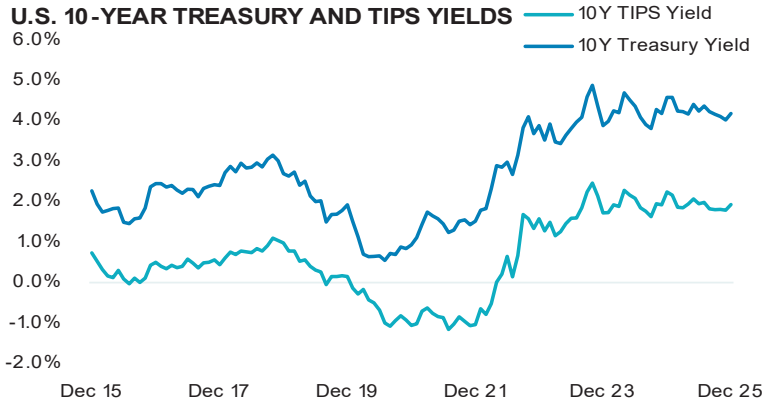
U.S. Fixed Income Markets



Source: U.S. Department of Treasury

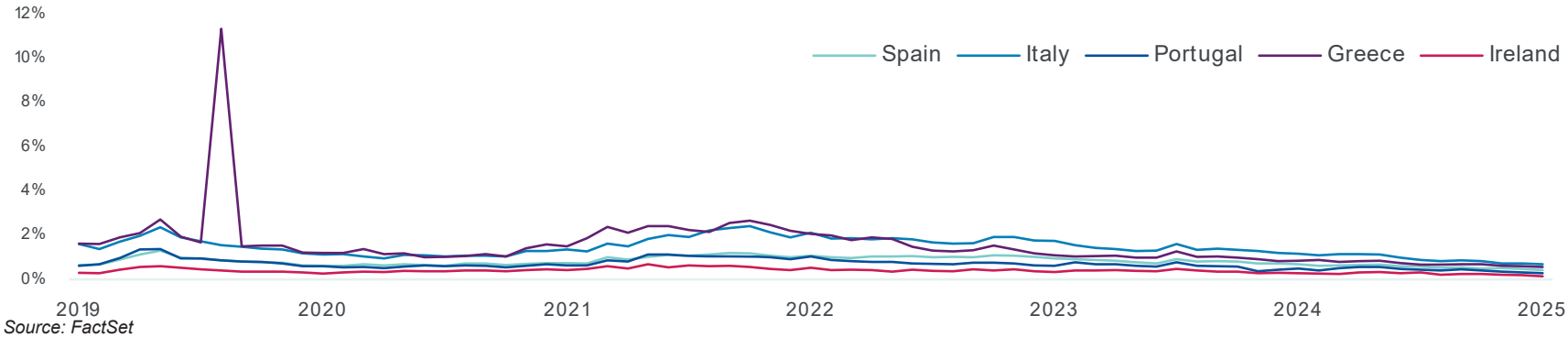


Source: U.S. Department of Treasury

- U.S. Treasury yields fell across the short to medium term maturities, with yields falling sharply across the shorter term. The curve saw upward movement over the longer term maturities. The 10-year Treasury yield rose by 2bps to 4.18%, and the 30-year Treasury yield rose by 11bps to 4.84% over the quarter.
- U.S. headline consumer price index (CPI) rose by 2.7% year-on-year in November, lower than September's 3.0% and the forecasted 3.1%. However, economists' remain divided on the accuracy of the numbers, as price data collection was affected by the U.S. government shutdown. U.S. core inflation, which excludes energy and food prices, rose 2.6% year-on-year in November, lower than the economists' expected and September's 3.0%.
- The 10-year TIPS yield rose by 13bps over the quarter to 1.93%.

European Fixed Income Markets

EUROZONE PERIPHERAL BOND SPREADS (10-YEAR SPREADS OVER GERMAN BUNDS)



Source: FactSet

- European government bond spreads over 10-year German bunds fell across the Euro Area. Over Q4 2025, the European Central Bank (ECB) kept its Deposit Facility rate unchanged at 2.0%. The ECB expects the headline inflation at 1.9% in 2026 and 1.8% in 2027. GDP growth rate was revised upwards to 1.2% in 2026 and 1.4% in 2027.
- Greek and Italian government bond yields rose by 3bps and 1bp to 3.42% and 3.54%, respectively over the quarter while Portugal government bond yields rose by 3bps to 3.14%. Irish and Spanish government bond yields rose by 5bps and 8bps to 3.0% and 3.28%, respectively over the quarter.
- German bund yields rose by 15bps to 2.86% over the quarter.
- Eurozone headline inflation eased to 2.0% year-on-year in December from the 2.2% recorded in September. Core inflation declined to 2.3% year-on-year in December, below September's 2.4%.

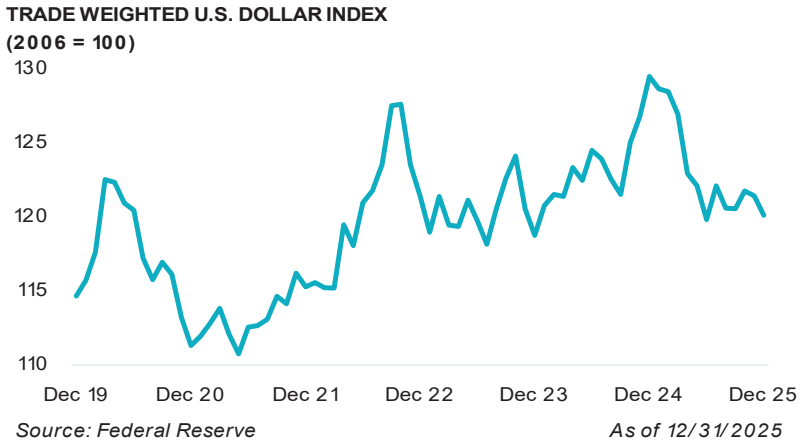
Credit Spreads

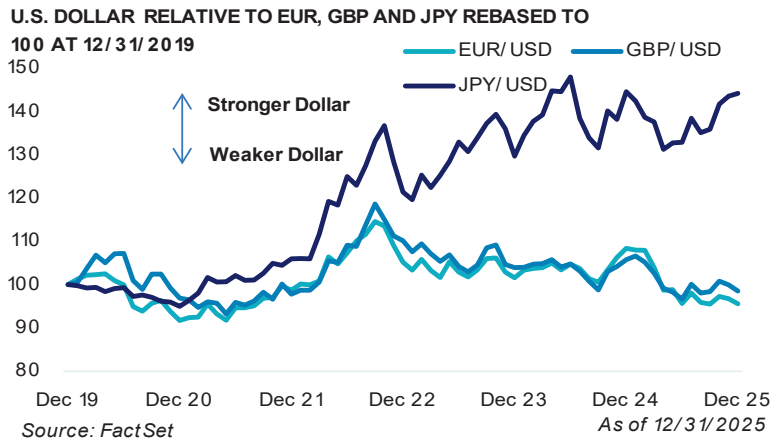
Spread (bps)	12/31/2025	9/30/2025	12/31/2024	Quarterly Change (bps)	YTD
U.S. Aggregate	27	28	34	-1	-7
Long Gov't	0	0	0	0	0
Long Credit	95	91	100	4	-5
Long Gov't/Credit	45	44	50	1	-5
MBS	22	31	43	-9	-21
CMBS	75	75	80	0	-5
ABS	52	49	44	3	8
Corporate	78	74	80	4	-2
High Yield	266	267	287	-1	-20
Global Emerging Markets	174	193	219	-18	-45

Source: FactSet, Bloomberg

- Credit markets rose amid continued risk tolerance sentiment.
- Spread movement remained rangebound, except for the MBS and Global Emerging markets, which showed a more pronounced decline.

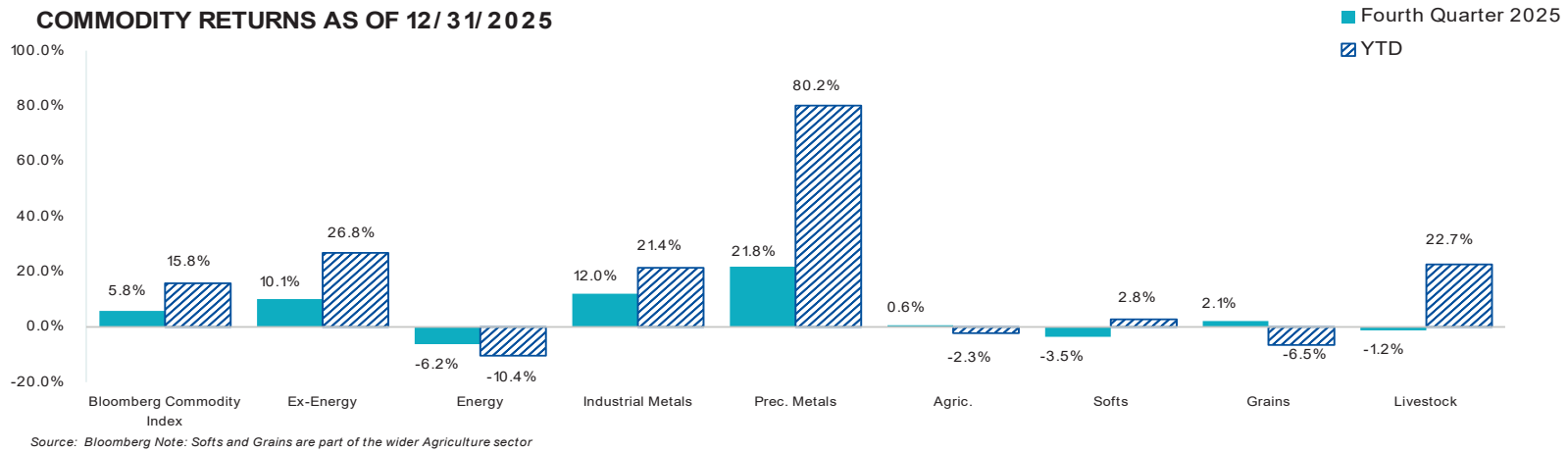
Currency





- The U.S. Dollar mostly appreciated against the major currencies over the quarter. On a trade-weighted basis, the U.S. dollar depreciated by -0.4%.
- Sterling depreciated by 0.1% against the U.S. dollar. In December, the Bank of England (BoE) cut its policy rate by 0.25% to 3.75% after a close 5-4 vote. The BoE expects CPI inflation to ease to 3% in early 2026, with future rate cuts dependent on continued disinflation progress.
- The U.S. dollar remained unchanged against the euro and appreciated by 6.1% against the yen.

Commodities

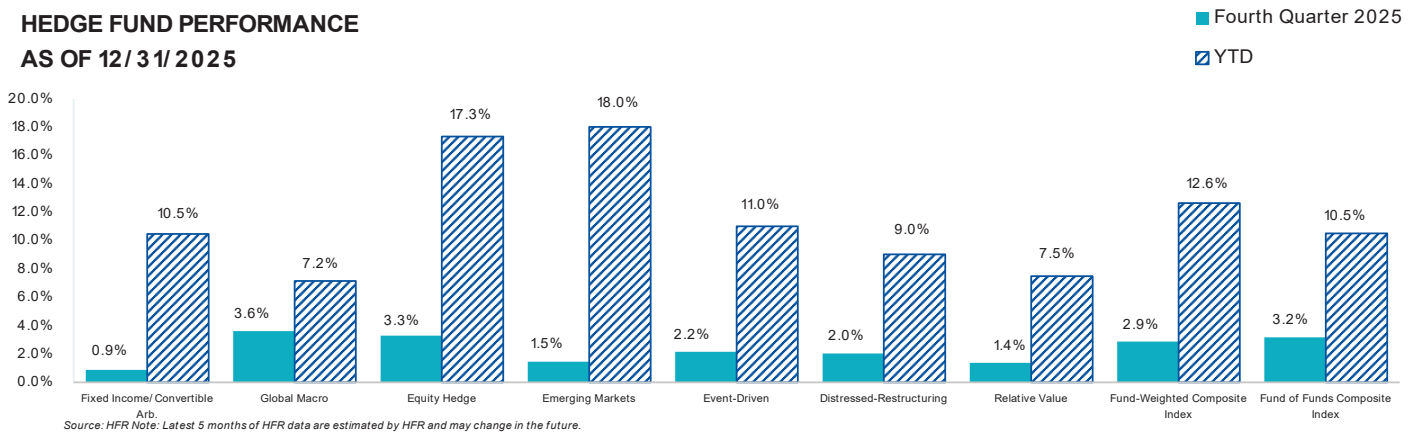


Source: Bloomberg Note: Softs and Grains are part of the wider Agriculture sector

- Commodity prices mostly rose over Q4 (except for Energy sector and, Softs and Livestock sub-sectors). The Bloomberg Commodity Index rose 5.8%.
- The Energy sector was the worst performer over the quarter, declining by 6.2%.
- Precious Metals sector rose the most over the quarter at 21.8%.
- Brent crude oil prices fell by 9.2% over the quarter, settling at U.S.$61 per barrel. The OPEC+ countries decided to pause oil production increases in early 2026 due to weaker demand, refinery maintenance, and concerns about oversupply.

Past performance is no guarantee of future results. Indices cannot be invested in directly. Unmanaged index returns assume reinvestment of any and all distributions and do not reflect fees and expenses. Please see appendix for index definitions and other general disclosures.

Hedge Funds Market Overview



Source: HFR Note: Latest 5 months of HFR data are estimated by HFR and may change in the future.

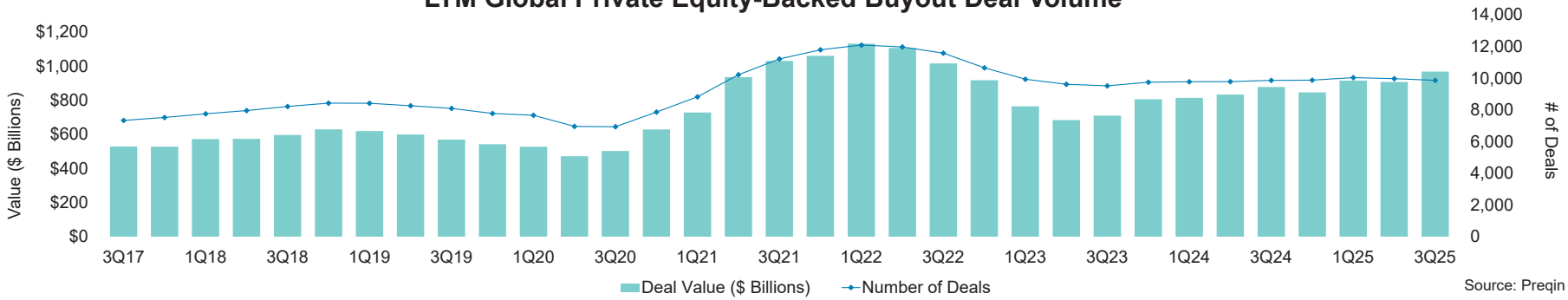
- Hedge fund performance remained positive over the quarter.
- The HFRI Fund-Weighted Composite Index produced a return of 2.9% and the HFRI Fund of Funds Composite Index produced a return of 3.2% over the quarter.
- Over the quarter, Global Macro was the best performer with a return of 3.6%.
- Fixed Income/Convertible Arb. was the worst performer with a return of 0.9% over the quarter.
- On a YTD basis, Emerging Markets has outperformed all other strategies while Global Macro has performed the worst.

Past performance is no guarantee of future results. Indices cannot be invested in directly. Unmanaged index returns assume reinvestment of any and all distributions and do not reflect fees and expenses. Please see appendix for index definitions and other general disclosures.

Private Equity Overview

Third Quarter 2025

LTM Global Private Equity-Backed Buyout Deal Volume

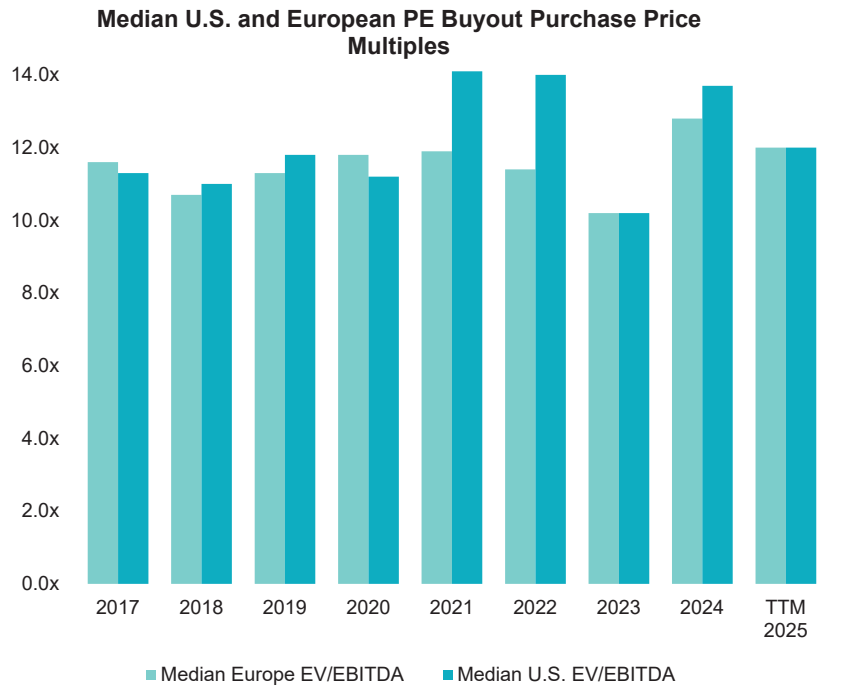


Source: Preqin Pro

- **Fundraising:** In Q3 2025, $247.8 billion of capital was raised by 628 funds, which was a decrease of 8.1% on a capital basis and a decrease of 13.5% by number of funds closed over the prior quarter. Capital raised and the number of funds closed in Q3 2025 represented a decrease of 21.6% and 54.6%, respectively, compared to the five-year quarterly average.[1]
- **Buyout:** Global private equity-backed buyout deals totaled $290.6 billion in Q3 2025, which was an increase on a capital basis of 50.3% compared to Q2 2025 and an increase of 30.2% compared to the five-year quarterly average.[1] On a TTM basis, median U.S. private equity buyout EV/EBITDA multiples reached 12.0x at the end of Q3 2025, a decrease compared to the 13.7x seen at the end of 2024 and down from the five-year average (12.7x). In Europe, on a TTM basis, median private equity buyout EV/EBITDA multiples reached 12.0x at the end of Q3 2025, below the 12.8x multiple seen at the end of 2024.[2] Globally, buyout exit value totaled $117.7 billion across 517 deals during the quarter, up, on a value and deal count basis, from $105.1 billion in exit value from 494 deals during the prior quarter. However, exit value in Q3 2025 remained 11.8% below the five-year quarterly average of $133.4 billion in value.[1]
- **Venture:** During the quarter, an estimated 4,208 U.S. venture-backed transactions totaling $80.9 billion were completed, which was an increase of 4.8% on a capital basis and 5.5% by deal count over the prior quarter, which saw an estimated 3,988 deals completed totaling $77.1 billion. This was also an increase of 30.0%, on a capital basis, compared to the five-year quarterly average of $62.2 billion. Total U.S. venture-backed exit value increased during the quarter, totaling approximately $74.5 billion across an estimated 362 completed transactions. This compared to $71.0 billion of transaction value across 399 exits in Q2 2025. However, Q3 2025 exit value remained below the five-year quarterly average of $84.0 billion from 377 transactions.[3]

Sources: 1 Preqin 2 Pitchbook/LCD 3 PitchBook/NVCA Venture Monitor 4 Fitch Ratings 5 Jefferies
Notes: FY=Fiscal year ended 12/31; YTD=Year to date; LTM=Last 12 months (aka trailing 12 months); PPM=Purchase Price Multiples: Total Purchase Price ÷ EBITDA.

Private Equity Overview (cont.)



Source: Pitchbook, LCD

- **Mezzanine:** 8 funds closed on $1.5 billion during the quarter, a decrease from the prior quarter's total of $1.7 billion raised by 7 funds. Capital raised in Q3 2025 was also a decrease of 57.1% compared to Q3 2024. Capital raised in Q3 represented a significant decrease compared to the five-year quarterly average of $6.2 billion.[1]
- **Distressed Debt/Special Situations:** The TTM U.S. high-yield bond default rate was 3.1% as of September 2025, equal to the rate seen in June 2025, and up from March 2025's TTM rate of 2.0%.[4] During the quarter, $12.1 billion was raised by 15 funds, up from the $10.3 billion raised by 8 funds during Q2 2025. Capital raised through Q3 2025 represented 126.7% of 2024's total of $42.2 billion.[1]
- **Secondaries:** 10 funds raised $30.5 billion during Q3 2025, up significantly from the $10.2 billion raised by 11 funds in Q2 2025. This was also an increase compared to the five-year quarterly average of $16.0 billion.[1] The average discount rate for LP buyout and venture capital portfolios finished 1H 2025 at 6.0% and 22.0%, respectively, with buyout discounts being flat and venture discounts decreasing 300 bps compared to Q4 2024.[5]
- **Infrastructure:** $15.9 billion of capital was raised by 15 funds in Q3 2025 compared to $53.4 billion of capital raised by 31 funds in Q2 2025. The 10 largest funds in market are currently seeking a combined $224.4 billion in capital. Infrastructure managers completed 340 deals for an aggregate deal value of $70.1 billion in Q3 2025, a decrease, on a capital and number of deals basis, compared to 397 deals totaling $77.7 billion completed in Q2 2025.[1]
- **Natural Resources:** During Q3 2025, 2 funds closed on $0.3 billion, a significant decrease compared to 12 funds closing on $7.8 billion during the prior quarter. This was also a decrease of 94.0% compared to the five-year quarterly average. 63 energy and utilities buyout deals totaling $7.2 billion were completed in Q3 2025, a decrease, on a value and number of deals basis, compared to 169 completed deals totaling $12.4 billion in Q2 2025.[1]

Sources: 1 Preqin 2 Pitchbook/LCD 3 PitchBook/NVCA Venture Monitor 4 Fitch Ratings 5 Jefferies

Appendix
Index Definitions

Index	Definition
MSCI AC World Index	The MSCI ACWI captures large and mid cap representation across 23 Developed Markets (DM) and 24 Emerging Markets (EM) countries. With 2,528 constituents, the index covers approximately 85% of the global investable equity opportunity set.
MSCI All Country World Investable Market Index	The MSCI ACWI Investable Market Index (IMI) captures large, mid and small cap representation across 23 Developed Markets (DM) and 24 Emerging Markets (EM) countries. With 8,274 constituents, the index is comprehensive, covering approximately 99% of the global equity investment opportunity set.
MSCI World Index	The MSCI World Index captures large and mid-cap representation across 23 Developed Markets (DM) countries. With 1,325 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.
MSCI EAFE	The MSCI EAFE Index is an equity index which captures large and mid cap representation across 21 Developed Markets countries around the world, excluding the US and Canada. With 695 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.
MSCI Emerging Markets	The MSCI Emerging Markets Index captures large and mid cap representation across 24 Emerging Markets (EM) countries. With 1,203 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.
MSCI Emerging Markets Investable Market Index	The MSCI Emerging Markets Investable Market Index (IMI) includes large, mid and small cap companies and targets coverage of approximately 99% of the free float-adjusted market capitalization in each country.
MSCI Factor indexes	These are rules-based indexes that capture the returns of systematic factors that have historically earned a persistent premium over long periods of time—such as Value, Low Size, Low Volatility, High Yield, Quality and Momentum and Growth.
MSCI USA Value/Growth	The MSCI USA Value/Growth Index captures U.S. large and mid cap securities exhibiting overall value/growth style characteristics. The value investment style characteristics for index construction are defined using three variables: book value to price, 12-month forward earnings to price and dividend yield. The growth investment style characteristics for index construction are defined using five variables: long-term forward EPS growth rate, short-term forward EPS growth rate, current internal growth rate and long-term historical EPS growth trend and long-term historical sales per share growth trend.
MSCI ACWI ex USA IMI	The MSCI ACWI ex USA Investable Market Index (IMI) captures large, mid and small cap representation across 22 of 23 Developed Markets (DM) countries (excluding the United States) and 24 Emerging Markets (EM) countries. With 6,060 constituents, the index covers approximately 99% of the global equity opportunity set outside the US.
MSCI USA IMI	The MSCI USA Investable Market Index (IMI) is designed to measure the performance of the large, mid and small cap segments of the US market. With 2,214 constituents, the index covers approximately 99% of the free float-adjusted market capitalization in the US
MSCI UK IMI	The MSCI United Kingdom Investable Market Index (IMI) is designed to measure the performance of the large, mid and small cap segments of the UK market. With 279 constituents, the index covers approximately 99% of the free float-adjusted market capitalization in the UK.
MSCI Japan IMI	The MSCI Japan Investable Market Index (IMI) is designed to measure the performance of the large, mid and small cap segments of the Japan market. With 979 constituents, the index covers approximately 99% of the free float-adjusted market capitalization in Japan.
MSCI Canada IMI	The MSCI Canada Investable Market Index (IMI) is designed to measure the performance of the large, mid and small cap segments of the Canada market. With 265 constituents, the index covers approximately 99% of the free float-adjusted market capitalization in Canada.

Appendix
Index Definitions

Index	Definition
MSCI Israel IMI	The MSCI Israel Investable Market Index (IMI) is designed to measure the performance of the large, mid and small cap segments of the Israeli market. With 100 constituents, the index covers approximately 99% of the free float-adjusted market capitalization in Israel.
MSCI Europe ex UK IMI Index	The MSCI Europe ex UK IMI Index is an equity index which captures large, mid and small cap representation across 14 of 15 Developed Market (DM) countries in Europe* excluding the UK. With 955 constituents, the index is comprehensive, covering approximately 99% of the free float-adjusted market capitalization in each country.
MSCI Pacific ex Japan IMI	The MSCI Pacific ex Japan Investable Market Index (IMI) captures large, mid and small cap representation across 4 of 5 Developed Markets (DM) countries in the Pacific region (excluding Japan). With 383 constituents, the index covers approximately 99% of the free float-adjusted market capitalization in each country.
Dow Jones U.S. Total Stock Market Index	A capitalization-weighted index of stocks representing all U.S. equity eligible securities.
S&P 500	The S&P 500® is widely regarded as the best single gauge of large-cap U.S. equities and serves as the foundation for a wide range of investment products. The index includes 500 leading companies and captures approximately 80% coverage of available market capitalization.
S&P GSCI	A world-production weighted index that is based on the average quantity of production of each commodity in the index.
Russell 3000 Index	The Russell 3000 Index is a market-capitalization-weighted equity index that seeks to track 3000 of the largest U.S.-traded stocks.
Russell 2000 Index	The Russell 2000 Index measures the performance of the small-cap segment of the U.S. equity universe. The Russell 2000 Index is a subset of the Russell 3000® Index representing approximately 10% of the total market capitalization of that index. It includes approximately 2000 of the smallest securities based on a combination of their market cap and current index membership.
Bank of America Merrill Lynch U.S. Corporate Index	An unmanaged index considered representative of fixed-income obligations issued by U.S. corporates.
Bank of America Merrill Lynch U.S. High Yield Index	An unmanaged index considered representative of sub-investment grade fixed-income obligations issued by U.S. corporates.
Bloomberg U.S. Government Index	An unmanaged index considered representative of fixed-income obligations issued by the U.S. government.
Bloomberg Long Credit Index	An unmanaged index considered representative of long duration fixed-income obligations issued by U.S. corporates.
Bloomberg Global Aggregate Index	The Bloomberg Global Aggregate Index is a flagship measure of global investment grade debt from twenty-eight local currency markets. This multi-currency benchmark includes treasury, government-related, corporate and securitized fixed-rate bonds from both developed and emerging markets issuers.

Appendix
Index Definitions

Index	Definition
Bloomberg U.S. Government: Long	The Bloomberg U.S. Government: Long Index tracks US dollar denominated, fixed-rate, nominal US Treasuries and US agency debentures (securities issued by US government owned or government sponsored entities, and debt explicitly guaranteed by the US government) with maturities equal or greater than 10 years
Bloomberg US Corporate High Yield Index	The Bloomberg US Corporate High Yield Bond Index measures the USD-denominated, high yield, fixed-rate corporate bond market. Securities are classified as high yield if the middle rating of Moody's, Fitch and S&P is Ba1/BB+/BB+ or below. Bonds from issuers with an emerging markets country of risk, based on the indices' EM country definition, are excluded. The US Corporate High Yield Index is a component of the US Universal and Global High Yield Indices.
Bloomberg Global Treasury ex-US	The Bloomberg Global Treasury Index tracks fixed-rate, local currency government debt of investment grade countries, outside the United States.. The index represents the treasury sector of the Global Aggregate Index.
Bloomberg U.S. Aggregate Index	The Bloomberg US Aggregate Bond Index is a broad-based flagship benchmark that measures the investment grade, US dollar denominated, fixed-rate taxable bond market. The index includes Treasuries, government-related and corporate securities, fixed rate agency MBS, ABS and CMBS (agency and non-agency).
Bloomberg U.S. TIPS Index	The Index measures the performance of the U.S. treasury inflation linked bond market.
Bloomberg Commodity Index	The Bloomberg Commodity Index is a broadly diversified commodity price index distributed by Bloomberg Index Services Limited.
J.P. Morgan EMBI Global Diversified Index	The J.P. Morgan EMBI Global Diversified Index (EMBIGD) tracks liquid, US Dollar emerging market fixed and floating-rate debt instruments issued by sovereign and quasi-sovereign entities.
JP Morgan EMBI Global	The J.P.Morgan Emerging Markets Bond Index Global ("EMBI Global") tracks total returns for traded external debt instruments in the emerging markets and is an expanded version of the JPMorgan EMBI+.
HFRI Fund Weighted Composite	The HFRI Fund Weighted Composite Index is a global, equal-weighted index of single-manager funds that report to HFR Database. Constituent funds report monthly net of all fees performance in US Dollar and have a minimum of $50 Million under management or $10 Million under management and a twelve (12) month track record of active performance. The HFRI Fund Weighted Composite Index does not include Funds of Hedge Funds.
HFRI Fund of Funds	HFR FOF Indices are comprised of funds that are constituents of the HFRI 500 Index and are designed to synthetically (S) represent the performance of Low, Mid or High volatility fund of funds.
FTSE NARIET	The FTSE Nareit U.S. Real Estate Index Series tracks the performance of the U.S. REIT industry at both an industry-wide level and on a sector-by-sector basis.
NCREIF NFI-ODCE	The NFI-ODCE, like the NCREIF Property Index (NPI) and other stock and bond indices, is a capitalization-weighted index based on each fund's net invested capital, which is defined as beginning market value net assets (BMV), adjusted for weighted cash flows (WCF) during the period.
FTSE Global Core Infrastructure	The FTSE Infrastructure Index Series is a comprehensive set of nine cap-weighted indices, diversified across six FTSE-defined infrastructure sub-sectors, to reflect the performance of infrastructure and infrastructure-related listed securities worldwide.

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200 E. Randolph Street
Suite 600
Chicago, IL 60601
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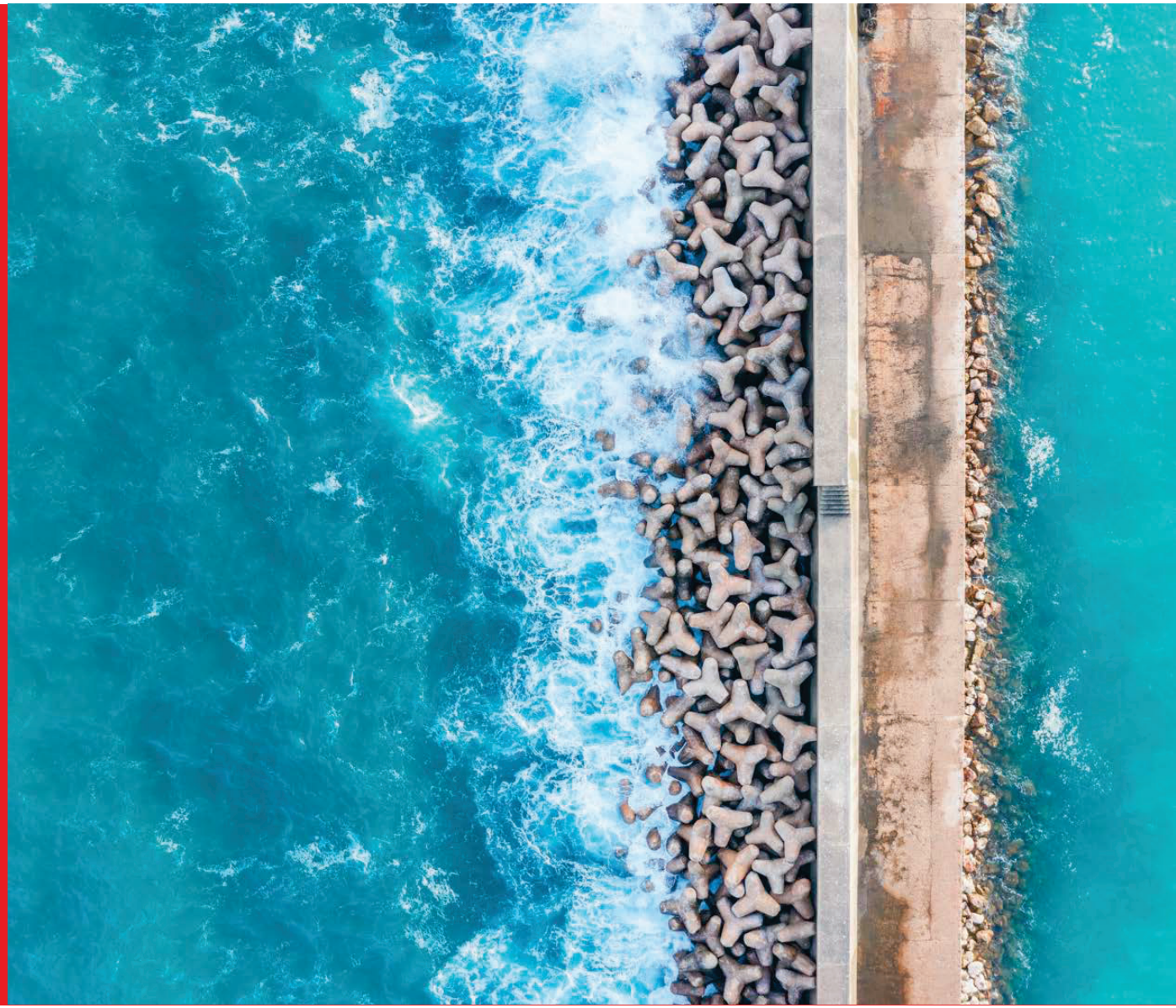
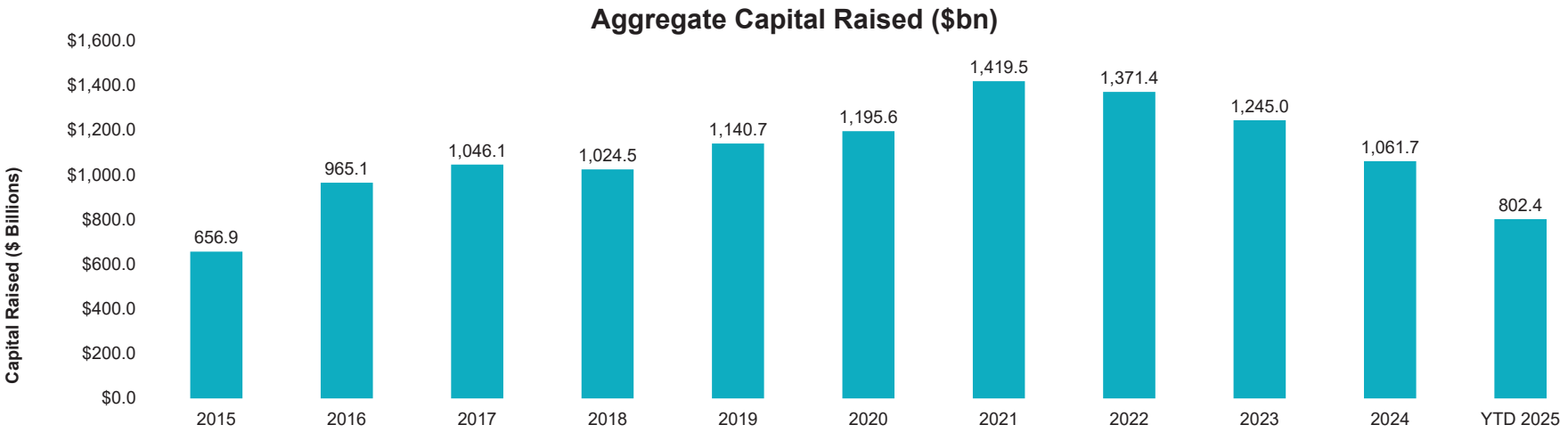
AON

Q3 2025 Global Private Equity Market Overview

January 2026



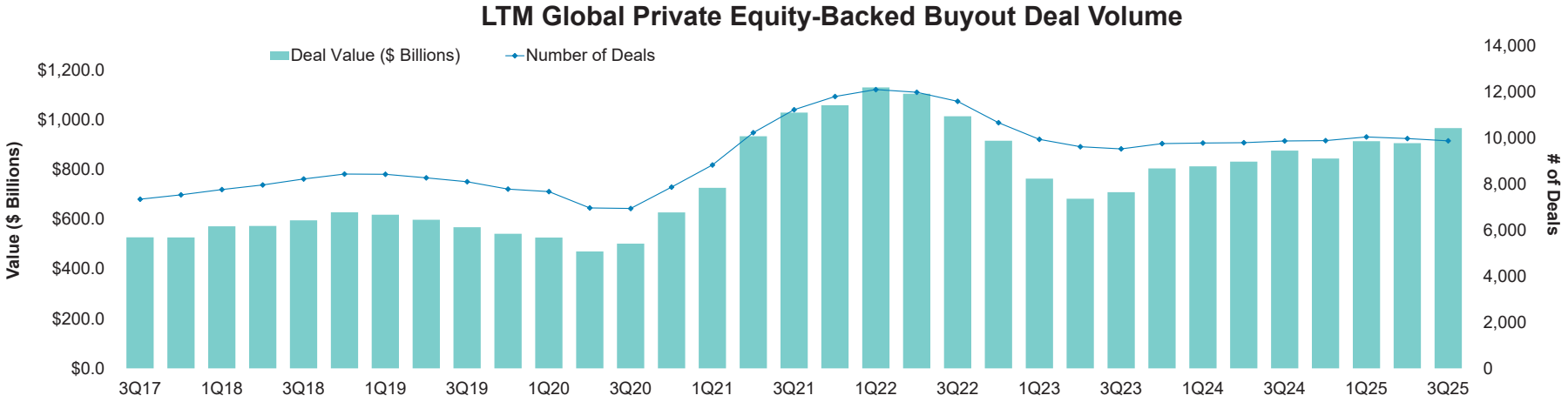
Private Equity Overview



Fundraising

- In Q3 2025, $247.8 billion of capital was raised by 628 funds, which was a decrease of 8.1% on a capital basis and a decrease of 13.5% by number of funds closed over the prior quarter. The number of funds closed decreased by 31.1% while capital raised decreased by 3.9% when compared to Q2 2024.[1]
  - Capital raised and the number of funds closed in Q3 2025 represented a decrease of 21.6% and 54.6%, respectively, compared to the five-year quarterly average and a decrease of 12.9% and 48.7%, respectively, compared to the ten-year quarterly average.
  - The majority of capital was raised by funds located in North America, comprising 63.1% of the quarter's total. This was down from 67.7% during the prior quarter. Capital raised by European managers accounted for 30.5% of capital raised during the quarter, an increase from 24.6% in Q2 2025. The remainder was attributable to managers located in Asia and other parts of the world.
- Dry powder stood at $2.6 trillion at the end of Q3 2025, a decrease compared to year-end 2024's total of $3.5 trillion, and a decrease of 24.5% compared to the five-year average.[1]

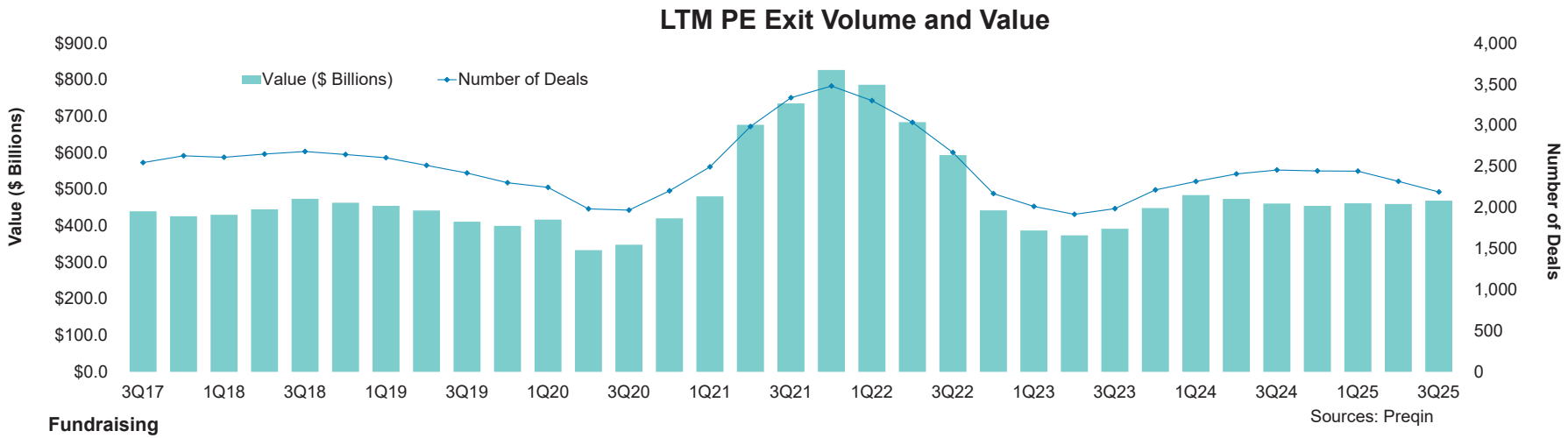
Private Equity Overview (cont.)



Activity

- Global private equity-backed buyout deals totaled $290.6 billion in Q3 2025, which was an increase of 50.3% on a value basis compared to Q2 2025. By number of deals completed, the quarter's total decreased by 3.2% over the prior quarter. Global buyout deal value in Q3 2025 was 26.3% higher, while deal count was 4.3% lower, than Q3 2024's totals.[1]
  - Deal value in Q3 2025 experienced an increase of 30.2% compared to the five-year quarterly average.
  - Add-on deals continue to comprise the largest number of completed deals by type, accounting for 54.9% of the quarter's total. This was an increase from 49.4% in Q2 2025.
- On a TTM basis, median U.S. private equity buyout EV/EBITDA multiples reached 12.0x at the end of Q3 2025, a decrease compared to the 13.7x seen at the end of 2024.[3]
  - The TTM median purchase price multiple for U.S. PE buyout transactions in Q3 2025 was also lower than the five-year average of 12.7x EBITDA, but slightly higher than the ten-year average of 11.6x EBITDA.
- In Europe, on a TTM basis, median private equity buyout EV/EBITDA multiples reached 12.0x at the end of Q3 2025, below the 12.8x multiple seen at the end of 2024. This was up slightly compared to the five-year average of 11.6x and above the ten-year average of 11.2x.[3]
- General partners continued to utilize more debt financing to consummate buyout transactions in Q3 2025. For U.S. buyout deals, equity contributions represented 45.5% of the capital structure in Q3 2025. This was an increase compared to 43.9% in Q2 2025.

Buyouts / Corporate Finance



Sources: Preqin

Fundraising

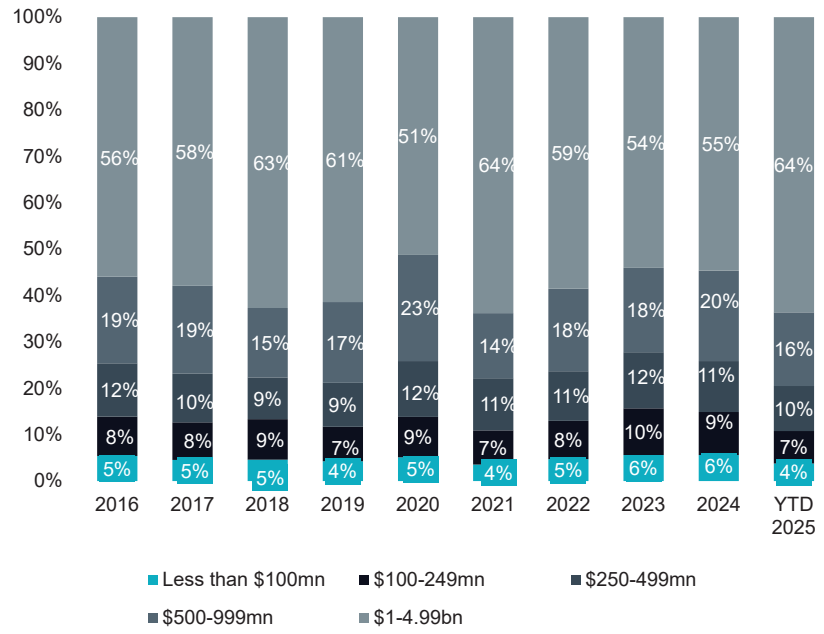
- $137.2 billion was closed on by 165 buyout and growth funds in Q3 2025, a slight increase, on a capital raised basis, compared to $135.4 billion closed on by 225 funds in Q2 2025. This was also an increase of 14.2% compared to capital raised in Q2 2024, but a decrease of 32.7% by number of funds raised.[1]
  - Activity in Q3 2025 was lower, on a capital and number of funds raised basis, compared to the five-year quarterly average of $145.1 billon raised by 312 funds.
  - Blackstone Capital Partners IX was the largest fund raised during the quarter, closing on $28.0 billion of commitments.
- Buyout and growth equity dry powder was estimated at $1.0 trillion at the end of Q3 2025, down 30.7% compared to year-end 2024.[1]
  - An estimated 60.2% of buyout and growth dry powder was targeted for North America, while European dry powder comprised 24.5% and Asia/Rest of World accounted for the remainder.

Activity

- Globally, buyout exit value totaled $117.7 billion across 517 deals during the quarter, up, on a value and deal count basis, from $105.1 billion in exit value from 494 deals during the prior quarter. However, exit value in Q3 2025 remained 11.8% below the five-year quarterly average of $133.4 billion.[1]

Buyouts / Corporate Finance

Buyout Deal Value by Deal Size



Sources: Preqin

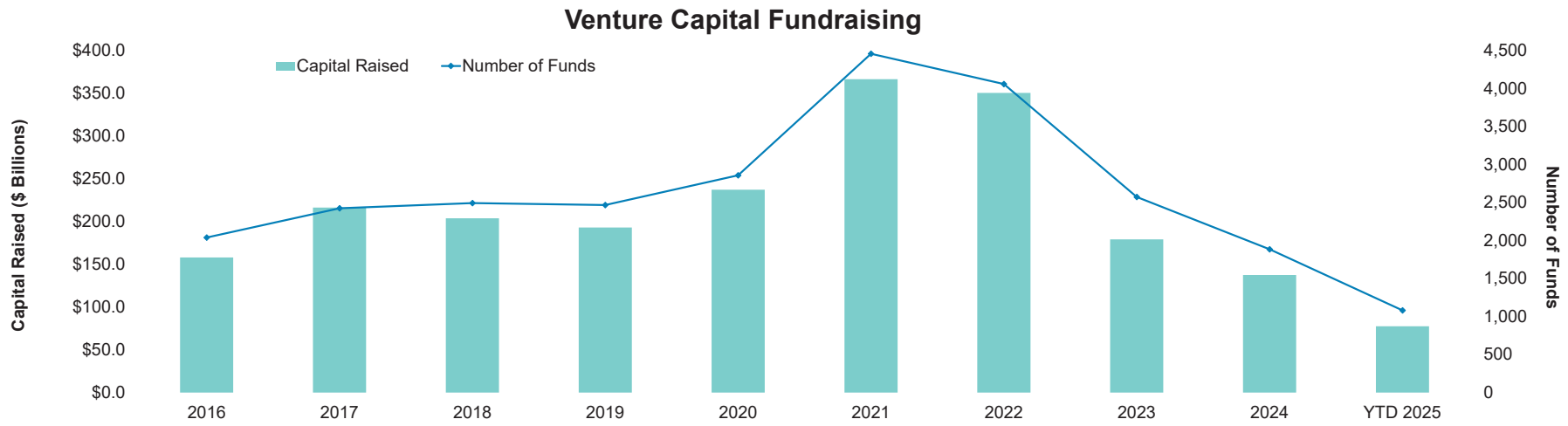
Activity

- Global private equity-backed buyout deals totaled $290.6 billion in Q3 2025, which was an increase on a capital basis of 50.3% compared to Q2 2025 and an increase of 30.2% compared to the five-year quarterly average.[1]
  - By geography, deals in North America accounted for the largest percentage of deal value at an estimated 56.5% in Q3 2025, followed by Europe (28.8%). By industry, information technology deals accounted for the largest percentage of deal value, amassing 42.1% of the quarter's total, followed by consumer discretionary at 14.4%.
- Of deals less than $5.0 billion in size, deals sized between $1.0 billion - $4.9 billion accounted for an estimated 63.7% of deal value YTD through Q3 2025 compared to 54.7% of deal value in 2024. Deals valued between $500.0 million to $999.9 million accounted for the second largest weighting, representing 15.9% of deal value through Q3 2025.[1]
- On a TTM basis, median U.S. private equity buyout EV/EBITDA multiples reached 12.0x at the end of Q3 2025, lower than the 13.7x multiple seen at the end of 2024.[3]
  - This was below the five-year average of 12.7x EBITDA but above the ten-year average of 11.6x EBITDA.
  - This remained below the peak multiple seen in 2021, where the median EBITDA multiple reached 14.1x.
- In Europe, on a TTM basis, median private equity buyout EV/EBITDA multiples reached 12.0x at the end of Q3 2025, below the 12.8x multiple seen at the end of 2024. This was up slightly compared to the five-year average of 11.6x and higher than the ten-year average of 11.2x EBITDA.[3]
- For U.S. buyout deals, equity contributions represented 45.5% of the capital structure in Q3 2025, an increase compared to 43.9% in Q2 2025. For European buyout transactions, equity contributions represented 50.8% of the capital structure in Q3 2025.[3]

Opportunity[4]

- Mid-market managers with value-creation expertise across business cycles
- Managers focused on value-oriented strategies and/or corporate carve-outs

Venture Capital



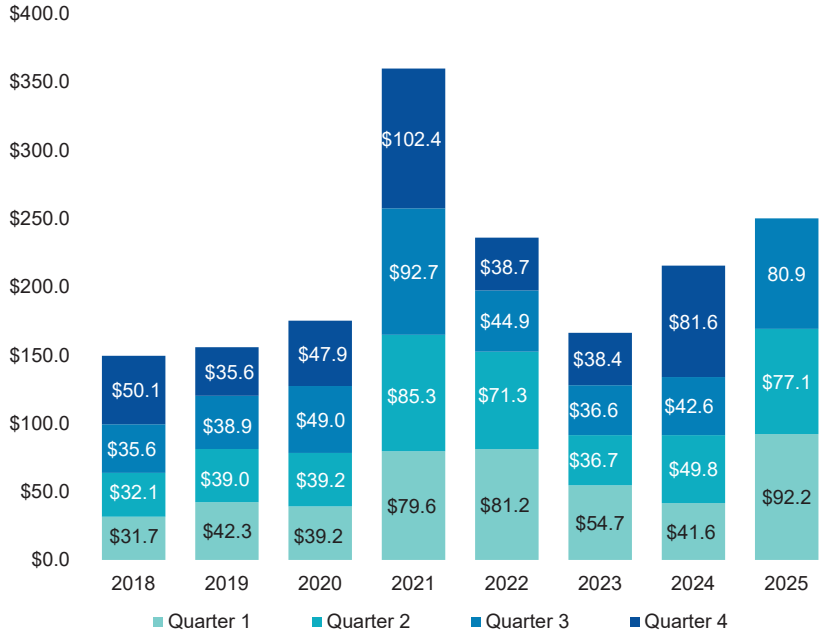
Sources: Preqin

Fundraising

- $27.9 billion of capital was raised by 349 funds in Q3 2025, higher, by capital raised and number of funds closed, than the prior quarter's total of $25.7 billion raised by 342 funds. However, this was lower than the $34.7 billion of capital raised by 463 funds during Q3 2024.[1]
  - Q3 2025 fundraising was 54.3% lower, on a capital basis, compared to the five-year quarterly average of $61.1 billion. The number of funds closed in Q3 2025 was also materially lower than the five-year quarterly average of 777 funds.
  - Suzhou Kuanyu Equity Investment Fund was the largest fund raised during the quarter with total commitments of $3.1 billion.
- At the end of Q3 2025, there were an estimated 7,680 funds in market targeting $423.5 billion.[1]
  - A fund being raised by Zhongwan Capital was the largest fund in market, targeting an estimated $15.5 billion.
  - The majority of funds in market are seeking commitments of $200.0 million or less.
- Dry powder was estimated at $532.4 billion at the end of Q3 2025, down from year-end 2024's total of $663.4 billion.[1]

Venture Capital

U.S. Venture Capital Investments by Quarter ($B)



Source: Pitchbook / NVCA

Activity

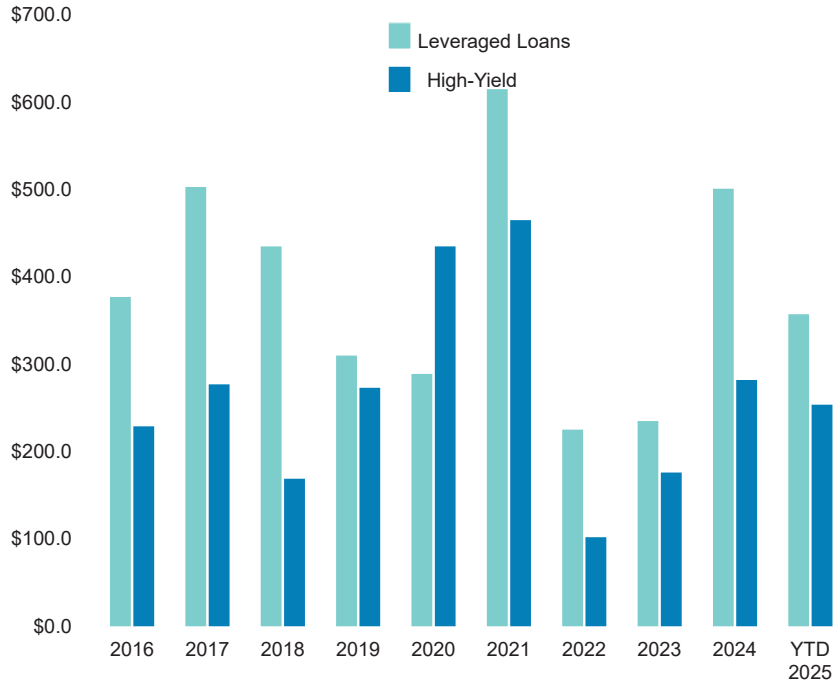
- During the quarter, an estimated 4,208 U.S. venture-backed transactions totaling $80.9 billion were completed, which was an increase of 4.8% on a capital basis and 5.5% by deal count over the prior quarter, which saw an estimated 3,988 deals completed totaling $77.1 billion. This was also an increase of 30.0%, on a capital basis, compared to the five-year quarterly average of $62.2 billion.[7]
  - In Q3 2025, there were 96 U.S.-based deals involving unicorn companies, representing roughly $47.5 billion in deal value, driven by substantial investment in the AI sector. This was up on a capital basis compared to the prior quarter, which saw 94 unicorn-related deals close at a deal value of $38.4 billion. The quarter's unicorn deal value was also above the five-year quarterly average of $24.1 billion.
- Most median pre-money valuations decreased relative to the valuations seen at the end of the prior quarter, with the exception of Seed and Series B valuations. Compared to the prior quarter, Series A valuations decreased from a median pre-money valuation of $63.4 million to $60.0 million, Series C decreased from $357.0 million to $175.0 million, and Series D and later decreased from $1.20 billion to $1.16 billion. Seed valuations increased slightly from $16.5 million to $20.0 million, while Series B valuations increased from $160.0 million to $175.0 million.[8]
- Total U.S. venture-backed exit value increased during the quarter, totaling approximately $74.5 billion across an estimated 362 completed transactions. This compared to $71.0 billion of transaction value across 399 exits in Q2 2025. However, Q3 2025 exit value remained below the five-year quarterly average of $84.0 billion from 377 transactions.[7]
  - The number of U.S. venture-backed initial public offerings was up compared to the prior quarter, with 23 public offerings completed in Q3 2025 at a value of $46.2 billion. 213 exits occurred by acquisition, marking a decrease over the prior quarter's 260 acquisitions, and accounted for $20.0 billion in exit value.

Opportunity [4]

- Early stage continues to be attractive, although we continue to monitor valuations
- Technology sector, with emerging AI, digital health, and potential for new energy & climate-related innovation

Leveraged Loans & Mezzanine

Debt Issuance ($B)



Sources: UBS

Leveraged Loans and High-Yield Market

Fundraising

- New U.S. CLO issuance totaled roughly $53.6 billion in Q3 2025, up from $38.1 billion in Q2 2025.[2]
- Year-to-date high-yield volume increased to $253.7 billion through Q3 2025, ahead of the $232.8 billion seen for the same period in 2024 (+9.0%). This remains below the high levels of issuance seen in 2020 and 2021, however, on an annualized basis, it more closely aligns with the issuance level seen in the pre-Covid years.[2]

Activity

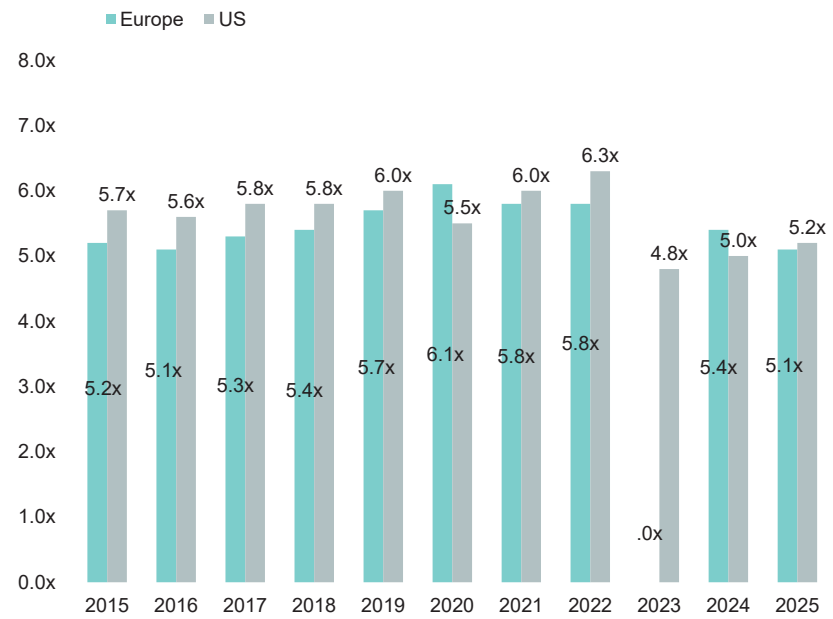
- U.S. institutional leveraged loan volume, excluding repricings and amend-and-extend transactions, reached $357.34 billion through Q3 2025, lagging behind the $399.2 billion seen for the same period in 2024 (-10.0%).[2]
  - Loan issuance for M&A activity is expected to remain strong through the remainder of 2025 in addition to continued activity related to repricing and managing loan maturities. However, continued macro-economic factors may impact these projections.
- European institutional loan issuance totaled €24.2 billion in Q3 2025, which marked a slight increase compared to €23.0 billion in Q2 2025. This remained above the five-year quarterly average of €16.7 billion.[3]

Opportunity [4]

- Funds with the ability to source deals directly and the capacity to scale for large transactions (both sponsored and non-sponsored)
- Funds with an extensive track record, experience through prior credit cycles, and staff with workout experience

Leveraged Loans & Mezzanine

Buyout Leverage (Debt / EBITDA) across European and U.S. Transactions



Sources: Pitchbook / LCD. Issuers with EBITDA of more than $50M.

Activity

- For U.S. buyout transactions, debt comprised 54.5% of completed transactions in Q3 2025, a decrease compared to the prior quarter's total of 56.1%. This compares to the five- and ten-year averages of 53.0% and 55.0%, respectively.[3]
- The average debt multiples for U.S. buyout transactions increased slightly compared to 2024, increasing from 5.0x to 5.2x through Q3 2025. Debt structures continue to be heavily weighted towards first-lien debt, with a lower exposure to second-lien, other senior debt, and sub debt.[3]
- While UBS expects activity to remain robust through the remainder of 2025, key events to consider that may impact activity include the progression of rate cuts by the Federal Reserve, regulatory and policy changes implemented by the Trump administration, and continued geopolitical events.[2]

Mezzanine

Fundraising

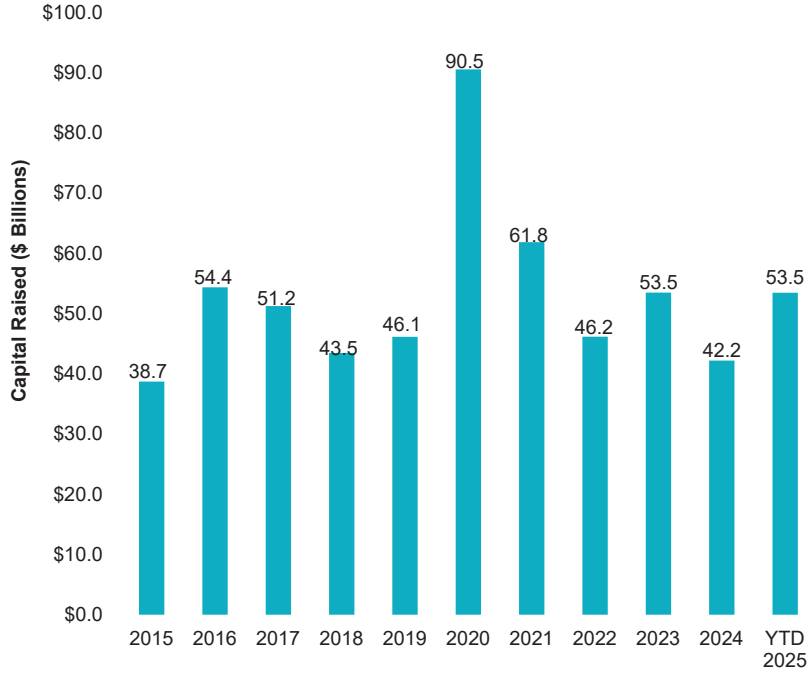
- 8 funds closed on $1.5 billion during the quarter, a slight decrease, on a capital basis, from the prior quarter's total of $1.7 billion raised by 7 funds. Capital raised in Q3 2025 was also a decrease of 57.1% compared to Q3 2024. Capital raised during the quarter represented a significant decrease compared to the five-year quarterly average of $6.2 billion.[1]
- Estimated dry powder was $44.8 billion at the end of Q3 2025, down from $52.2 billion at the end of 2024.[1]
- An estimated 123 funds were in market targeting $31.6 billion of commitments. Blackstone Capital Opportunities Fund V was the largest fund in market targeting commitments of $10.0 billion.[1]

Opportunity [4]

- Funds with the capacity to scale for large sponsored deals

Distressed Private Markets

Distressed Debt, Turnaround, & Special Situations Fundraising

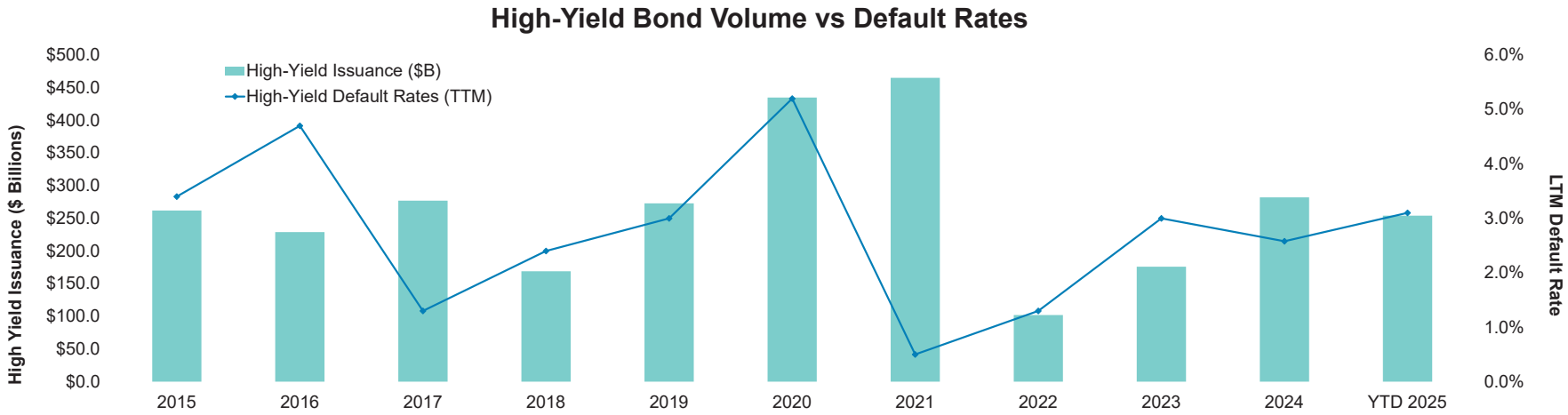


Source: Preqin

Fundraising

- During the quarter, $12.1 billion was raised by 15 funds, up from the $10.3 billion raised by 8 funds during Q2 2025. Capital raised through Q3 2025 represented 126.7% of 2024's total of $42.2 billion.[1]
  - Capital raised in Q3 2025 decreased by 27.9% compared to Q3 2024's total of $16.8 billion.
  - Capital raised in Q3 2025 was also 17.8% lower than the five-year quarterly average of $14.7 billion.
  - The average closed fund size was $1.0 billion in Q3 2025, lower than the $1.5 billion average seen in Q2 2025. However, this an increase of 29.5% compared to the five-year quarterly average of $777.4 million.
- Dry powder was estimated at $147.7 billion at the end of Q3 2025, which was up 5.7% from year-end 2024. However, this remained below the five-year average level of $158.6 billion.[1]
- Roughly 285 funds were in the market at the end of Q3 2025 seeking $114.5 billion in capital commitments.[1]
  - Special situations managers were targeting the most capital, seeking approximately 59.3% of commitments, followed by distressed debt managers seeking 39.8% of commitments.
  - Clearlake Capital Partners VIII was the largest fund in market with a target fund size of $15.0 billion.

Distressed Private Markets



Sources: UBS / Fitch Ratings

Activity

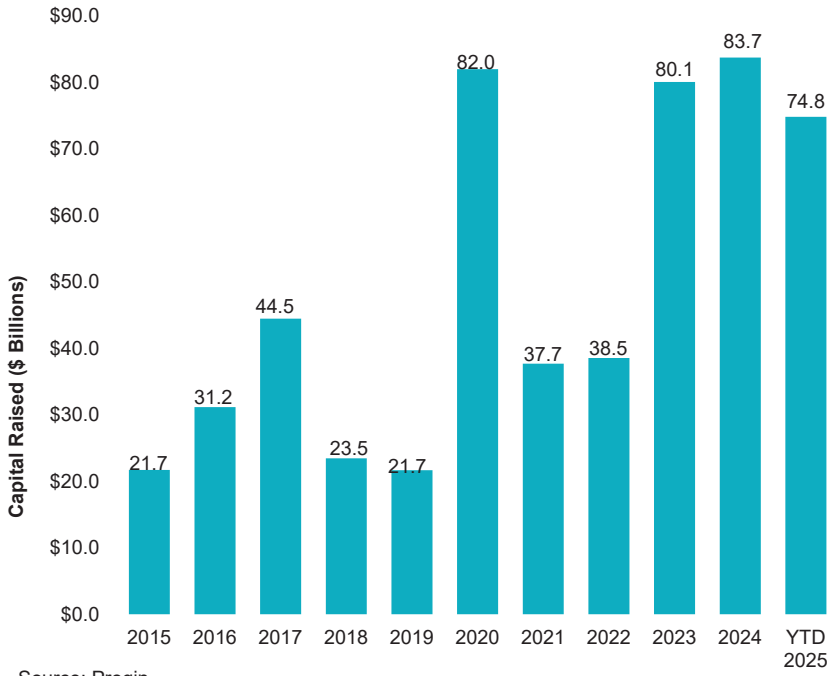
- The TTM U.S. high-yield bond default rate was 3.1% as of September 2025, equal to the rate seen in June 2025, and up from March 2025's TTM rate of 2.0%. Fitch expected the high-yield default rate to trend higher in 2025, with forecasted default rates in 2025 of 4.0% to 4.5%.[6]
- Continued market dislocations caused by macroeconomic factors as well as higher-for-longer interest rates may supply additional distressed opportunities in the next several months, notably if the default rate moves higher.

Opportunity [4]

- Funds capable of performing operational turnarounds
- Funds with the flexibility to invest globally

Secondaries

Annual Secondary Fundraising



Source: Preqin

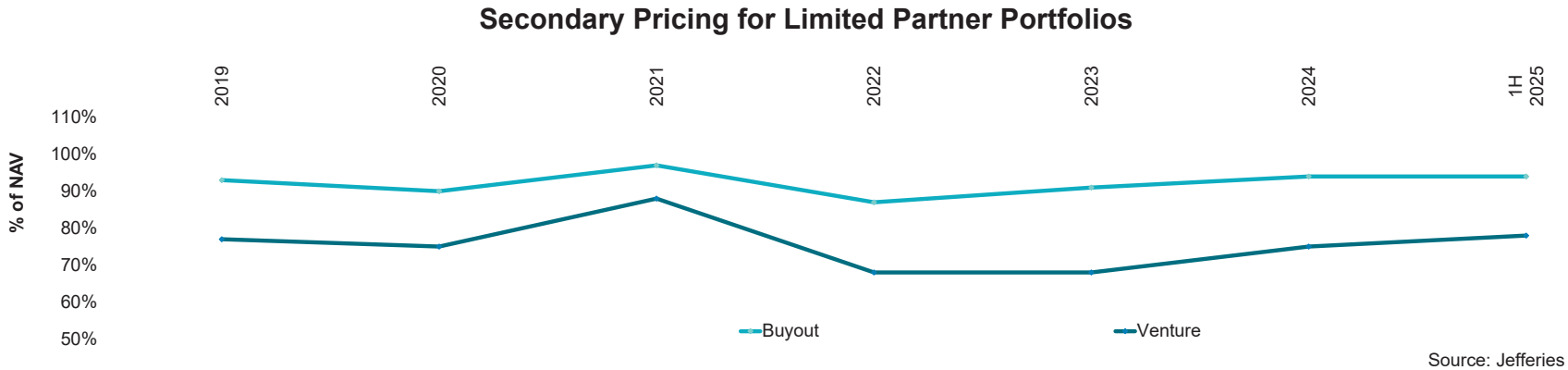
Fundraising

- 10 funds raised $30.5 billion during Q3 2025, up significantly from the $10.2 billion raised by 11 funds in Q2 2025. This was also an increase compared to the five-year quarterly average of $16.0 billion. Notably, the average fund size closed during the quarter increased to $3.3 billion, up 301.6% compared to the five-year quarterly average fund size, as more capital was raised by a fewer number of funds.[1]
  - AlpInvest Secondaries Program VIII was the largest fund closed during the quarter with total commitments of $20.2 billion.
- At the end of Q3 2025, there were an estimated 244 secondary funds in market targeting roughly $104.1 billion. The majority of secondary funds are targeting North American investments.[1]
  - Goldman Sachs Vintage X was the largest fund being raised, seeking $14.2 billion in commitments.

Activity

- Limited Partner transactions continue to have participation from a broad base of buyers and sellers with selling activity spread across LP seller types. Notably, on the buy side, there has been an influx of retail capital stemming from ’40 Act Funds.[16]
- Given the continued liquidity needs of Limited Partners, and the effects of slower distributions and longer hold periods, Jefferies expects continued adoption of secondaries transactions by a growing number of Limited Partners.[16]
- Dry powder levels remains robust, as many of the the largest secondary players have raised capital over the last 24 months. Notably, these firms are able to write larger checks to purchase sizable LP portfolios or participate in larger GP-led transactions.[14]
- Jefferies noted continued demand for secondary transactions involving new vintage year exposure with well-regarded, high conviction managers. Demand for transactions involving middle-market buyouts in North America and Western Europe continues to be strong.[16]

Secondaries



Source: Jefferies

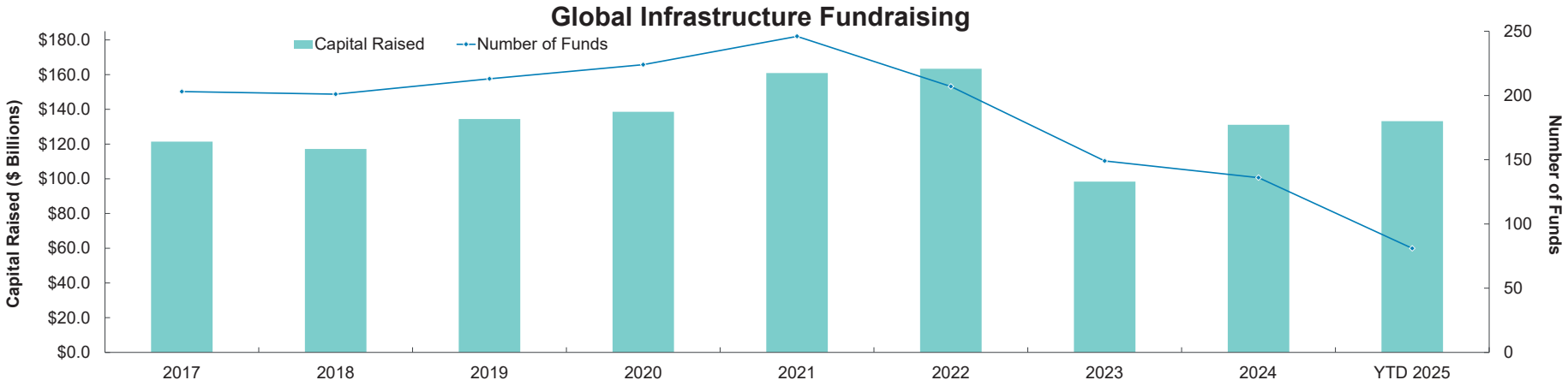
Activity

- Limited partner portfolio pricing continued to improve relative to the lows seen in H2 2022 given public market price momentum and more aggressive buyer activity. The average discount rate for LP buyout and venture capital portfolios finished 1H 2025 at 6.0% and 22.0%, respectively, with buyout discounts being flat and venture discounts decreasing 100 bps compared to Q1 2025. Jefferies expects pricing to remain relatively consistent in 2025 as demand remains stable, notably from retail entrants into the market and recent fundraising activity by large secondary managers. This, coupled with secondary dry powder available to invest, is expected to drive strong transaction volume through the remainder of 2025.[17]
- Payment deferrals and structured equity solutions, notably mosaic structures, continue to be prevalent in the LP transactions and are commonly used to improve pricing and deal returns in an increasingly competitive environment. [16]
- GP-led transactions continue to represent a large portion of secondaries transactions, which is expected to continue through the end of 2025. Numerous factors support a healthy GP-led market including Limited Partner's desire for liquidity, an increase in funds and capital targeting GP-led transactions, and a growing universe of potential syndicate investors.[17]
- According to a recent survey conducted by PJT, a higher percentage of GPs indicated use of the secondaries market in the next 24 months to not only provide liquidity to Limited Partners, but also to increase follow-on investments in high performing companies. Roughly 63% of respondents indicated the use of secondaries as likely or highly likely over the next 24 months.[14]

Opportunity [4]

- Funds that are able to execute complex transactions
- Niche strategies

Infrastructure



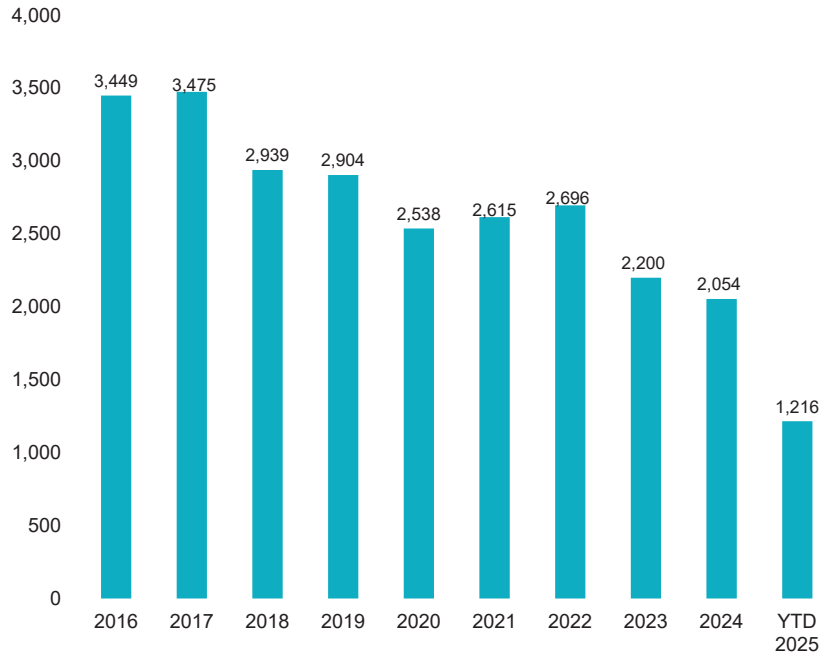
Fundraising

Source: Preqin

- $15.9 billion of capital was raised by 15 funds in Q3 2025 compared to $53.4 billion of capital raised by 31 funds in Q2 2025 and $17.8 billion of capital raised by 22 funds in Q3 2024. Aggregate capital raised through Q3 2025 ($133.2 billion) exceeds the total for the entirety of 2024 ($131.7 billion).[1]
  - Capital raised in Q3 2025 represented a decrease of 57.5% compared to the five-year quarterly average of $37.3 billion. Similarly, the number of funds closed in Q3 2025 decreased by 67.7%.
  - Funds with a primary geographic focus on Europe raised more capital during the quarter than funds targeting North America.
  - Asterion Industrial Infra Fund III was the largest fund closed during the quarter with aggregate commitments of $4.0 billion.
- As of the end of Q3 2025, there were an estimated 714 unlisted infrastructure funds in the market seeking roughly $572.0 billion.[1]
  - ANREN Fund, a fund being raised by NGPF, was the largest fund in market with a target fund size of $100.0 billion.
  - The 10 largest funds in market are currently seeking a combined $224.4 billion in capital.
- Concerns surrounding the relative availability and pricing of assets remain. Fundraising remains competitive given the number of funds and aggregate target level of funds in market. Investor appetite for the asset class persists despite the strong levels of dry powder and increased investment activity from strategic and corporate buyers as well as institutional investors.

Infrastructure

Number of Infrastructure Deals Completed



Source: Preqin

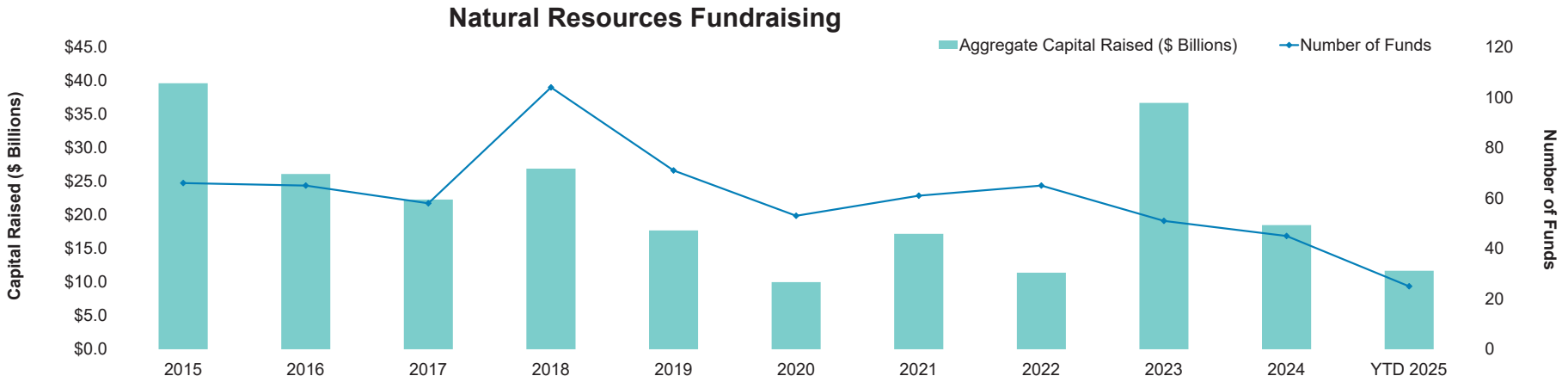
Activity

- Infrastructure managers completed 340 deals for an aggregate deal value of $70.1 billion in Q3 2025, a decrease, on a capital and number of deals basis, compared to 397 deals totaling $77.7 billion completed in Q2 2025.[1]
  - By region, North America produced the largest value of completed deals, with 42.9% of deal value being completed in the region, followed by Europe at 28.0%. APAC amassed only 8.9% of value during Q3 2025.
- Infrastructure dry powder totaled $299.3 billion at the end of Q3 2025, a decrease compared to $390.5 billion at the end of 2024.[1]

Opportunity[4]

- Mid-market value-add infrastructure funds, infrastructure investments in power generation and distribution and renewable energy projects such as wind, solar, and hydro, which align with sustainability goals and long-term energy demand
- Infrastructure funds supporting the global shift from fossil fuels to cleaner energy sources, specifically outside the U.S., tapping into international policy momentum and market gaps
- Investing in market-leading platforms for data center development and expansion, capitalizing on the growing demand for digital infrastructure and cloud services

Natural Resources



Source: Preqin

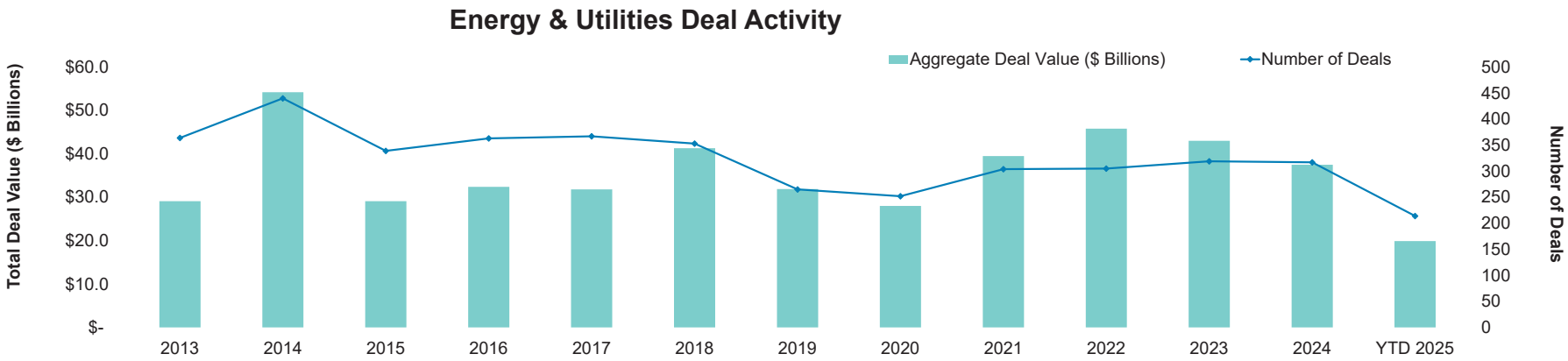
Fundraising

- During Q3 2025, 2 funds closed on $0.3 billion, a significant decrease compared to 12 funds closing on $7.8 billion during the prior quarter. This was also a decrease of 94.0% compared to the five-year quarterly average.[1]
- Dry powder stood at roughly $49.4 billion at the end of Q3 2025, which was down compared to year-end 2024's level of $64.5 billion. This was also below the five-year average of $58.6 billion.[1]

Activity

- Crude oil and natural gas prices decreased quarter-over-quarter, while crude oil prices decreased and natural gas prices increased on a year-over-year basis.
  - WTI crude oil prices decreased 6.2% during the quarter to $63.96 per bbl. This was also a decrease of 8.9% compared to Q3 2024.[10]
  - Brent crude oil prices ended the quarter at $67.99/bbl, down 4.8% compared to the prior quarter. This was also a decrease of 8.1% from Q3 2024.[10]
  - Natural gas prices (Henry Hub) finished Q3 2025 at $2.97 per MMBtu, which was down 1.7% compared to the prior quarter, but up 30.3% from Q3 2024.[10]

Natural Resources



Source: Preqin

Activity

- 68 energy and utilities buyout deals totaling $9.8 billion were completed in Q3 2025, an increase, on a value basis, compared to 68 completed deals totaling $7.6 billion in Q2 2025.[1]
- A total of 540 crude oil and natural gas rotary rigs were in operation in the U.S. at the end of the quarter. This was down by 5.4% from the prior quarter and down 7.8% over Q3 2024.[13]
  - Crude oil rigs represented 77.0% of the total rigs in operation. 256 of the 416 active oil rigs were in the Permian basin.
  - At the end of Q3 2025, 33.1% and 20.3% of natural gas rigs were operating in the Haynesville and Marcellus basins, respectively.
- The price of iron ore (Tianjin Port) ended the quarter at $104.42 per dry metric ton, up from $94.47 at the end of Q2 2025.[10]

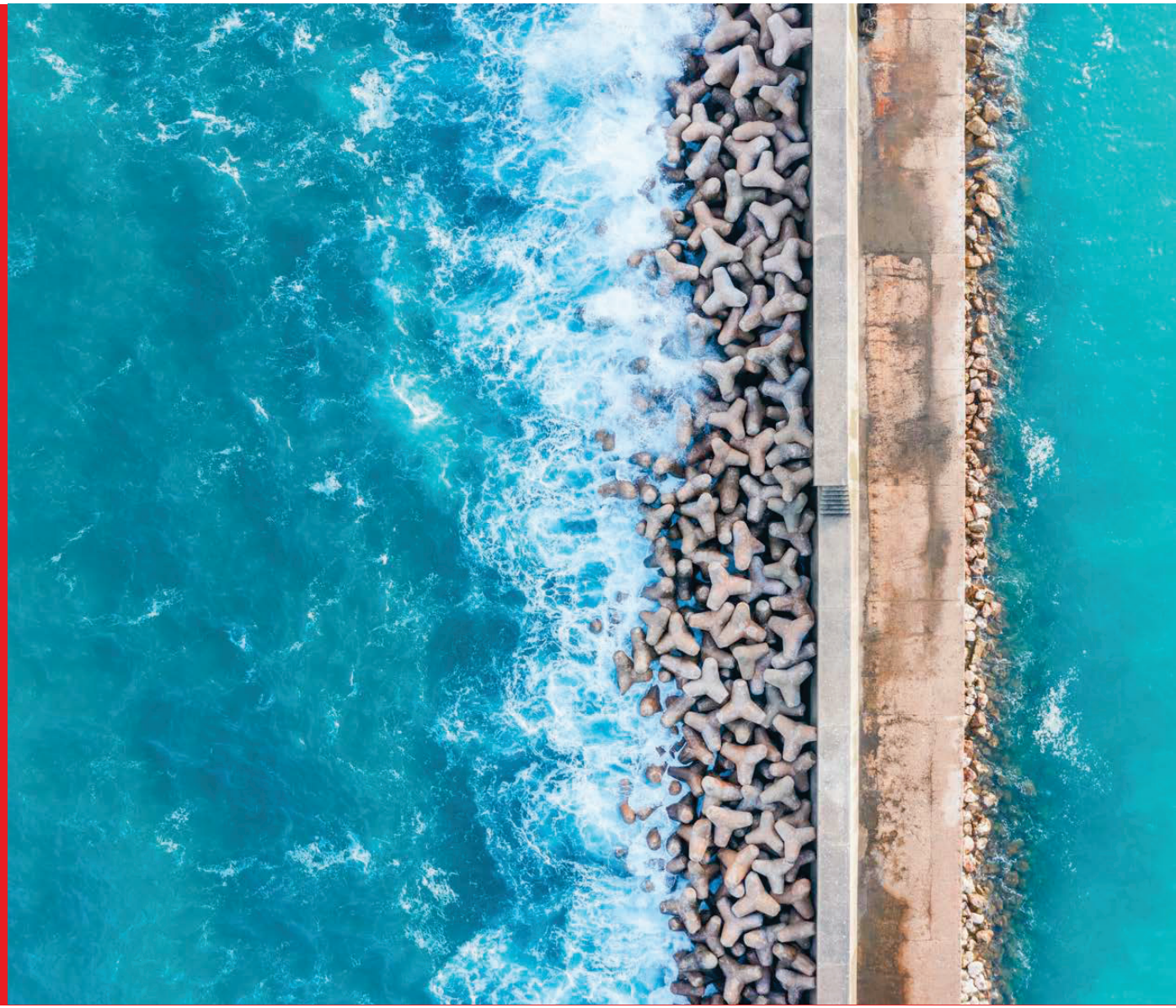
Opportunity[4]

- Acquire and exploit existing oil and gas strategies over early-stage exploration in core U.S. and Canadian basins
- Select midstream opportunities

AON

Q3 2025 Real Estate Market Overview

October 2025

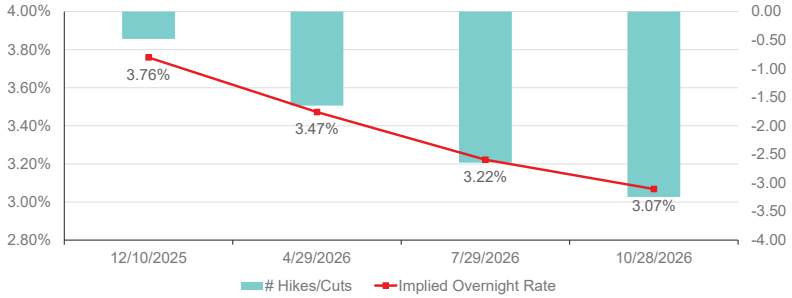


Macro Factors Impacting Real Estate Cycle

Lower interest rates and real estate implications

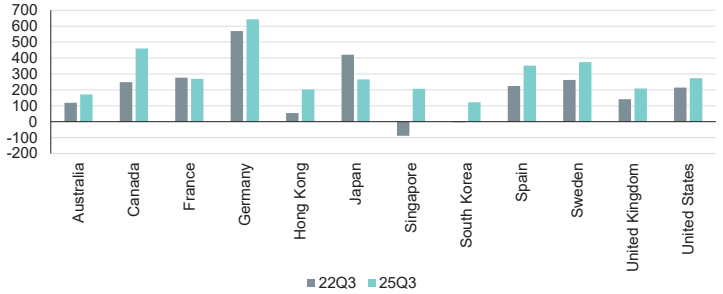
Interest Rates Forecasted to Decline…

U.S. Fed Funds Futures



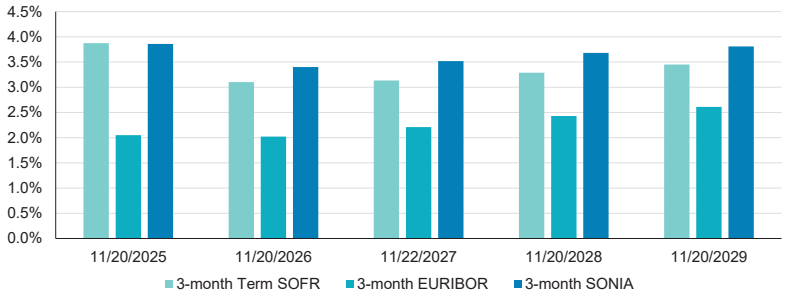
…And Wider Gap Between Real Estate Yields and Fixed Income

10-Yr Gov't Bond Yields vs. Average Cap Rate (Office, Industrial, Retail) Spreads



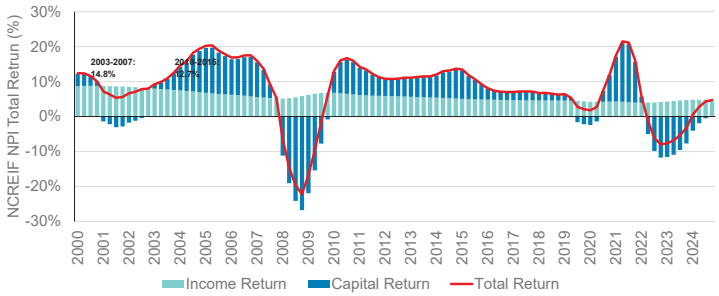
…Driving Compression in Financing Spreads

Global Financing Forward Curves



Total Investment Activity by Asset Class

Investment activity is down across almost all asset classes



Source: Bloomberg (November 2025), Chatham Financial (November 2025), MSCI RCA (November 2025), NCREIF (October 2025), Townsend Group.

Townsend's views are as of the date of this publication and may be changed or modified at any time and without notice. Past performance is not indicative of future results. Actual results and developments may differ materially from those expressed or implied herein.

Regional Macro Indicators

Global economic resilience despite tariff uncertainty

United States: The Fed Lends A Helping Hand

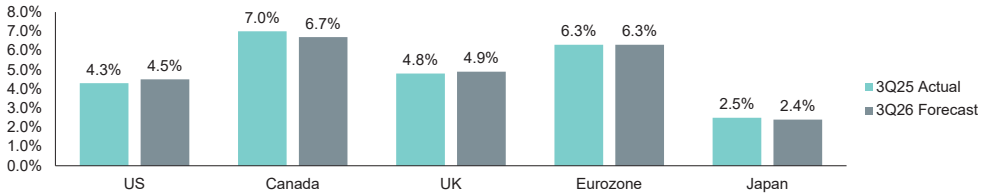
- Trade tariffs and softening labor market data forecasted to impact near-term GDP
- After the Fed cut rates by 25bps in September, U.S. Fed Fund Futures imply further rate cuts and lower over night rates to boost economy
- The combination of tariffs and rate cuts is expected to moderately increase inflation

Global Economy: Showing Resilience

- Outside of the U.S. and China, major global economies are projected to improve
- European Union funds established during the pandemic are expected to provide boost to infrastructure and local economic investment. Tariff negotiation outcomes have come in much lower than originally proposed, but may have impact on costs/labor
- ECB rate policies will likely remain on hold in near-term; BoJ forecasted to have +25bp increase

Softening Labor Figures Driving Projected Interest Rat Cuts

Unemployment Rate (%)



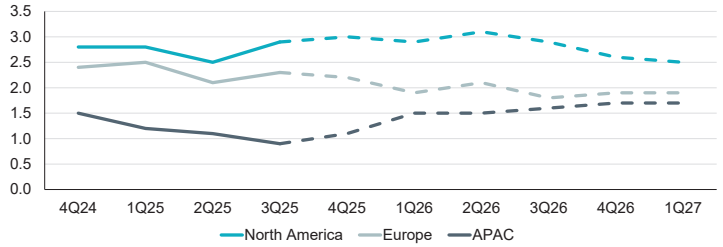
U.S. GDP Outlook Declining Amidst Tariff Uncertainty

Real GDP Forecasts (YoY%)

	November 2025 (2H25)				Change from July Forecast (1H25)			
	2024	2025	2026	2027	2024	2025	2026	2027
Major Regions								
North America	2.6	1.8	1.7	2.0	0.0	**0.5**	**0.3**	0.0
European Union	1.1	1.5	1.4	1.7	**0.1**	**0.4**	-0.1	0.0
Asia Pacific	4.4	3.9	3.9	3.8	-0.1	**0.1**	**0.2**	0.0
Selected Markets								
United States	2.8	1.9	1.8	2.0	0.0	**0.5**	**0.3**	0.0
United Kingdom	1.1	1.4	1.1	1.4	0.0	**0.5**	-0.1	-0.1
Germany	-0.5	0.3	1.0	1.5	-0.3	**0.3**	-0.1	-0.1
China	5.0	4.9	4.3	4.1	0.0	**0.7**	**0.3**	**0.1**
Japan	-0.2	1.1	0.7	0.8	-0.3	**0.1**	-0.1	0.0
Australia	1.1	1.8	2.2	2.3	0.0	-0.1	-0.1	-0.2

Inflation Forecasted to Increase in North America and APAC

CPI Forecasts



Source: Townsend Group, Bloomberg (November 2025).

Townsend's views are as of the date of this publication and may be changed or modified at any time and without notice. Past performance is not indicative of future results. Actual results and developments may differ materially from those expressed or implied herein.

U.S. Real Estate Market Conditions Improving

Most property sectors poised for growth

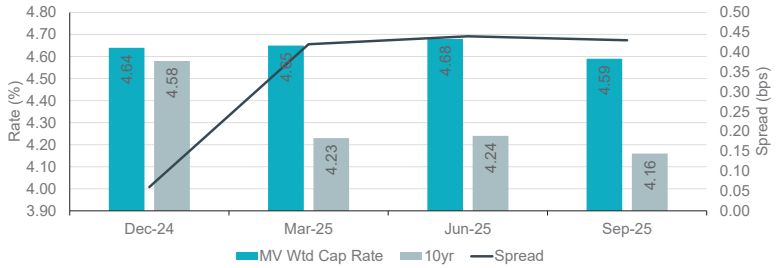
Returns Expected to Increase Through 2027

PREA Consensus Unlevered Gross Return Forecasts (3Q25)

Sector	2025	2026	2027	25-29
NPI All Property	4.6%	6.3%	7.3%	6.7%
Office	2.8%	4.9%	6.2%	5.6%
Retail	7.3%	7.5%	7.8%	7.4%
Industrial	4.7%	6.1%	7.2%	6.5%
Residential	4.9%	6.9%	7.6%	6.9%
Seniors Housing	9.6%	9.7%	9.6%	9.4%
Self Storage	4.9%	5.8%	7.5%	6.7%

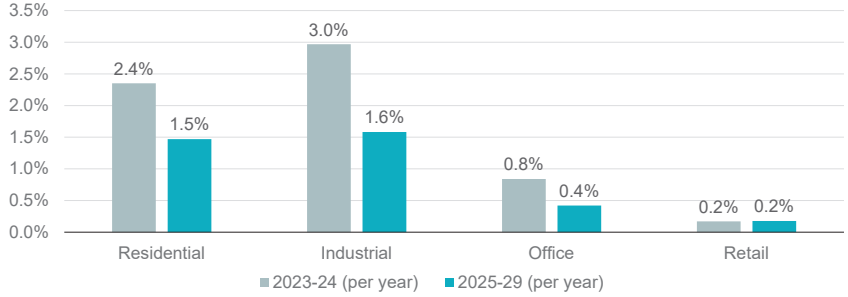
Spreads Widened Between Private Real Estate Valuations & 10yr Treasury

NPI Current Value Cap Rate Versus 10yr Treasury



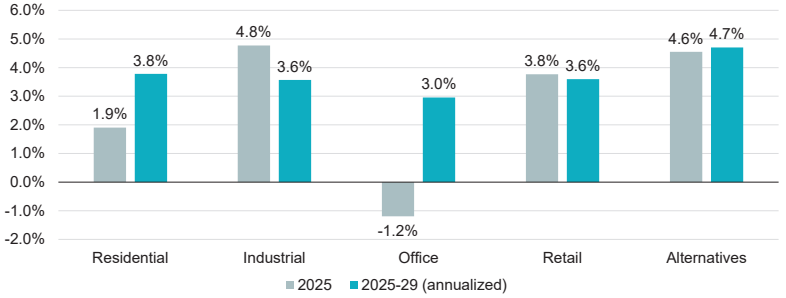
Supply Growth is Contracting Meaningfully Across Sectors

Annual Completions as % of Existing Stock



Growth Forecasts Remain Above Long-Term Inflation

NOI Growth



Source: Pension Real Estate Association (Third Quarter 2025), NCREIF, St. Louis Fed (Third Quarter 2025), Green Street (August 2025). Alternatives NOI Growth is the average of Cold Storage, Health Care, Single Family Rental, Data Center, Manufactured Housing, and Self Storage.

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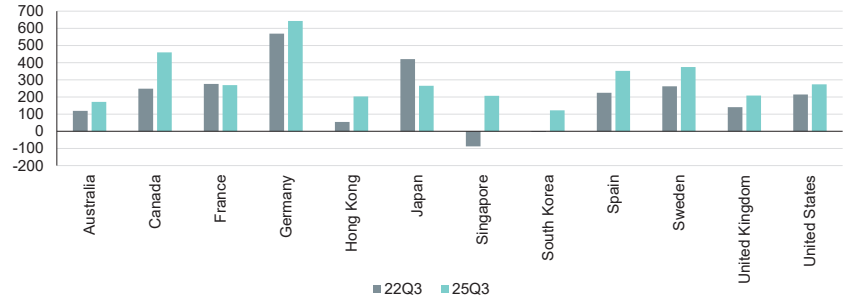
Global Economic Conditions

Global economic resilience despite tariff uncertainty

Spreads Widening Between Real Estate Yields and Fixed Income

10-yr Gov't Bond Yields vs. Average Cap Rate (Office, Industrial, Retail) Spreads



North American GDP Outlook Declining Amidst Tariff Uncertainty

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Germany	-0.5	0.3	1.0	1.5
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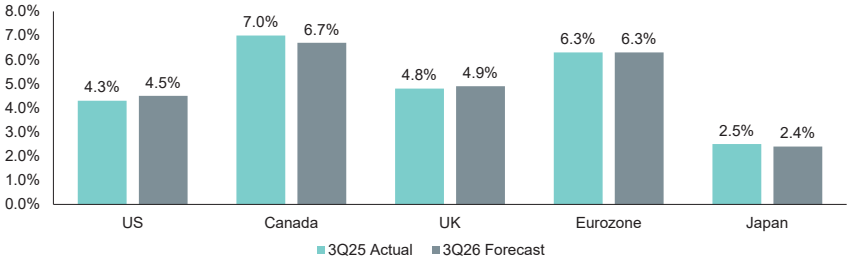
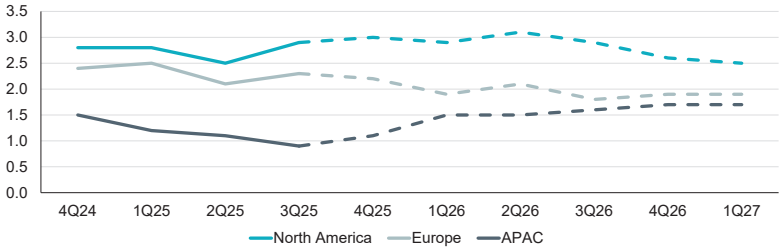
Softening Labor Figures Driving Projected Interest Rate Cuts

Unemployment Rate (%)



Inflation Forecasted to Increase in North America and APAC

CPI Forecasts



Source: Townsend Group, Bloomberg (November 2025).

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REPORT

Meketa Capital Markets Outlook & Risk Metrics

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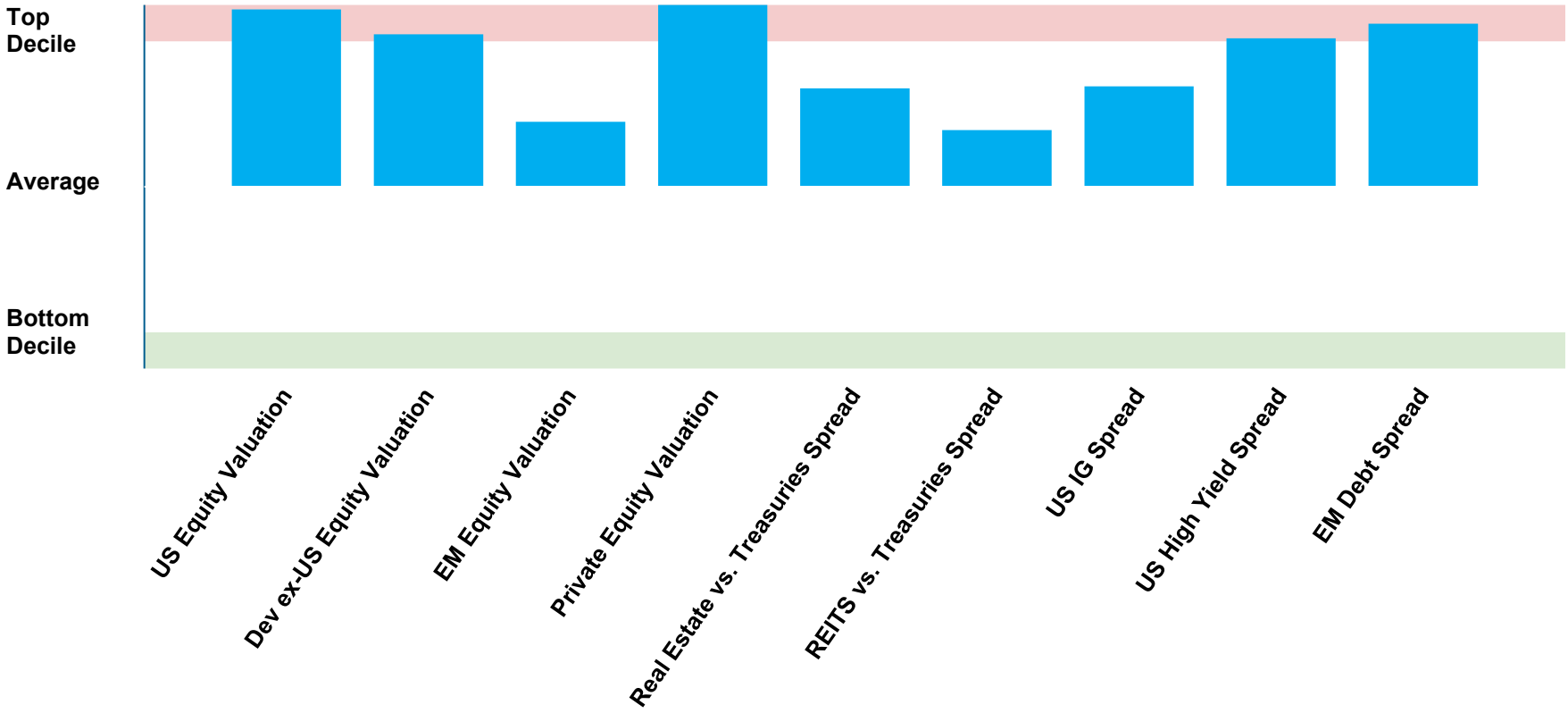
Capital Markets Outlook and Risk Metrics

As of December 31, 2025

Capital Markets Outlook

- The Federal Reserve cut the Fed Funds Rate to 3.5% at the December meeting with a cautious outlook for the pace of future rate cuts in 2026.
- US stocks were close to flat in December with value stocks slightly outperforming growth stocks. Large cap growth stocks were the best performing US stocks for the year with the Russell 1000 growth index up over 18% while the broader S&P 500 was up 17.9%.
- Non-US stocks outperformed US stocks in December with the MSCI EAFE index up 3.0% for the month and up over 31% for 2025. The declining US dollar in the first half of the year drove over 10% of the gain for US investors, as the MSCI EAFE index was up just 20.6% in local currency terms.
- Emerging market stocks matched non-US developed stocks in December, returning 3.0% and up 33.5% for 2025. In 2025, emerging market performance was helped by technology heavy regional indices including China (+31.1%), Taiwan (+39%) and South Korea (+100%).
- MSCI China stocks fell in December (-1.2%) but returned over 31% for 2025 while the MSCI EM ex-China offered positive performance in December (+4.7%) and outperformed China in 2025, returning 34.6%.
- US bond markets were mixed in December with the Agg slightly negative (-0.15%), high yield posting modest gains (+0.6%), TIPS producing flat returns.
- Natural resource stocks continued their blistering rally in December, while infrastructure, real estate, and utility stocks sold off. Gold mining stocks rallied in December and returned over 169% for 2025.

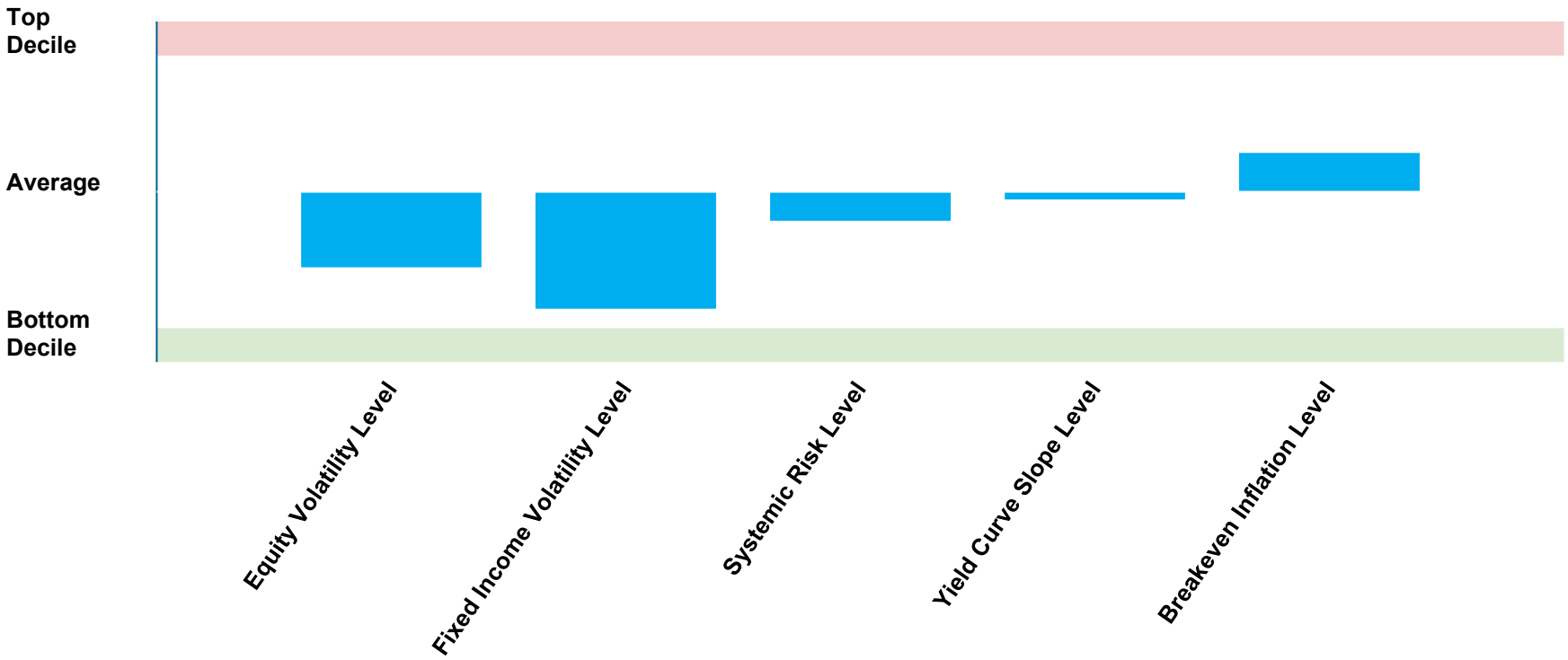
Risk Overview/Dashboard (1)[1]
(As of December 31, 2025)



→ Dashboard (1) summarizes the current state of the different valuation metrics per asset class relative to their own history.

[1] With the exception of Private Equity Valuation data are year-to-date through 12/31/24.

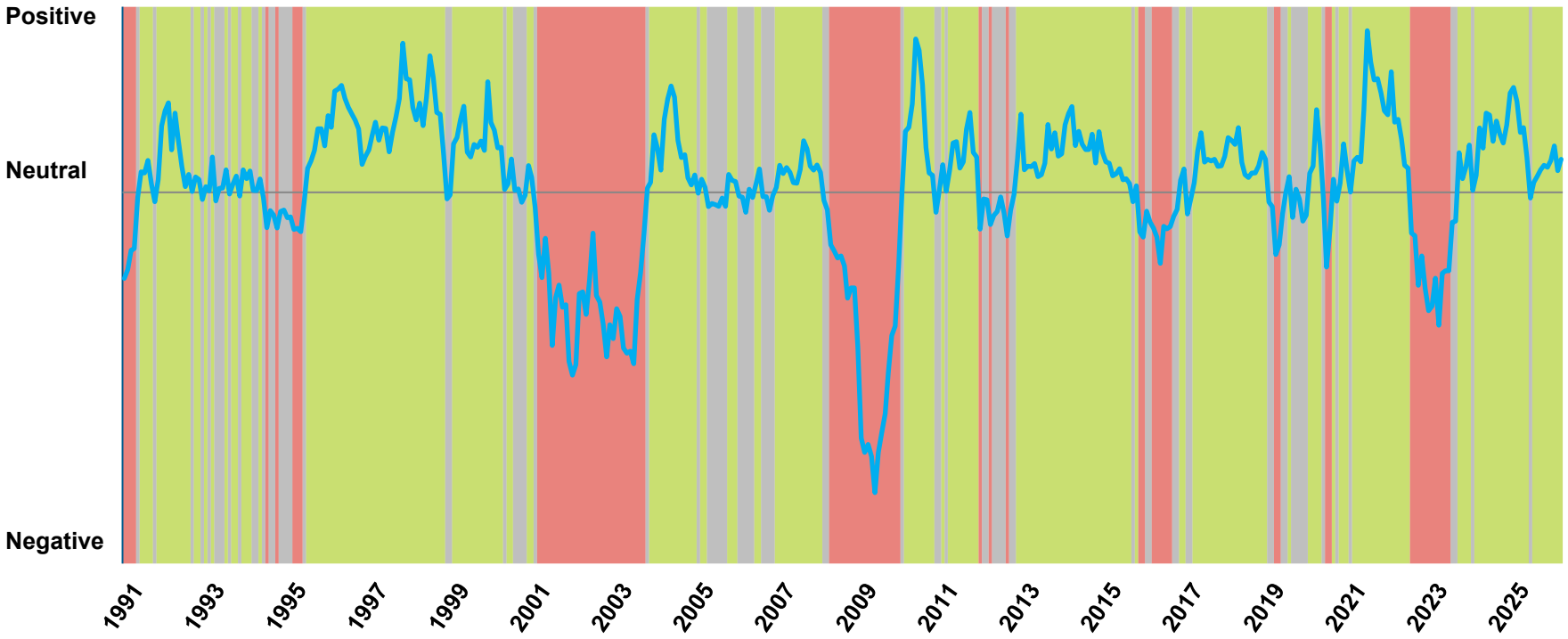
Risk Overview/Dashboard (2)
(As of December 31, 2025)



→ Dashboard (2) shows how the current level of each indicator compares to its respective history.

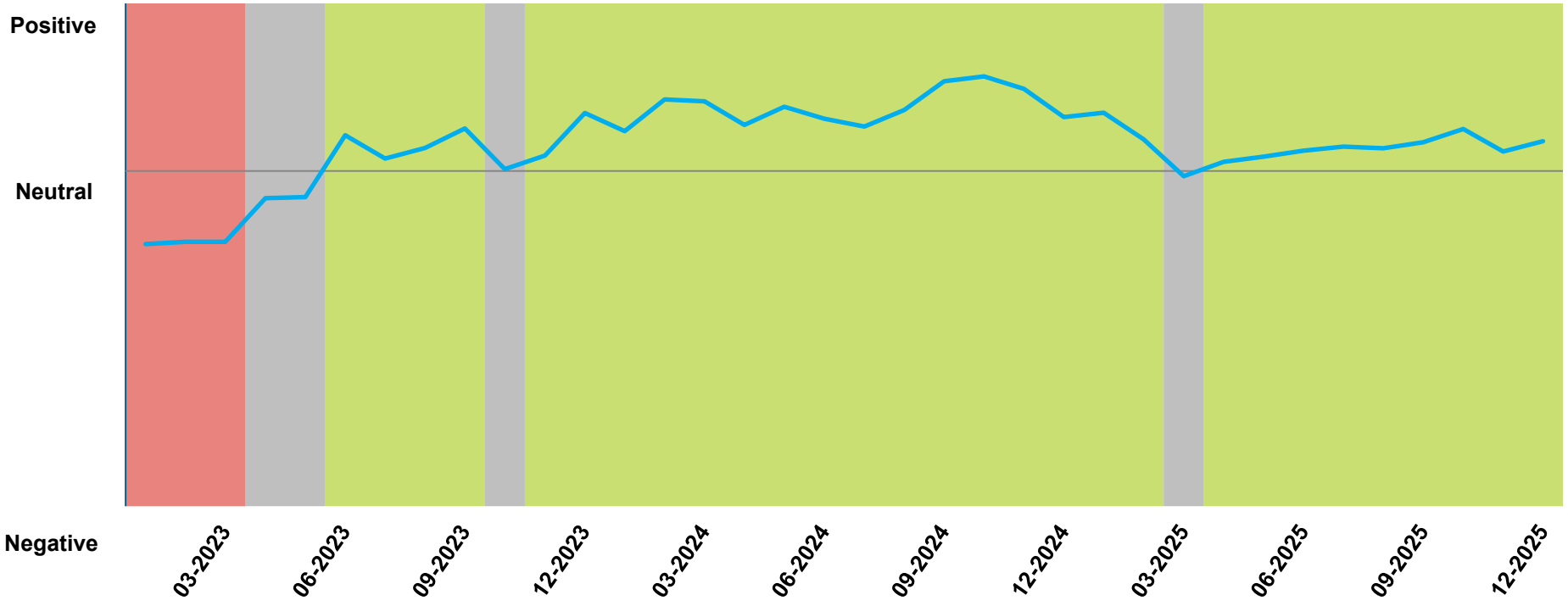
Market Sentiment Indicator (All History)

(As of December 31, 2025)

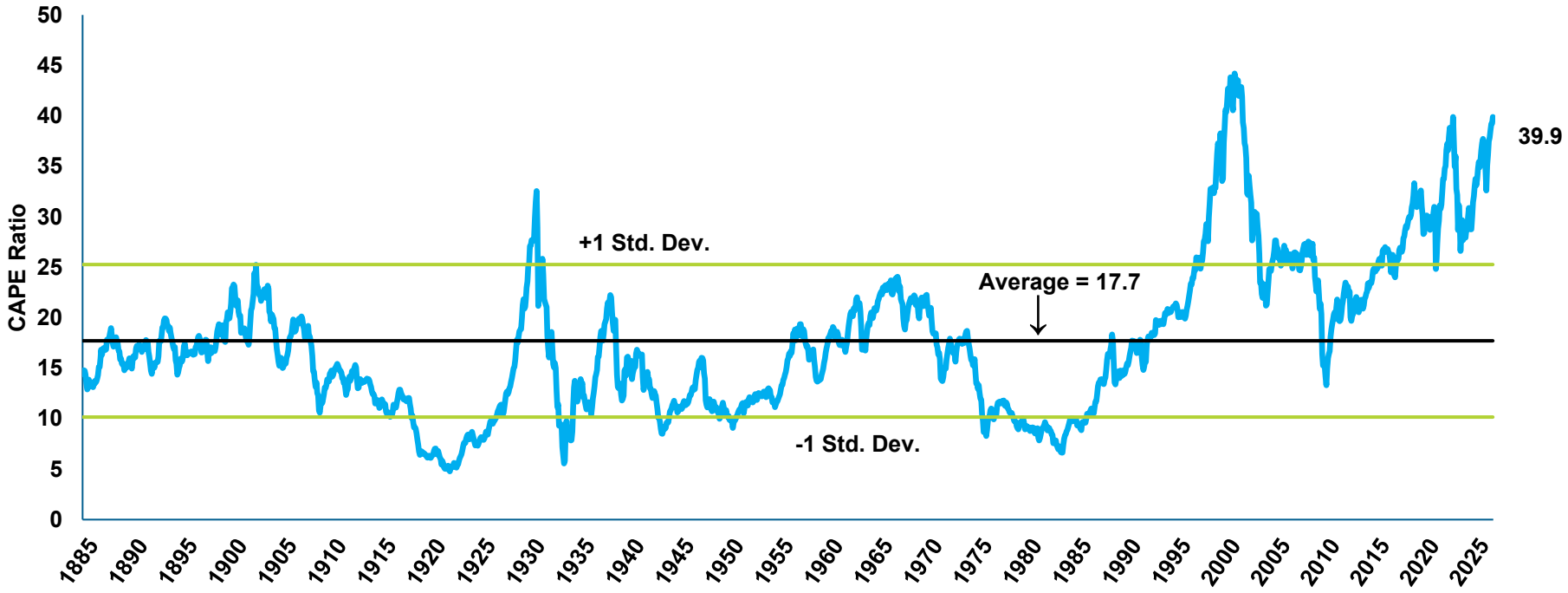


Market Sentiment Indicator (Last Three Years)

(As of December 31, 2025)



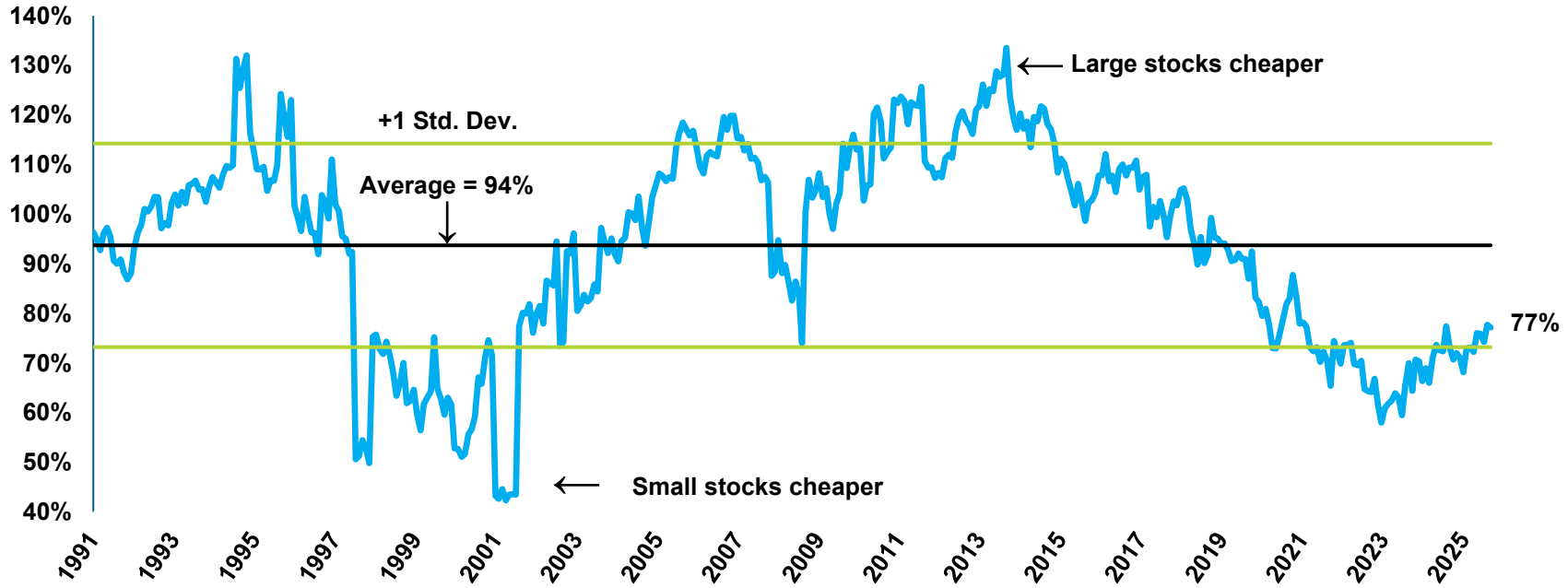
US Equity Cyclically Adjusted P/E[1]
(As of December 31, 2025)



→ This chart details one valuation metric for US equities. A higher (lower) figure indicates more expensive (cheaper) valuation relative to history.

[1] US Equity Cyclically Adjusted P/E on S&P 500 Index. Source: Robert Shiller, Yale University, and Meketa Investment Group.

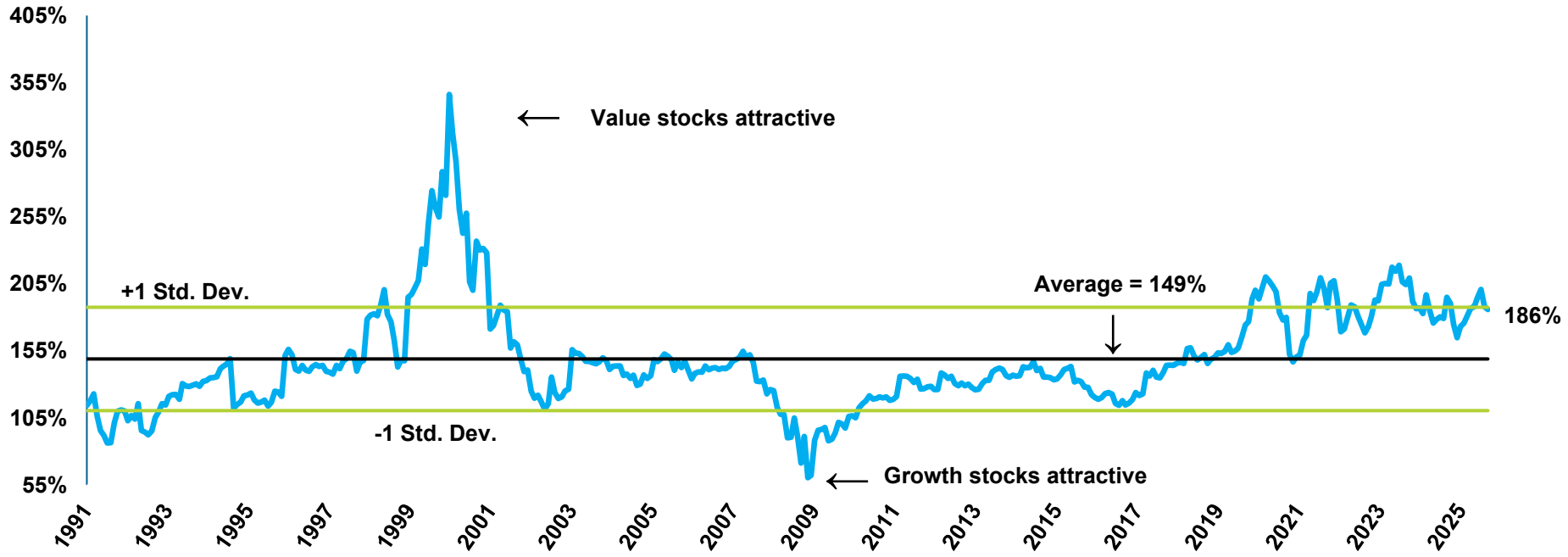
Small Cap P/E vs. Large Cap P/E[1]
(As of December 31, 2025)



→ This chart compares the relative attractiveness of small cap US equities vs. large cap US equities on a valuation basis. A higher (lower) figure indicates that large cap (small cap) is more attractive.

[1] Small Cap P/E (Russell 2000 Index) vs. Large Cap P/E (Russell 1000 Index) - Source: Russell Investments and Bloomberg. Prior months unavailable on Bloomberg are backfilled with last reported earnings. Earnings figures represent 12-month "as reported" earnings.

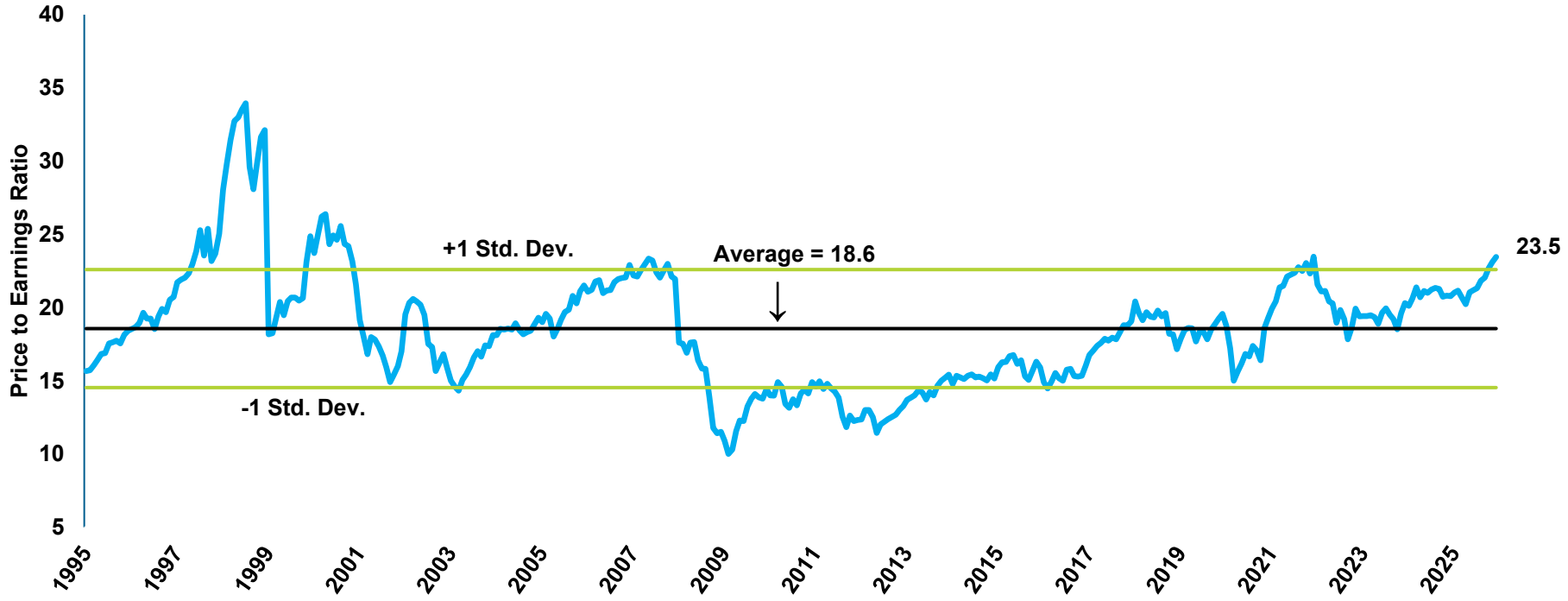
Growth P/E vs. Value P/E[1]
(As of December 31, 2025)



→ This chart compares the relative attractiveness of US growth equities vs. US value equities on a valuation basis. A higher (lower) figure indicates that value (growth) is more attractive.

[1] Growth P/E (Russell 3000 Growth Index) vs. Value (Russell 3000 Value Index) P/E - Source: Bloomberg, MSCI, and Meketa Investment Group. Earnings figures represent 12-month "as reported" earnings.

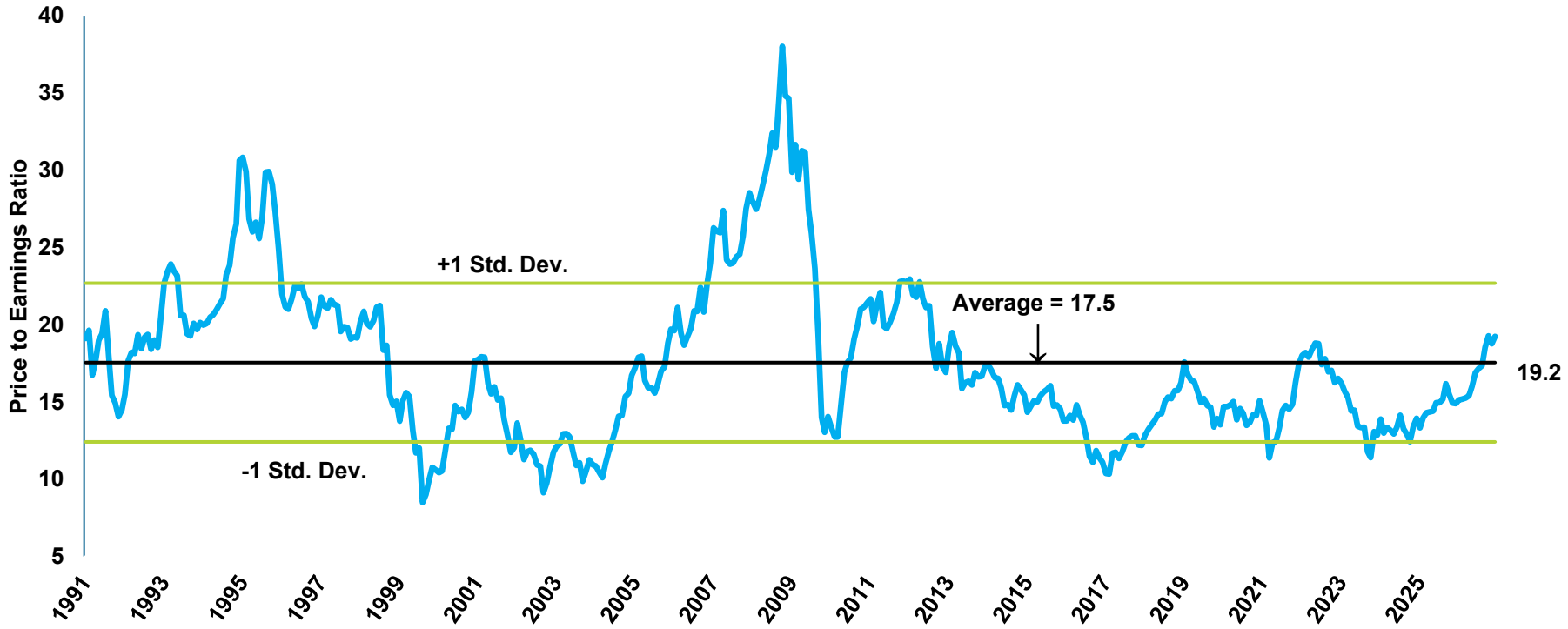
Developed International Equity Cyclically Adjusted P/E[1]
(As of December 31, 2025)



→ This chart details one valuation metric for developed international equities. A higher (lower) figure indicates more expensive (cheaper) valuation relative to history.

[1] Developed International Equity (MSCI EAFE Index) Cyclically Adjusted P/E – Source: MSCI and Bloomberg. Earnings figures represent the average of monthly "as reported" earnings over the previous ten years.

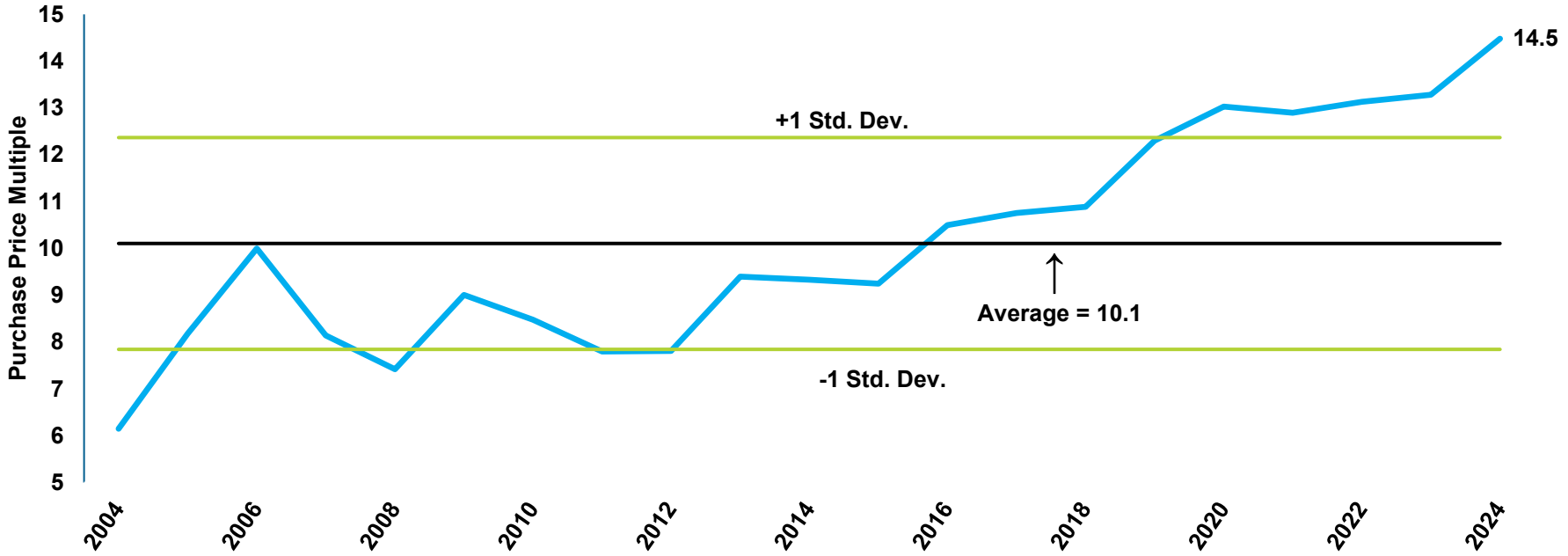
Emerging Market Equity Cyclically Adjusted P/E[1]
(As of December 31, 2025)



→ This chart details one valuation metric for emerging markets equities. A higher (lower) figure indicates more expensive (cheaper) valuation relative to history.

[1] Emerging Market Equity (MSCI Emerging Markets Index) Cyclically Adjusted P/E – Source: MSCI and Bloomberg. Earnings figures represent the average of monthly "as reported" earnings over the previous ten years.

Private Equity Multiples[1]
(As of December 31, 2024)

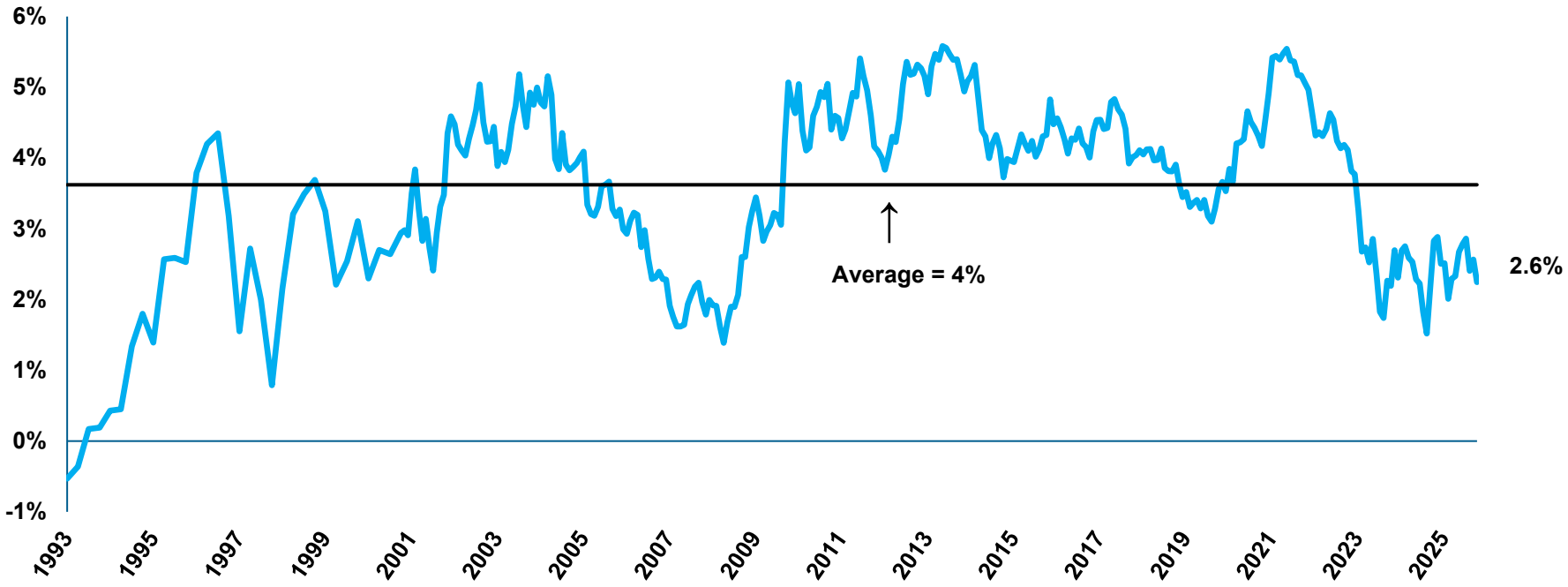


→ This chart details one valuation metric for the private equity market. A higher (lower) figure indicates more expensive (cheaper) valuation relative to history.

[1] Private Equity Multiples – Source: Preqin Median EBITDA Multiples Paid in All LBOs. Data pulled as of 1/8/2025.

Core Real Estate Spread vs. Ten-Year Treasury[1]

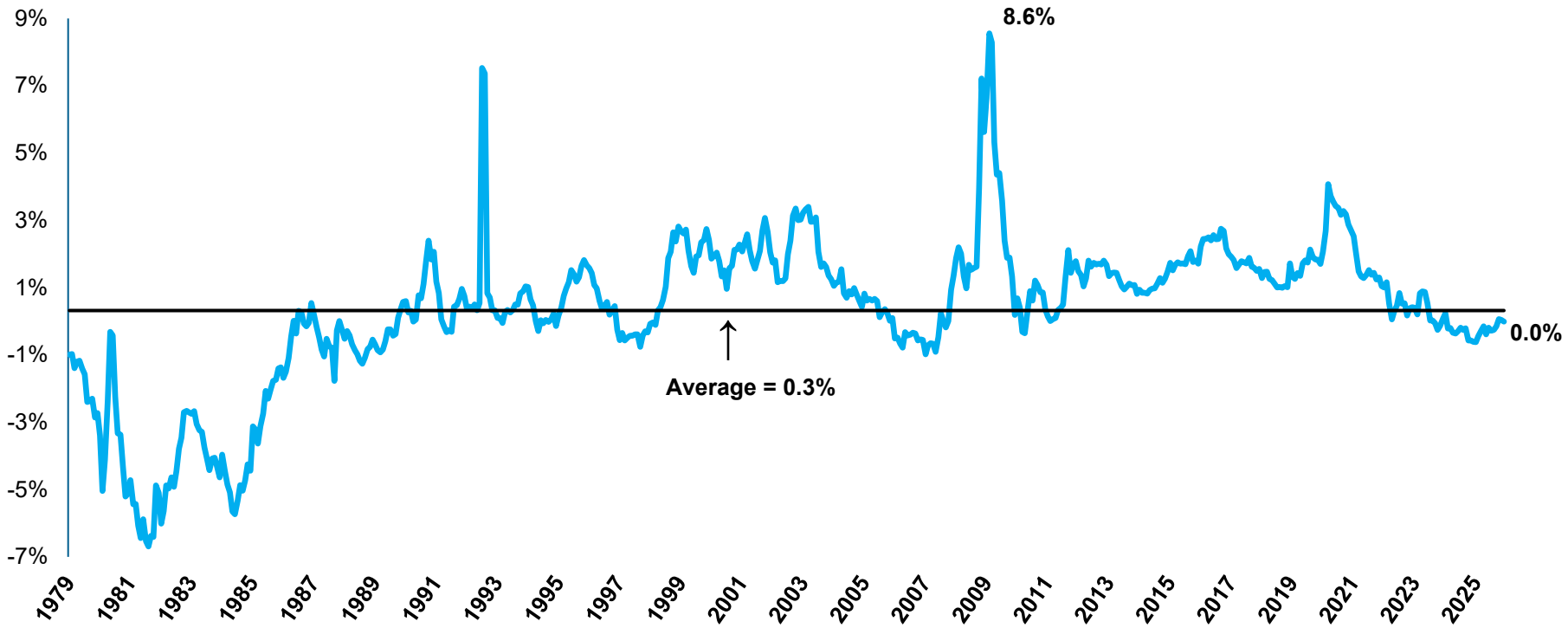
(As of December 31, 2025)



→ This chart details one valuation metric for the private core real estate market. A higher (lower) figure indicates cheaper (more expensive) valuation.

[1] Core Real Estate Spread vs. Ten-Year Treasury – Source: Real Capital Analytics, FRED, Bloomberg, and Meketa Investment Group. Core Real Estate is proxied by weighted sector transaction-based indices from Real Capital Analytics and Meketa Investment Group.

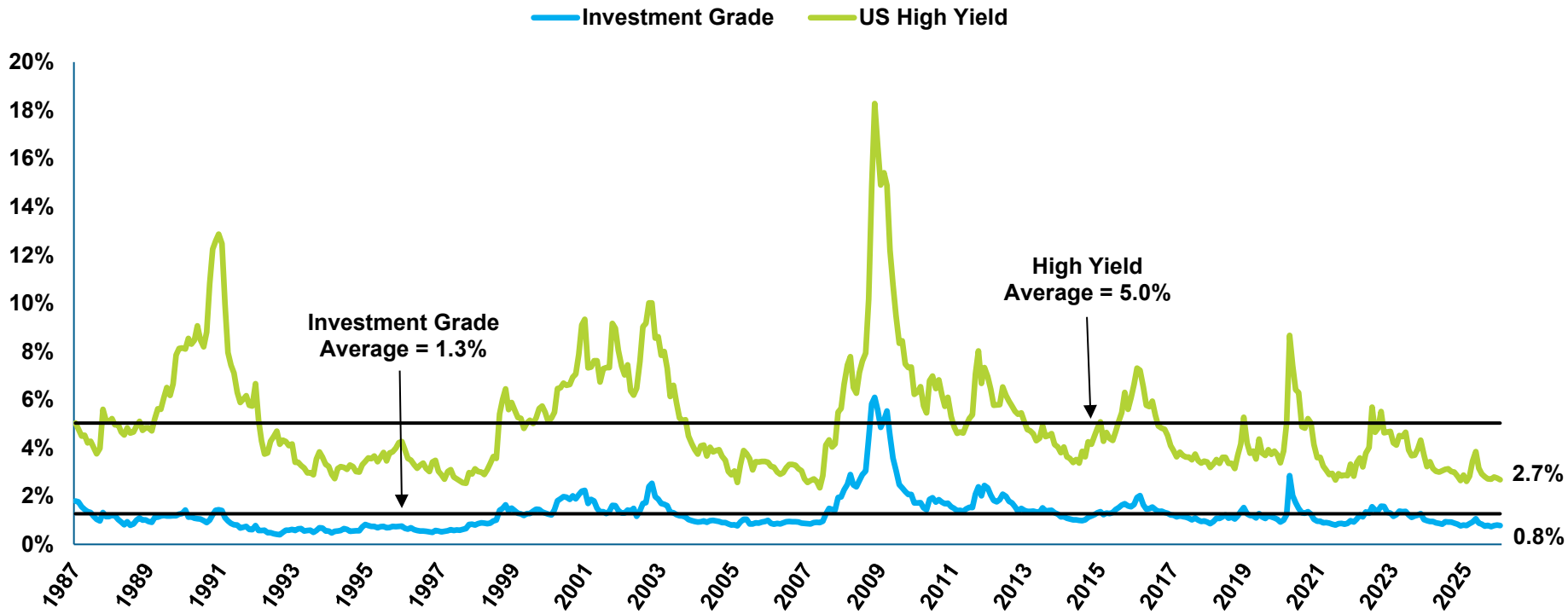
REITs Dividend Yield Spread vs. Ten-Year Treasury[1]
(As of December 31, 2025)



→ This chart details one valuation metric for the public REITs market. A higher (lower) figure indicates cheaper (more expensive) valuation.

[1] REITs Dividend Yield Spread vs. Ten-Year Treasury – Source: NAREIT, Bloomberg, US Treasury. REITs are proxied by the yield for the NAREIT Equity Index.

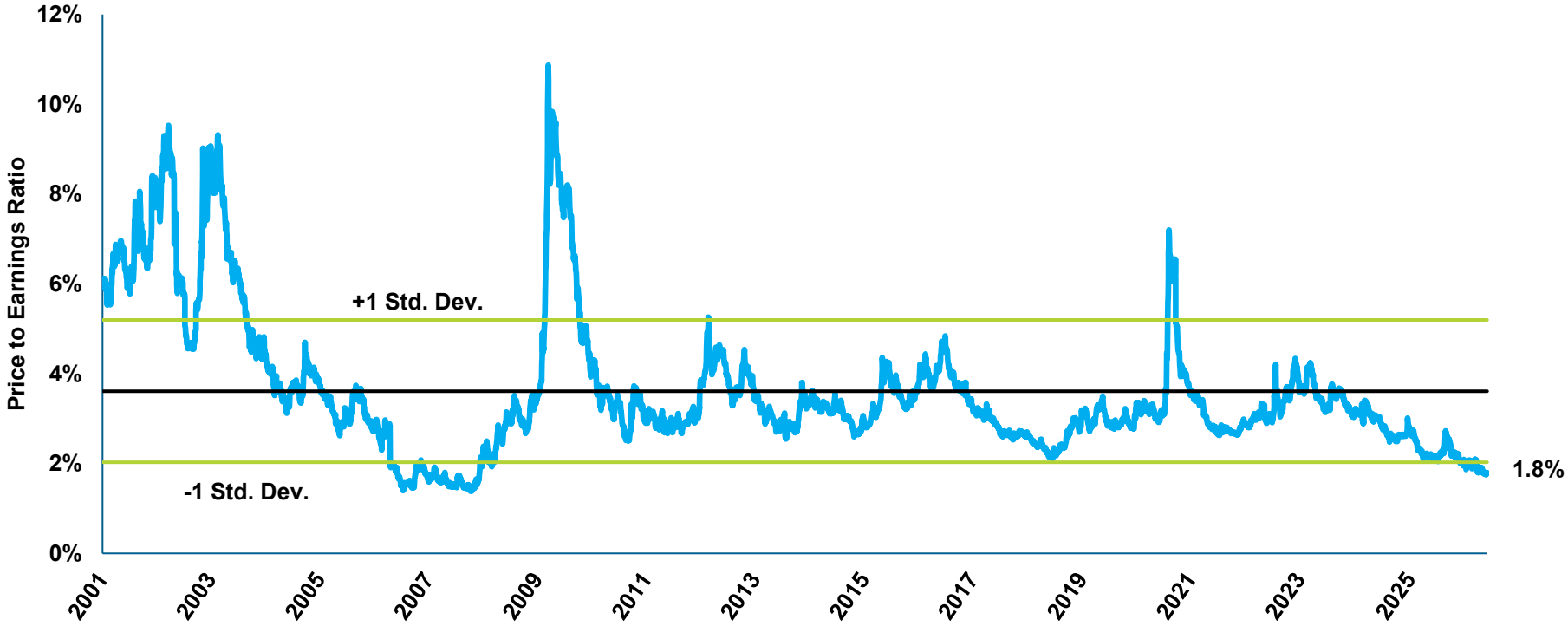
Credit Spreads[1]
(As of December 31, 2025)



→ This chart details one valuation metric for the US credit markets. A higher (lower) figure indicates cheaper (more expensive) valuation relative to history.

[1] Credit Spreads – Source: Bloomberg. High Yield is proxied by the Bloomberg High Yield Index and Investment Grade Corporates are proxied by the Bloomberg US Corporate Investment Grade Index. Spread is calculated as the difference between the Yield to Worst of the respective index and the 10-Year US Treasury yield.

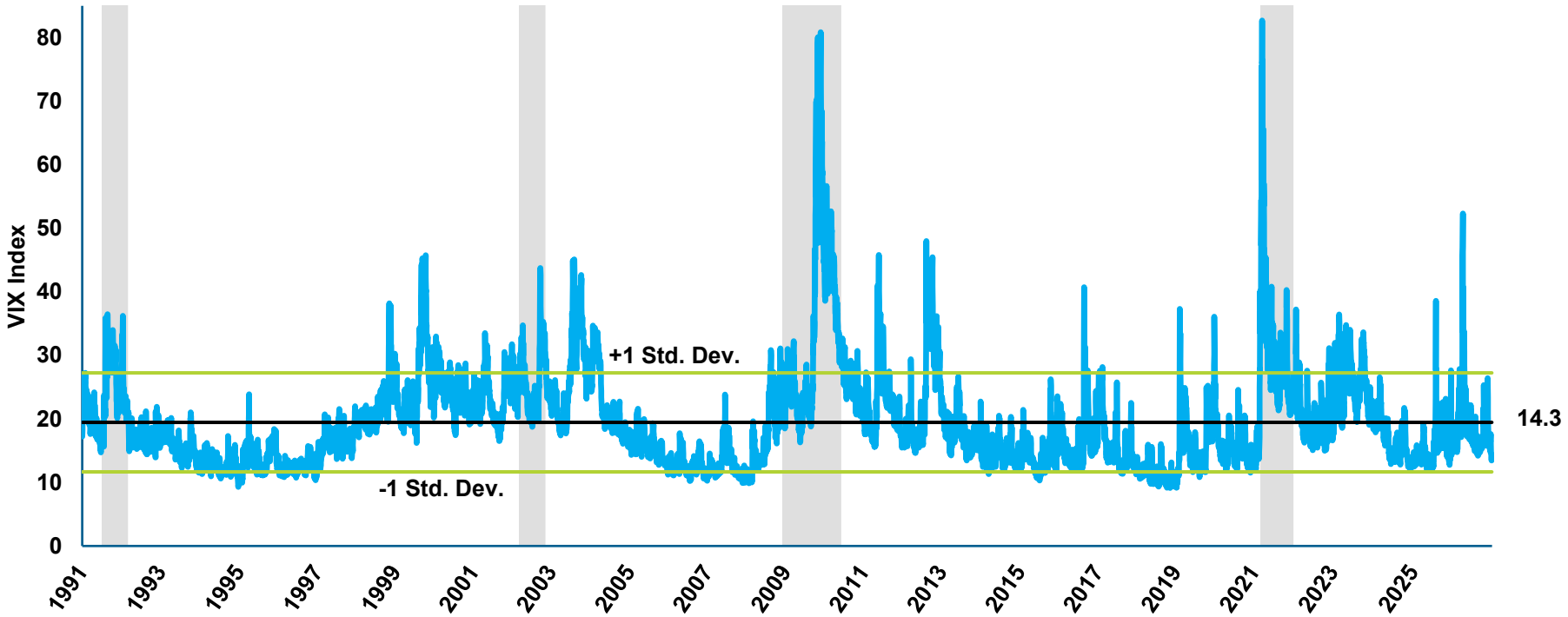
Emerging Market Debt Spreads[1]
(As of December 31, 2025)



→ This chart details one valuation metric for the EM debt markets. A higher (lower) figure indicates cheaper (more expensive) valuation relative to history.

[1] EM Spreads – Source: Bloomberg. Option Adjusted Spread (OAS) for the Bloomberg EM USD Aggregate Index.

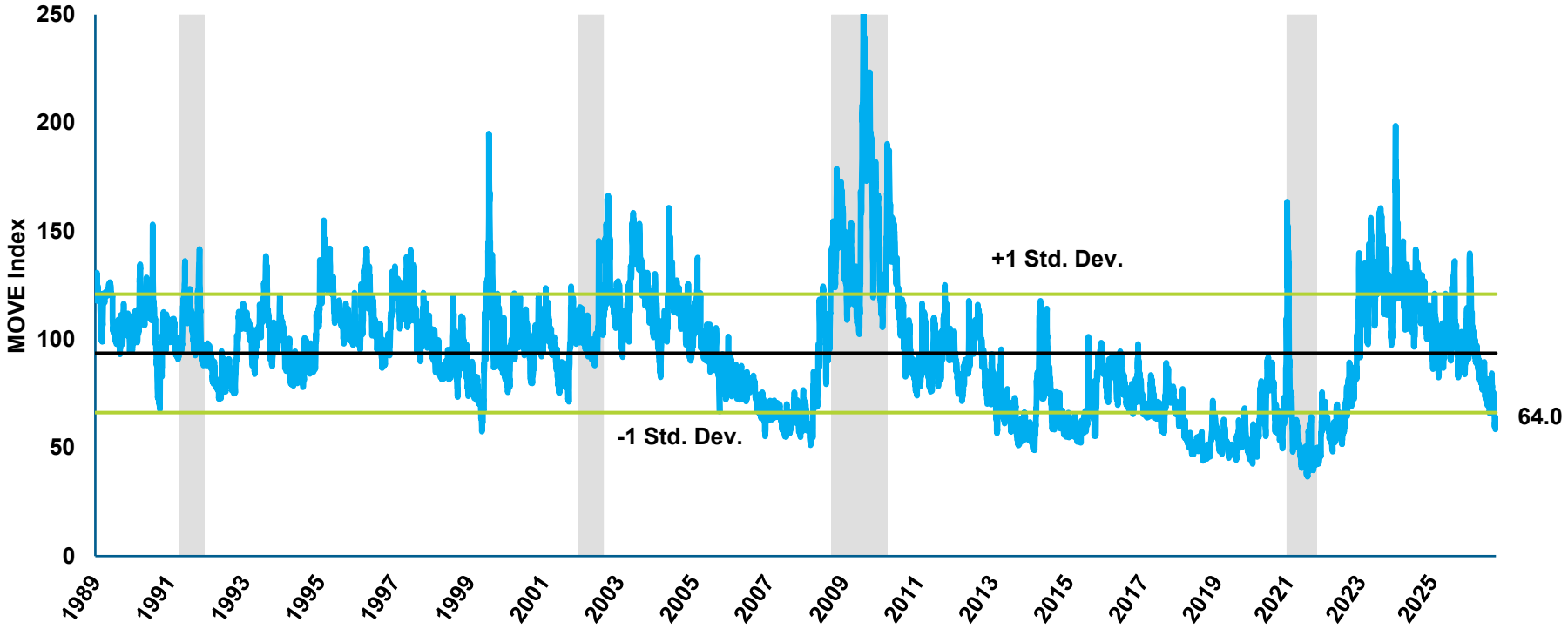
Equity Volatility[1]
(As of December 31, 2025)



→ This chart details historical implied equity market volatility. This metric tends to increase during times of stress/fear and while declining during more benign periods.

[1] Equity Volatility – Source: FRED, and Meketa Investment Group. Equity Volatility proxied by VIX Index, a Measure of implied option volatility for US equity markets.
[2] Fixed Income Volatility – Source: Bloomberg, and Meketa Investment Group. Fixed Income Volatility proxied by MOVE Index, a Measure of implied option volatility for US Treasury markets.

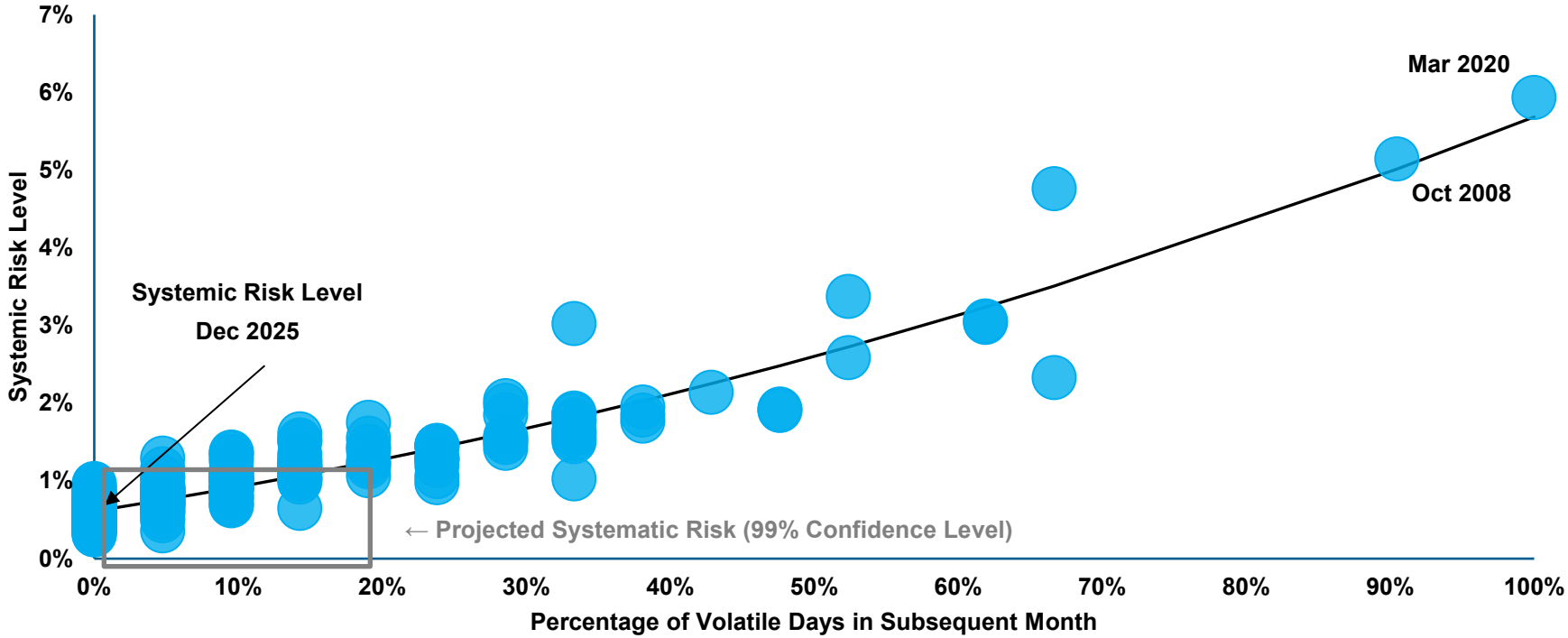
Fixed Income Volatility[1]
(As of December 31, 2025)



→ This chart details historical implied fixed income market volatility. This metric tends to increase during times of stress/fear and while declining during more benign periods.

[1] Fixed Income Volatility – Source: Bloomberg, and Meketa Investment Group. Fixed Income Volatility proxied by MOVE Index, a Measure of implied option volatility for US Treasury markets.

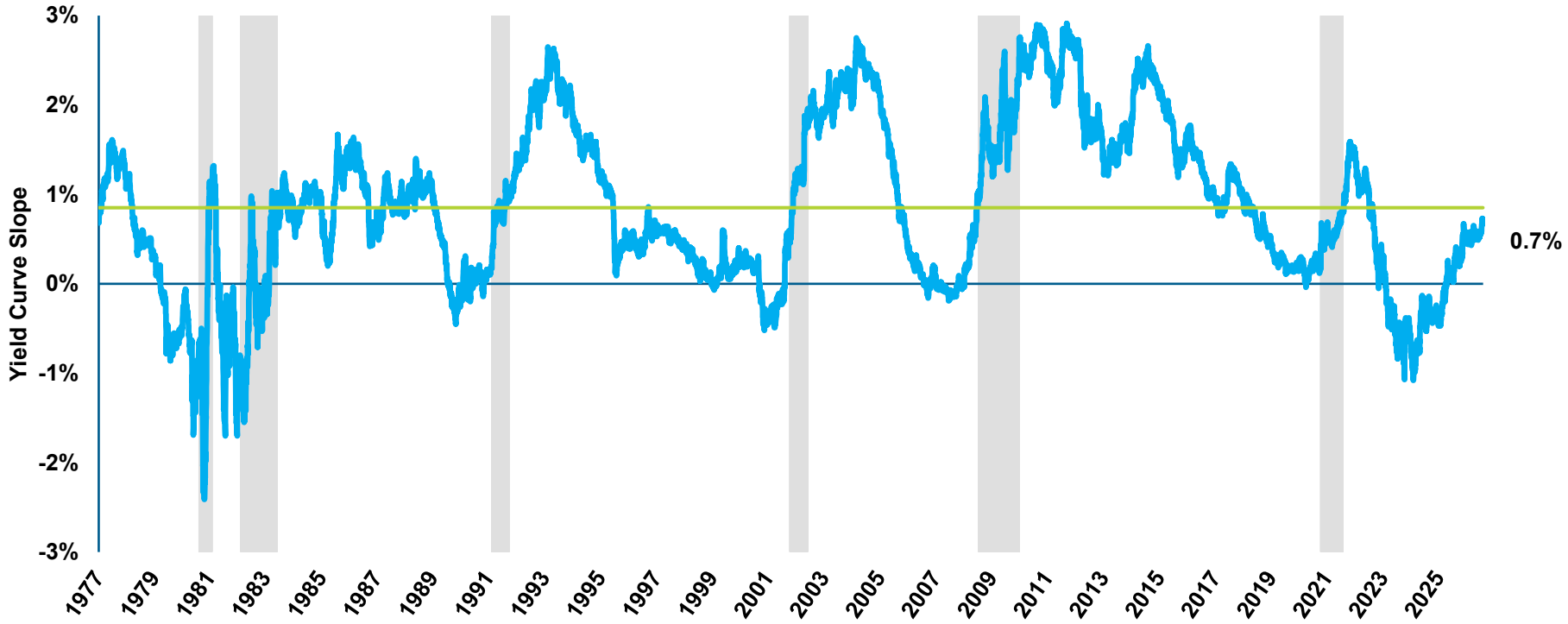
Systemic Risk and Volatile Market Days[1]
(As of December 31, 2025)



→ Systemic Risk is a measure of 'System-wide' risk, which indicates herding type behavior.

[1] Source: Meketa Investment Group. Volatile days are defined as the top 10 percent of realized turbulence, which is a multivariate distance between asset returns.

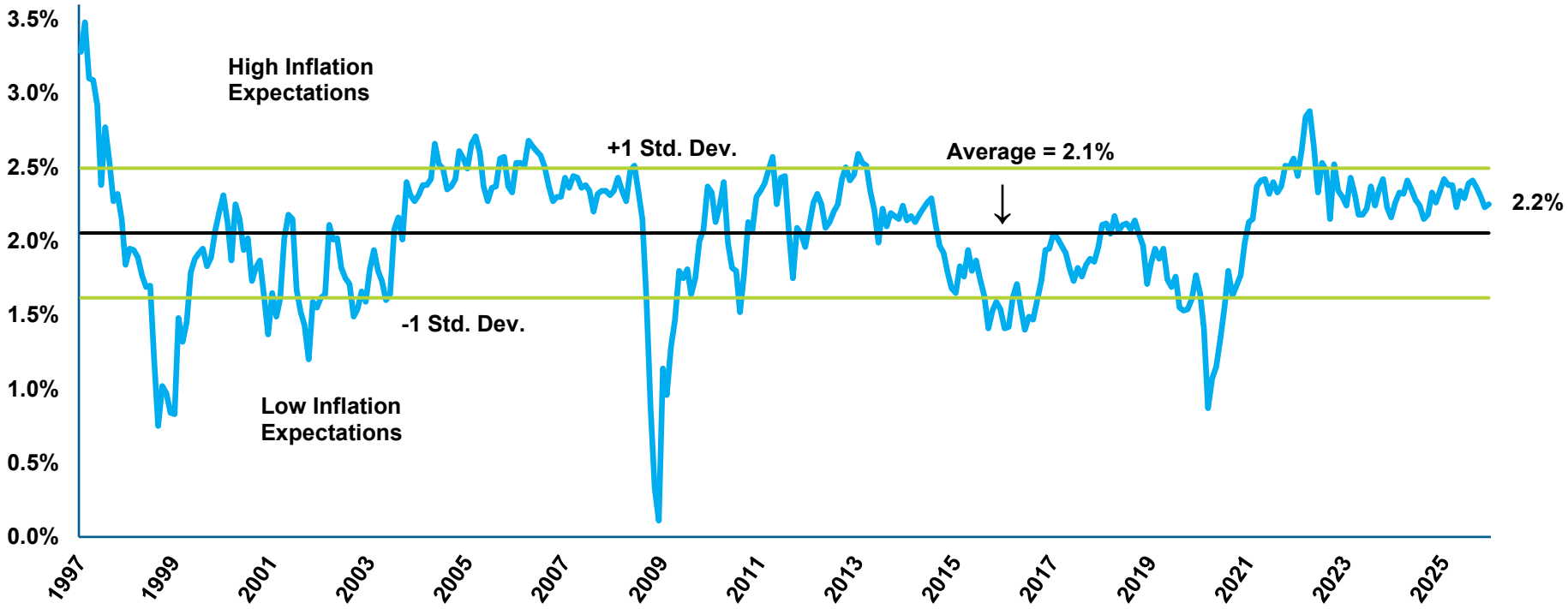
Yield Curve Slope (Ten Minus Two)[1]
(As of December 31, 2025)



→ This chart details the historical difference in yields between ten-year and two-year US Treasury bonds/notes. A higher (lower) figure indicates a steeper (flatter) yield curve slope.

[1] Yield Curve Slope (Ten Minus Two) – Source: FRED. Yield curve slope is calculated as the difference between the 10-Year US Treasury Yield and 2-Year US Treasury Yield.

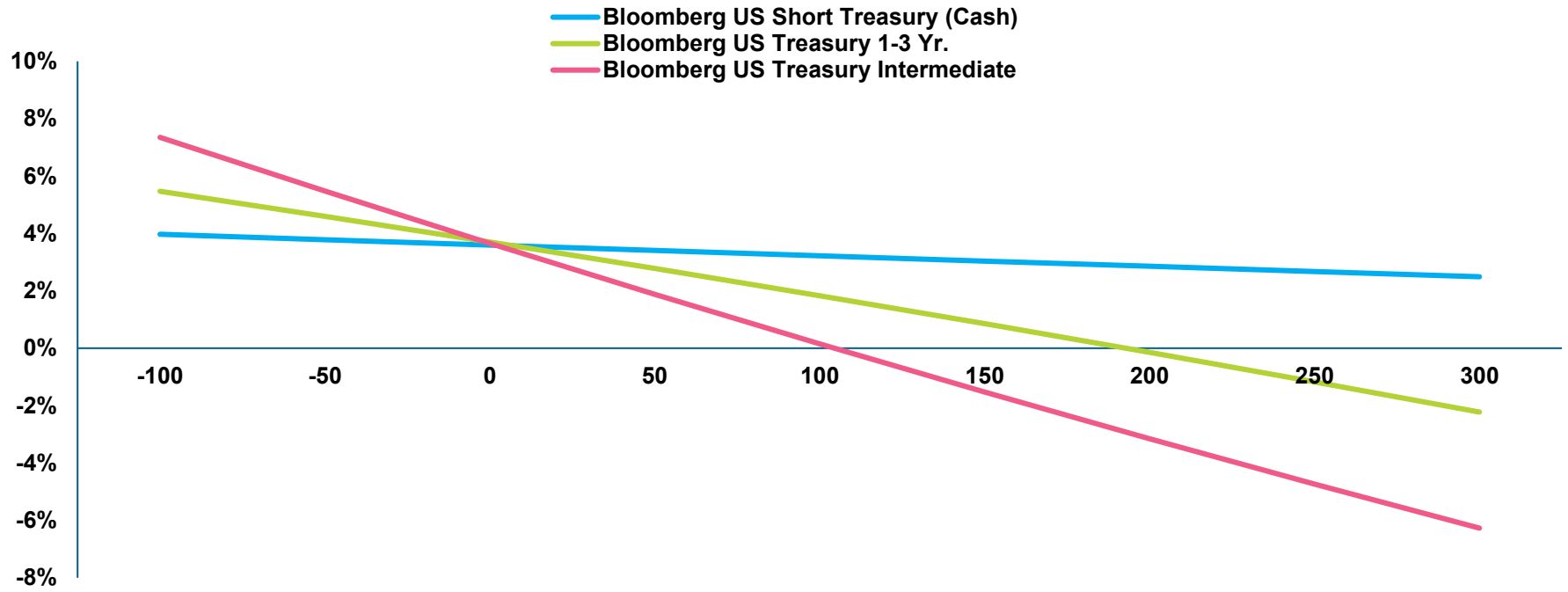
Ten-Year Breakeven Inflation[1]
(As of December 31, 2025)



→ This chart details the difference between nominal and inflation-adjusted US Treasury bonds. A higher (lower) figure indicates higher (lower) inflation expectations.

[1] Ten-Year Breakeven Inflation – Source: US Treasury and Federal Reserve. Inflation is measured by the Consumer Price Index (CPI-U NSA).

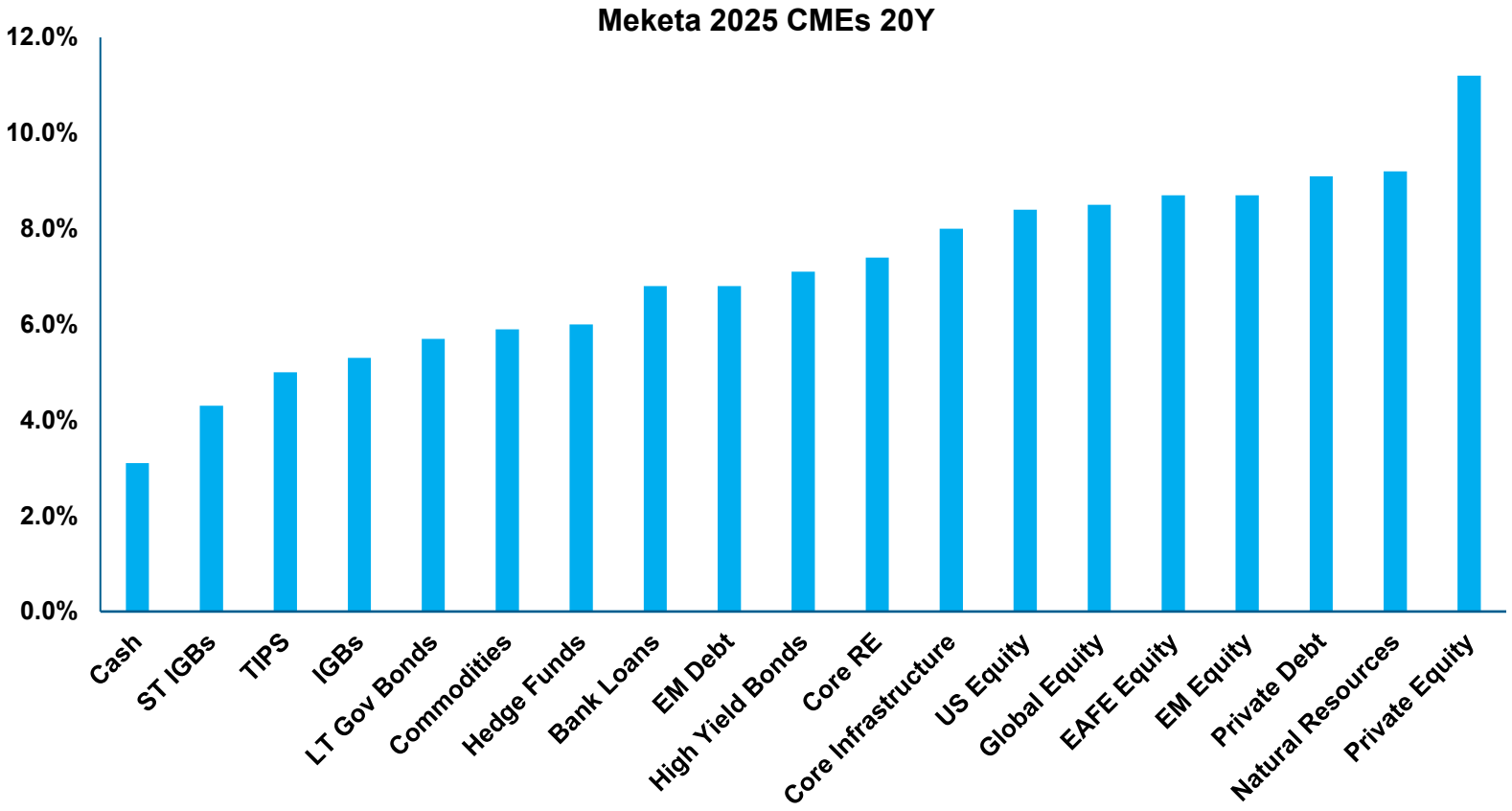
Total Return Given Changes in Interest Rates (bps)[1]
(As of December 31, 2025)



	Total Return for Given Changes in Interest Rates (bps)									Statistics	
	-100 (%)	-50 (%)	0 (%)	50 (%)	100 (%)	150 (%)	200 (%)	250 (%)	300 (%)	Duration	YTW (%)
Bloomberg US Short Treasury (Cash)	4.0	3.8	3.6	3.4	3.2	3.0	2.9	2.7	2.5	0.37	3.59
Bloomberg US Treasury 1-3 Yr.	5.5	4.6	3.7	2.8	1.8	0.9	-0.1	-1.2	-2.2	1.82	3.70
Bloomberg US Treasury Intermediate	7.3	5.5	3.7	1.9	0.1	-1.5	-3.2	-4.7	-6.3	3.6	3.65
Bloomberg US Treasury Long	20.8	12.5	4.8	-2.2	-8.4	-13.9	-18.7	-22.7	-26.1	14.61	4.79

[1] Data represents the expected total return from a given change in interest rates (shown in basis points) over a 12-month period assuming a parallel shift in rates. Source: Bloomberg, and Meketa Investment Group.

Long-Term Outlook – 20-Year Annualized Expected Returns[1]



→ This chart details Meketa's long-term forward-looking expectations for total returns across asset classes.

[1] Source: Meketa Investment Group's 2025 Asset Study.

Appendix

Data Sources and Explanations[1]

- US Equity Cyclically Adjusted P/E on S&P 500 Index – Source: Robert Shiller and Yale University.
- Small Cap P/E (Russell 2000 Index) vs. Large Cap P/E (Russell 1000 Index) - Source: Russell Investments. Earnings figures represent 12-month "as reported" earnings.
- Growth P/E (Russell 3000 Growth Index) vs. Value (Russell 3000 Value Index) P/E - Source: Bloomberg, MSCI, and Meketa Investment Group. Earnings figures represent 12-month "as reported" earnings.
- Developed International Equity (MSCI EAFE) Cyclically Adjusted P/E – Source: MSCI and Bloomberg. Earnings figures represent the average of monthly "as reported" earnings over the previous ten years.
- Emerging Market Equity (MSCI Emerging Markets Index) Cyclically Adjusted P/E – Source: MSCI and Bloomberg. Earnings figures represent the average of monthly "as reported" earnings over the previous ten years.
- Private Equity Multiples – Source: S&P LCD Average EBITDA Multiples Paid in All LBOs.
- Core Real Estate Spread vs. Ten-Year Treasury – Source: Real Capital Analytics, US Treasury, Bloomberg, and Meketa Investment Group. Core Real Estate is proxied by weighted sector transaction-based indices from Real Capital Analytics and Meketa Investment Group.
- REITs Dividend Yield Spread vs. Ten-Year Treasury – Source: NAREIT, US Treasury. REITs are proxied by the yield for the NAREIT Equity Index.

[1] All Data as of December 31, 2025, unless otherwise noted.

Appendix (continued)

Data Sources and Explanations (continued)[1]

- → Credit Spreads – Source: Bloomberg High Yield is proxied by the Bloomberg High Yield Index and Investment Grade Corporates are proxied by the Bloomberg US Corporate Investment Grade Index.
  - Spread is calculated as the difference between the Yield to Worst of the respective index and the 10-Year Treasury Yield.
- → EM Debt Spreads – Source: Bloomberg, and Meketa Investment Group. Option Adjusted Spread (OAS) for the Bloomberg EM USD Aggregate Index.
- → Equity Volatility – Source: Bloomberg, and Meketa Investment Group. Equity Volatility proxied by VIX Index, a Measure of implied option volatility for US equity markets.
- → Fixed Income Volatility – Source: Bloomberg, and Meketa Investment Group. Equity Volatility proxied by MOVE Index, a Measure of implied option volatility for US Treasury markets.
- → Systemic Risk and Volatile Market Days – Source: Meketa Investment Group. Volatile days are defined as the top 10 percent of realized turbulence, which is a multivariate distance between asset returns.
- → Systemic Risk, which measures risk across markets, is important because the more contagion of risk that exists between assets, the more likely it is that markets will experience volatile periods.
- → Yield Curve Slope (Ten Minus Two) – Source: Bloomberg, and Meketa Investment Group. Yield curve slope is calculated as the difference between the 10-Year US Treasury Yield and 2-Year US Treasury Yield.
- → Ten-Year Breakeven Inflation – Source: US Treasury and Federal Reserve. Inflation is measured by the Consumer Price Index (CPI-U NSA).

[1] All Data as of December 31, 2025, unless otherwise noted.

Meketa Market Sentiment Indicator

Explanation, Construction and Q&A

Meketa has created the MIG Market Sentiment Indicator (MIG-MSI) to complement our valuation-focused Risk Metrics. This measure of sentiment is meant to capture significant and persistent shifts in long-lived market trends of economic growth risk, either towards a risk-seeking trend or a risk-aversion trend.

This appendix explores:

- → What is the Meketa Market Sentiment Indicator?
- → How do I read the indicator graph?
- → How is the Meketa Market Sentiment Indicator constructed?
- → What do changes in the indicator mean?

Meketa has created a market sentiment indicator for monthly publication (the MIG-MSI – see below) to complement Meketa's Risk Metrics.

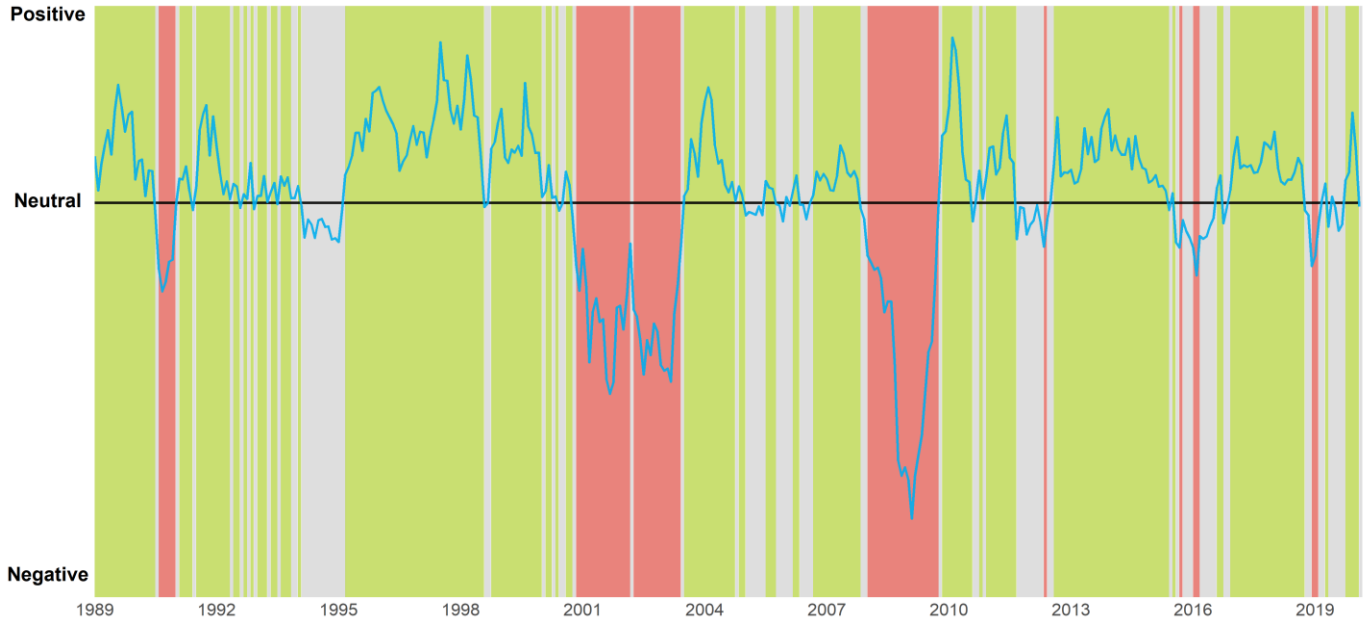
→ Meketa's Risk Metrics, which rely significantly on standard market measures of relative valuation, often provide valid early signals of increasing long-term risk levels in the global investment markets. However, as is the case with numerous valuation measures, the Risk Metrics may convey such risk concerns long before a market correction takes place. The MIG-MSI helps to address this early-warning bias by measuring whether the markets are beginning to acknowledge key Risk Metrics trends, and / or indicating non-valuation-based concerns. Once the MIG-MSI indicates that the market sentiment has shifted, it is our belief that investors should consider significant action, particularly if confirmed by the Risk Metrics. Importantly, Meketa believes the Risk Metrics and MIG-MSI should always be used in conjunction with one another and never in isolation. The questions and answers below highlight and discuss the basic underpinnings of the Meketa MIG-MSI.

What is the Meketa Market Sentiment Indicator (MIG-MSI)?

→ The MIG-MSI is a measure meant to gauge the market's sentiment regarding economic growth risk. Growth risk cuts across most financial assets and is the largest risk exposure that most portfolios bear. The MIG-MSI takes into account the momentum (trend over time, positive or negative) of the economic growth risk exposure of publicly traded stocks and bonds, as a signal of the future direction of growth risk returns; either positive (risk seeking market sentiment), or negative (risk averse market sentiment).

How do I read the Meketa Market Sentiment Indicator graph?

- Simply put, the MIG-MSI is a color-coded indicator that signals the market's sentiment regarding economic growth risk. It is read left to right chronologically. A green indicator on the MIG-MSI indicates that the market's sentiment towards growth risk is positive. A gray indicator indicates that the market's sentiment towards growth risk is neutral or inconclusive. A red indicator indicates that the market's sentiment towards growth risk is negative. The black line on the graph is the level of the MIG-MSI. The degree of the signal above or below the neutral reading is an indication of the signal's current strength.
- Momentum as we are defining it is the use of the past behavior of a series as a predictor of its future behavior.



How is the Meketa Market Sentiment Indicator (MIG-MSI) Constructed?

→ The MIG-MSI is constructed from two sub-elements representing investor sentiment in stocks and bonds:

- Stock return momentum: Return momentum for the S&P 500 Equity Index (trailing 12-months).
- Bond yield spread momentum: Momentum of bond yield spreads (excess of the measured bond yield over the identical duration US Treasury bond yield) for corporate bonds (trailing 12-months) for both investment grade bonds (75% weight) and high yield bonds (25% weight).
- Both measures are converted to Z-scores and then combined to get an "apples to apples" comparison without the need of re-scaling.

→ The black line reading on the graph is calculated as the average of the stock return momentum measure and the bonds spread momentum measure.[1] The color reading on the graph is determined as follows:

- If both stock return momentum and bond spread momentum are positive = GREEN (positive).
- If one of the momentum indicators is positive, and the other negative = GRAY (inconclusive).
- If both stock return momentum and bond spread momentum are negative = RED (negative).

[1] Momentum as we are defining it is the use of the past behavior of a series as a predictor of its future behavior.
"Time Series Momentum" Moskowitz, Ooi, Pedersen, August 2010. *http://pages.stern.nyu.edu/~lpederse/papers/TimeSeriesMomentum.pdf*

What does the Meketa Market Sentiment Indicator (MIG-MSI) mean? Why might it be useful?

→ There is strong evidence that time series momentum is significant and persistent. Across an extensive array of asset classes, the sign of the trailing 12-month return (positive or negative) is indicative of future returns (positive or negative) over the next 12-month period. The MIG-MSI is constructed to measure this momentum in stocks and corporate bond spreads. A reading of green or red is agreement of both the equity and bond measures, indicating that it is likely that this trend (positive or negative) will continue over the next 12 months. When the measures disagree, the indicator turns gray. A gray reading does not necessarily mean a new trend is occurring, as the indicator may move back to green, or into the red from there. The level of the reading (black line) and the number of months at the red or green reading, gives the user additional information on which to form an opinion, and potentially take action.

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REPORT

SBI Comprehensive Performance Report

December 31, 2025

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Comprehensive Performance Report

December 31, 2025

Description of SBI Investment Programs

The Minnesota State Board of Investment (SBI) is responsible for the investment management of various retirement funds, trust funds, and cash accounts.

Combined Funds

The Combined Funds represent the assets for both the active and retired public employees in the statewide retirement systems, the biggest of which are the Public Employees Retirement Association (PERA), the Teachers Retirement Association (TRA), and the Minnesota State Retirement System (MSRS). The SBI commingles the assets of these plans into the Combined Funds to capture investment efficiencies. All assets in the Combined Funds are managed externally by investment management firms retained by contract.

Other Retirement Funds

In addition to the assets of the Statewide Retirement Systems, the SBI provides broad asset-class investment options to both defined benefit and defined contribution retirement plans that either make investment decisions at the plan level and participant-directed plans. Other public retirement funds include the Public Employees Retirement Association (PERA) Defined Contribution Plan, St. Paul Teachers' Retirement Fund Association, Statewide Volunteer Firefighter Plan, Unclassified Retirement Plan, and Volunteer Fire Relief Associations.

Tax-Advantaged Savings Plans

The SBI aims to help participants meet their savings and investment goals by offering a range of investment options across asset classes managed by institutional investment managers that charge competitive fees. The investment options offered within each plan will vary based on several factors, including statutory requirements, operational limitations, and other rules and regulations established for each participating plan. Tax-advantaged savings plans include the Health Care Savings Plan, Hennepin County Supplemental Retirement Plan, and Minnesota Deferred Compensation Plan

State-Sponsored Savings Plans

The SBI is responsible for oversight of the investment options in the State-Sponsored Savings Plans, including the Minnesota College Savings Plan and the Minnesota ABLE Plan. SBI does not directly administer plans; it partners with the respective plan-administrating agencies when selecting investment options.

Non-Retirement Investment Program

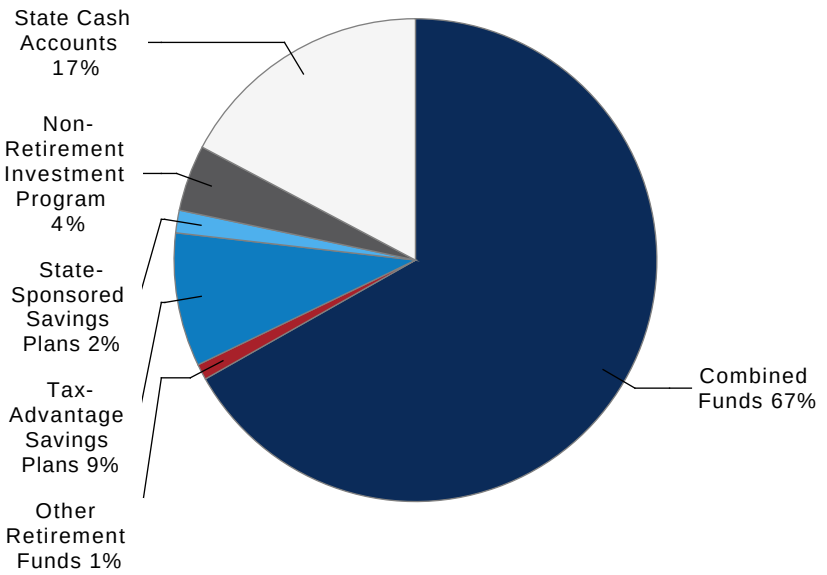
The SBI is responsible for the assets of several state trust funds, public sector sponsored entities, Other Postemployment Benefits (OPEB) trusts, and Qualifying Governmental Entities. These trust funds and accounts have different accounting requirements and spending targets derived from constitutional and statutory provisions. Statute will also identify whether the SBI or the sponsoring entity is responsible for determining the asset allocation targets for the respective fund or account.

State Cash

The State Cash accounts are cash balances of state government funds including the State General Fund. Most accounts are invested by SBI staff through a short-term pooled fund referred to as the Treasurer's Cash Pool. It contains the cash balances of special or dedicated accounts necessary for the operation of certain State agencies and non-dedicated cash in the State Treasury. Because of special legal restrictions, a small number of cash accounts cannot be commingled.

Funds Under Management

	$ Millions
Combined Funds	**$107,586**
Other Retirement Funds	**$1,697**
PERA Defined Contribution Plan	$115
St. Paul Teachers' Retirement Fund	$330
Statewide Volunteer Firefighter Plan	$325
Unclassified Employees Retirement Plan	$484
Volunteer Fire Relief Associations	$444
Tax-Advantage Savings Plans	**$14,409**
Health Care Savings Plan	$2,537
Hennepin County Supplemental Retirement Plan	$193
Minnesota Deferred Compensation Plan	$11,678
State-Sponsored Savings Plans	**$2,439**
Minnesota College Savings Plan	$2,368
Minnesota Achieving a Better Life Experience Plan	$70
Non-Retirement Investment Program	**$7,143**
Other Postemployment Benefits (OPEB)	$1,107
Qualifying Governmental Entities	$25
Trust Funds	$6,011
State Cash	**$27,766**
Invested Treasurer's Cash	$27,181
Other State Cash Accounts	$585
TOTAL SBI AUM	**$161,040**



Note: Differentials within column amounts may occur due to rounding. Totals are unaudited and may differ from the final fiscal year-end report.

Quarterly Report

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Note:

Throughout this report performance is calculated net of investment management fees, gross of administrative fees. Aggregates include terminated managers, and returns for all periods greater than one year are annualized. Inception Date and Since Inception Returns refer to the date of retention by the SBI. FYTD refers to the return generated by an account since July 1 of the most recent year. For historical benchmark details, please refer to the addendum of this report. Some aggregate inception to date return are based portfolio management decisions to re-group manager accounts in different or newly created aggregates.

Combined Funds

December 31, 2025

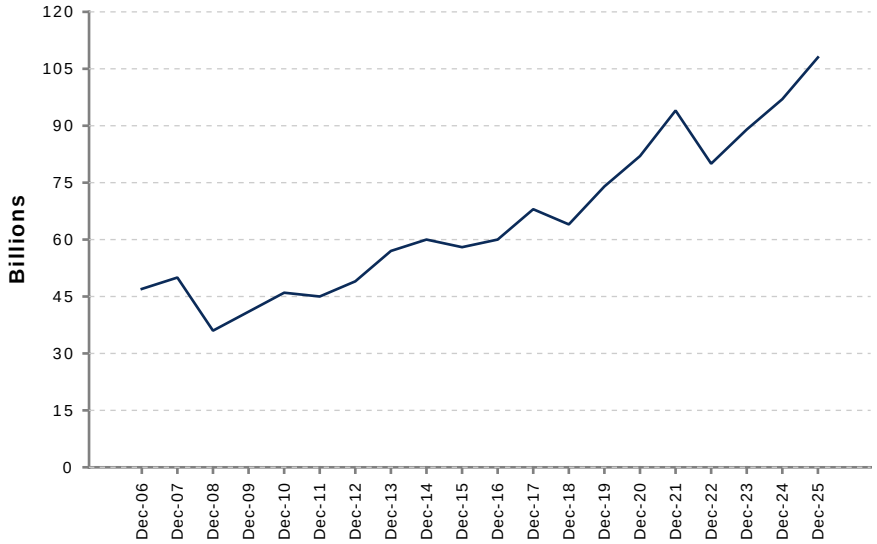
Combined Funds Summary

Combined Funds Change in Market Value ($Millions)

	One Quarter
COMBINED FUNDS	
Beginning Market Value	$105,447
Net Contributions	-543
Investment Return	2,681
Ending Market Value	107,586

The change in market value of the Combined Funds since the end of last quarter is due to net contributions and investment returns.

Asset Growth



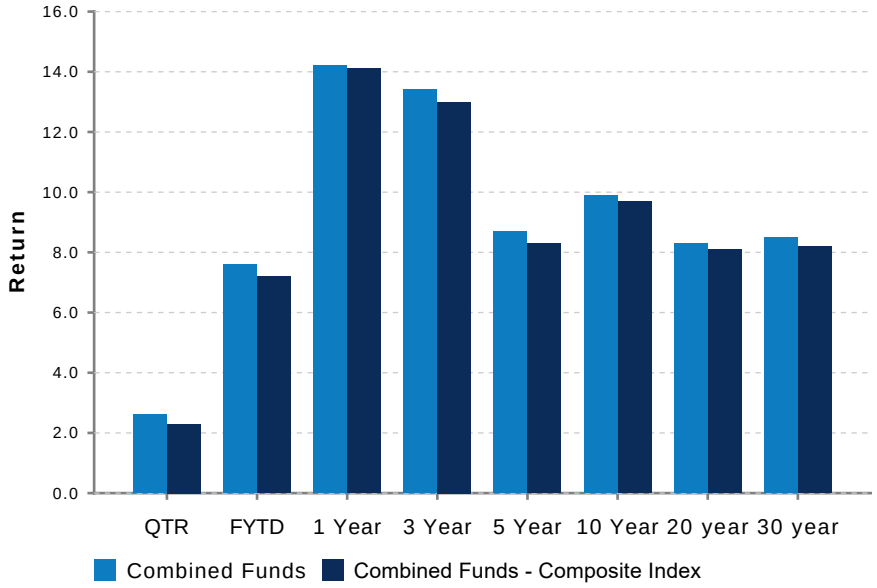
Performance (Net of Fees)

The Combined Funds' performance is evaluated relative to a composite of public market index and private market investment returns. The Composite performance is calculated by multiplying the beginning of month Composite weights and the monthly returns of the asset class benchmarks.

	QTR	FYTD	1 Yr	3 Yr	5 Yr	10 Yr	20 Yr	30 Yr
Combined Funds	2.6%	7.6%	14.2%	13.4%	8.7%	9.9%	8.3%	8.5%
Combined Funds - Composite Index	2.3%	7.2%	14.1%	13.0%	8.3%	9.7%	8.1%	8.2%
Excess	0.2%	0.4%	0.2%	0.4%	0.3%	0.3%	0.3%	0.3%

Note:

Performance is calculated net of investment management fees, differentials within column amounts may occur due to rounding, and returns for all periods greater than one year are annualized.

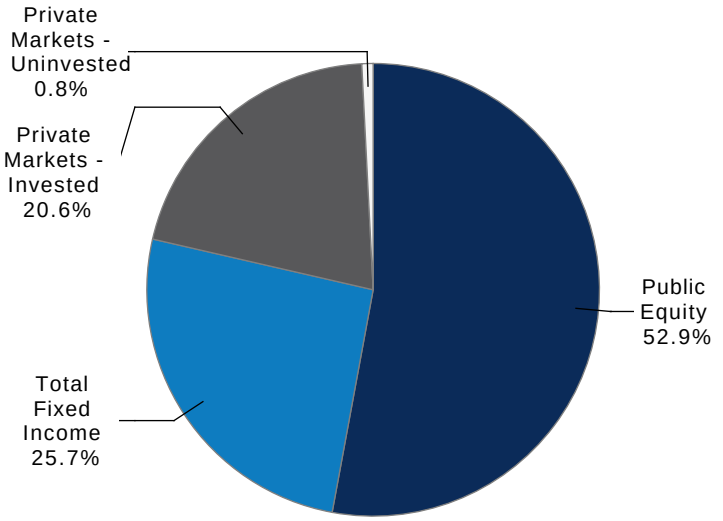


Combined Funds Summary

Asset Mix

The Combined Funds actual asset mix relative to the Strategic Asset Allocation Policy Target is shown below. The uninvested portion of the Private Markets allocation is invested in a mix of Public Equity and Cash.

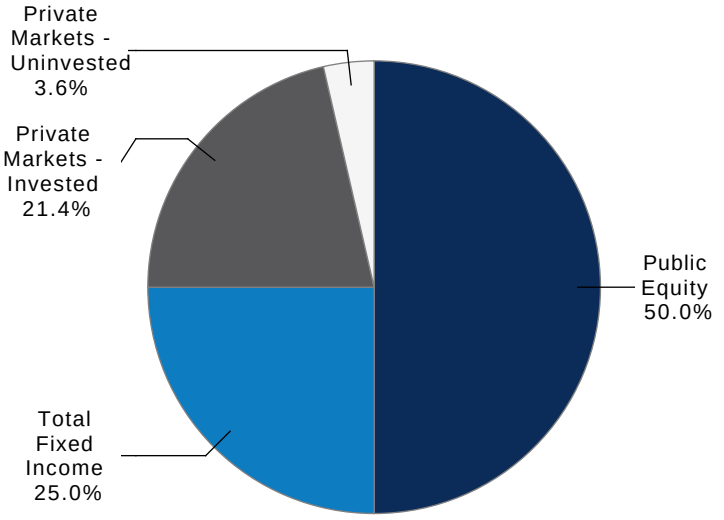
	(Millions)	Actual Mix	Policy Target
Public Equity	$56,893	52.9%	50.0%
Total Fixed Income	27,614	25.7	25.0
Private Markets - Total	23,079	21.5	25.0
Private Markets - Invested	22,165	20.6	
Private Markets - Uninvested	914	0.8	
TOTAL	107,586	100.0	



Composite Index Comparison

The Combined Funds Composite is set as the Strategic Asset Allocation Policy Target. The Combined Funds Composite weighting shown below is as of the first day of the quarter.

	Policy Weight	Market Index
Public Equity	50.0%	Public Equity Benchmark
Total Fixed Income	25.0	Total Fixed Income Benchmark
Private Markets - Invested	21.4	Private Markets
Private Markets - Uninvested	3.6	Uninvested Private Markets Custom Benchmark



Combined Funds Asset Class Performance Summary

Public Equity

The Combined Funds Public Equity includes Domestic Equity, International Equity and Global Equity.

The Public Equity benchmark is 67% Russell 3000 and 33% MSCI ACWI ex US (net).

	Market Value	Actual Weight	Policy Weight	Last Qtr	FYTD	1 Year	3 Year	5 Year	10 Year	20 Year	30 Year
Public Equity	$56.9	52.9%	50.0%	3.6%	11.3%	21.3%	20.7%	11.6%	12.5%	9.4%	9.1
Public Equity Benchmark				3.3	11.3	22.1	20.7	11.5	12.4	9.3	8.9
Excess				0.3	0.0	-0.8	-0.0	0.1	0.0	0.1	0.2
Domestic Equity	37.4	34.7	33.5	2.4	10.6	16.9	22.2	13.1	14.2	10.7	10.0
Domestic Equity Benchmark				2.4	10.8	17.1	22.2	13.1	14.3	10.8	10.1
Excess				0.0	-0.2	-0.3	-0.0	-0.0	-0.0	-0.1	-0.1
International Equity	18.7	17.4	16.5	6.1	13.2	31.1	17.8	9.0	8.9	6.2	6.5
International Equity Benchmark				5.1	12.3	32.4	17.3	7.9	8.4	5.6	5.7
Excess				1.0	0.9	-1.3	0.4	1.1	0.5	0.6	0.7
Global Equity	0.8	0.8	0.0	-0.7	5.0	16.8	16.7	4.7			
MSCI AC World Index (Net)				3.3	11.2	22.3	20.7	11.2			
Excess				-4.0	-6.2	-5.5	-3.9	-6.4			

Note:

Prior to 6/30/16 the returns of Domestic and International Equity were not reported as a Total Public Equity return. For additional information regarding historical asset class performance and benchmarks, please refer to the Combined Funds Performance Report.

Combined Funds Asset Class Performance Summary

Total Fixed Income

The Combined Funds Fixed Income program includes Core/Core Plus, Return Seeking Fixed Income, Treasuries and Laddered Bond + Cash.

The Total Fixed Income benchmark is 40% Bloomberg U.S. Aggregate Index/ 40% Bloomberg Treasury 5+ Years Index/ 20% ICE BofA US 3-Month Treasury Bill.

	Market Value	Actual Weight	Policy Weight	Last Qtr	FYTD	1 Year	3 Year	5 Year	10 Year	20 Year	30 Year
Total Fixed Income	$27.6	25.7%	25.0%	1.1%	3.2%	7.3%	4.9%	-0.4%	2.7%	3.7%	4.7%
Total Fixed Income Benchmark				0.9%	2.7%	6.6%	3.9%	-1.0%	2.1%	3.3%	4.2%
Excess				0.2%	0.5%	0.7%	1.1%	0.6%	0.6%	0.5%	0.4%
Core/Core Plus	$6.3	5.9%	5.0	1.2%	3.7%	8.1%	5.6%	0.0%	2.7%	3.7%	4.7%
Core Bonds Benchmark				1.1%	3.2%	7.3%	4.7%	-0.4%	2.0%	3.3%	4.2%
Excess				0.1%	0.6%	0.8%	1.0%	0.4%	0.7%	0.5%	0.4%
Return Seeking Fixed Income	$5.1	4.8%	5.0	1.9%	4.5%	9.6%	8.1%	2.5%			
Bloomberg U.S. Aggregate				1.1%	3.2%	7.3%	4.7%	-0.4%			
Excess				0.8%	1.4%	2.3%	3.5%	2.8%			
Treasury Protection	$10.3	9.5%	10.0	0.6%	2.6%	7.1%	2.7%	-3.7%			
Bloomberg Treasury 5+ Year				0.6%	2.6%	7.0%	2.5%	-3.8%			
Excess				0.0%	0.0%	0.2%	0.3%	0.1%			
Laddered Bond + Cash	$5.9	5.5%	5.0	1.0%	2.2%	4.5%	5.0%	3.2%	2.2%	1.9%	2.9%
ICE BofA US 3-Month Treasury Bill				1.0%	2.1%	4.2%	4.8%	3.2%	2.2%	1.7%	2.4%
Excess				0.1%	0.2%	0.3%	0.2%	0.1%	0.1%	0.2%	0.5%

Note:

Since 12/1/2020 the Total Fixed Income includes allocations to Core/Core Plus Bonds, Return Seeking Bonds, Treasuries and Laddered Bond + Cash. From 7/1/2020 to 11/30/2020 Total Fixed Income was Core Bonds, Treasuries and Cash. From 2/1/2018-6/30/20 Total Fixed Income was Core Bonds and Treasuries. Prior to 2/1/2018, Total Fixed Income was Core Bonds. For additional information regarding historical asset class performance and benchmarks, please refer to the Combined Funds Performance Report.

Combined Funds Asset Class Performance Summary

Private Markets

	Last Qtr	FYTD	1 Year	3 Year	5 Year	10 Year	20 Year	25 Year	30 Year
Private Markets - Invested	1.8%	3.9%	6.2%	7.3%	12.5%	11.8%	11.5%	11.6%	13.2%
Private Markets -Uninvested (1)	2.3%	5.7%	7.7%	6.2%	4.9%				
Private Equity	2.2%	4.6%	8.0%	9.6%	13.8%	14.9%	13.7%	12.6%	15.2%
Private Credit	1.6%	3.0%	4.8%	7.0%	11.9%	11.3%	11.8%	11.4%	
Resources	1.1%	4.3%	2.6%	2.0%	10.5%	3.5%	7.3%	11.4%	12.3%
Real Estate	-0.2%	-0.5%	-2.8%	-4.2%	6.4%	7.5%	7.4%	8.0%	9.0%

Private Markets

The time-weighted rates of return for the Private Markets portfolio are shown here. Private Markets included Private Equity, Private Credit, Resources, and Real Estate. Some of the existing investments are relatively immature and returns may not be indicative of future results.

Private Equity Investments - The objectives of the Private Equity portfolio, which may include leveraged buyouts, growth equity, venture capital and special situations, are to achieve attractive returns and to provide overall portfolio diversification to the total plan.

Private Credit Investments - The objectives of the Private Credit portfolio, which may include mezzanine debt, direct lending, and other forms of non-investment grade fixed income instruments, are to achieve a high total return over a full market cycle and to provide some degree of downside protection and typically provide current income in the form of a coupon. In certain situations, investments in the Private Credit portfolio also provide an equity component of return in the form of warrants or re-organized equity.

Resource Investments - The objectives of the Resources portfolio, which may include energy, infrastructure, and other hard assets, are to provide protection against the risks associated with inflation and to provide overall portfolio diversification to the total plan.

Real Estate Investments - The objectives of the Real Estate portfolio, which may include core and non-core real estate investments, are to achieve attractive returns, preserve capital, provide protection against risks associated with inflation, and provide overall portfolio diversification to the total plan.

The SBI also monitors Private Markets performance using money-weighted return metrics such as Internal Rate of Return and Multiple of Invested Capital. For money-weighted return metrics please refer to the Combined Funds Performance Report.

(1) As of 07/11/2025, the Uninvested Private Markets portfolio is invested in an equitization strategy which invests in equity derivatives, ETFs, and cash. From 11/01/2022-7/10/2025 the portfolio allocation was invested in cash. Prior to 11/01/2022, the portfolio was invested in a combination of a passively managed S&P 500 Index strategy and a cash overlay strategy invested in equity derivatives and cash.

Source: State Street Bank

Asset Class & Manager Performance
December 31, 2025

The assets of the Combined Funds are allocated to public equity, fixed income, private markets, and cash. Each asset class may be further differentiated by geography, management style, and/or strategy. Managers are hired to manage the assets accordingly. This diversification is intended to reduce wide fluctuations in investment returns on a year-to-year basis and enhances the Funds' ability to meet or exceed the actuarial return target over the long-term.

The Combined Funds consist of the assets of active employees and retired members of the statewide retirement plans. The SBI commingles the assets of these plans into the Combined Funds to capture investment efficiencies. This sharing is accomplished by grouping managers by asset class, geography, and management style, into several Investment Pools. The individual funds participate in the Investment Pools by purchasing units which function much like the shares of a mutual fund.

While the vast majority of the units of these pools are owned by the Combined Funds, the Supplemental Investment Fund also owns units of these pools. The Supplemental Investment Funds are mutual fund-like investment vehicles which are used by investors in the Participant Directed Investment Program. Please refer to the Participant Directed Investment Program report for more information.

The performance information presented on the following pages for Public Equity and Fixed Income includes both the Combined Funds and Supplemental Investment Fund. The Private Markets is Combined Funds only. All assets in the Combined Funds are managed externally by investment management firms retained by contract.

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Domestic Equity
December 31, 2025

Minnesota State Board of Investment
Quarter Ending December 31, 2025
Domestic Equity Managers

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Total Domestic Equity										
ACTIVE DOMESTIC EQUITY AGGREGATE (1)	**$3,416,201,641**	**9.0%**	**1.3%**	**8.9%**	**11.6%**	**16.9%**	**8.3%**	**11.7%**	**8.7%**	**06/1996**
Active Domestic Equity Benchmark			2.3	12.7	14.9	17.1	9.3	11.7	9.3	06/1996
Excess			-1.0	-3.8	-3.3	-0.3	-1.0	0.0	-0.6	
SEMI PASSIVE DOMESTIC EQUITY AGGREGATE (2)	**5,325,508,141**	**14.0**	**3.2**	**11.6**	**18.0**	**23.6**	**14.6**	**15.0**	**10.0**	**06/1996**
Semi Passive Domestic Equity Benchmark			2.4	10.6	17.4	22.7	13.6	14.6	9.8	06/1996
Excess			0.8	1.0	0.6	0.8	1.0	0.4	0.2	
PASSIVE DOMESTIC EQUITY AGGREGATE (3)	**29,244,560,636**	**77.0**	**2.4**	**10.6**	**17.3**	**22.7**	**13.6**	**14.5**	**10.0**	**06/1996**
Passive Domestic Equity Benchmark			2.4	10.6	17.3	22.7	13.6	14.5	10.1	06/1996
Excess			0.0	0.0	0.0	0.0	0.0	-0.0	-0.1	
TRANSITION AGGREGATE DOMESTIC EQUITY (4)	573	0.0								
TOTAL DOMESTIC EQUITY (5)	**37,986,270,991**	**100.0**	**2.4**	**10.6**	**16.9**	**22.2**	**13.1**	**14.2**	**11.1**	**01/1984**
Domestic Equity Benchmark			2.4	10.8	17.1	22.2	13.1	14.3	11.3	01/1984
Excess			0.0	-0.2	-0.2	-0.0	-0.0	-0.0	-0.2	

(1) The Active Domestic Equity Benchmark is a weighted composite each of the individual active domestic equity manager's benchmarks.
(2) The current Semi-Passive Domestic Equity Benchmark is the Russell 1000 index.
(3) The current Passive Domestic Equity Benchmark is a weighted average of the Russell 1000, Russell 2000, and Russell 3000.
(4) The Transition Domestic Equity Aggregate will periodically contain residual Domestic Equity securities from transitions.
(5) The current Domestic Equity Benchmark is the Russell 3000.
Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

Minnesota State Board of Investment
Quarter Ending December 31, 2025
Domestic Equity Managers

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Total Domestic Equity					
ACTIVE DOMESTIC EQUITY AGGREGATE (1)	**11.6%**	**18.2%**	**20.9%**	**-21.3%**	**18.5%**
Active Domestic Equity Benchmark	14.9	17.0	19.4	-19.4	20.3
Excess	-3.3	1.2	1.5	-1.9	-1.7
SEMI PASSIVE DOMESTIC EQUITY AGGREGATE (2)	**18.0**	**25.4**	**27.5**	**-18.7**	**28.8**
Semi Passive Domestic Equity Benchmark	17.4	24.5	26.5	-19.1	26.5
Excess	0.6	0.9	1.0	0.4	2.3
PASSIVE DOMESTIC EQUITY AGGREGATE (3)	**17.3**	**24.4**	**26.5**	**-19.2**	**26.5**
Passive Domestic Equity Benchmark	17.3	24.4	26.5	-19.1	26.4
Excess	0.0	-0.0	0.0	-0.0	0.1
TRANSITION AGGREGATE DOMESTIC EQUITY (4)					
TOTAL DOMESTIC EQUITY (5)	**16.9**	**23.9**	**26.0**	**-19.4**	**25.8**
Domestic Equity Benchmark	17.1	23.8	26.0	-19.2	25.7
Excess	-0.2	0.1	0.1	-0.2	0.1

(1) The Active Domestic Equity Benchmark is a weighted composite each of the individual active domestic equity manager's benchmarks.
(2) The current Semi-Passive Domestic Equity Benchmark is the Russell 1000 index.
(3) The current Passive Domestic Equity Benchmark is a weighted average of the Russell 1000, Russell 2000, and Russell 3000.
(4) The Transition Domestic Equity Aggregate will periodically contain residual Domestic Equity securities from transitions.
(5) The current Domestic Equity Benchmark is the Russell 3000.
Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Active Large Cap Growth										
SANDS	**$261,703,746**	**0.7%**	**-5.7%**	**0.4%**	**15.3%**	**29.8%**	**3.1%**	**13.6%**	**11.7%**	**01/2005**
Russell 1000 Growth			1.1	11.8	18.6	31.2	15.3	18.1	12.8	01/2005
Excess			-6.8	-11.4	-3.3	-1.4	-12.2	-4.5	-1.1	
WINSLOW	**297,552,934**	**0.8**	**0.8**	**4.8**	**14.8**	**29.6**	**13.4**	**16.8**	**12.9**	**01/2005**
Russell 1000 Growth			1.1	11.8	18.6	31.2	15.3	18.1	12.8	01/2005
Excess			-0.3	-7.0	-3.7	-1.6	-1.9	-1.4	0.0	
RUSSELL 1000 GROWTH AGGREGATE (1)	**559,256,680**	**1.5**	**-2.3**	**2.7**	**15.1**	**29.7**	**7.6**	**17.6**	**12.3**	**11/2003**
Russell 1000 Growth			1.1	11.8	18.6	31.2	15.3	18.1	12.7	11/2003
Excess			-3.4	-9.1	-3.5	-1.5	-7.7	-0.5	-0.4	

(1) Prior to 1/1/2021 the Russell 1000 Growth Aggregate included returns from Zevenbergen, which moved to the Russell 3000 Growth benchmark and is now reported separately.
Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Active Large Cap Growth					
SANDS	**15.3%**	**24.7%**	**52.0%**	**-49.3%**	**5.2%**
Russell 1000 Growth	18.6	33.4	42.7	-29.1	27.6
Excess	-3.3	-8.7	9.3	-20.2	-22.4
WINSLOW	**14.8**	**31.8**	**43.7**	**-31.0**	**24.8**
Russell 1000 Growth	18.6	33.4	42.7	-29.1	27.6
Excess	-3.7	-1.6	1.0	-1.8	-2.8
RUSSELL 1000 GROWTH AGGREGATE (1)	**15.1**	**28.2**	**47.7**	**-41.3**	**12.8**
Russell 1000 Growth	18.6	33.4	42.7	-29.1	27.6
Excess	-3.5	-5.1	5.1	-12.1	-14.8

(1) Prior to 1/1/2021 the Russell 1000 Growth Aggregate included returns from Zevenbergen, which moved to the Russell 3000 Growth benchmark and is now reported separately.
Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Semi-Passive Large Cap										
BLACKROCK	**$2,697,781,438**	**7.1%**	**3.8%**	**13.0%**	**19.7%**	**24.2%**	**14.7%**	**15.4%**	**11.2%**	**01/1995**
Semi Passive Domestic Equity Benchmark			2.4	10.6	17.4	22.7	13.6	14.6	10.8	01/1995
Excess			1.4	2.4	2.3	1.4	1.1	0.8	0.5	
J.P. MORGAN	**2,627,726,703**	**6.9**	**2.7**	**10.1**	**16.4**	**23.0**	**14.5**	**15.0**	**11.1**	**01/1995**
Semi Passive Domestic Equity Benchmark			2.4	10.6	17.4	22.7	13.6	14.6	10.8	01/1995
Excess			0.2	-0.5	-1.0	0.3	0.9	0.4	0.4	
SEMI-PASSIVE DOMESTIC EQUITY AGGREGATE	**5,325,508,141**	**14.0**	**3.2**	**11.6**	**18.0**	**23.6**	**14.6**	**15.0**	**10.0**	**06/1996**
Semi Passive Domestic Equity Benchmark			2.4	10.6	17.4	22.7	13.6	14.6	9.8	06/1996
Excess			0.8	1.0	0.6	0.8	1.0	0.4	0.2	

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Semi-Passive Large Cap					
BLACKROCK	**19.7%**	**26.1%**	**26.9%**	**-19.2%**	**28.3%**
Semi Passive Domestic Equity Benchmark	17.4	24.5	26.5	-19.1	26.5
Excess	2.3	1.6	0.4	-0.1	1.8
J.P. MORGAN	**16.4**	**24.8**	**28.1**	**-18.1**	**29.3**
Semi Passive Domestic Equity Benchmark	17.4	24.5	26.5	-19.1	26.5
Excess	-1.0	0.3	1.6	1.0	2.8
SEMI-PASSIVE DOMESTIC EQUITY AGGREGATE	**18.0**	**25.4**	**27.5**	**-18.7**	**28.8**
Semi Passive Domestic Equity Benchmark	17.4	24.5	26.5	-19.1	26.5
Excess	0.6	0.9	1.0	0.4	2.3

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Active Large Cap Value										
BARROW HANLEY	**$498,356,751**	**1.3%**	**2.8%**	**9.2%**	**11.3%**	**13.8%**	**13.7%**	**11.6%**	**9.3%**	**04/2004**
Russell 1000 Value			3.8	9.3	15.9	13.9	11.3	10.5	8.6	04/2004
Excess			-1.0	-0.2	-4.6	-0.1	2.4	1.1	0.8	
LSV	**395,478,387**	**1.0**	**4.9**	**13.5**	**19.2**	**14.9**	**13.0**	**11.0**	**9.5**	**04/2004**
Russell 1000 Value			3.8	9.3	15.9	13.9	11.3	10.5	8.6	04/2004
Excess			1.1	4.2	3.3	1.1	1.7	0.4	1.0	
RUSSELL 1000 VALUE AGGREGATE	**893,835,139**	**2.4**	**3.7**	**11.1**	**14.8**	**14.3**	**13.4**	**11.6**	**9.5**	**10/2003**
Russell 1000 Value			3.8	9.3	15.9	13.9	11.3	10.5	9.2	10/2003
Excess			-0.1	1.7	-1.1	0.4	2.0	1.1	0.3	

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Active Large Cap Value					
BARROW HANLEY	**11.3%**	**18.2%**	**12.0%**	**1.1%**	**27.7%**
Russell 1000 Value	15.9	14.4	11.5	-7.5	25.2
Excess	-4.6	3.8	0.5	8.6	2.5
LSV	**19.2**	**15.2**	**10.5**	**-6.3**	**29.7**
Russell 1000 Value	15.9	14.4	11.5	-7.5	25.2
Excess	3.3	0.9	-0.9	1.3	4.5
RUSSELL 1000 VALUE AGGREGATE	**14.8**	**16.8**	**11.3**	**-2.6**	**28.8**
Russell 1000 Value	15.9	14.4	11.5	-7.5	25.2
Excess	-1.1	2.4	-0.2	4.9	3.7

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Active Small Cap Growth										
ARROWMARK	**$171,917,500**	**0.5%**	**1.7%**	**4.9%**	**-3.1%**	**8.2%**	**0.6%**		**8.4%**	**11/2016**
Russell 2000 Growth			1.2	13.6	13.0	15.6	3.2		10.4	11/2016
Excess			0.5	-8.6	-16.1	-7.4	-2.6		-2.0	
HOOD RIVER	**328,533,409**	**0.9**	**5.6**	**26.1**	**24.6**	**27.1**	**13.0**		**17.9**	**11/2016**
Russell 2000 Growth			1.2	13.6	13.0	15.6	3.2		10.4	11/2016
Excess			4.4	12.5	11.6	11.5	9.8		7.5	
RICE HALL JAMES	**203,812,151**	**0.5**	**-2.7**	**5.8**	**12.4**	**14.4**	**5.5**		**10.8**	**11/2016**
Russell 2000 Growth			1.2	13.6	13.0	15.6	3.2		10.4	11/2016
Excess			-3.9	-7.7	-0.6	-1.2	2.4		0.4	
WELLINGTON	**189,738,152**	**0.5**	**3.0**	**11.9**	**6.5**	**12.5**	**1.2**		**9.5**	**11/2016**
Russell 2000 Growth			1.2	13.6	13.0	15.6	3.2		10.4	11/2016
Excess			1.8	-1.7	-6.5	-3.1	-2.0		-0.9	
RUSSELL 2000 GROWTH AGGREGATE	**894,001,211**	**2.4**	**2.2**	**13.3**	**11.3**	**16.1**	**5.3**	**10.1%**	**8.3**	**11/2003**
Russell 2000 Growth			1.2	13.6	13.0	15.6	3.2	9.6	8.9	11/2003
Excess			1.0	-0.2	-1.7	0.5	2.1	0.5	-0.6	

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Active Small Cap Growth					
ARROWMARK	**-3.1%**	**9.0%**	**19.9%**	**-23.3%**	**6.1%**
Russell 2000 Growth	13.0	15.2	18.7	-26.4	2.8
Excess	-16.1	-6.1	1.3	3.1	3.2
HOOD RIVER	**24.6**	**35.1**	**21.9**	**-27.7**	**24.2**
Russell 2000 Growth	13.0	15.2	18.7	-26.4	2.8
Excess	11.6	20.0	3.3	-1.4	21.4
RICE HALL JAMES	**12.4**	**16.6**	**14.3**	**-24.4**	**15.6**
Russell 2000 Growth	13.0	15.2	18.7	-26.4	2.8
Excess	-0.6	1.4	-4.3	2.0	12.8
WELLINGTON	**6.5**	**12.9**	**18.5**	**-28.5**	**4.3**
Russell 2000 Growth	13.0	15.2	18.7	-26.4	2.8
Excess	-6.5	-2.3	-0.1	-2.1	1.4
RUSSELL 2000 GROWTH AGGREGATE	**11.3**	**18.3**	**18.7**	**-26.3**	**12.4**
Russell 2000 Growth	13.0	15.2	18.7	-26.4	2.8
Excess	-1.7	3.2	0.1	0.0	9.5

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Active Small Cap Value										
GOLDMAN SACHS	**$201,944,458**	**0.5%**	**2.8%**	**12.5%**	**11.4%**	**10.6%**	**8.0%**	**8.5%**	**8.7%**	**01/2004**
Russell 2000 Value			3.3	16.3	12.6	11.7	8.9	9.3	7.9	01/2004
Excess			-0.4	-3.7	-1.2	-1.1	-0.9	-0.8	0.8	
HOTCHKIS AND WILEY	**203,569,526**	**0.5**	**-1.2**	**5.3**	**1.4**	**8.3**	**12.3**	**9.0**	**8.5**	**01/2004**
Russell 2000 Value			3.3	16.3	12.6	11.7	8.9	9.3	7.9	01/2004
Excess			-4.4	-10.9	-11.2	-3.4	3.4	-0.3	0.6	
MARTINGALE	**210,152,780**	**0.6**	**3.7**	**15.3**	**14.1**	**14.5**	**14.3**	**10.7**	**8.6**	**01/2004**
Russell 2000 Value			3.3	16.3	12.6	11.7	8.9	9.3	7.9	01/2004
Excess			0.5	-1.0	1.5	2.8	5.4	1.4	0.6	
PEREGRINE	**199,000,328**	**0.5**	**0.6**	**6.1**	**-0.5**	**7.6**	**7.0**	**8.2**	**9.1**	**07/2000**
Russell 2000 Value			3.3	16.3	12.6	11.7	8.9	9.3	9.1	07/2000
Excess			-2.7	-10.1	-13.1	-4.2	-1.9	-1.1	0.1	
RUSSELL 2000 VALUE AGGREGATE	**814,667,092**	**2.1**	**1.5**	**9.8**	**6.4**	**9.9**	**9.7**	**8.8**	**8.8**	**10/2003**
Russell 2000 Value			3.3	16.3	12.6	11.7	8.9	9.3	8.6	10/2003
Excess			-1.8	-6.5	-6.2	-1.8	0.8	-0.5	0.2	

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Active Small Cap Value					
GOLDMAN SACHS	**11.4%**	**8.5%**	**11.9%**	**-14.4%**	**27.0%**
Russell 2000 Value	12.6	8.1	14.6	-14.5	28.3
Excess	-1.2	0.5	-2.8	0.1	-1.3
HOTCHKIS AND WILEY	**1.4**	**5.4**	**18.8**	**3.1**	**36.5**
Russell 2000 Value	12.6	8.1	14.6	-14.5	28.3
Excess	-11.2	-2.6	4.2	17.6	8.2
MARTINGALE	**14.1**	**9.0**	**20.7**	**-8.0**	**41.3**
Russell 2000 Value	12.6	8.1	14.6	-14.5	28.3
Excess	1.5	1.0	6.1	6.4	13.0
PEREGRINE	**-0.5**	**14.5**	**9.2**	**-12.5**	**28.6**
Russell 2000 Value	12.6	8.1	14.6	-14.5	28.3
Excess	-13.1	6.5	-5.4	2.0	0.3
RUSSELL 2000 VALUE AGGREGATE	**6.4**	**9.4**	**14.2**	**-9.4**	**31.8**
Russell 2000 Value	12.6	8.1	14.6	-14.5	28.3
Excess	-6.2	1.3	-0.5	5.1	3.5

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Active All Cap										
ZEVENBERGEN (1)	**$254,441,518**	**0.7%**	**-2.2%**	**-1.1%**	**11.4%**	**35.8%**	**0.0%**	**15.8%**	**11.9%**	**04/1994**
Zevenbergen Custom Benchmark			1.1	11.7	18.2	30.3	15.7	18.3		04/1994
Excess			-3.4	-12.8	-6.8	5.5	-15.7	-2.5		
ACTIVE RUSSELL 3000 GROWTH (2)	**254,441,518**	**0.7**	**-2.2**	**-1.1**	**11.4**	**35.8**	**0.0**		**0.0**	**01/2021**
Russell 3000 Growth TR			1.1	11.7	18.2	30.3	14.6		14.6	01/2021
Excess			-3.4	-12.8	-6.8	5.5	-14.6		-14.6	

(1) Effective 1/1/2021, the SBI changed the Zevenbergen Benchmark to the Russell 3000 Growth. Prior to this date, it was the Russell 1000 Growth.
(2) Prior to 1/1/2021, Zevenbergen returns were reported as part of the Russell 1000 Growth Aggregate.
Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Active All Cap					
ZEVENBERGEN (1)	**11.4%**	**35.0%**	**66.6%**	**-55.7%**	**-9.7%**
Zevenbergen Custom Benchmark	18.2	32.5	41.2	-29.0	32.3
Excess	-6.8	2.5	25.4	-26.8	-42.0
ACTIVE RUSSELL 3000 GROWTH (2)	**11.4**	**35.0**	**66.6**	**-55.7**	**-9.7**
Russell 3000 Growth TR	18.2	32.5	41.2	-29.0	25.8
Excess	-6.8	2.5	25.4	-26.8	-35.6

(1) Effective 1/1/2021, the SBI changed the Zevenbergen Benchmark to the Russell 3000 Growth. Prior to this date, it was the Russell 1000 Growth.
(2) Prior to 1/1/2021, Zevenbergen returns were reported as part of the Russell 1000 Growth Aggregate.
Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Total Passive Domestic Equity										
BLACKROCK RUSSELL 1000	**$28,090,009,504**	**73.9%**	**2.4%**	**10.6%**	**17.4%**	**22.7%**	**13.6%**		**15.3%**	**11/2016**
RUSSELL 1000 (DAILY)			2.4	10.6	17.4	22.7	13.6		15.3	11/2016
Excess			0.0	0.0	0.0	0.0	-0.0		-0.0	
BLACKROCK RUSSELL 2000	**74,376,897**	**0.2**	**2.2**	**14.8**	**12.9**	**13.7**	**6.4**		**9.0**	**11/2018**
RUSSELL 2000 (DAILY)			2.2	14.9	12.8	13.7	6.1		8.6	11/2018
Excess			-0.0	-0.1	0.1	-0.0	0.3		0.4	
BLACKROCK RUSSELL 3000 (1)	**1,080,174,235**	**2.8**	**2.4**	**10.8**	**17.2**	**22.3**	**13.3**	**14.4%**	**10.5**	**07/1995**
Passive Manager Benchmark			2.4	10.8	17.1	22.2	13.1	14.3	10.4	07/1995
Excess			0.0	0.0	0.0	0.0	0.1	0.1	0.1	
PASSIVE DOMESTIC EQUITY AGGREGATE (2)	**29,244,560,636**	**77.0**	**2.4**	**10.6**	**17.3**	**22.7**	**13.6**	**14.5**	**10.0**	**06/1996**
Passive Domestic Equity Benchmark			2.4	10.6	17.3	22.7	13.6	14.5	10.1	06/1996
Excess			0.0	0.0	0.0	0.0	0.0	-0.0	-0.1	

(1) The current Passive Manager Benchmark is the Russell 3000. For historical benchmark details, please refer to the addendum of this report.

(2) The current Passive Domestic Equity Benchmark is a weighted average of the Russell 1000, Russell 2000, and Russell 3000.

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Total Passive Domestic Equity					
BLACKROCK RUSSELL 1000	**17.4%**	**24.5%**	**26.6%**	**-19.2%**	**26.5%**
RUSSELL 1000 (DAILY)	17.4	24.5	26.5	-19.1	26.5
Excess	0.0	-0.0	0.0	-0.0	0.1
BLACKROCK RUSSELL 2000	**12.9**	**11.6**	**16.7**	**-19.9**	**16.0**
RUSSELL 2000 (DAILY)	12.8	11.5	16.9	-20.4	14.8
Excess	0.1	0.1	-0.3	0.6	1.2
BLACKROCK RUSSELL 3000 (1)	**17.2**	**23.8**	**26.0**	**-19.2**	**26.2**
Passive Manager Benchmark	17.1	23.8	26.0	-19.2	25.7
Excess	0.0	0.0	0.1	0.0	0.5
PASSIVE DOMESTIC EQUITY AGGREGATE (2)	**17.3**	**24.4**	**26.5**	**-19.2**	**26.5**
Passive Domestic Equity Benchmark	17.3	24.4	26.5	-19.1	26.4
Excess	0.0	-0.0	0.0	-0.0	0.1

(1) The current Passive Manager Benchmark is the Russell 3000. For historical benchmark details, please refer to the addendum of this report.
(2) The current Passive Domestic Equity Benchmark is a weighted average of the Russell 1000, Russell 2000, and Russell 3000.
Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

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International Equity
December 31, 2025

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Total International Equity										
DEVELOPED MARKETS (1)	**$12,763,697,754**	**67.4%**	**5.3%**	**10.4%**	**27.7%**	**17.7%**	**10.6%**	**9.2%**	**6.4%**	**01/1997**
BENCHMARK DM			5.2%	10.8%	31.9%	17.6%	9.5%	8.5%	3.6%	01/1997
Excess			0.1%	-0.5%	-4.2%	0.1%	1.1%	0.6%	2.8%	
EMERGING MARKETS (2)	**$5,460,655,051**	**28.9%**	**8.3%**	**20.6%**	**39.7%**	**17.8%**	**4.9%**	**8.5%**	**6.2%**	**11/1996**
BENCHMARK EM			4.7%	15.9%	33.6%	16.4%	4.2%	8.4%	6.3%	11/1996
Excess			3.6%	4.7%	6.2%	1.4%	0.7%	0.1%	-0.1%	
ACWI EX-US AGGREGATE	**$569,076,778**	**3.0%**	**5.5%**	**13.1%**	**34.9%**	**19.3%**	**10.9%**		**10.9%**	**01/2021**
MSCI AC WORLD ex US (NET) - DAILY			5.1%	12.3%	32.4%	17.3%	7.9%		7.9%	01/2021
Excess			0.5%	0.8%	2.5%	2.0%	3.0%		3.0%	
CHINA ONLY AGGREGATE	**$128,532,693**	**0.7%**	**3.8%**	**22.2%**	**24.1%**	**6.1%**	**-2.6%**		**-2.6%**	**01/2021**
MSCI China A			2.2%	22.4%	26.5%	6.9%	-1.3%		-1.3%	01/2021
Excess			1.6%	-0.2%	-2.4%	-0.8%	-1.3%		-1.3%	
TRANSITION AGGREGATE INTERNATIONAL EQUITY (3)	$5,209,148	0.0%								
TOTAL INTERNATIONAL EQUITY (4)	**$18,923,432,773**	**100.0%**	**6.1%**	**13.2%**	**31.1%**	**17.8%**	**9.0%**	**8.9%**	**7.1%**	**10/1992**
International Equity Benchmark			5.1%	12.3%	32.4%	17.3%	7.9%	8.4%	6.5%	10/1992
Excess			1.1%	0.9%	-1.2%	0.4%	1.0%	0.5%	0.6%	

(1) The current benchmark for Developed Markets, Benchmark DM, is the Standard (large + mid) MSCI World ex USA (net).

(2) The current benchmark for Emerging Markets, Benchmark EM, is the Standard (large + mid) MSCI Emerging Markets Free (net).

(3) The Transition Aggregate International Equity contains International Equity securities that are being transitioned to a different manager.

(4) The current International Equity Benchmark is the MSCI ACWI ex USA (net). Does not include the impact of currency overlay on the passive EAFE portfolio from 12/1/95-10/31/00. This impact is included in the return for the Combined Funds portion of the International Equity portfolio.

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Total International Equity					
DEVELOPED MARKETS (1)	**27.7%**	**8.4%**	**17.8%**	**-10.7%**	**13.5%**
BENCHMARK DM	31.9	4.7	17.9	-14.3	12.6
Excess	-4.2	3.7	-0.1	3.6	0.9
EMERGING MARKETS (2)	**39.7**	**6.2**	**10.2**	**-21.1**	**-1.5**
BENCHMARK EM	33.6	7.5	9.8	-20.1	-2.5
Excess	6.2	-1.3	0.4	-1.0	1.1
ACWI EX-US AGGREGATE	**34.9**	**6.8**	**17.9**	**-12.6**	**12.8**
MSCI AC WORLD ex US (NET) - DAILY	32.4	5.5	15.6	-16.0	7.8
Excess	2.5	1.3	2.3	3.4	4.9
CHINA ONLY AGGREGATE	**24.1**	**6.9**	**-10.0**	**-24.5**	**-2.9**
MSCI China A	26.5	11.7	-13.5	-25.9	3.2
Excess	-2.4	-4.8	3.5	1.4	-6.1
TRANSITION AGGREGATE INTERNATIONAL EQUITY (3)					
TOTAL INTERNATIONAL EQUITY (4)	**31.1**	**7.8**	**15.6**	**-13.7**	**8.9**
International Equity Benchmark	32.4	5.5	15.6	-16.0	7.8
Excess	-1.2	2.2	-0.1	2.3	1.1

(1) The current benchmark for Developed Markets, Benchmark DM, is the Standard (large + mid) MSCI World ex USA (net).

(2) The current benchmark for Emerging Markets, Benchmark EM, is the Standard (large + mid) MSCI Emerging Markets Free (net).

(3) The Transition Aggregate International Equity contains International Equity securities that are being transitioned to a different manager.

(4) The current International Equity Benchmark is the MSCI ACWI ex USA (net). Does not include the impact of currency overlay on the passive EAFE portfolio from 12/1/95-10/31/00. This impact is included in the return for the Combined Funds portion of the International Equity portfolio.

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Active Developed Markets										
ACADIAN	**$792,971,600**	**4.2%**	**6.3%**	**11.9%**	**33.5%**	**19.3%**	**11.0%**	**11.1%**	**7.9%**	**07/2005**
BENCHMARK DM			5.2	10.8	31.9	17.6	9.5	8.5	6.3	07/2005
Excess			1.1	1.0	1.7	1.7	1.6	2.6	1.6	
COLUMBIA	**631,370,319**	**3.3**	**3.2**	**7.5**	**22.6**	**16.2**	**8.8**	**9.2**	**4.8**	**03/2000**
BENCHMARK DM			5.2	10.8	31.9	17.6	9.5	8.5	4.9	03/2000
Excess			-2.0	-3.3	-9.2	-1.4	-0.7	0.6	-0.0	
FIDELITY	**626,335,383**	**3.3**	**4.3**	**7.7**	**24.9**	**15.6**	**7.6**	**8.7**	**7.3**	**07/2005**
BENCHMARK DM			5.2	10.8	31.9	17.6	9.5	8.5	6.3	07/2005
Excess			-0.9	-3.1	-6.9	-2.1	-1.9	0.1	1.0	
J.P. MORGAN	**457,349,123**	**2.4**	**2.8**	**5.7**	**25.4**	**14.3**	**6.5**	**8.3**	**6.1**	**07/2005**
BENCHMARK DM			5.2	10.8	31.9	17.6	9.5	8.5	6.3	07/2005
Excess			-2.4	-5.1	-6.4	-3.3	-3.0	-0.3	-0.2	
MARATHON	**527,302,110**	**2.8**	**2.8**	**7.7**	**28.2**	**17.4**	**9.9**	**8.4**	**8.4**	**11/1993**
BENCHMARK DM			5.2	10.8	31.9	17.6	9.5	8.5	5.9	11/1993
Excess			-2.4	-3.1	-3.6	-0.3	0.4	-0.1	2.5	

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Active Developed Markets					
ACADIAN	**33.5%**	**13.1%**	**12.4%**	**-12.5%**	**13.6%**
BENCHMARK DM	31.9	4.7	17.9	-14.3	12.6
Excess	1.7	8.4	-5.5	1.8	0.9
COLUMBIA	**22.6**	**5.6**	**21.1**	**-15.0**	**14.2**
BENCHMARK DM	31.9	4.7	17.9	-14.3	12.6
Excess	-9.2	0.9	3.2	-0.7	1.6
FIDELITY	**24.9**	**4.7**	**18.0**	**-17.4**	**13.0**
BENCHMARK DM	31.9	4.7	17.9	-14.3	12.6
Excess	-6.9	-0.0	0.1	-3.2	0.4
J.P. MORGAN	**25.4**	**1.7**	**17.1**	**-19.0**	**13.3**
BENCHMARK DM	31.9	4.7	17.9	-14.3	12.6
Excess	-6.4	-3.0	-0.9	-4.7	0.7
MARATHON	**28.2**	**6.6**	**18.2**	**-12.1**	**12.8**
BENCHMARK DM	31.9	4.7	17.9	-14.3	12.6
Excess	-3.6	1.9	0.3	2.2	0.2

	Ending Market Value	Portfolio Weight	1 Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Total Developed Markets										
ACTIVE DEVELOPED MARKETS AGGREGATE (1)	**$3,035,328,534**	**16.0%**	**4.1%**	**8.4%**	**27.2%**	**16.9%**	**8.8%**	**8.6%**	**6.4%**	**06/1996**
BENCHMARK DM			5.2%	10.8%	31.9%	17.6%	9.5%	8.5%	3.5%	06/1996
Excess			-1.1%	-2.4%	-4.6%	-0.8%	-0.7%	0.1%	2.8%	
SSIM DEVELOPED MARKETS PASSIVE	**$9,788,031,055**	**51.7%**	**5.2%**	**10.8%**	**32.4%**	**18.1%**	**9.9%**	**9.0%**		
BENCHMARK DM			5.2%	10.8%	31.9%	17.6%	9.5%	8.5%		
Excess			-0.0%	0.0%	0.6%	0.5%	0.5%	0.4%		
RECORD CURRENCY (2)	**-$63,396,005**	**-0.3%**	**0.3%**	**0.1%**	**-3.5%**	**-0.1%**				**10/2020**
DEVELOPED MARKETS TOTAL (3)	**$12,763,697,754**		**5.3%**	**10.4%**	**27.7%**	**17.7%**	**10.6%**	**9.2%**	**6.4%**	**01/1997**
BENCHMARK DM			5.2%	10.8%	31.9%	17.6%	9.5%	8.5%	3.6%	01/1997
Excess			0.1%	-0.5%	-4.2%	0.1%	1.1%	0.6%	2.8%	

(1) Includes the historical returns of terminated managers previously classified as "Semi-Passive Developed Markets."

(2) Return for Record Currency is the difference between the DM Equity with Currency Management and without.

(3) The current International Equity Benchmark is the MSCI ACWI ex USA (net). Does not includes impact of currency overlay on the passive EAFE portfolio from 12/1/95-10/31/00. This impact is included in the return for the Combined Funds portion of the International Equity portfolio.

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Total Developed Markets					
ACTIVE DEVELOPED MARKETS AGGREGATE (1)	**27.2%**	**6.8%**	**17.6%**	**-15.2%**	**12.5%**
BENCHMARK DM	31.9%	4.7%	17.9%	-14.3%	12.6%
Excess	-4.6%	2.1%	-0.4%	-0.9%	-0.1%
SSIM DEVELOPED MARKETS PASSIVE	**32.4%**	**5.0%**	**18.5%**	**-13.8%**	**13.0%**
BENCHMARK DM	31.9%	4.7%	17.9%	-14.3%	12.6%
Excess	0.6%	0.3%	0.5%	0.5%	0.4%
DEVELOPED MARKETS TOTAL (2)	**27.7%**	**8.4%**	**17.8%**	**-10.7%**	**13.5%**
BENCHMARK DM	31.9%	4.7%	17.9%	-14.3%	12.6%
Excess	-4.2%	3.7%	-0.1%	3.6%	0.9%

(1) Includes the historical returns of terminated managers previously classified as "Semi-Passive Developed Markets."

(2) The current International Equity Benchmark is the MSCI ACWI ex USA (net). Does not includes impact of currency overlay on the passive EAFE portfolio from 12/1/95-10/31/00. This impact is included in the return for the Combined Funds portion of the International Equity portfolio.

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Active Emerging Markets										
FIDELITY	**$645,849,894**	**3.4%**	**6.6%**	**22.9%**					**35.1%**	**04/2025**
BENCHMARK EM			4.7	15.9					29.8	04/2025
Excess			1.9	7.1					5.3	
MARTIN CURRIE	**727,585,938**	**3.8**	**8.3**	**20.4**	**36.6%**	**14.4%**	**1.5%**		**7.6**	**04/2017**
BENCHMARK EM			4.7	15.9	33.6	16.4	4.2		7.0	04/2017
Excess			3.6	4.6	3.0	-2.0	-2.7		0.5	
MACQUARIE	**787,508,588**	**4.2**	**21.3**	**37.7**	**72.3**	**28.9**	**9.0**		**11.1**	**04/2017**
BENCHMARK EM			4.7	15.9	33.6	16.4	4.2		7.0	04/2017
Excess			16.6	21.8	38.7	12.5	4.8		4.1	
MORGAN STANLEY	**816,538,438**	**4.3**	**7.7**	**17.2**	**32.9**	**16.7**	**4.6**	**7.8%**	**8.7**	**01/2001**
BENCHMARK EM			4.7	15.9	33.6	16.4	4.2	8.4	8.5	01/2001
Excess			3.0	1.3	-0.6	0.3	0.4	-0.6	0.2	
PZENA	**873,077,165**	**4.6**	**6.4**	**18.4**	**37.3**	**20.2**	**12.0**		**9.5**	**04/2017**
BENCHMARK EM			4.7	15.9	33.6	16.4	4.2		7.0	04/2017
Excess			1.7	2.5	3.7	3.8	7.8		2.5	

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Active Emerging Markets					
FIDELITY					
BENCHMARK EM					
Excess					
MARTIN CURRIE	**36.6%**	**3.8%**	**5.8%**	**-25.7%**	**-3.5%**
BENCHMARK EM	33.6	7.5	9.8	-20.1	-2.5
Excess	3.0	-3.7	-4.1	-5.6	-1.0
MACQUARIE	**72.3**	**7.2**	**16.0**	**-26.5**	**-2.2**
BENCHMARK EM	33.6	7.5	9.8	-20.1	-2.5
Excess	38.7	-0.3	6.1	-6.4	0.3
MORGAN STANLEY	**32.9**	**8.0**	**10.8**	**-23.8**	**3.5**
BENCHMARK EM	33.6	7.5	9.8	-20.1	-2.5
Excess	-0.6	0.5	1.0	-3.7	6.0
PZENA	**37.3**	**5.8**	**19.7**	**-7.4**	**9.3**
BENCHMARK EM	33.6	7.5	9.8	-20.1	-2.5
Excess	3.7	-1.7	9.9	12.7	11.8

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Total Emerging Markets										
ACTIVE EMERGING MARKETS AGGREGATE	**$3,850,560,023**	**20.3%**	**10.0%**	**22.6%**	**42.5%**	**18.6%**	**5.4%**	**8.5%**	**5.9%**	**01/2012**
BENCHMARK EM			4.7	15.9	33.6	16.4	4.2	8.4	5.6	01/2012
Excess			5.2	6.8	8.9	2.2	1.2	0.1	0.3	
SSIM EMERGING MARKETS PASSIVE	**1,610,090,547**	**8.5**	**4.6**	**16.0**	**33.6**	**16.0**	**3.8**	**8.2**	**5.5**	**01/2012**
BENCHMARK EM			4.7	15.9	33.6	16.4	4.2	8.4	5.6	01/2012
Excess			-0.2	0.1	0.0	-0.4	-0.4	-0.2	-0.1	
EMERGING MARKETS TOTAL	**5,460,655,051**	**28.9**	**8.3**	**20.6**	**39.7**	**17.8**	**4.9**	**8.5**	**6.2**	**11/1996**
BENCHMARK EM			4.7	15.9	33.6	16.4	4.2	8.4	6.3	11/1996
Excess			3.6	4.7	6.2	1.4	0.7	0.1	-0.1	

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Total Emerging Markets					
ACTIVE EMERGING MARKETS AGGREGATE	**42.5%**	**5.9%**	**10.6%**	**-21.4%**	**-0.9%**
BENCHMARK EM	33.6	7.5	9.8	-20.1	-2.5
Excess	8.9	-1.6	0.8	-1.3	1.6
SSIM EMERGING MARKETS PASSIVE	**33.6**	**6.7**	**9.4**	**-20.4**	**-2.9**
BENCHMARK EM	33.6	7.5	9.8	-20.1	-2.5
Excess	0.0	-0.8	-0.4	-0.3	-0.3
EMERGING MARKETS TOTAL	**39.7**	**6.2**	**10.2**	**-21.1**	**-1.5**
BENCHMARK EM	33.6	7.5	9.8	-20.1	-2.5
Excess	6.2	-1.3	0.4	-1.0	1.1

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Active ACWI ex-US										
EARNEST PARTNERS ACWI EX US	**$569,076,778**	**3.0%**	**5.5%**	**13.1%**	**34.9%**	**19.3%**	**10.9%**		**10.9%**	**01/2021**
MSCI AC WORLD ex US (NET) - DAILY			5.1%	12.3%	32.4%	17.3%	7.9%		7.9%	01/2021
Excess			0.5%	0.8%	2.5%	2.0%	3.0%		3.0%	
TOTAL ACWI EX-US AGGREGATE	**$569,076,778**	**3.0%**	**5.5%**	**13.1%**	**34.9%**	**19.3%**	**10.9%**		**10.9%**	**01/2021**
MSCI AC WORLD ex US (NET) - DAILY			5.1%	12.3%	32.4%	17.3%	7.9%		7.9%	01/2021
Excess			0.5%	0.8%	2.5%	2.0%	3.0%		3.0%	

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Active ACWI ex-US					
EARNEST PARTNERS ACWI EX US	**34.9%**	**6.8%**	**17.9%**	**-12.6%**	**12.8%**
MSCI AC WORLD ex US (NET) - DAILY	32.4	5.5	15.6	-16.0	7.8
Excess	2.5	1.3	2.3	3.4	4.9
TOTAL ACWI EX-US AGGREGATE	**34.9**	**6.8**	**17.9**	**-12.6**	**12.8**
MSCI AC WORLD ex US (NET) - DAILY	32.4	5.5	15.6	-16.0	7.8
Excess	2.5	1.3	2.3	3.4	4.9

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
China Only Managers										
EARNEST PARTNERS CHINA	**$128,532,693**	**0.7%**	**3.8%**	**22.2%**	**24.1%**	**6.1%**	**-2.6%**		**-2.6%**	**01/2021**
MSCI China A			2.2	22.4	26.5	6.9	-1.3		-1.3	01/2021
Excess			1.6	-0.2	-2.4	-0.8	-1.3		-1.3	
CHINA ONLY AGGREGATE	**128,532,693**	**0.7**	**3.8**	**22.2**	**24.1**	**6.1**	**-2.6**		**-2.6**	**01/2021**
MSCI China A			2.2	22.4	26.5	6.9	-1.3		-1.3	01/2021
Excess			1.6	-0.2	-2.4	-0.8	-1.3		-1.3	

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
China Only Managers					
EARNEST PARTNERS CHINA	**24.1%**	**6.9%**	**-10.0%**	**-24.5%**	**-2.9%**
MSCI China A	26.5	11.7	-13.5	-25.9	3.2
Excess	-2.4	-4.8	3.5	1.4	-6.1
CHINA ONLY AGGREGATE	**24.1**	**6.9**	**-10.0**	**-24.5**	**-2.9**
MSCI China A	26.5	11.7	-13.5	-25.9	3.2
Excess	-2.4	-4.8	3.5	1.4	-6.1

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

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Global Equity
December 31, 2025

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Global Equity Managers										
ARIEL	**$500,423,378**	**59.9%**	**3.2%**	**8.3%**	**24.0%**	**15.0%**	**10.0%**		**10.0%**	**01/2021**
MSCI AC WORLD NET USD DAILY			3.3	11.2	22.3	20.7	11.2		11.2	01/2021
Excess			-0.1	-2.8	1.6	-5.6	-1.2		-1.2	
BAILLIE GIFFORD	**333,592,287**	**39.9**	**-6.1**	**2.4**	**17.3**	**26.9**	**2.2**		**2.2**	**01/2021**
MSCI AC WORLD NET USD DAILY			3.3	11.2	22.3	20.7	11.2		11.2	01/2021
Excess			-9.3	-8.7	-5.0	6.2	-9.0		-9.0	
ACTIVE GLOBAL EQUITY	**834,015,665**		**-0.7**	**5.0**	**16.8**	**16.7**	**4.7**		**5.5**	**12/2020**
MSCI AC WORLD NET USD DAILY			3.3	11.2	22.3	20.7	11.2		11.6	12/2020
Excess			-4.0	-6.2	-5.6	-3.9	-6.5		-6.1	
TOTAL GLOBAL EQUITY	**835,129,810**	**100.0**	**-0.7**	**5.0**	**16.8**	**16.8**	**4.7**		**4.7**	**01/2021**
MSCI AC WORLD NET USD DAILY			3.3	11.2	22.3	20.7	11.2		11.2	01/2021
Excess			-4.0	-6.1	-5.5	-3.9	-6.4		-6.4	

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Global Equity Managers					
ARIEL	**24.0%**	**7.6%**	**14.1%**	**-5.6%**	**12.1%**
MSCI AC WORLD NET USD DAILY	22.3	17.5	22.2	-18.4	18.5
Excess	1.6	-9.9	-8.1	12.8	-6.5
BAILLIE GIFFORD	**17.3**	**26.1**	**38.0**	**-46.9**	**3.1**
MSCI AC WORLD NET USD DAILY	22.3	17.5	22.2	-18.4	18.5
Excess	-5.0	8.6	15.8	-28.5	-15.5
ACTIVE GLOBAL EQUITY	**16.8**	**11.1**	**22.6**	**-27.7**	**9.6**
MSCI AC WORLD NET USD DAILY	22.3	17.5	22.2	-18.4	18.5
Excess	-5.6	-6.4	0.4	-9.4	-8.9
TOTAL GLOBAL EQUITY	**16.8**	**11.1**	**22.6**	**-27.7**	**9.6**
MSCI AC WORLD NET USD DAILY	22.3	17.5	22.2	-18.4	18.5
Excess	-5.5	-6.4	0.4	-9.4	-8.9

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

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Core/Core Plus Bonds

December 31, 2025

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Bonds										
CORE (1)	**$3,190,535,248**	**47.9%**	**1.4%**	**3.7%**	**8.1%**	**5.8%**	**0.5%**		**0.9%**	**11/2020**
Bloomberg U.S. Aggregate			1.1	3.2	7.3	4.7	-0.4		-0.1	11/2020
Excess			0.3	0.5	0.8	1.1	0.9		1.0	
CORE PLUS (1)	**3,474,454,366**	**52.1**	**1.2**	**3.7**	**8.1**	**5.5**	**-0.3**		**0.2**	**11/2020**
Bloomberg U.S. Aggregate			1.1	3.2	7.3	4.7	-0.4		-0.1	11/2020
Excess			0.1	0.6	0.8	0.9	0.1		0.3	
TRANSITION AGGREGATE CORE BONDS (2)	22,442	0.0								
TOTAL CORE/CORE PLUS BONDS (3)	**6,665,012,056**	**100.0**	**1.2**	**3.7**	**8.1**	**5.6**	**0.0**	**2.7%**	**6.6**	**07/1984**
Bloomberg U.S. Aggregate			1.1	3.2	7.3	4.7	-0.4	2.0	6.3	07/1984
Excess			0.1	0.6	0.8	1.0	0.4	0.7	0.4	

(1) Prior to 12/1/2020, the Core and Core Plus managers were categorized as Active or Semi-Passive. For the historical performance of each manager, see the following pages in this report. For information on the historical performance of the previous groupings, refer to the Comprehensive Performance Report dated September 30, 2020.

(2) The Transition Aggregate Core Bonds include core bond securities that are being transitioned to a different manager.

(3) The current Core Bonds Benchmark is the Bloomberg U.S. Aggregate calculated daily. For historical benchmark details, please refer to the addendum of this report.

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Bonds					
CORE (1)	**8.1%**	**2.1%**	**7.3%**	**-12.3%**	**-1.0%**
Bloomberg U.S. Aggregate	7.3	1.3	5.5	-13.0	-1.5
Excess	0.8	0.8	1.7	0.7	0.5
CORE PLUS (1)	**8.1**	**1.7**	**6.8**	**-15.2**	**-1.1**
Bloomberg U.S. Aggregate	7.3	1.3	5.5	-13.0	-1.5
Excess	0.8	0.5	1.3	-2.2	0.4
TRANSITION AGGREGATE CORE BONDS (2)					
TOTAL CORE/CORE PLUS BONDS (3)	**8.1**	**1.9**	**7.0**	**-14.1**	**-1.1**
Bloomberg U.S. Aggregate	7.3	1.3	5.5	-13.0	-1.5
Excess	0.8	0.6	1.5	-1.1	0.5

(1) Prior to 12/1/2020, the Core and Core Plus managers were categorized as Active or Semi-Passive. For the historical performance of each manager, see the following pages in this report. For information on the historical performance of the previous groupings, refer to the Comprehensive Performance Report dated September 30, 2020.

(2) The Transition Aggregate Core Bonds include core bond securities that are being transitioned to a different manager.

(3) The current Core Bonds Benchmark is the Bloomberg U.S. Aggregate calculated daily. For historical benchmark details, please refer to the addendum of this report.

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Active Core										
BLACKROCK	**$1,582,274,563**	**23.7%**	**1.2%**	**3.4%**	**7.7%**	**5.2%**	**-0.1%**	**2.3%**	**4.4%**	**04/1996**
Bloomberg U.S. Aggregate			1.1	3.2	7.3	4.7	-0.4	2.0	4.3	04/1996
Excess			0.1	0.3	0.4	0.6	0.3	0.3	0.1	
DODGE & COX	**1,608,260,685**	**24.1**	**1.5**	**4.0**	**8.6**	**6.3**	**1.1**	**3.3**	**5.2**	**02/2000**
Bloomberg U.S. Aggregate			1.1	3.2	7.3	4.7	-0.4	2.0	4.1	02/2000
Excess			0.4	0.8	1.3	1.6	1.5	1.3	1.1	
CORE (1)	**3,190,535,248**	**47.9**	**1.4**	**3.7**	**8.1**	**5.8**	**0.5**		**0.9**	**11/2020**
Bloomberg U.S. Aggregate			1.1	3.2	7.3	4.7	-0.4		-0.1	11/2020
Excess			0.3	0.5	0.8	1.1	0.9		1.0	

(1) Prior to 12/1/2020, the Active Core managers were categorized as Active or Semi-Passive. For information on the historical performance of the previous groupings, refer to the Comprehensive Performance Report dated September 30, 2020.

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Active Core					
BLACKROCK	**7.7%**	**1.7%**	**6.4%**	**-13.4%**	**-1.3%**
Bloomberg U.S. Aggregate	7.3	1.3	5.5	-13.0	-1.5
Excess	0.4	0.5	0.9	-0.4	0.2
DODGE & COX	**8.6**	**2.4**	**8.0**	**-11.3**	**-0.7**
Bloomberg U.S. Aggregate	7.3	1.3	5.5	-13.0	-1.5
Excess	1.3	1.1	2.5	1.7	0.8
CORE (1)	**8.1**	**2.1**	**7.3**	**-12.3**	**-1.0**
Bloomberg U.S. Aggregate	7.3	1.3	5.5	-13.0	-1.5
Excess	0.8	0.8	1.7	0.7	0.5

(1) Prior to 12/1/2020, the Active Core managers were categorized as Active or Semi-Passive. For information on the historical performance of the previous groupings, refer to the Comprehensive Performance Report dated September 30, 2020.

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Core Plus Bonds										
GOLDMAN SACHS	**$1,782,639,520**	**26.7%**	**1.2%**	**3.5%**	**7.8%**	**5.3%**	**-0.2%**	**2.4%**	**4.8%**	**07/1993**
Bloomberg U.S. Aggregate			1.1	3.2	7.3	4.7	-0.4	2.0	4.4	07/1993
Excess			0.1	0.3	0.5	0.7	0.2	0.4	0.3	
NEUBERGER	**1,691,818,647**	**25.4**	**1.1**	**4.0**	**8.5**	**5.9**	**0.4**	**2.6**	**5.6**	**07/1988**
Bloomberg U.S. Aggregate			1.1	3.2	7.3	4.7	-0.4	2.0	5.3	07/1988
Excess			0.0	0.8	1.2	1.3	0.7	0.6	0.3	
CORE PLUS (1)	**3,474,454,366**	**52.1**	**1.2**	**3.7**	**8.1**	**5.5**	**-0.3**		**0.2**	**11/2020**
Bloomberg U.S. Aggregate			1.1	3.2	7.3	4.7	-0.4		-0.1	11/2020
Excess			0.1	0.6	0.8	0.9	0.1		0.3	

(1) Prior to 12/1/2020, the Core Plus managers were categorized as Active or Semi-Passive. For information on the historical performance of the previous groupings, refer to the Comprehensive Performance Report dated September 30, 2020.

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Core Plus Bonds					
GOLDMAN SACHS	**7.8%**	**1.9%**	**6.3%**	**-13.9%**	**-1.5%**
Bloomberg U.S. Aggregate	7.3	1.3	5.5	-13.0	-1.5
Excess	0.5	0.7	0.8	-0.9	0.0
NEUBERGER	**8.5**	**2.7**	**6.7**	**-13.8**	**-0.6**
Bloomberg U.S. Aggregate	7.3	1.3	5.5	-13.0	-1.5
Excess	1.2	1.5	1.2	-0.8	1.0
CORE PLUS (1)	**8.1**	**1.7**	**6.8**	**-15.2**	**-1.1**
Bloomberg U.S. Aggregate	7.3	1.3	5.5	-13.0	-1.5
Excess	0.8	0.5	1.3	-2.2	0.4

(1) Prior to 12/1/2020, the Core Plus managers were categorized as Active or Semi-Passive. For information on the historical performance of the previous groupings, refer to the Comprehensive Performance Report dated September 30, 2020.

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

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Return Seeking Bonds

December 31, 2025

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Return Seeking Bonds Managers										
COLUMBIA CREDIT PLUS	**$1,057,024,360**	**20.6%**	**1.4%**	**4.1%**	**9.6%**	**7.0%**	**0.9%**		**1.1%**	**12/2020**
Credit Plus Benchmark			1.5	4.2	8.9	6.9	1.0		1.0	12/2020
Excess			-0.1	-0.2	0.7	0.1	-0.1		0.1	
PIMCO CREDIT PLUS	**1,095,110,261**	**21.4**	**1.8**	**4.6**	**9.5**	**7.2**	**1.4**		**1.6**	**12/2020**
Credit Plus Benchmark			1.5	4.2	8.9	6.9	1.0		1.0	12/2020
Excess			0.3	0.4	0.7	0.3	0.4		0.5	
CREDIT PLUS	**2,152,134,621**	**42.0**	**1.6**	**4.3**	**9.6**	**7.1**	**1.2**		**1.3**	**12/2020**
Credit Plus Benchmark			1.5	4.2	8.9	6.9	1.0		1.0	12/2020
Excess			0.1	0.1	0.7	0.2	0.1		0.3	
BLACKROCK OPPORTUNISTIC	**509,920,769**	**10.0**	**1.4**	**3.5**	**7.4**	**6.5**	**2.8**		**2.8**	**12/2020**
ICE BofA US 3-Month Treasury Bill			1.0	2.1	4.2	4.8	3.2		3.1	12/2020
Excess			0.4	1.4	3.2	1.7	-0.4		-0.3	
ASHMORE EMERGING MARKET	**389,140,388**	**7.6**	**3.3**	**7.3**	**16.6**	**9.5**	**-0.5**		**-0.5**	**01/2021**
JPM JEMB Sovereign-only 50-50			3.3	7.2	16.8	10.1	1.5		1.5	01/2021
Excess			-0.1	0.1	-0.2	-0.6	-1.9		-1.9	
TCW SECURITIZED CREDIT	**540,688,759**	**10.6**	**2.1**	**4.1**	**8.5**	**7.9**			**4.3**	**07/2021**
ICE BofA US 3-Month Treasury Bill			1.0	2.1	4.2	4.8			3.5	07/2021
Excess			1.1	2.0	4.3	3.0			0.7	

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

Return Seeking Bonds Managers	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
COLUMBIA CREDIT PLUS	**9.6%**	**2.4%**	**9.0%**	**-15.3%**	**1.1%**
Credit Plus Benchmark	8.9	3.2	8.6	-13.7	0.0
Excess	0.7	-0.8	0.5	-1.6	1.1
PIMCO CREDIT PLUS	**9.5**	**3.7**	**8.4**	**-13.6**	**0.8**
Credit Plus Benchmark	8.9	3.2	8.6	-13.7	0.0
Excess	0.7	0.5	-0.1	0.1	0.7
CREDIT PLUS	**9.6**	**3.1**	**8.7**	**-14.5**	**0.9**
Credit Plus Benchmark	8.9	3.2	8.6	-13.7	0.0
Excess	0.7	-0.2	0.2	-0.7	0.9
BLACKROCK OPPORTUNISTIC	**7.4**	**4.4**	**7.7**	**-5.4**	**0.3**
ICE BofA US 3-Month Treasury Bill	4.2	5.3	5.0	1.5	0.0
Excess	3.2	-0.9	2.7	-6.8	0.2
ASHMORE EMERGING MARKET	**16.6**	**1.4**	**10.9**	**-17.2**	**-10.1**
JPM JEMB Sovereign-only 50-50	16.8	2.0	11.9	-14.8	-5.3
Excess	-0.2	-0.6	-1.0	-2.4	-4.8
TCW SECURITIZED CREDIT	**8.5**	**7.9**	**7.1**	**-4.6**	
ICE BofA US 3-Month Treasury Bill	4.2	5.3	5.0	1.5	
Excess	4.3	2.7	2.1	-6.1	

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Return Seeking Bonds Managers										
PAYDEN RYGEL	**$401,087,896**	**7.8%**	**2.4%**	**5.6%**	**10.2%**	**9.9%**	**4.2%**		**4.2%**	**01/2021**
Multi-Asset Credit Benchmark			2.0	5.0	9.6	9.8	4.1		4.1	01/2021
Excess			0.4	0.6	0.6	0.1	0.1		0.1	
PGIM	**399,845,092**	**7.8**	**2.6**	**5.2**	**9.9**	**9.9**	**3.9**		**3.9**	**01/2021**
Multi-Asset Credit Benchmark			2.0	5.0	9.6	9.8	4.1		4.1	01/2021
Excess			0.6	0.2	0.3	0.1	-0.2		-0.2	
MULTI-ASSET CREDIT	**800,932,988**	**15.6**	**2.5**	**5.4**	**10.1**	**9.9**	**4.1**		**4.1**	**01/2021**
Multi-Asset Credit Benchmark			2.0	5.0	9.6	9.8	4.1		4.1	01/2021
Excess			0.5	0.4	0.5	0.1	-0.0		-0.0	
KKR	**367,284,119**	**7.2**	**1.2**	**3.1**	**7.9**	**10.2**	**4.5**		**4.5**	**01/2021**
ICE BofA US Cash Pay HY Constrained			1.4	3.8	8.5	10.0	4.5		4.5	01/2021
Excess			-0.2	-0.7	-0.7	0.2	0.0		0.0	
OAKTREE	**364,359,103**	**7.1**	**1.7**	**4.3**	**8.6**	**9.8**	**4.6**		**4.6**	**01/2021**
ICE BofA US Cash Pay HY Constrained			1.4	3.8	8.5	10.0	4.5		4.5	01/2021
Excess			0.3	0.5	0.1	-0.2	0.1		0.1	
HIGH YIELD	**731,643,222**	**14.3**	**1.4**	**3.7**	**8.2**	**10.0**	**4.5**		**4.5**	**01/2021**
ICE BofA US Cash Pay HY Constrained			1.4	3.8	8.5	10.0	4.5		4.5	01/2021
Excess			0.1	-0.1	-0.3	0.0	0.1		0.1	

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

Return Seeking Bonds Managers	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
PAYDEN RYGEL	**10.2%**	**7.7%**	**11.7%**	**-9.6%**	**2.6%**
Multi-Asset Credit Benchmark	9.6%	7.5%	12.3%	-10.0%	2.7%
Excess	0.6%	0.2%	-0.6%	0.4%	-0.1%
PGIM	**9.9%**	**7.6%**	**12.3%**	**-11.5%**	**3.2%**
Multi-Asset Credit Benchmark	9.6%	7.5%	12.3%	-10.0%	2.7%
Excess	0.3%	0.1%	-0.0%	-1.5%	0.5%
MULTI-ASSET CREDIT	**10.1%**	**7.7%**	**12.0%**	**-10.6%**	**2.9%**
Multi-Asset Credit Benchmark	9.6%	7.5%	12.3%	-10.0%	2.7%
Excess	0.5%	0.2%	-0.3%	-0.6%	0.2%
KKR	**7.9%**	**8.8%**	**13.9%**	**-11.0%**	**4.7%**
ICE BofA US Cash Pay HY Constrained	8.5%	8.0%	13.4%	-11.1%	5.3%
Excess	-0.7%	0.8%	0.5%	0.1%	-0.6%
OAKTREE	**8.6%**	**8.4%**	**12.4%**	**-9.5%**	**4.5%**
ICE BofA US Cash Pay HY Constrained	8.5%	8.0%	13.4%	-11.1%	5.3%
Excess	0.1%	0.3%	-1.0%	1.6%	-0.8%
HIGH YIELD	**8.2%**	**8.6%**	**13.2%**	**-10.3%**	**4.6%**
ICE BofA US Cash Pay HY Constrained	8.5%	8.0%	13.4%	-11.1%	5.3%
Excess	-0.3%	0.6%	-0.2%	0.8%	-0.7%

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

Minnesota State Board of Investment
Quarter Ending December 31, 2025
Return Seeking Bond Managers

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Return Seeking Bonds										
CREDIT PLUS	**$2,152,134,621**	**42.0%**	**1.6%**	**4.3%**	**9.6%**	**7.1%**	**1.2%**		**1.3%**	**12/2020**
Credit Plus Benchmark			1.5	4.2	8.9	6.9	1.0		1.0	12/2020
Excess			0.1	0.1	0.7	0.2	0.1		0.3	
OPPORTUNISTIC FI	**509,920,769**	**10.0**	**1.4**	**3.5**	**7.4**	**6.5**	**2.8**		**2.8**	**12/2020**
ICE BofA US 3-Month Treasury Bill			1.0	2.1	4.2	4.8	3.2		3.1	12/2020
Excess			0.4	1.4	3.2	1.7	-0.4		-0.3	
EMERGING MARKET DEBT	**389,140,388**	**7.6**	**3.3**	**7.3**	**16.6**	**9.5**	**-0.5**		**-0.5**	**01/2021**
JPM JEMB Sovereign-only 50-50			3.3	7.2	16.8	10.1	1.5		1.5	01/2021
Excess			-0.1	0.1	-0.2	-0.6	-1.9		-1.9	
SECURITIZED CREDIT	**540,688,759**	**10.6**	**2.1**	**4.1**	**8.5**	**7.9**			**4.2**	**06/2021**
ICE BofA US 3-Month Treasury Bill			1.0	2.1	4.2	4.8			3.5	06/2021
Excess			1.1	2.0	4.3	3.0			0.7	
MULTI-ASSET CREDIT	**800,932,988**	**15.6**	**2.5**	**5.4**	**10.1**	**9.9**	**4.1**		**4.1**	**01/2021**
Multi-Asset Credit Benchmark			2.0	5.0	9.6	9.8	4.1		4.1	01/2021
Excess			0.5	0.4	0.5	0.1	-0.0		-0.0	
HIGH YIELD	**731,643,222**	**14.3**	**1.4**	**3.7**	**8.2**	**10.0**	**4.5**		**4.5**	**01/2021**
ICE BofA US Cash Pay HY Constrained			1.4	3.8	8.5	10.0	4.5		4.5	01/2021
Excess			0.1	-0.1	-0.3	0.0	0.1		0.1	
RETURN SEEKING BONDS	**5,124,468,173**	**100.0**	**1.9**	**4.5**	**9.6**	**8.1**	**2.5**		**2.6**	**12/2020**
Return Seeking Fixed Income Benchmark			1.6	4.0	8.5	7.6	2.5		2.6	12/2020
Excess			0.3	0.5	1.1	0.6	-0.0		0.1	

Minnesota State Board of Investment
Quarter Ending December 31, 2025
Return Seeking Bond Managers

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Return Seeking Bonds					
CREDIT PLUS	**9.6%**	**3.1%**	**8.7%**	**-14.5%**	**0.9%**
Credit Plus Benchmark	8.9	3.2	8.6	-13.7	0.0
Excess	0.7	-0.2	0.2	-0.7	0.9
OPPORTUNISTIC FI	**7.4**	**4.4**	**7.7**	**-5.4**	**0.3**
ICE BofA US 3-Month Treasury Bill	4.2	5.3	5.0	1.5	0.0
Excess	3.2	-0.9	2.7	-6.8	0.2
EMERGING MARKET DEBT	**16.6**	**1.4**	**10.9**	**-17.2**	**-10.1**
JPM JEMB Sovereign-only 50-50	16.8	2.0	11.9	-14.8	-5.3
Excess	-0.2	-0.6	-1.0	-2.4	-4.8
SECURITIZED CREDIT	**8.5**	**7.9**	**7.1**	**-4.6**	
ICE BofA US 3-Month Treasury Bill	4.2	5.3	5.0	1.5	
Excess	4.3	2.7	2.1	-6.1	
MULTI-ASSET CREDIT	**10.1**	**7.7**	**12.0**	**-10.6**	**2.9**
Multi-Asset Credit Benchmark	9.6	7.5	12.3	-10.0	2.7
Excess	0.5	0.2	-0.3	-0.6	0.2
HIGH YIELD	**8.2**	**8.6**	**13.2**	**-10.3**	**4.6**
ICE BofA US Cash Pay HY Constrained	8.5	8.0	13.4	-11.1	5.3
Excess	-0.3	0.6	-0.2	0.8	-0.7
RETURN SEEKING BONDS	**9.6**	**5.1**	**9.8**	**-11.3**	**0.9**
Return Seeking Fixed Income Benchmark	8.5	5.0	9.3	-9.8	0.8
Excess	1.1	0.1	0.5	-1.6	0.1

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Treasuries
December 31, 2025

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Treasuries Managers										
BLACKROCK	**$3,401,371,160**	**33.1%**	**0.6%**	**2.6%**	**7.0%**	**2.6%**	**-3.8%**		**0.6%**	**02/2018**
Bloomberg Treasury 5+ Year			0.6	2.6	7.0	2.5	-3.8		0.7	02/2018
Excess			0.0	0.1	0.1	0.2	-0.0		-0.1	
GOLDMAN SACHS	**3,065,908,721**	**29.9**	**0.6**	**2.5**	**7.0**	**2.8**	**-3.7**		**0.7**	**02/2018**
Bloomberg Treasury 5+ Year			0.6	2.6	7.0	2.5	-3.8		0.7	02/2018
Excess			-0.0	-0.0	0.1	0.3	0.1		0.1	
NEUBERGER	**3,801,807,651**	**37.0**	**0.7**	**2.7**	**7.3**	**2.8**	**-3.6**		**0.8**	**02/2018**
Bloomberg Treasury 5+ Year			0.6	2.6	7.0	2.5	-3.8		0.7	02/2018
Excess			0.1	0.1	0.3	0.3	0.2		0.1	
TOTAL TREASURIES	**10,269,087,531**	**100.0**	**0.6**	**2.6**	**7.1**	**2.7**	**-3.7**		**0.7**	**02/2018**
Bloomberg Treasury 5+ Year			0.6	2.6	7.0	2.5	-3.8		0.7	02/2018
Excess			0.0	0.0	0.2	0.3	0.1		0.0	

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Treasuries Managers					
BLACKROCK	**7.0%**	**-3.0%**	**4.1%**	**-20.6%**	**-4.0%**
Bloomberg Treasury 5+ Year	7.0	-3.0	3.7	-20.3	-3.8
Excess	0.1	-0.0	0.5	-0.3	-0.2
GOLDMAN SACHS	**7.0**	**-2.8**	**4.4**	**-20.6**	**-3.9**
Bloomberg Treasury 5+ Year	7.0	-3.0	3.7	-20.3	-3.8
Excess	0.1	0.2	0.7	-0.3	-0.1
NEUBERGER	**7.3**	**-2.7**	**4.1**	**-20.5**	**-3.4**
Bloomberg Treasury 5+ Year	7.0	-3.0	3.7	-20.3	-3.8
Excess	0.3	0.2	0.4	-0.2	0.4
TOTAL TREASURIES	**7.1**	**-2.8**	**4.2**	**-20.6**	**-3.7**
Bloomberg Treasury 5+ Year	7.0	-3.0	3.7	-20.3	-3.8
Excess	0.2	0.1	0.5	-0.3	0.0

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

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Laddered Bonds + Cash

December 31, 2025

	Ending Market Value	Portfolio Weight	Last Qtr	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Laddered Bond and Cash Managers									
Neuberger Berman Ladder Bond	**$1,286,069,908**	**21.9%**	**1.1%**	**4.5%**	**5.0%**	**3.2%**		**3.1%**	**11/2020**
ICE BofA US 3-Month Treasury Bill			1.0	4.2	4.8	3.2		3.1	11/2020
Excess			0.1	0.3	0.2	-0.0		0.0	
Goldman Sachs Ladder Bond	**1,287,700,460**	**21.9**	**1.1**	**4.5**	**5.0**	**3.2**		**3.1**	**11/2020**
ICE BofA US 3-Month Treasury Bill			1.0	4.2	4.8	3.2		3.1	11/2020
Excess			0.1	0.3	0.2	0.0		0.0	
Treasury Ladder Aggregate	**2,573,770,368**	**43.8**	**1.1**	**4.5**	**5.0**	**3.2**		**3.1**	**11/2020**
ICE BofA US 3-Month Treasury Bill			1.0	4.2	4.8	3.2		3.1	11/2020
Excess			0.1	0.3	0.2	0.0		0.0	
Combined Funds STIF	**3,243,621,231**	**55.2**	**1.0**	**4.5**	**5.1**	**3.4**	**2.3%**	**1.9**	**01/2004**
iMoneyNet Money Fund Average-All Taxable			0.9	4.0	4.6	3.0	1.9	1.6	01/2004
Excess			0.1	0.5	0.5	0.4	0.4	0.4	
TEACHERS RETIREMENT CD REPO	**59,714,935**	**1.0**	**1.0**	**4.4**	**5.0**	**3.3**	**2.4**	**1.8**	**02/2012**
ICE BofA US 3-Month Treasury Bill			1.0	4.2	4.8	3.2	2.2	1.6	02/2012
Excess			0.1	0.2	0.2	0.1	0.2	0.2	
Laddered Bond + Cash	**5,877,318,741**	**100.0**	**1.0**	**4.5**	**5.0**	**3.2**	**2.2**	**4.2**	**12/1977**
ICE BofA US 3-Month Treasury Bill			1.0	4.2	4.8	3.2	2.2	4.4	12/1977
Excess			0.1	0.3	0.2	0.1	0.1	-0.2	

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Laddered Bond and Cash Managers					
Neuberger Berman Ladder Bond	**4.5%**	**5.4%**	**5.2%**	**0.8%**	**0.0%**
ICE BofA US 3-Month Treasury Bill	4.2	5.3	5.0	1.5	0.0
Excess	0.3	0.2	0.2	-0.6	-0.0
Goldman Sachs Ladder Bond	**4.5**	**5.4**	**5.2**	**0.9**	**0.1**
ICE BofA US 3-Month Treasury Bill	4.2	5.3	5.0	1.5	0.0
Excess	0.3	0.2	0.2	-0.5	0.0
Treasury Ladder Aggregate	**4.5**	**5.4**	**5.2**	**0.9**	**0.0**
ICE BofA US 3-Month Treasury Bill	4.2	5.3	5.0	1.5	0.0
Excess	0.3	0.2	0.2	-0.6	-0.0
Combined Funds STIF	**4.5**	**5.4**	**5.3**	**1.7**	**0.1**
iMoneyNet Money Fund Average-All Taxable	4.0	4.9	4.8	1.4	0.0
Excess	0.5	0.5	0.5	0.4	0.1
TEACHERS RETIREMENT CD REPO	**4.4**	**5.5**	**5.2**	**1.5**	**0.1**
ICE BofA US 3-Month Treasury Bill	4.2	5.3	5.0	1.5	0.0
Excess	0.2	0.2	0.2	0.1	0.0
Laddered Bond + Cash	**4.5**	**5.4**	**5.2**	**1.1**	**0.0**
ICE BofA US 3-Month Treasury Bill	4.2	5.3	5.0	1.5	0.0
Excess	0.3	0.2	0.2	-0.4	-0.0

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

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Uninvested Private Markets

December 31, 2025

	Ending Market Value	Portfolio Weight	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Uninvested Private Markets Managers										
NISA OVERLAY	**$909,758,035**	**100.0%**	**2.3%**						**4.8%**	**08/2025**
NISA CUSTOM BENCHMARK			2.3						3.1	08/2025
Excess			-0.0						1.8	
UNINVESTED PRIVATE MARKETS (1)	**909,765,847**	**100.0**	**2.3**	**5.7%**	**7.7%**	**6.2%**	**4.9%**		**4.9**	**01/2021**
Uninvested PM Custom Benchmark			2.3	3.4	5.6	5.3	2.9		2.9	01/2021
Excess			-0.0	2.3	2.1	0.9	2.0		2.0	

(1) As of 07/11/2025, the Uninvested Private Markets portfolio is invested in an equitization strategy which invests in equity derivatives, ETFs, and cash. From 11/01/2022-7/10/2025, the portfolio was invested in cash. Prior to 11/01/2022, the portfolio was invested in a combination of a passively managed S&P 500 Index strategy and a cash overlay strategy, which was invested in equity derivatives and cash.

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Uninvested Private Markets Managers					
NISA OVERLAY					
NISA CUSTOM BENCHMARK					
Excess					
UNINVESTED PRIVATE MARKETS (1)	**7.7%**	**5.0%**	**5.9%**	**-17.6%**	**28.6%**
Uninvested PM Custom Benchmark	5.6	5.3	5.0	-23.2	28.7
Excess	2.1	-0.3	0.9	5.6	-0.1

(1) As of 07/11/2025, the Uninvested Private Markets portfolio is invested in an equitization strategy which invests in equity derivatives, ETFs, and cash. From 11/01/2022-7/10/2025, the portfolio was invested in cash. Prior to 11/01/2022, the portfolio was invested in a combination of a passively managed S&P 500 Index strategy and a cash overlay strategy, which was invested in equity derivatives and cash.

Note: All aggregates include the performance of terminated managers. For historical benchmark details, please refer to the addendum of this report.

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Private Markets

December 31, 2025

Combined Funds Asset Class Performance Summary

Private Markets

	Last Qtr	FYTD	1 Year	3 Year	5 Year	10 Year	20 Year	25 Year	30 Year
Private Markets - Invested	1.8%	3.9%	6.2%	7.3%	12.5%	11.8%	11.5%	11.6%	13.2%
Private Markets -Uninvested (1)	2.3%	5.7%	7.7%	6.2%	4.9%				
Private Equity	2.2%	4.6%	8.0%	9.6%	13.8%	14.9%	13.7%	12.6%	15.2%
Private Credit	1.6%	3.0%	4.8%	7.0%	11.9%	11.3%	11.8%	11.4%	
Resources	1.1%	4.3%	2.6%	2.0%	10.5%	3.5%	7.3%	11.4%	12.3%
Real Estate	-0.2%	-0.5%	-2.8%	-4.2%	6.4%	7.5%	7.4%	8.0%	9.0%

Private Markets

The time-weighted rates of return for the Private Markets portfolio are shown here. Private Markets included Private Equity, Private Credit, Resources, and Real Estate. Some of the existing investments are relatively immature and returns may not be indicative of future results.

Private Equity Investments - The objectives of the Private Equity portfolio, which may include leveraged buyouts, growth equity, venture capital and special situations, are to achieve attractive returns and to provide overall portfolio diversification to the total plan.

Private Credit Investments - The objectives of the Private Credit portfolio, which may include mezzanine debt, direct lending, and other forms of non-investment grade fixed income instruments, are to achieve a high total return over a full market cycle and to provide some degree of downside protection and typically provide current income in the form of a coupon. In certain situations, investments in the Private Credit portfolio also provide an equity component of return in the form of warrants or re-organized equity.

Resource Investments - The objectives of the Resources portfolio, which may include energy, infrastructure, and other hard assets, are to provide protection against the risks associated with inflation and to provide overall portfolio diversification to the total plan.

Real Estate Investments - The objectives of the Real Estate portfolio, which may include core and non-core real estate investments, are to achieve attractive returns, preserve capital, provide protection against risks associated with inflation, and provide overall portfolio diversification to the total plan.

The SBI also monitors Private Markets performance using money-weighted return metrics such as Internal Rate of Return and Multiple of Invested Capital. For money-weighted return metrics please refer to the Combined Funds Performance Report.

(1) As of 07/11/2025, the Uninvested Private Markets portfolio is invested in an equitization strategy which invests in equity derivatives, ETFs, and cash. From 11/01/2022-7/10/2025 the portfolio allocation was invested in cash. Prior to 11/01/2022, the portfolio was invested in a combination of a passively managed S&P 500 Index strategy and a cash overlay strategy invested in equity derivatives and cash.

Source: State Street Bank

Minnesota State Board of Investment
Quarter Ending December 31, 2025
Private Markets Investments

Investments	Commitments	Contributions	Distributions	Remaining Commitment	Market Value	Investment Multiple	IRR	Vintage Year
Private Equity	**28,687,930,432**	**22,571,516,963**	**20,264,235,245**	**8,906,565,298**	**16,074,528,765**	**1.61**	**13.3**	
Adams Street Partners, LLC	465,355,000	337,438,684	217,838,063	128,725,675	280,556,201	1.48	11.7	
Adams Street Global Secondary Fund 5 LP	100,000,000	77,114,692	86,678,888	22,885,308	17,262,726	1.35	5.8	2012
Adams Street Global Secondary Fund 6	100,000,000	80,400,008	85,977,323	19,599,992	42,720,918	1.60	15.9	2017
Adams Street Global Secondary Fund 7	265,355,000	179,923,984	45,181,852	86,240,375	220,572,557	1.48	21.1	2021
Advent International Group	655,000,000	443,072,118	445,148,443	215,011,836	329,838,586	1.75	14.7	
Advent International GPE VI-A, L.P.	50,000,000	52,993,313	103,400,194	0	3,868,084	2.02	16.3	2008
Advent International GPE VII, L.P.	90,000,000	86,490,641	149,997,935	3,600,000	6,551,555	1.81	13.1	2012
Advent International GPE VIII-B	100,000,000	100,000,000	148,865,342	0	56,989,154	2.06	15.1	2016
Advent International GPE IX	115,000,000	109,824,875	41,292,125	5,175,125	138,521,411	1.64	12.9	2019
Advent International GPE X	150,000,000	93,763,289	1,592,847	56,236,711	123,908,382	1.34	16.5	2022
Advent International GPE XI	150,000,000	0	0	150,000,000	0			2025
Apax Partners	600,000,000	583,946,802	645,210,030	130,977,253	268,901,024	1.57	13.4	
APAX VIII - USD	200,000,000	240,451,261	364,650,169	7,966,190	9,631,966	1.56	12.5	2013
Apax IX USD L.P.	150,000,000	163,960,215	240,283,411	12,269,940	68,828,593	1.89	17.2	2016
Apax X USD L.P.	150,000,000	151,017,642	40,276,450	39,258,808	159,634,065	1.32	9.1	2019
Apax XI	100,000,000	28,517,684	0	71,482,316	30,806,399	1.08	7.7	2022
Arsenal Capital Partners	175,000,000	143,325,303	28,349,445	45,343,751	138,374,672	1.16	4.6	
Arsenal Capital Partners VI LP	100,000,000	66,626,400	3,662,926	36,456,373	59,062,985	0.94	-3.2	2021
Arsenal Capital Partners V, L.P.	75,000,000	76,698,903	24,686,519	8,887,378	79,311,687	1.36	6.9	2019
Asia Alternatives	399,000,000	290,973,643	50,091,262	130,549,872	296,911,020	1.19	6.1	
Asia Alternatives Capital Partners V	99,000,000	112,690,215	39,590,349	6,498,020	105,784,987	1.29	6.3	2017
MN Asia Investors	300,000,000	178,283,428	10,500,913	124,051,852	191,126,034	1.13	5.8	2020
Banc Fund	187,460,477	187,466,811	174,080,765	0	102,898,189	1.48	6.1	
Banc Fund IX, L.P.	107,205,932	107,205,932	158,770,041	0	7,946,629	1.56	6.3	2014
Banc Fund X, L.P.	80,254,545	80,260,879	15,310,724	0	94,951,560	1.37	5.9	2018
BlackRock	950,000,000	954,617,522	1,666,289,527	0	343,550,591	2.11	22.4	
BlackRock Long Term Capital, SCSP	950,000,000	954,617,522	1,666,289,527	0	343,550,591	2.11	22.4	2019
Blackstone Group L.P.	2,335,000,000	1,263,320,273	875,037,084	1,226,866,110	905,605,207	1.41	13.7	
Blackstone Capital Partners Asia II	270,000,000	145,920,464	31,607,646	138,077,343	189,195,262	1.51	29.2	2021
Blackstone Capital Partners Asia III	300,000,000	0	0	300,000,000	0			2025
Blackstone Capital Partners IV, L.P.	70,000,000	84,435,834	201,562,974	1,765,384	47,251	2.39	37.0	2002
Blackstone Capital Partners V L.P.	140,000,000	152,477,038	246,946,934	7,027,560	207,795	1.62	8.0	2006
Blackstone Capital Partners VI, L.P.	100,000,000	107,015,142	176,958,688	10,975,597	18,605,578	1.83	12.1	2008
Blackstone Capital Partners VII	130,000,000	144,831,155	139,750,602	6,458,074	101,319,536	1.66	11.7	2015
Blackstone Capital Partners VIII LP	150,000,000	150,052,120	39,582,865	29,006,249	147,608,754	1.25	8.4	2019
Blackstone Capital Partners IX	150,000,000	9,338,517	0	140,661,483	11,830,425	1.27	29.4	2022
Blackstone Energy Transition Partners IV L.P.	200,000,000	101,349,885	852,491	99,502,606	118,017,607	1.17	51.6	2024
Blackstone Growth	250,000,000	265,560,859	33,832,186	16,173,551	227,714,918	0.98	-0.5	2020
Blackstone Growth Equity II	150,000,000	0	0	150,000,000	0			2022
Blackstone Supplemental Account - M	425,000,000	102,339,259	3,942,698	327,218,264	91,058,081	0.93	-2.9	2021

Minnesota State Board of Investment
Quarter Ending December 31, 2025
Private Markets Investments

Investments	Commitments	Contributions	Distributions	Remaining Commitment	Market Value	Investment Multiple	IRR	Vintage Year
Blackstone Strategic Partners	550,000,000	443,512,818	446,293,638	161,253,118	229,200,008	1.52	15.5	
Strategic Partners VI, L.P.	150,000,000	105,392,552	145,511,845	14,516,086	13,515,048	1.51	13.3	2014
Strategic Partners VII, L.P.	150,000,000	126,223,424	167,016,259	41,773,555	42,529,854	1.66	15.5	2016
Strategic Partners VIII	150,000,000	132,796,862	122,616,365	73,037,479	82,361,810	1.54	19.5	2018
Strategic Partners IX	100,000,000	79,099,980	11,149,170	31,925,998	90,793,295	1.29	17.1	2022
Blue Owl Capital	775,000,000	578,981,776	590,034,787	562,965,111	461,644,187	1.82	25.2	
Blue Owl GP Stakes III	175,000,000	228,434,886	271,735,202	107,699,261	180,690,521	1.98	23.9	2015
Blue Owl GP Stakes IV	250,000,000	224,716,494	267,756,424	183,271,706	186,977,513	2.02	32.8	2018
Blue Owl GP Stakes V	200,000,000	118,330,397	50,512,559	129,494,143	91,005,200	1.20	9.7	2020
Blue Owl GP Stakes VI	150,000,000	7,500,000	30,602	142,500,000	2,970,953			2024
Bridgepoint	584,576,284	240,906,968	134,259,895	325,279,614	258,168,706	1.63	16.3	
Bridgepoint Development Capital V, L.P.	117,445,053	11,052,360	0	106,275,022	8,055,960			2024
Bridgepoint Europe VI L.P.	176,167,580	161,699,396	131,962,936	7,285,952	170,589,742	1.87	16.4	2018
Bridgepoint Europe VII	114,796,071	68,155,212	2,296,960	35,551,060	79,523,003	1.20	18.7	2022
Bridgepoint Europe VIII	176,167,580	0	0	176,167,580	0			2025
Brookfield Asset Management Inc.	500,000,000	492,173,130	351,560,496	78,188,819	501,254,436	1.73	22.9	
Brookfield Capital Partners Fund IV	100,000,000	119,395,459	237,482,466	2,372,372	39,634,350	2.32	40.9	2015
Brookfield Capital Partners V L.P.	250,000,000	274,367,285	109,131,913	19,586,551	342,274,667	1.65	13.5	2018
Brookfield Capital Partners Fund VI	150,000,000	98,410,386	4,946,117	56,229,896	119,345,419	1.26	13.1	2022
Canyon Partners	125,000,000	146,475,843	119,152,988	0	81,209,608	1.37	10.6	
Canyon Distressed Opportunity Fund III	125,000,000	146,475,843	119,152,988	0	81,209,608	1.37	10.6	2020
Cardinal Partners	10,000,000	10,000,000	39,196,082	0	118,480	3.93	10.6	
DSV Partners IV	10,000,000	10,000,000	39,196,082	0	118,480	3.93	10.6	1985
Carlyle Group	400,000,000	422,034,520	180,524,229	76,287,326	347,283,976	1.25	7.1	
Carlyle Strategic Partners IV, L.P.	100,000,000	144,440,762	91,037,024	13,471,683	76,470,606	1.16	5.4	2016
Carlyle Partners VII, L.P.	150,000,000	162,038,626	66,909,521	5,881,675	158,962,847	1.39	7.7	2017
Carlyle Partners VIII	150,000,000	115,555,132	22,577,684	56,933,968	111,850,523	1.16	8.6	2021
CarVal Investors	600,000,000	532,109,760	571,541,171	37,500,000	178,269,172	1.41	8.2	
CVI Credit Value Fund A II	150,000,000	142,500,000	203,046,788	7,500,000	1,002,990	1.43	8.3	2012
CVI Credit Value Fund A III	150,000,000	142,500,000	191,079,210	7,500,000	6,488,665	1.39	8.4	2015
CVI Credit Value Fund IV	150,000,000	104,609,760	111,866,435	15,000,000	56,565,232	1.61	7.8	2017
CVI Credit Value Fund V	150,000,000	142,500,000	65,548,738	7,500,000	114,212,285	1.26	8.3	2020
Clearlake Capital	100,000,000	71,735,191	268,947	28,423,122	79,229,806	1.11	3.7	
Clearlake Capital Partners VII	100,000,000	71,735,191	268,947	28,423,122	79,229,806	1.11	3.7	2022
Court Square	589,419,132	550,274,495	803,548,407	101,009,609	249,151,495	1.91	14.9	
Court Square Capital Partners II, L.P.	164,419,132	170,270,247	298,783,330	5,656,060	95,678	1.76	12.3	2006
Court Square Capital Partners III, L.P.	175,000,000	191,605,372	380,599,995	4,639,539	81,907,790	2.41	20.0	2012
Court Square Capital Partners IV, L.P.	150,000,000	173,554,106	124,165,082	5,558,780	153,253,011	1.60	17.3	2018
Court Square Capital Partners V, L.P.	100,000,000	14,844,770	0	85,155,230	13,895,016			2024

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CVC Capital Partners	499,141,477	490,243,303	735,317,559	89,434,622	215,974,969	1.94	16.0	
CVC Capital Partners VI	264,251,370	299,998,613	437,759,193	6,608,945	174,988,648	2.04	15.3	2013
CVC Capital Partners IX	117,445,053	36,360,592	2,000,139	81,148,281	37,550,489	1.09	15.0	2023
CVC European Equity Partners V, L.P.	117,445,053	153,884,098	295,558,227	1,677,396	3,435,832	1.94	16.7	2008
Dawson Partners	400,000,000	405,632,663	292,089,221	120,084,455	193,179,885	1.20	11.1	
Dawson Portfolio Finance 3	100,000,000	107,457,547	106,262,261	10,238,241	35,745,998	1.32	12.5	2019
Dawson Portfolio Finance 4	100,000,000	113,221,162	81,281,789	11,276,018	55,385,852	1.21	9.6	2020
Dawson Portfolio Finance 5	100,000,000	92,615,879	44,316,887	32,602,994	61,852,749	1.15	9.2	2021
Dawson Portfolio Finance 6	100,000,000	92,338,076	60,228,283	65,967,203	40,195,285	1.09	14.2	2024
Goldman, Sachs & Co.	449,800,000	400,582,491	396,699,169	156,468,460	205,145,723	1.50	10.0	
GS Capital Partners VI, L.P.	100,000,000	110,606,276	144,846,044	2,551,356	94,113	1.31	7.1	2007
GS China-US Cooperation Fund	99,800,000	47,324,965	4,591,290	56,087,600	66,513,691	1.50	9.8	2018
GS Vintage VII	100,000,000	91,259,383	96,798,662	61,836,782	55,445,855	1.67	13.3	2016
West Street Capital Partners VII, L.P.	150,000,000	151,391,867	150,463,173	35,992,722	83,092,064	1.54	13.1	2016
Goldner Hawn Johnson & Morrison	150,510,266	92,824,905	106,938,463	58,317,327	80,226,652	2.02	20.7	
GHJM TrailHead Fund	20,000,000	17,572,130	56,220,283	2,894,486	23,787	3.20	19.6	2012
Goldner Hawn Fund VII, L.P.	57,755,138	49,468,379	50,716,280	8,452,109	50,535,984	2.05	26.0	2018
Goldner Hawn VIII	72,755,128	25,784,396	1,900	46,970,732	29,666,881	1.15	8.4	2023
Green Equity Investors	325,000,000	396,427,695	482,637,841	23,285,404	220,678,122	1.77	12.5	
Green Equity Investors VI, L.P.	200,000,000	277,254,122	436,376,263	4,125,348	83,107,119	1.87	12.7	2012
Green Equity Investors VIII	125,000,000	119,173,573	46,261,578	19,160,056	137,571,003	1.54	11.5	2020
GTCR	110,000,000	108,997,026	309,894,531	10,416,556	21,544,081	3.04	30.2	
GTCR XI	110,000,000	108,997,026	309,894,531	10,416,556	21,544,081	3.04	30.2	2013
HarbourVest	18,298,917	17,604,597	24,589,134	633,945	3,112,581	1.57	11.4	
Dover Street VII Cayman Fund L.P.	2,198,112	2,074,270	1,856,658	132,416	3,316	0.90	-4.5	2014
Harbourvest Intl PE Partners VI-Cayman	4,403,196	4,040,737	6,639,885	205,529	1,106,855	1.92	13.8	2014
HarbourVest Partners VIII Cayman Buyout	4,506,711	4,396,058	6,172,413	156,000	13,221	1.41	12.9	2014
HarbourVest Partners VIII-Cayman Venture	7,190,898	7,093,532	9,920,178	140,000	1,989,188	1.68	11.4	2014
Hellman & Friedman	575,000,000	491,402,139	239,016,864	128,184,106	552,678,005	1.61	16.1	
Hellman & Friedman Capital Partners VII, L.P.	50,000,000	49,914,704	161,629,243	2,183,886	3,829,991	3.31	24.8	2009
Hellman & Friedman Investors IX, L.P.	175,000,000	186,725,245	39,369,403	8,962,715	291,943,027	1.77	13.4	2018
Hellman & Friedman Capital Partners X	250,000,000	254,762,190	38,018,218	17,037,505	256,904,987	1.16	5.5	2021
Hellman & Friedman Capital Partners XI	100,000,000	0	0	100,000,000	0			2023
IK Investment Partners	728,159,331	535,341,904	613,792,940	210,969,142	268,049,109	1.65	13.8	
IK Fund VII	176,167,580	179,753,171	331,249,819	8,907,352	167,506	1.84	13.9	2013
IK Fund VIII	176,167,580	179,587,595	279,566,119	9,016,231	49,434,201	1.83	16.7	2016
IK Fund IX	158,550,822	148,769,898	2,975,274	4,117,732	191,397,356	1.31	7.5	2019
IK Fund X	105,700,548	27,231,240	1,728	77,355,026	27,050,047	0.99	-1.6	2022
IK Small Cap Fund IV	111,572,801	0	0	111,572,801	0			2024

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Kohlberg, Kravis, Roberts & Co.	1,797,000,000	1,185,981,157	396,521,297	711,665,180	1,317,223,114	1.45	13.7	
KKR Americas Fund XII L.P.	150,000,000	152,577,930	156,831,692	14,552,122	175,470,278	2.18	18.7	2016
KKR Ascendant Strategy	150,000,000	63,294,766	671,995	92,594,289	61,313,547	0.98	-2.2	2023
KKR Asian Fund III	100,000,000	98,931,693	100,730,297	14,041,003	95,123,813	1.98	18.0	2017
KKR Asian Fund IV	150,000,000	121,789,196	36,256,833	50,301,469	139,599,012	1.44	16.3	2020
KKR Core Investments Partnership	97,000,000	107,881,248	46,089,784	24,319	112,475,558	1.47	11.2	2021
KKR Core Investments Fund II	100,000,000	26,279,866	761,191	74,338,904	29,415,725	1.15	8.4	2022
KKR Europe V	100,000,000	100,072,456	45,767,768	8,373,439	96,218,617	1.42	9.9	2018
KKR European Fund VI (USD) SCSp	100,000,000	72,464,784	0	31,230,285	70,170,760	0.97	-2.4	2022
KKR MN Partnership L.P.	150,000,000	150,347,726	3,288,853	3,115,442	187,078,303	1.27	9.0	2021
KKR North America Fund XIII	300,000,000	292,341,492	6,122,884	23,093,908	350,357,499	1.22	10.0	2021
KKR North America Fund XIV	400,000,000	0	0	400,000,000	0			2024
Lexington Partners	1,645,000,000	1,348,296,811	1,052,589,203	393,829,905	1,039,740,049	1.55	12.4	
Lexington Capital Partners VI-B, L.P.	100,000,000	98,374,022	145,958,371	1,634,703	730,289	1.49	7.9	2005
Lexington Capital Partners VII, L.P.	200,000,000	173,297,773	283,043,362	30,670,593	3,674,887	1.65	14.1	2009
Lexington Capital Partners VIII, L.P.	150,000,000	140,995,558	179,480,719	28,054,666	52,798,883	1.65	13.8	2014
Lexington Capital Partners IX, L.P.	150,000,000	134,081,724	72,966,186	31,503,130	134,007,396	1.54	14.4	2018
Lexington Capital Partners X	100,000,000	58,613,427	7,980,507	48,875,168	68,050,356	1.30	17.4	2021
Lexington Co-Investment Partners IV	200,000,000	222,372,123	236,665,208	2,338,903	181,399,871	1.88	14.8	2017
Lexington Co-Investment Partners V	300,000,000	314,257,389	67,106,987	10,485,654	385,219,111	1.44	13.3	2020
Lexington Co-Investment Partners V Overage	45,000,000	39,906,900	6,985,268	6,664,983	48,444,460	1.39	10.8	2021
Lexington Co-Investment Partners VI	300,000,000	82,500,000	0	217,500,000	88,497,503	1.07	17.7	2023
Lexington Middle Market Investors IV	100,000,000	83,897,895	52,402,595	16,102,105	76,917,294	1.54	12.9	2016
Madison Dearborn Capital Partners LLC	200,000,000	212,581,037	137,789,172	29,036,545	174,784,742	1.47	10.1	
Madison Dearborn Capital Partners VII, L.P.	100,000,000	102,296,153	87,765,222	15,842,064	79,275,849	1.63	9.8	2015
Madison Dearborn Capital Partners VIII-A, L.P	100,000,000	110,284,884	50,023,950	13,194,481	95,508,893	1.32	11.2	2019
Marathon	400,000,000	321,487,712	148,357,153	103,000,000	251,594,393	1.24	10.3	
Marathon Distressed Credit Fund	200,000,000	161,906,171	128,888,049	44,000,000	94,401,812	1.38	10.1	2020
Marathon Distressed Credit Fund II	200,000,000	159,581,541	19,469,104	59,000,000	157,192,581	1.11	11.8	2023
Merced Capital	178,737,500	184,266,287	221,547,760	0	14,589,674	1.28	4.5	
Merced Partners IV	125,000,000	124,968,390	136,386,037	0	3,908,828	1.12	2.3	2013
Merced Partners V	53,737,500	59,297,897	85,161,723	0	10,680,846	1.62	8.2	2017
MHR Institutional Partners	75,000,000	84,222,509	27,929,951	10,535,519	96,210,857	1.47	7.3	
MHR Institutional Partners IV LP	75,000,000	84,222,509	27,929,951	10,535,519	96,210,857	1.47	7.3	2014
Nordic Capital	888,497,070	637,575,506	449,486,142	445,956,641	567,018,961	1.59	13.5	
Nordic Capital Fund VIII	176,167,580	229,828,532	304,113,399	19,210,104	66,130,899	1.61	12.4	2013
Nordic Capital IX Beta, L.P.	176,167,580	192,838,008	114,785,984	98,071,696	231,178,849	1.79	15.0	2017
Nordic Capital Fund X	158,550,822	133,804,652	27,153,665	43,567,145	173,600,243	1.50	14.2	2020
Nordic Capital Fund XI	114,796,071	81,104,314	3,433,094	22,292,679	96,108,969	1.23	19.5	2022
Nordic Capital Fund XII	164,256,595	0	0	164,256,595	0			2024
Nordic Evolution Fund II	111,572,801	0	0	111,572,801	0			2024

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Oak Hill Capital Management, Inc.	250,000,000	252,599,391	345,037,788	7,630,182	119,432,384	1.84	25.7	
Oak Hill Capital Partners IV Onshore LP	150,000,000	154,695,451	309,031,622	4,199,298	498,667	2.00	31.9	2016
Oak Hill Capital Partners V	100,000,000	97,903,941	36,006,166	3,430,884	118,933,717	1.58	13.0	2018
Oaktree Capital Management, LLC	400,000,000	293,754,707	174,975,737	192,514,589	224,556,217	1.36	8.7	
Oaktree Special Situations Fund, L.P.	100,000,000	103,277,566	40,279,144	7,741,294	54,389,986	0.92	-1.4	2014
Oaktree Special Situations Fund II, L.P.	100,000,000	99,169,757	100,058,399	42,579,241	80,841,161	1.82	25.8	2018
Oaktree Special Situations Fund III	200,000,000	91,307,384	34,638,194	142,194,054	89,325,070	1.36	24.7	2022
Paine & Partners, LLC	325,000,000	282,855,255	120,010,800	81,618,814	281,345,486	1.42	10.0	
Paine Schwartz Food Chain Fund IV	75,000,000	72,398,302	35,991,937	11,460,319	66,542,506	1.42	6.3	2014
Paine Schwartz Food Chain Fund V, L.P.	150,000,000	146,643,228	76,853,737	26,665,901	145,518,097	1.52	14.4	2018
Paine Schwartz Food Chain VI	100,000,000	63,813,725	7,165,126	43,492,594	69,284,883	1.20	9.9	2023
Permal PE	5,337,098	4,431,282	4,938,251	1,090,000	20,894	1.12	3.8	
Glouston Private Equity Opportunities IV	5,337,098	4,431,282	4,938,251	1,090,000	20,894	1.12	3.8	2014
Permira	901,820,046	570,696,997	658,220,990	377,798,598	458,625,273	1.96	17.2	
Permira V, L.P.	176,167,580	188,357,496	477,473,804	352,314	41,434,278	2.75	20.4	2013
Permira VI, L.P.	140,934,064	131,046,165	151,737,780	28,502,668	113,102,873	2.02	14.4	2016
Permira VII L.P.1	158,550,822	152,722,401	26,653,763	25,606,665	184,882,371	1.39	8.1	2019
Permira VIII	176,167,580	98,570,936	2,355,643	73,336,952	119,205,750	1.23	13.6	2022
Permira IX	250,000,000	0	0	250,000,000	0			2025
Public Pension Capital Management	375,000,000	257,303,397	250,538,194	154,322,696	250,266,091	1.95	22.3	
Public Pension Capital, LLC	375,000,000	257,303,397	250,538,194	154,322,696	250,266,091	1.95	22.3	2014
Revelar Capital	125,000,000	155,770,794	118,800,648	8,794,226	108,111,323	1.46	11.5	
Wellspring Capital Partners VI, L.P.	125,000,000	155,770,794	118,800,648	8,794,226	108,111,323	1.46	11.5	2016
Silver Lake Partners	335,000,000	354,239,973	548,416,654	29,762,784	249,818,316	2.25	18.1	
Silver Lake Partners III, L.P.	100,000,000	94,891,285	226,637,485	9,528,468	14,703,578	2.54	18.7	2007
Silver Lake Partners IV	100,000,000	118,787,796	218,248,663	2,665,701	110,509,056	2.77	20.6	2012
Silver Lake Partners V, L.P.	135,000,000	140,560,893	103,530,505	17,568,615	124,605,682	1.62	11.2	2017
Siris Capital Group	50,000,000	0	0	50,000,000	0			
Siris V	50,000,000	0	0	50,000,000	0			2022
Split Rock	110,000,000	107,890,906	130,490,654	2,109,094	14,382,364	1.34	4.2	
Split Rock Partners LP	50,000,000	47,890,906	58,794,192	2,109,094	3,649,916	1.30	3.2	2005
Split Rock Partners II, LP	60,000,000	60,000,000	71,696,462	0	10,732,447	1.37	5.5	2008
Stellex Capital Management	200,000,000	58,858,193	3,395,171	144,225,428	49,070,692	0.89	-17.1	
Stellex Capital Partners III	200,000,000	58,858,193	3,395,171	144,225,428	49,070,692	0.89	-17.1	2024
Stone Point Capital	100,000,000	0	0	100,000,000	0			
Trident Capital X US Fund	100,000,000	0	0	100,000,000	0			2025
Summit Partners	850,000,000	546,454,636	511,816,463	465,747,038	415,305,492	1.70	21.3	
Summit Partners Growth Equity Fund IX	100,000,000	136,729,278	186,835,435	32,610,000	87,766,467	2.01	22.7	2015
Summit Partners Growth Equity Fund VIII	100,000,000	117,223,049	262,116,353	12,774,672	11,281,534	2.33	25.3	2011
Summit Partners Growth Equity Fund X-A	150,000,000	147,741,636	59,961,389	62,219,753	162,634,310	1.51	12.0	2019
Summit Partners Growth Equity Fund XI	250,000,000	144,760,673	2,903,286	108,142,613	153,623,181	1.08	4.6	2021
Summit Partners Growth Equity XII	250,000,000	0	0	250,000,000	0			2024
TA Associates	80,000,000	19,200,000	0	60,800,000	17,457,235	0.91	-13.1	
TA XV	80,000,000	19,200,000	0	60,800,000	17,457,235	0.91	-13.1	2023

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Thoma Bravo LLC	625,000,000	555,991,812	392,050,599	197,919,340	517,590,041	1.64	14.9	
Thoma Bravo Fund XII, L.P.	75,000,000	81,836,011	137,496,540	18,452,144	40,523,166	2.18	14.9	2016
Thoma Bravo Fund XIII, L.P.	150,000,000	186,271,950	188,076,556	11,571,287	177,468,365	1.96	21.2	2018
Thoma Bravo Fund XIV	150,000,000	179,134,763	57,686,564	17,808,193	161,917,472	1.23	6.2	2020
Thoma Bravo Fund XV LP	100,000,000	94,628,497	8,790,939	14,208,307	123,560,446	1.40	14.2	2021
Thoma Bravo Fund XVI	150,000,000	14,120,591	0	135,879,409	14,120,591			2024
Thomas H. Lee Partners	550,000,000	366,757,024	314,701,106	213,804,576	260,620,931	1.57	18.6	
Thomas H. Lee Equity Fund VII, LP.	100,000,000	100,056,435	137,891,993	10,105,722	34,104,833	1.72	17.7	2015
Thomas H. Lee Equity Fund VIII, L.P.	150,000,000	152,331,888	174,616,597	18,067,555	98,877,049	1.80	25.8	2018
Thomas H. Lee Equity Fund IX	150,000,000	114,368,701	2,192,516	35,631,299	127,639,049	1.14	5.4	2021
Thomas H. Lee Equity Fund X	150,000,000	0	0	150,000,000	0			2024
TPG Capital	950,000,000	725,981,685	395,363,315	383,406,853	632,853,470	1.42	15.3	
TPG Growth V	150,000,000	163,092,233	67,325,352	41,277,601	159,356,744	1.39	12.2	2021
TPG Growth VI, L.P.	150,000,000	87,221,845	33,665,988	95,237,193	58,693,298	1.06	9.7	2023
TPG Partners VII, L.P.	100,000,000	101,712,491	186,237,400	6,412,722	17,355,514	2.00	18.8	2015
TPG Partners VIII	150,000,000	152,234,154	53,894,425	16,279,501	176,586,917	1.51	13.5	2018
TPG Partners IX, L.P.	100,000,000	88,379,764	13,153,254	24,733,679	94,661,022	1.22	18.9	2022
TPG Partners X	150,000,000	0	0	150,000,000	0			2025
TPG Tech Adjacencies II, L.P.	150,000,000	133,341,198	41,086,896	49,466,157	126,199,974	1.25	12.7	2021
Vance Street Capital Partners	85,000,000	41,322,786	0	43,677,214	41,968,083	1.02	2.0	
Vance Street Capital IV, L.P.	85,000,000	41,322,786	0	43,677,214	41,968,083	1.02	2.0	2024
Varde Fund	547,108,974	545,341,816	621,651,104	6,000,000	167,212,616	1.45	7.4	
Varde Fund X, LP	150,000,000	150,000,000	255,520,617	0	5,305,929	1.74	10.0	2010
Varde Fund XI, LP	200,000,000	200,000,000	242,004,789	0	23,992,925	1.33	4.4	2013
Varde Fund XIII, L.P.	150,000,000	144,000,000	119,892,856	6,000,000	82,759,564	1.41	8.9	2018
Varde Fund XIV	47,108,974	51,341,816	4,232,842	0	55,154,197	1.16	9.4	2022
Vestar Capital Partners	250,000,000	272,944,321	319,910,554	26,138,177	115,964,184	1.60	17.6	
Vestar Capital Partners VI, LP	100,000,000	110,555,277	224,769,847	357,259	9,925,488	2.12	23.1	2011
Vestar Capital Partners VII, L.P.	150,000,000	162,389,044	95,140,707	25,780,918	106,038,696	1.24	7.0	2017
Vista Equity Partners	200,000,000	201,319,076	24,699,291	24,515,895	276,780,153	1.50	10.5	
Vista Equity Partners Perennial	200,000,000	201,319,076	24,699,291	24,515,895	276,780,153	1.50	10.5	2020
Warburg Pincus	1,316,000,000	1,239,522,764	1,245,836,771	84,805,000	840,797,858	1.68	11.2	
Warburg Pincus China, L.P.	45,000,000	46,935,000	21,490,650	0	39,343,528	1.30	4.8	2016
Warburg Pincus China-Southeast Asia II	50,000,000	42,500,000	5,702,500	7,500,000	38,743,506	1.05	1.8	2019
Warburg Pincus Financial Sector	90,000,000	90,419,329	103,021,883	3,555,000	83,389,003	2.06	16.7	2017
Warburg Pincus Global Growth, L.P.	250,000,000	238,733,884	141,540,393	14,500,000	275,437,555	1.75	13.4	2018
Warburg Pincus Global Growth 14, L.P.	300,000,000	239,592,099	31,418,585	59,250,000	283,049,606	1.31	16.9	2022
Warburg Pincus Private Equity IX, L.P.	100,000,000	100,000,000	172,072,950	0	104,928	1.72	9.6	2005
Warburg Pincus Private Equity X, LP	150,000,000	150,000,000	267,384,491	0	761,297	1.79	9.5	2007
Warburg Pincus Private Equity XI, LP	200,000,000	200,342,452	312,422,421	0	38,787,001	1.75	11.5	2012
Warburg Pincus Private Equity XII, LP	131,000,000	131,000,000	190,782,898	0	81,181,433	2.08	15.3	2015

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Wayzata Investment Partners	150,000,000	68,415,000	72,163,281	0	618,020	1.06	1.2	
Wayzata Opportunities Fund III	150,000,000	68,415,000	72,163,281	0	618,020	1.06	1.2	2012
Welsh, Carson, Anderson & Stowe	650,000,000	583,338,146	627,045,815	98,352,717	408,599,268	1.78	16.5	
Welsh, Carson, Anderson & Stowe XI, L.P.	100,000,000	100,000,000	166,278,606	0	31,531	1.66	11.5	2008
Welsh, Carson, Anderson & Stowe XII, L.P.	150,000,000	150,000,000	298,980,537	0	71,026,636	2.47	23.9	2014
Welsh, Carson, Anderson & Stowe XIII, L.P.	250,000,000	251,092,075	158,618,678	27,430,794	252,478,396	1.64	17.8	2018
Welsh, Carson, Anderson & Stowe XIV	150,000,000	82,246,071	3,167,994	70,921,923	85,062,706	1.07	4.2	2022
Wind Point Partners	375,000,000	184,887,668	64,402,935	220,375,516	207,191,621	1.47	14.7	
Wind Point Partners IX	100,000,000	108,491,723	55,972,342	14,819,003	114,175,692	1.57	14.3	2019
Wind Point Partners X	100,000,000	76,395,945	8,430,593	30,556,513	93,015,929	1.33	16.1	2022
Wind Point Partners XI	175,000,000	0	0	175,000,000	0			2025
Windjammer Capital Investors	441,708,861	275,805,932	346,147,463	190,957,537	142,024,473	1.77	11.7	
Windjammer Capital Fund VI	175,000,000	21,833,154	0	153,166,846	16,368,468	0.75	-18.5	2023
Windjammer Mezzanine & Equity Fund II	66,708,861	55,215,684	86,029,064	10,139,363	72,701	1.56	9.0	2000
Windjammer Senior Equity Fund IV, L.P.	100,000,000	95,181,403	170,802,066	20,727,239	52,361,184	2.34	15.6	2012
Windjammer Senior Equity Fund V, L.P.	100,000,000	103,575,691	89,316,333	6,924,089	73,222,120	1.57	14.8	2017

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Private Credit	**4,534,081,333**	**3,847,223,240**	**3,333,054,401**	**1,359,280,241**	**1,816,577,145**	**1.34**	**9.7**	
Audax Group	350,000,000	293,403,309	266,093,823	83,004,027	99,434,477	1.25	9.8	
Audax Mezzanine Fund III, L.P.	100,000,000	106,981,872	138,738,744	0	1,818,444	1.31	9.6	2010
Audax Mezzanine Fund IV-A, L.P.	100,000,000	98,474,488	95,042,007	6,635,712	25,878,749	1.23	9.4	2015
Audax Mezzanine Fund V	150,000,000	87,946,950	32,313,071	76,368,314	71,737,284	1.18	11.9	2020
Avenue Capital Partners	200,000,000	200,977,328	328,234,837	0	39,533,065	1.83	10.2	
Avenue Energy Opportunities Fund, L.P.	100,000,000	100,977,328	150,304,590	0	12,329,005	1.61	7.0	2014
Avenue Energy Opportunities Fund II	100,000,000	100,000,000	177,930,247	0	27,204,060	2.05	14.9	2017
BlackRock	97,500,000	94,668,578	118,900,615	2,831,422	7,096,558	1.33	6.5	
BlackRock Middle Market Senior Fund	97,500,000	94,668,578	118,900,615	2,831,422	7,096,558	1.33	6.5	2018
Brookfield Asset Management Inc.	200,000,000	140,346,269	94,722,924	120,824,124	61,299,659	1.11	7.2	
Brookfield Real Estate Finance Fund VI	200,000,000	140,346,269	94,722,924	120,824,124	61,299,659	1.11	7.2	2021
Castlelake L.P.	100,000,000	22,177,321	2,642,562	79,222,183	23,844,706	1.19	27.8	
Castlelake Aviation V Stable Yield	100,000,000	22,177,321	2,642,562	79,222,183	23,844,706	1.19	27.8	2023
Energy Capital Partners	28,087,500	42,104,836	33,250,421	6,685,175	15,086,151	1.15	6.4	
Energy Capital Credit Solutions II-A	28,087,500	42,104,836	33,250,421	6,685,175	15,086,151	1.15	6.4	2018
HPS Investment Partners	200,000,000	184,728,076	88,397,962	53,061,904	157,691,593	1.33	11.0	
HPS Mezzanine Partners 2019, L.P.	100,000,000	108,208,836	74,097,384	17,249,017	76,694,598	1.39	10.4	2019
HPS Strategic Investment Partners V	100,000,000	76,519,240	14,300,578	35,812,887	80,996,995	1.25	13.0	2022
Kohlberg, Kravis, Roberts & Co.	274,000,000	384,861,771	414,796,067	80,601,499	49,424,525	1.21	9.2	
KKR Lending Partner II L.P.	75,000,000	87,059,946	88,739,268	8,802,924	955,792	1.03	1.4	2015
KKR Lending Partners III L.P.	199,000,000	297,801,825	326,056,799	71,798,575	48,468,733	1.26	12.4	2017
LBC Credit Partners	200,000,000	208,302,846	221,900,146	56,434,815	42,707,021	1.27	10.5	
LBC Credit Partners IV, L.P.	100,000,000	120,031,006	143,637,053	10,000,000	1,478,059	1.21	8.7	2016
LBC Credit Partners V, L.P.	100,000,000	88,271,840	78,263,093	46,434,815	41,228,962	1.35	13.5	2019
Marathon	200,000,000	181,022,008	84,498,491	25,000,000	165,542,385	1.38	10.3	
Marathon Secured Private Strategies Fund II	100,000,000	96,022,008	84,315,794	10,000,000	68,439,150	1.59	10.8	2019
Marathon Secured Private Strategies Fund III	100,000,000	85,000,000	182,698	15,000,000	97,103,235	1.14	8.0	2022
Merit Capital Partners	400,000,000	233,124,364	257,879,222	166,808,837	119,480,816	1.62	12.2	
Merit Mezzanine Fund V, LP	75,000,000	72,306,122	114,535,938	2,693,878	14,632,223	1.79	10.6	2009
Merit Mezzanine Fund VI	100,000,000	93,095,514	124,025,102	6,837,687	45,669,973	1.82	16.4	2016
Merit Mezzanine Fund VII	100,000,000	67,722,727	19,318,182	32,277,273	59,178,621	1.16	7.6	2020
Merit Mezzanine Fund VIII	125,000,000	0	0	125,000,000	0			2025
Oaktree Capital Management, LLC	650,000,000	538,469,859	297,306,973	125,100,000	417,064,961	1.33	8.4	
Oaktree Opportunities Fund X, L.P.	50,000,000	46,500,060	51,887,839	8,500,000	18,551,465	1.51	8.4	2015
Oaktree Opportunities Fund Xb, L.P.	100,000,000	75,005,568	48,068,772	25,000,000	80,254,359	1.71	11.1	2015
Oaktree Opportunities Fund XI	300,000,000	255,023,332	153,945,328	45,000,000	184,031,269	1.33	9.2	2020
Oaktree Real Estate Debt III	200,000,000	161,940,899	43,405,033	46,600,000	134,227,868	1.10	3.7	2020
Permira	69,923,833	24,513,578	919,259	44,601,148	26,986,715	1.14	30.8	
Permira Strategic Opportunities I	69,923,833	24,513,578	919,259	44,601,148	26,986,715	1.14	30.8	2024

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PIMCO BRAVO	5,000,000	4,501,479	5,714,432	0	296,818	1.34	6.0	
PIMCO Bravo Fund OnShore Feeder II	5,000,000	4,501,479	5,714,432	0	296,818	1.34	6.0	2014
Prudential Global Investment Mgmt	600,000,000	611,003,563	634,625,972	55,443,329	197,965,923	1.36	9.7	
Prudential Capital Partners II, L.P.	100,000,000	97,930,132	145,671,152	10,940,748	353,975	1.49	9.0	2005
Prudential Capital Partners III, L.P.	100,000,000	102,887,805	175,321,440	13,562,553	1,899,997	1.72	14.1	2009
Prudential Capital Partners IV	100,000,000	115,724,060	160,087,982	1,917,595	2,271,623	1.40	9.1	2012
Prudential Capital Partners V, L.P.	150,000,000	164,359,594	128,218,682	3,496,811	55,863,448	1.12	3.4	2016
PGIM Capital Partners VI, L.P.	150,000,000	130,101,972	25,326,715	25,525,622	137,576,880	1.25	12.3	2020
Summit Partners	95,000,000	100,222,879	138,347,246	3,818,718	1,173,569	1.39	9.0	
Summit Subordinated Debt Fund III, L.P.	45,000,000	44,088,494	62,804,226	2,250,000	774,101	1.44	8.6	2004
Summit Subordinated Debt Fund IV, L.P.	50,000,000	56,134,385	75,543,020	1,568,718	399,468	1.35	9.7	2008
TCW	189,570,000	174,519,135	174,440,002	62,555,892	45,129,498	1.26	7.1	
TCW Direct Lending LLC	89,570,000	83,599,652	91,740,590	14,899,409	12,031,678	1.24	6.7	2014
TCW Direct Lending VII	100,000,000	90,919,484	82,699,412	47,656,483	33,097,820	1.27	7.7	2018
Torchlight Investors	150,000,000	90,000,000	35,571,427	95,571,427	58,549,415	1.05	4.8	
Torchlight Debt Fund VIII	150,000,000	90,000,000	35,571,427	95,571,427	58,549,415	1.05	4.8	2023
TSSP	525,000,000	318,276,041	134,812,020	297,715,741	288,269,292	1.33	10.8	
TSSP Opportunities Partners IV (A), L.P.	50,000,000	40,649,871	30,149,446	5,634,771	30,161,724	1.48	10.1	2018
Sixth Street Opportunities Partners V	75,000,000	63,847,815	9,890,620	20,078,472	68,147,407	1.22	9.7	2021
Sixth Street Opportunities Partners VI	150,000,000	0	0	150,000,000	0			2025
Sixth Street TAO Partners (B), L.P.	50,000,000	63,654,920	36,873,177	26,617,022	51,199,333	1.38	9.5	2018
Sixth Street TAO Partners (D), L.P.	100,000,000	84,218,365	42,334,224	45,737,492	79,247,255	1.44	12.7	2018
Sixth Street TAO Partners (B) Vintage 2023	100,000,000	65,905,070	15,564,553	49,647,984	59,513,573	1.14	12.9	2023

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Real Assets	**4,247,571,518**	**3,903,554,195**	**3,102,942,096**	**755,139,148**	**1,936,819,613**	**1.29**	**5.4**	
BlackRock	198,500,000	205,585,210	114,377,644	13,278,941	63,041,644	0.86	-5.5	
BlackRock Global Renewable Power Fund II	98,500,000	114,176,526	108,732,823	107,929	3,650,204	0.98	-0.5	2017
BlackRock Global Renewable Power Infrastructure III	100,000,000	91,408,683	5,644,820	13,171,012	59,391,441	0.71	-12.1	2019
EIG Global Energy Partners	350,000,000	362,679,508	321,376,908	72,595,534	72,590,141	1.09	1.8	
EIG Energy Fund XV	150,000,000	161,570,371	167,091,905	22,871,323	2,170,095	1.05	1.1	2010
EIG Energy Fund XVI	200,000,000	201,109,137	154,285,003	49,724,211	70,420,046	1.12	2.3	2013
Encap Energy	300,000,000	323,529,861	437,429,385	3,869,640	73,199,697	1.58	8.9	
EnCap Energy Capital Fund VIII, L.P.	100,000,000	103,446,879	107,002,444	0	3,499,871	1.07	1.1	2010
Encap Energy Fund IX	100,000,000	113,775,404	154,191,652	0	21,652,997	1.55	10.8	2012
EnCap Energy Capital Fund X, L.P.	100,000,000	106,307,577	176,235,290	3,869,640	48,046,829	2.11	16.2	2015
Energy & Minerals Group	680,000,000	729,378,767	476,580,830	17,798,811	460,766,191	1.29	4.6	
NGP Midstream & Resources, L.P.	100,000,000	103,590,296	179,775,264	17,857	1,492,782	1.75	13.1	2007
The Energy & Minerals Group Fund II, L.P.	100,000,000	109,762,124	123,531,082	170,365	74,488,211	1.80	9.6	2011
The Energy & Minerals Group Fund III, L.P.	200,000,000	212,195,173	47,445,133	39,583	74,075,031	0.57	-6.5	2014
The Energy & Minerals Group Fund IV, LP	150,000,000	182,058,001	119,979,517	865,282	137,564,968	1.41	6.6	2015
The Energy & Minerals Group Fund V	112,500,000	102,918,428	3,658,916	12,613,927	148,782,302	1.48	7.6	2019
The Energy & Minerals Group Fund V Accordion, LP	17,500,000	18,854,745	2,190,918	4,091,797	24,362,898	1.41	6.8	2019
Energy Capital Partners	750,000,000	545,927,940	461,804,285	346,494,736	426,380,281	1.63	14.2	
Energy Capital Partners III, L.P.	200,000,000	244,670,695	339,462,336	30,959,867	83,080,471	1.73	13.2	2013
Energy Capital Partners IV-A, LP	150,000,000	169,186,410	102,473,450	27,504,614	181,070,296	1.68	15.2	2017
Energy Capital Partners V	150,000,000	132,070,835	19,868,499	38,030,255	162,229,514	1.38	23.4	2023
Energy Capital Partners VI	250,000,000	0	0	250,000,000	0			2025
Enervest Management Partners	100,000,000	100,708,626	118,813,107	4,215,936	40,101,286	1.58	9.0	
EnerVest Energy Institutional Fund XIV-A, L.P.	100,000,000	100,708,626	118,813,107	4,215,936	40,101,286	1.58	9.0	2015
EQT	100,000,000	47,492,344	5,824,749	59,173,257	42,348,601	1.01	2.0	
EQT Infrastructure VI	100,000,000	47,492,344	5,824,749	59,173,257	42,348,601	1.01	2.0	2024
First Reserve	350,000,000	404,975,363	228,830,938	11,058,656	75,774,945	0.75	-5.6	
First Reserve Fund XII, L.P.	150,000,000	165,617,044	85,739,029	0	2,864	0.52	-18.0	2008
First Reserve Fund XIII, L.P.	200,000,000	239,358,319	143,091,909	11,058,656	75,772,081	0.91	-2.1	2013
Kohlberg, Kravis, Roberts & Co.	449,850,000	293,354,436	123,825,829	179,986,702	259,626,509	1.31	10.2	
KKR Global Infrastructure Investors III	149,850,000	147,293,978	112,240,943	18,480,516	101,860,601	1.45	10.5	2018
KKR Global Infrastructure Investors IV	100,000,000	95,911,541	10,084,653	10,154,870	107,908,608	1.23	9.3	2021
KKR Global Infrastructure Investors V	200,000,000	50,148,917	1,500,233	151,351,316	49,857,301			2024
Merit Energy Partners	419,721,518	401,472,471	257,974,372	18,249,047	271,439,549	1.32	4.7	
Merit Energy Partners H	100,000,000	100,000,000	38,216,290	0	24,540,107	0.63	-5.6	2011
Merit Energy Partners I, L.P.	169,721,518	169,721,518	155,639,060	0	92,959,225	1.46	6.1	2014
Merit Energy Partners K, L.P.	150,000,000	131,750,953	64,119,022	18,249,047	153,940,217	1.66	19.6	2019
NGP	449,500,000	454,096,666	515,864,049	14,897,889	129,769,768	1.42	7.7	
NGP Natural Resources X, L.P.	150,000,000	149,826,920	141,833,081	173,080	8,561,095	1.00	0.1	2011
NGP Natural Resources XI, L.P.	150,000,000	158,541,291	221,099,117	4,736,941	33,924,911	1.61	9.9	2014
NGP Natural Resources XII, L.P.	149,500,000	145,728,455	152,931,851	9,987,868	87,283,762	1.65	14.5	2017
Sheridan	100,000,000	34,353,005	40,240,000	13,520,000	21,781,000	1.81	11.6	
Sheridan Production Partners III-B, L.P.	100,000,000	34,353,005	40,240,000	13,520,000	21,781,000	1.81	11.6	2014

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Private Markets Investments

Investments	Commitments	Contributions	Distributions	Remaining Commitment	Market Value	Investment Multiple	IRR	Vintage Year
Real Estate	**4,748,147,868**	**3,795,469,214**	**2,361,617,501**	**1,393,004,062**	**2,283,732,802**	**1.22**	**6.6**	
Angelo, Gordon & Co.	750,000,000	546,035,324	376,239,679	254,075,000	304,422,251	1.25	6.5	
AG Asia Realty Fund III, L.P.	50,000,000	47,587,261	47,125,000	6,196,250	8,274,047	1.16	5.3	2016
AG Asia Realty Fund IV, L.P.	100,000,000	88,596,321	82,500,000	27,047,500	34,955,383	1.33	9.7	2018
AG Asia Realty Fund V	100,000,000	43,634,025	2,000,000	55,920,000	47,149,555	1.13	9.7	2023
AG Europe Realty Fund II, L.P.	75,000,000	68,316,673	45,724,666	12,768,750	42,834,828	1.30	5.3	2018
AG Europe Realty Fund III	75,000,000	57,119,209	6,877,582	18,187,500	61,555,369	1.20	5.2	2020
AG Europe Realty Fund IV	100,000,000	12,572,877	0	86,500,000	12,510,504	1.00	-0.7	2024
AG Realty Fund IX	100,000,000	92,141,126	96,750,000	11,650,000	18,360,099	1.25	4.8	2014
AG Realty Fund X, L.P.	150,000,000	136,067,832	95,262,431	35,805,000	78,782,466	1.28	8.3	2018
Blackstone	1,224,500,000	1,102,415,218	990,726,033	328,459,305	615,232,559	1.46	11.1	
Blackstone Real Estate Partners Asia II	74,500,000	74,787,031	29,580,958	12,051,171	58,271,928	1.17	3.9	2017
Blackstone Real Estate Partners Asia III	100,000,000	51,659,791	1,847,121	55,131,852	49,113,894	0.99	-0.9	2021
Blackstone Real Estate Partners Europe Fund VII	100,000,000	36,260,142	679,498	67,327,524	40,126,244	1.13	14.6	2023
Blackstone Real Estate Partners V	100,000,000	104,231,092	209,183,155	417,405	114,962	2.01	10.8	2006
Blackstone Real Estate Partners VI, L.P.	100,000,000	109,582,860	220,304,818	736,180	33,728	2.01	13.1	2007
Blackstone Real Estate Partners VII, LP	100,000,000	116,511,686	187,212,748	6,738,415	10,154,033	1.69	14.1	2011
Blackstone Real Estate VIII.TE.1 L.P.	150,000,000	184,910,069	198,831,450	13,789,781	82,809,960	1.52	11.6	2015
Blackstone Real Estate Partners IX, L.P.	300,000,000	333,398,055	131,823,861	45,076,656	286,365,117	1.25	7.2	2018
Blackstone Real Estate Partners X	200,000,000	91,074,494	11,262,424	127,190,320	88,242,693	1.09	7.2	2022
Brookfield Asset Management Inc.	400,000,000	273,927,254	39,484,736	165,491,382	266,227,460	1.12	5.5	
Brookfield Strategic Real Estate Partners IV	300,000,000	256,902,411	39,484,736	82,516,226	249,392,937	1.12	5.6	2021
Brookfield Strategic Real Estate Partners V	100,000,000	17,024,843	0	82,975,157	16,834,522	0.99	-4.2	2023
Carlyle Group	450,000,000	349,995,628	163,970,473	200,110,711	251,995,550	1.19	11.4	
Carlyle Realty Partners VIII, L.P.	150,000,000	136,404,917	146,468,986	96,199,935	44,733,350	1.40	17.4	2017
Carlyle Realty Partners IX	300,000,000	213,590,711	17,501,487	103,910,776	207,262,200	1.05	3.5	2021
Harrison Street Asset Management	200,000,000	192,764,059	65,775,153	11,328,274	73,200,914	0.72	-9.4	
Rockwood Capital RE Partners X, L.P.	100,000,000	99,845,593	57,507,174	1,838,936	21,139,956	0.79	-6.5	2015
Rockwood Capital RE Partners XI	100,000,000	92,918,466	8,267,979	9,489,338	52,060,958	0.65	-12.1	2019
Kohlberg, Kravis, Roberts & Co.	125,000,000	133,359,620	19,682,925	15,573,404	122,773,535	1.07	2.7	
KKR Real Estate Partners Americas III	125,000,000	133,359,620	19,682,925	15,573,404	122,773,535	1.07	2.7	2021
Landmark Partners	249,500,000	156,901,820	79,250,244	116,752,231	110,580,313	1.21	8.1	
Landmark Real Estate Partners VIII, L.P.	149,500,000	121,814,526	77,077,725	49,667,006	73,824,252	1.24	7.9	2016
Landmark Real Estate Partners IX	100,000,000	35,087,294	2,172,519	67,085,225	36,756,061	1.11	11.9	2021
Lubert Adler	174,147,868	162,338,042	102,673,237	17,694,886	98,622,887	1.24	8.3	
Lubert-Adler Real Estate Fund VII-B, L.P.	74,147,868	67,585,213	92,696,426	7,414,787	10,563,537	1.53	14.1	2017
Lubert-Adler Recovery and Enhancement Capital Fund	100,000,000	94,752,829	9,976,811	10,280,099	88,059,351	1.03	1.2	2021

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Investments	Commitments	Contributions	Distributions	Remaining Commitment	Market Value	Investment Multiple	IRR	Vintage Year
Oaktree Capital Management, LLC	200,000,000	180,487,140	51,400,969	54,000,000	128,368,583	1.00	-0.2	
Oaktree Real Estate Opportunities Fund VIII	200,000,000	180,487,140	51,400,969	54,000,000	128,368,583	1.00	-0.2	2020
Rockpoint	200,000,000	202,956,155	88,480,679	22,022,811	122,404,080	1.04	1.0	
Rockpoint Real Estate Fund V, L.P.	100,000,000	104,279,536	59,758,266	14,217,829	33,639,965	0.90	-2.6	2014
Rockpoint Real Estate Fund VI, L.P.	100,000,000	98,676,619	28,722,413	7,804,982	88,764,116	1.19	5.3	2019
Silverpeak Real Estate Partners	225,000,000	144,288,955	109,575,204	7,496,058	2,583,145	0.78	-4.0	
Silverpeak Legacy Pension Partners II, L.P.	75,000,000	73,069,012	92,033,940	7,496,058	383,090	1.26	4.2	2005
Silverpeak Legacy Pension Partners III, L.P.	150,000,000	71,219,943	17,541,265	0	2,200,055	0.28	-12.1	2008
TA Associates Realty	550,000,000	350,000,000	274,358,169	200,000,000	187,321,525	1.32	9.6	
Realty Associates Fund XI	100,000,000	100,000,000	160,175,911	0	106,391	1.60	10.8	2015
Realty Associates Fund XII	100,000,000	100,000,000	93,246,934	0	45,029,722	1.38	8.5	2018
Realty Associates Fund XIII	150,000,000	150,000,000	20,935,324	0	142,185,411	1.09	7.1	2023
Realty Associates Fund XIV	200,000,000	0	0	200,000,000	0			2025
Total	**42,217,731,151**	**34,117,763,613**	**29,061,849,243**	**12,413,988,749**	**22,111,658,325**	**1.50**	**11.3**	
Difference **					*53,621,463*			
Private Markets Total with Difference					**22,165,279,788**			

Private Markets Portfolio Status	Managers	Funds
Private Equity	60	200
Private Credit	19	43
Real Assets	12	31
Real Estate	12	37
Total	**103**	**311**

Notes

None of the data presented herein has been reviewed or approved by either the general partner or investment manager. The performance and valuation data presented herein is not a guarantee or prediction of future results and may slightly differ from final fiscal year-end report. Ultimately, the actual performance and value of any investment is not known until final liquidation. Because there is no industry-standardized method for valuation or reporting comparisons of performance and valuation data among different investments is difficult.

Data presented in this report is made public pursuant to Minn. Stat. Chs. 13 and 13D, and Minn. Stat. § 11A.24, subd. 6(c). Additional information on private markets investments may be classified as non-public and not subject to disclosure.

*Partnership interests transferred to the MSBI during 1Q2015. All data presented as of the transfer date.

**Difference is from an in-kind stock distribution liquidating account, cash transactions posted to next day and distributions received in foreign currency during the month.

Other Retirement Funds and Tax-Advantaged Savings Plans

December 31, 2025

Important Notes:

All performance figures and market data presented are unaudited and preliminary. Performance history includes terminated managers and reflects the deduction of investment management expenses. Performance greater than one year is annualized. Past performance does not guarantee future results.

Performance of Investment Options

	Ending Market Value	Last Qtr	1 Year	3 Year	5 Year	10 Year	Option Since
Active Large-Cap Domestic Equity							
U.S. EQUITY ACTIVELY MANAGED FUND	**$108,248,811**	**2.6%**	**16.8%**	**22.5%**	**12.5%**	**14.6%**	**07/1986**
Russell 3000		2.4%	17.1%	22.2%	13.1%	14.3%	07/1986
Excess		0.2%	-0.4%	0.3%	-0.7%	0.3%	
VANGUARD DIVIDEND GROWTH FUND	**$1,018,025,691**	**3.0%**	**8.3%**	**8.5%**	**8.7%**		**10/2016**
VANGUARD DIVIDEND GROWTH INDEX		2.2%	14.2%	15.3%	11.3%		10/2016
Excess		0.8%	-5.9%	-6.8%	-2.7%		
Passive Large-Cap Domestic Equity							
U.S. EQUITY INDEX FUND	**$302,574,817**	**2.4%**	**17.2%**	**22.3%**	**13.3%**	**14.4%**	**07/1986**
Russell 3000		2.4%	17.1%	22.2%	13.1%	14.3%	07/1986
Excess		0.0%	0.0%	0.0%	0.1%	0.1%	
VANGUARD TOTAL STOCK MARKET INDEX FUND	**$1,326,006,533**	**2.4%**	**17.1%**	**22.3%**	**13.1%**		**07/2019**
CRSP US Total Market Index		2.4%	17.2%	22.2%	13.1%		07/2019
Excess		-0.0%	-0.0%	0.0%	0.0%		
VANGUARD INSTITUTIONAL INDEX FUND	**$2,559,759,963**	**2.6%**	**17.9%**	**23.0%**	**14.4%**	**14.8%**	**07/1999**
S&P 500		2.7%	17.9%	23.0%	14.4%	14.8%	07/1999
Excess		-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	
Passive Mid-Cap Domestic Equity							
VANGUARD MID-CAP INDEX FUND	**$895,848,341**	**-0.8%**	**11.7%**	**14.3%**	**8.6%**	**10.9%**	**01/2004**
CRSP US Mid Cap Index		-0.8%	11.7%	14.3%	8.6%	10.9%	01/2004
Excess		-0.0%	-0.0%	-0.0%	0.0%	-0.0%	
Active Small-Cap Domestic Equity							
T. ROWE PRICE SMALL-CAP FUND	**$905,314,206**	**1.3%**	**8.3%**	**12.5%**	**5.0%**	**11.0%**	**04/2000**
Russell 2000		2.2%	12.8%	13.7%	6.1%	9.6%	04/2000
Excess		-0.9%	-4.5%	-1.3%	-1.1%	1.4%	

Performance of Investment Options

	Ending Market Value	Last Qtr	1 Year	3 Year	5 Year	10 Year	Option Since
Active International Equity							
BROAD INTERNATIONAL EQUITY FUND	**$192,592,394**	**6.1%**	**31.1%**	**17.8%**	**9.0%**	**8.9%**	**09/1994**
International Equity Benchmark		5.1%	32.4%	17.3%	7.9%	8.4%	09/1994
Excess		1.0%	-1.3%	0.4%	1.1%	0.5%	
FIDELITY DIVERSIFIED INTERNATIONAL TRUST	**$416,753,550**	**4.6%**	**28.3%**	**17.3%**	**6.9%**	**8.5%**	**07/1999**
MSCI EAFE FREE (NET)		4.9%	31.2%	17.2%	8.9%	8.2%	07/1999
Excess		-0.2%	-2.9%	0.0%	-2.0%	0.3%	
Passive International Equity							
VANGUARD TOTAL INTERNATIONAL STOCK INDEX	**$582,649,456**	**4.5%**	**32.2%**	**17.1%**	**8.0%**	**8.6%**	**07/2011**
FTSE Global All Cap ex US Index Net		4.8%	31.7%	17.1%	7.9%	8.4%	07/2011
Excess		-0.3%	0.5%	0.1%	0.1%	0.2%	
Active Fixed Income							
BOND FUND	**$130,658,074**	**1.2%**	**8.1%**	**5.6%**	**0.0%**	**2.7%**	**07/1986**
Bloomberg U.S. Aggregate		1.1%	7.3%	4.7%	-0.4%	2.0%	07/1986
Excess		0.1%	0.8%	1.0%	0.4%	0.7%	
DODGE & COX CORE BOND ACCOUNT	**$319,486,521**	**1.5%**	**8.8%**	**6.2%**	**1.2%**	**3.4%**	**07/1999**
Bloomberg U.S. Aggregate		1.1%	7.3%	4.7%	-0.4%	2.0%	07/1999
Excess		0.4%	1.5%	1.6%	1.5%	1.4%	
Passive Fixed Income							
VANGUARD TOTAL BOND MARKET INDEX FUND	**$419,357,978**	**1.0%**	**7.2%**	**4.7%**	**-0.4%**	**2.0%**	**12/2003**
Bloomberg U.S. Aggregate		1.1%	7.3%	4.7%	-0.4%	2.0%	12/2003
Excess		-0.1%	-0.1%	0.0%	-0.0%	-0.0%	

International Equity Benchmark: Since 12/01/2020 equals the MSCI ACWI ex-US(Net). From 01/01/2018 to 01/01/2019 it was 75% MSCI World ex USA Index (net) and 25% MSCI Emerging Markets Index (net). From 06/01/2008 to 12/31/2018 the International Equity asset class target was the Standard (large + mid) MSCI ACWI ex U.S. (net). From 10/01/2007 through 05/31/2008 the benchmark was the Provisional Standard MSCI ACWI ex U.S. (net). From 10/01/2003 to 09/30/2007 the target was MSCI ACWI ex U.S. (net). From 01/01/2001 to 09/30/03, the target was MSCI EAFE Free (net) plus Emerging Markets Free (net), and from 07/01/1999 to 12/31/2000 the target was MSCI EAFE Free (net) plus Emerging Markets Free (gross). From 070/1/1999 to 09/30/2003, the weighting of each index fluctuated with market capitalization. From 10/1/2001 to 05/31/2002 all international benchmarks being reported were the MSCI Provisional indices. From 12/31/1996 to 06/30/1999 the benchmark was fixed at 87% EAFE Free (net)/13% Emerging Markets Free (gross). On 05/01/1996, the portfolio began transitioning from 100% EAFE Free (net) to the 12/31/1996 fixed weights. Prior to 05/01/1996 it was 100% the EAFE Free (net).

Performance of Investment Options

	Ending Market Value	Last Qtr	1 Year	3 Year	5 Year	10 Year	Option Since
Capital Preservation							
MONEY MARKET ACCOUNT	**$1,062,353,003**	**1.1%**	**4.5%**	**5.2%**	**3.5%**	**2.4%**	**07/1986**
ICE BofA US 3-Month Treasury Bill		1.0%	4.2%	4.8%	3.2%	2.2%	07/1986
Excess		0.1%	0.4%	0.4%	0.3%	0.2%	
STABLE VALUE ACCOUNT	**$1,433,929,008**	**0.9%**	**3.5%**	**3.2%**	**2.7%**	**2.5%**	**11/1994**
Fixed Interest Blended Benchmark		1.0%	4.3%	4.6%	3.6%	2.8%	11/1994
Excess		-0.1%	-0.8%	-1.3%	-0.9%	-0.2%	
Asset Allocation							
BALANCED FUND	**$136,906,021**	**1.9%**	**14.1%**	**15.7%**	**8.3%**	**9.9%**	**01/1980**
SIF BALANCED FUND BENCHMARK		1.9%	13.1%	15.1%	8.0%	9.5%	01/1980
Excess		0.1%	1.0%	0.6%	0.3%	0.4%	
VANGUARD BALANCED INDEX FUND	**$1,678,924,492**	**1.9%**	**13.6%**	**15.2%**	**7.8%**	**9.5%**	**12/2003**
Vanguard Balanced Fund Benchmark		1.9%	13.3%	15.0%	7.7%	9.5%	12/2003
Excess		-0.0%	0.3%	0.2%	0.1%	0.0%	
VOLUNTEER FIREFIGHTER ACCOUNT	**$324,653,802**	**2.4%**	**15.0%**	**13.3%**	**6.3%**	**7.9%**	**01/2010**
SIF Volunteer Firefighter Account BM		2.1%	14.2%	12.6%	5.8%	7.4%	01/2010
Excess		0.2%	0.8%	0.7%	0.4%	0.5%	

Fixed Interest Blended Benchmark: Since 6/1/2002, equals 3 Year Constant Maturity Treasury Yield + 45 bps. Prior to this change it was the 3 Year Constant Maturity Treasury Yield + 30 bps.
SIF Balanced Fund Benchmark: Weighted 60% Russell 3000, 35% Bloomberg U.S. Aggregate, 5% 3-month T-Bills.
SIF Volunteer Firefighter Account Benchmark: Weighted 35% Russell 3000, 15% MSCI ACWI ex USA (net), 45% Bloomberg U.S. Aggregate, 5% 3-month T-Bills.

Performance of Investment Options

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Active Large-Cap Domestic Equity					
U.S. EQUITY ACTIVELY MANAGED FUND	**16.8%**	**24.3%**	**26.8%**	**-20.7%**	**23.4%**
Russell 3000	17.1%	23.8%	26.0%	-19.2%	25.7%
Excess	-0.4%	0.5%	0.9%	-1.5%	-2.2%
VANGUARD DIVIDEND GROWTH FUND	**8.3%**	**9.0%**	**8.1%**	**-4.9%**	**24.8%**
VANGUARD DIVIDEND GROWTH INDEX	14.2%	17.1%	14.5%	-9.7%	23.7%
Excess	-5.9%	-8.0%	-6.4%	4.8%	1.1%
Passive Large-Cap Domestic Equity					
U.S. EQUITY INDEX FUND	**17.2%**	**23.8%**	**26.0%**	**-19.2%**	**26.2%**
Russell 3000	17.1%	23.8%	26.0%	-19.2%	25.7%
Excess	0.0%	0.0%	0.1%	0.0%	0.5%
VANGUARD TOTAL STOCK MARKET INDEX FUND	**17.1%**	**23.8%**	**26.0%**	**-19.5%**	**25.7%**
CRSP US Total Market Index	17.2%	23.8%	26.0%	-19.5%	25.7%
Excess	-0.0%	-0.0%	0.1%	-0.0%	0.0%
VANGUARD INSTITUTIONAL INDEX FUND	**17.9%**	**25.0%**	**26.3%**	**-18.1%**	**28.7%**
S&P 500	17.9%	25.0%	26.3%	-18.1%	28.7%
Excess	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
Passive Mid-Cap Domestic Equity					
VANGUARD MID-CAP INDEX FUND	**11.7%**	**15.2%**	**16.0%**	**-18.7%**	**24.5%**
CRSP US Mid Cap Index	11.7%	15.3%	16.0%	-18.7%	24.5%
Excess	-0.0%	-0.0%	0.0%	-0.0%	0.0%
Active Small-Cap Domestic Equity					
T. ROWE PRICE SMALL-CAP FUND	**8.3%**	**11.7%**	**17.6%**	**-23.3%**	**16.8%**
Russell 2000	12.8%	11.5%	16.9%	-20.4%	14.8%
Excess	-4.5%	0.2%	0.6%	-2.9%	2.0%

Performance of Investment Options

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Active International Equity					
BROAD INTERNATIONAL EQUITY FUND	**31.1%**	**7.8%**	**15.6%**	**-13.7%**	**9.0%**
International Equity Benchmark	32.4%	5.5%	15.6%	-16.0%	7.8%
Excess	-1.3%	2.2%	-0.1%	2.3%	1.2%
FIDELITY DIVERSIFIED INTERNATIONAL TRUST	**28.3%**	**6.8%**	**17.7%**	**-23.4%**	**13.1%**
MSCI EAFE FREE (NET)	31.2%	3.8%	18.2%	-14.5%	11.3%
Excess	-2.9%	3.0%	-0.5%	-8.9%	1.8%
Passive International Equity					
VANGUARD TOTAL INTERNATIONAL STOCK INDEX	**32.2%**	**5.2%**	**15.5%**	**-16.0%**	**8.7%**
FTSE Global All Cap ex US Index Net	31.7%	5.4%	15.6%	-16.2%	8.7%
Excess	0.5%	-0.2%	-0.0%	0.3%	-0.0%
Active Fixed Income					
BOND FUND	**8.1%**	**1.9%**	**7.0%**	**-14.1%**	**-1.1%**
Bloomberg U.S. Aggregate	7.3%	1.3%	5.5%	-13.0%	-1.5%
Excess	0.8%	0.6%	1.5%	-1.1%	0.5%
DODGE & COX CORE BOND ACCOUNT	**8.8%**	**2.3%**	**7.7%**	**-10.9%**	**-0.9%**
Bloomberg U.S. Aggregate	7.3%	1.3%	5.5%	-13.0%	-1.5%
Excess	1.5%	1.1%	2.2%	2.1%	0.6%
Passive Fixed Income					
VANGUARD TOTAL BOND MARKET INDEX FUND	**7.2%**	**1.3%**	**5.7%**	**-13.1%**	**-1.7%**
Bloomberg U.S. Aggregate	7.3%	1.3%	5.5%	-13.0%	-1.5%
Excess	-0.1%	0.0%	0.2%	-0.1%	-0.1%

International Equity Benchmark: Since 12/01/2020 equals the MSCI ACWI ex-US(Net). From 01/01/2018 to 01/01/2019 it was 75% MSCI World ex USA Index (net) and 25% MSCI Emerging Markets Index (net). From 06/01/2008 to 12/31/2018 the International Equity asset class target was the Standard (large + mid) MSCI ACWI ex U.S. (net). From 10/01/2007 through 05/31/2008 the benchmark was the Provisional Standard MSCI ACWI ex U.S. (net). From 10/01/2003 to 09/30/2007 the target was MSCI ACWI ex U.S. (net). From 01/01/2001 to 09/30/03, the target was MSCI EAFE Free (net) plus Emerging Markets Free (net), and from 07/01/1999 to 12/31/2000 the target was MSCI EAFE Free (net) plus Emerging Markets Free (gross). From 070/1/1999 to 09/30/2003, the weighting of each index fluctuated with market capitalization. From 10/1/2001 to 05/31/2002 all international benchmarks being reported were the MSCI Provisional indices. From 12/31/1996 to 06/30/1999 the benchmark was fixed at 87% EAFE Free (net)/13% Emerging Markets Free (gross). On 05/01/1996, the portfolio began transitioning from 100% EAFE Free (net) to the 12/31/1996 fixed weights. Prior to 05/01/1996 it was 100% the EAFE Free (net).

Performance of Investment Options

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Capital Preservation					
MONEY MARKET ACCOUNT	**4.5%**	**5.5%**	**5.4%**	**1.9%**	**0.1%**
ICE BofA US 3-Month Treasury Bill	4.2%	5.3%	5.0%	1.5%	0.0%
Excess	0.4%	0.3%	0.4%	0.4%	0.1%
STABLE VALUE ACCOUNT	**3.5%**	**3.3%**	**2.9%**	**2.1%**	**1.9%**
Fixed Interest Blended Benchmark	4.3%	4.7%	4.8%	3.5%	0.9%
Excess	-0.8%	-1.4%	-1.9%	-1.4%	1.0%
Asset Allocation					
BALANCED FUND	**14.1%**	**14.8%**	**18.1%**	**-16.5%**	**15.1%**
SIF BALANCED FUND BENCHMARK	13.1%	14.6%	17.5%	-15.8%	14.3%
Excess	1.0%	0.2%	0.6%	-0.7%	0.9%
VANGUARD BALANCED INDEX FUND	**13.6%**	**14.6%**	**17.6%**	**-16.9%**	**14.2%**
Vanguard Balanced Fund Benchmark	13.3%	14.4%	17.5%	-16.7%	14.2%
Excess	0.3%	0.2%	0.0%	-0.2%	-0.0%
VOLUNTEER FIREFIGHTER ACCOUNT	**15.0%**	**10.4%**	**14.7%**	**-15.2%**	**9.7%**
SIF Volunteer Firefighter Account BM	14.2%	9.7%	14.0%	-14.7%	9.0%
Excess	0.8%	0.7%	0.7%	-0.5%	0.7%

Fixed Interest Blended Benchmark: Since 6/1/2002, equals 3 Year Constant Maturity Treasury Yield + 45 bps. Prior to this change it was the 3 Year Constant Maturity Treasury Yield + 30 bps.
SIF Balanced Fund Benchmark: Weighted 60% Russell 3000, 35% Bloomberg U.S. Aggregate, 5% 3-month T-Bills.
SIF Volunteer Firefighter Account Benchmark: Weighted 35% Russell 3000, 15% MSCI ACWI ex USA (net), 45% Bloomberg U.S. Aggregate, 5% 3-month T-Bills.

Performance of Investment Options

	Ending Market Value	Last Qtr	1 Year	3 Year	5 Year	10 Year	Option Since
MN TARGET DATE RETIREMENT INCOME FUND	**$425,504,405**	**1.6%**	**11.6%**	**9.4%**	**4.7%**	**5.7%**	**07/2011**
INCOME FUND BENCHMARK		1.6%	11.6%	9.4%	4.7%	5.7%	07/2011
Excess		-0.0%	0.0%	0.0%	0.0%	0.0%	
2030 MN TARGET DATE RETIREMENT FUND	**$313,015,505**	**1.8%**	**13.6%**	**11.7%**	**5.7%**	**8.0%**	**07/2011**
2030 FUND BENCHMARK		1.8%	13.6%	11.7%	5.6%	7.9%	07/2011
Excess		-0.0%	0.1%	0.0%	0.0%	0.0%	
2035 MN TARGET DATE RETIREMENT FUND	**$308,047,800**	**2.1%**	**16.2%**	**13.9%**	**6.5%**	**8.9%**	**07/2011**
2035 FUND BENCHMARK		2.2%	16.1%	13.9%	6.5%	8.8%	07/2011
Excess		-0.1%	0.1%	0.0%	0.0%	0.0%	
2040 MN TARGET DATE RETIREMENT FUND	**$266,844,996**	**2.5%**	**18.1%**	**15.2%**	**7.1%**	**9.5%**	**07/2011**
2040 FUND BENCHMARK		2.5%	18.0%	15.2%	7.1%	9.4%	07/2011
Excess		-0.1%	0.1%	0.0%	0.0%	0.0%	
2045 MN TARGET DATE RETIREMENT FUND	**$261,421,357**	**2.6%**	**19.3%**	**16.2%**	**7.7%**	**10.0%**	**07/2011**
2045 FUND BENCHMARK		2.7%	19.2%	16.1%	7.7%	9.9%	07/2011
Excess		-0.0%	0.1%	0.1%	0.0%	0.0%	

Performance of Investment Options

	Ending Market Value	Last Qtr	1 Year	3 Year	5 Year	10 Year	Option Since
2050 MN TARGET DATE RETIREMENT FUND	**$240,834,208**	**2.7%**	**20.2%**	**16.9%**	**8.2%**	**10.4%**	**07/2011**
2050 FUND BENCHMARK		2.8%	20.1%	16.9%	8.1%	10.3%	07/2011
Excess		-0.0%	0.2%	0.1%	0.0%	0.0%	
2055 MN TARGET DATE RETIREMENT FUND	**$175,933,114**	**2.8%**	**21.0%**	**17.6%**	**8.6%**	**10.6%**	**07/2011**
2055 FUND BENCHMARK		2.9%	20.8%	17.6%	8.5%	10.6%	07/2011
Excess		-0.0%	0.2%	0.1%	0.1%	0.0%	
2060 MN TARGET DATE RETIREMENT FUND	**$129,832,841**	**2.9%**	**21.4%**	**17.8%**	**8.7%**	**10.7%**	**07/2011**
2060 FUND BENCHMARK		2.9%	21.2%	17.8%	8.6%	10.6%	07/2011
Excess		-0.0%	0.2%	0.1%	0.1%	0.0%	
2065 MN TARGET DATE RETIREMENT FUND	**$43,620,247**	**2.9%**	**21.4%**	**17.8%**	**8.7%**		**04/2020**
2065 FUND BENCHMARK		2.9%	21.2%	17.8%	8.6%		04/2020
Excess		-0.0%	0.2%	0.1%	0.1%		
2070 MN TARGET DATE RETIREMENT FUND	**$3,163,347**	**2.9%**					**07/2025**
2070 FUND BENCHMARK		2.9%					07/2025
Excess		-0.0%					

Note: Each SSIM Fund benchmark is the aggregate of the returns of the Fund's underlying index funds weighted by the Fund's asset allocation

Performance of Investment Options

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
MN TARGET DATE RETIREMENT INCOME FUND	**11.6%**	**6.9%**	**9.7%**	**-11.0%**	**8.0%**
INCOME FUND BENCHMARK	11.6%	6.9%	9.7%	-11.0%	8.1%
Excess	0.0%	0.0%	0.0%	-0.0%	-0.0%
2030 MN TARGET DATE RETIREMENT FUND	**13.6%**	**8.6%**	**12.9%**	**-14.9%**	**11.0%**
2030 FUND BENCHMARK	13.6%	8.6%	12.9%	-14.8%	11.0%
Excess	0.1%	0.0%	0.1%	-0.0%	0.0%
2035 MN TARGET DATE RETIREMENT FUND	**16.2%**	**10.0%**	**15.8%**	**-17.0%**	**11.5%**
2035 FUND BENCHMARK	16.1%	10.0%	15.7%	-17.0%	11.5%
Excess	0.1%	-0.0%	0.1%	-0.0%	0.0%
2040 MN TARGET DATE RETIREMENT FUND	**18.1%**	**10.7%**	**17.0%**	**-17.9%**	**12.4%**
2040 FUND BENCHMARK	18.0%	10.7%	16.9%	-17.9%	12.4%
Excess	0.1%	-0.0%	0.1%	-0.0%	-0.0%
2045 MN TARGET DATE RETIREMENT FUND	**19.3%**	**11.4%**	**17.9%**	**-18.4%**	**13.3%**
2045 FUND BENCHMARK	19.2%	11.5%	17.8%	-18.4%	13.3%
Excess	0.1%	-0.1%	0.1%	0.0%	0.0%

Performance of Investment Options

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
2050 MN TARGET DATE RETIREMENT FUND	**20.2%**	**12.0%**	**18.7%**	**-18.8%**	**14.1%**
2050 FUND BENCHMARK	20.1%	12.1%	18.6%	-18.8%	14.1%
Excess	0.2%	-0.1%	0.1%	0.0%	0.0%
2055 MN TARGET DATE RETIREMENT FUND	**21.0%**	**12.6%**	**19.5%**	**-19.1%**	**14.6%**
2055 FUND BENCHMARK	20.8%	12.7%	19.4%	-19.1%	14.6%
Excess	0.2%	-0.1%	0.1%	0.0%	0.0%
2060 MN TARGET DATE RETIREMENT FUND	**21.4%**	**12.8%**	**19.5%**	**-19.1%**	**14.6%**
2060 FUND BENCHMARK	21.2%	12.8%	19.4%	-19.1%	14.6%
Excess	0.2%	-0.1%	0.1%	0.0%	0.0%
2065 MN TARGET DATE RETIREMENT FUND	**21.4%**	**12.8%**	**19.5%**	**-19.1%**	**14.6%**
2065 FUND BENCHMARK	21.2%	12.8%	19.4%	-19.1%	14.6%
Excess	0.2%	-0.1%	0.1%	0.0%	0.0%
2070 MN TARGET DATE RETIREMENT FUND					
2070 FUND BENCHMARK					
Excess					

Note: Each SSIM Fund benchmark is the aggregate of the returns of the Fund's underlying index funds weighted by the Fund's asset allocation

Descriptions of Investment Options

Large-Cap Domestic Equity

U.S. Equity Actively Managed Fund	The fund invests alongside the Combined Funds by investing in the same asset class pools as the Domestic Equity Program. The actively managed strategies include investment managers benchmarked to various Russell styles, including large-cap growth and value, small-cap growth and value, and all-cap growth. The fund also invests in semi-passive investment managers benchmarked to a large-cap core style. **Vehicle:** Supplemental Investment Fund (SIF) investment pool managed by the SBI.
Vanguard Dividend Growth Fund	An actively managed fund of dividend paying large cap stocks, which is expected to outperform the S&P U.S. Dividend Growers Index, over time. The fund focuses on high-quality companies that have a history of paying a stable dividend, or increasing the dividend, over time. **Vehicle**: Investor share class Mutual Fund, VDIGX, managed by Wellington Capital.
U.S. Equity Index Fund	The fund invests in a passively managed Russell 3000 Index, which is a capitalization-weighted stock market index of the entire U.S. stock market. **Vehicle:** Supplemental Investment Fund (SIF) investment pool managed by the SBI.
Vanguard Total Stock Market Index Fund	A passive domestic stock fund that tracks the CRSP US Total Market Index, which is a market-capitalization index comprised of the entire U.S. stock market. **Vehicle:** Institutional share class Mutual Fund, VSMPX, managed by Vanguard.
Vanguard Institutional Index Fund	The fund invests in a passively managed S&P 500 strategy, which is a stock market index tracking the stock performance of 500 of the largest companies listed on stock exchanges in the U.S. stock market. **Vehicle:** Institutional share class Mutual Fund, VIIIX, managed by Vanguard.

Mid-Cap Domestic Equity

Vanguard Mid-Cap Index Fund	A passive domestic stock fund that tracks the CRSP U.S. Mid-Cap Index, which measures the investment return of U.S. mid-market capitalization stocks. **Vehicle:** Institutional share class Mutual Fund, VMCPX, managed by Vanguard.

Small-Cap Domestic Equity

T. Rowe Price Small Cap Stock Fund	An actively managed fund that primarily invests in companies with small-market capitalization and is expected to outperform the Russell 2000 Index. The diversified portfolio will invest opportunistically across both growth and value stocks, while maintaining close sector allocations to the benchmark. **Vehicle:** Institutional share class Mutual Fund, TRSSX, managed by T. Rowe Price.

Descriptions of Investment Options

International Equity

Broad International Equity Fund

The Fund invests alongside the Combined Funds by investing in the same asset class pools as the Combined Funds' International Equity Program. Active managers use a variety of investment styles and approaches as they seek to outperform the market. The Program's passive manager seeks to approximate the returns of the international markets in developed and emerging markets at a low cost. The Program's currency overlay program manager seeks to actively manage the portfolio's currency risk and provide a hedge against a decline in the value of the Fund's equity investments caused by currency fluctuations.
Vehicle: Supplemental Investment Fund (SIF) investment pool managed by the SBI.

Fidelity Diversified International Trust

An actively managed fund that invests in foreign market stocks and seeks to outperform the MSCI EAFE Index. The portfolio's universe includes non-U.S. common stocks with market capitalization consistent with the MSCI EAFE Index, though the portfolio's investable universe extends beyond the EAFE Index to include emerging market, Canadian, US, and other international stocks seeking to identify companies with superior growth prospects trading at attractive valuations.
Vehicle: Commingled Investment Trust (CIT) managed by Fidelity.

Vanguard Total International Stock Index Fund

A passive domestic stock fund that tracks the FTSE Global All Cap ex U.S. Index, which measures the investment return of stocks issued by companies located in developed and emerging countries, excluding the U.S.
Vehicle: Institutional share class Mutual Fund, VTPSX, managed by Vanguard.

Fixed Income

Bond Fund

The Fund invests alongside the Combined Funds Core/Core Plus Bond segment. Investment managers in the core bond strategy invest in high-quality fixed income securities across all investment-grade sectors of the market. Managers in the core plus bond strategy invest in high-quality fixed income securities and are also allowed expanded flexibility to invest in high-yield corporate bonds, international securities, and bonds issued by emerging market sovereign and corporate issuers.
Vehicle: Supplemental Investment Fund (SIF) investment pool managed by the SBI.

Descriptions of Investment Options

Fixed Income Cont'd:

Dodge & Cox Core Bond Account	An actively managed account that invests primarily in investment-grade securities in the U.S. bond market, which is expected to outperform the Bloomberg U.S. Aggregate Index over time. The strategy opportunistically pursues areas the benchmark may not cover, such as below investment-grade debt, debt of non-U.S. issuers, and other structured products. **Vehicle:** Supplemental Investment Fund separately managed account invested by Dodge & Cox.
Vanguard Total Bond Market Index Fund	A passive bond fund that tracks the Bloomberg U.S. Aggregate Bond Index, which measures the investment grade, US dollar denominated, fixed-rate taxable bond market. **Vehicle:** Institutional share class Mutual Fund, VBMPX, managed by Vanguard.

Capital Preservation

Money Market Account	The Account seeks to provide safety of principal, a high level of liquidity and a competitive yield. The Account's return is based on the interest income produced by the Account's investments. The Account performance is measured against the ICE BofA 3-Month Treasury Bill Index. **Vehicle:** Commingled pool of assets managed by State Street Investment Management, SSIM.
Stable Value Account	The Account seeks to preserve principal, maintain adequate liquidity to meet withdrawals, and generate a level of income consistent with a short- to intermediate-duration, high-quality fixed-income portfolio. **Vehicle:** Supplemental Investment Fund (SIF) separately managed account invested by Galliard Global Asset Management.

Descriptions of Investment Options

Asset Allocation Funds

Balanced Fund

The Fund's long-term asset allocation is 60% in domestic equities, 35% in fixed income, and 5% in cash. The domestic equity allocation invests in the U.S. Equity Index Fund, the fixed income allocation invests in the Bond Fund, and the cash allocation invests in the Money Market Account.
Vehicle: Supplemental Investment Fund (SIF) investment pools managed by the SBI.

Vanguard Balanced Index Fund

A passive allocation fund that invests in a mix of domestic stocks and bonds. The fund is expected to track a weighted benchmark of 60% CRSP U.S. Total Market Index and 40% Bloomberg U.S. Aggregate Bond Index.
Vehicle: Institutional share class Mutual Fund, VBAIX, managed by Vanguard.

Volunteer Firefighter Account

The Account's long-term asset allocation is 35% in domestic equities, 15% international equities, 55% in fixed income, and 5% in cash. The domestic equity allocation invests in the U.S. Equity Index Fund, the international equity allocation invests in the Broad International Equity Fund, the fixed income allocation invests in the Bond Fund and the Cash segment invests in the Money Market Account.
Vehicle: Supplemental Investment Fund investment pool managed by the SBI.

Minnesota Target Retirement Funds

The Minnesota Target Retirement Fund portfolios offer a diversified mix of stock and fixed income investments based on a targeted retirement date. Each target date fund gradually becomes more conservative, a lower equity allocation and higher fixed income allocation, as the fund nears the retirement date.
Vehicle: Commingled Investment Trust (CIT) managed by State Street Investment Management, SSIM

Eligible Investment Options Available by Plan

Eligible Investment Options Available By Plan

Investment Plan	U.S. Equity							International (Int'l) Equity			Fixed Income			Capital Preservation		Asset Allocation			
	U.S. Equity Actively Managed Fund[1]	Vanguard Dividend Growth Fund[2]	U.S. Equity Index Fund[1]	Vanguard Total Stock Market Inst Index Fund[2]	Vanguard Index Inst Plus Fund[2]	Vanguard Mid-Cap Index Fund[2]	T. Rowe Price Small Cap Fund[2]	Broad Int'l Equity Fund[1]	Fidelity Int'l Equity CIT[2]	Vanguard Total Int'l Stock Index Fund[2]	Bond Fund[1]	Dodge & Cox Core Bond Account[2]	Vanguard Total Bond Market Index Fund[2]	Money Market Account[2]	Stable Value Account[2]	Balanced Fund[1]	Vanguard Balanced Index Fund[2]	Volunteer Firefighter Account[1]	Target Retirement Fund[2]
Other Public Retirement Funds																			
Individual Public Retirement Funds[3]	X		X					X			X			X		X			
PERA Defined Contribution Plan	X		X					X			X			X	X	X			
Statewide Volunteer Firefighter Retirement Plan																		X	
Unclassified Retirement Plan		X		X		X	X			X		X	X	X	X		X		X
Volunteer Fire Relief Associations	X		X					X			X			X		X			
Tax-Advantaged Savings Plans																			
Health Care Savings Plan		X		X		X	X			X		X	X	X	X		X		
Hennepin County Supplemental Retirement Plan		X		X		X	X			X		X	X	X			X		
Minnesota Deferred Compensation Plan		X		X	X	X	X		X	X		X	X	X	X		X		X

Footnotes:

[1]Asset Class Investment Pool managed by the SBI.

[2]Single Manager Investment Option

[3]Represents assets of any public retirement plan or fund authorized by statute to invest in the Asset Class Investment Pools managed by the SBI.

Investment options are available to all plans depending on the regulations, rules, statutes, and operational limitations specific to each plan. Investment vehicle type will vary.

State-Sponsored Savings Plans

December 31, 2025

Important Notes:

All performance figures and market data presented are unaudited and preliminary. Performance history includes terminated managers and reflects the deduction of investment management fees, program management expenses, and state administrative fees. Performance greater than one year is annualized. Past performance does not guarantee future results.

Minnesota College Savings Plan

The Minnesota College Savings Plan is a tax-advantaged educational savings plan designed to help families save for future higher education expenses. The SBI oversees the investment options, and the Minnesota Office of Higher Education (OHE) is responsible for the overall administration of the Plan. The SBI and OHE have contracted jointly with TIAA-CREF Tuition Financing, Inc. (TFI) to provide administrative, marketing, communication, recordkeeping, and investment management services. Performance information is as reported by TFI. Descriptions of the available investment options and underlying investment funds follow the performance information.

MINNESOTA COLLEGE SAVINGS PLAN **Total = $2,368 Million**

Performance Statistics for the Period Ending: December 31, 2025

Fund Name	Ending Market Value	3 Months	1 Year	Annualized 3 Years	Annualized 5 Years	Annualized 10 Years	Annualized Since Inception	Inception Date
2042/2043 Enrollment Option	**$8,274,960**	**2.10%**					**11.60%**	**5/16/2025**
2042/2043 Custom Benchmark		2.33%					12.23%	
2040/2041 Enrollment Option	**$60,258,740**	**2.01%**	**16.68%**				**15.72%**	**5/12/2023**
2040-2041 Custom Benchmark		2.30%	16.88%				16.26%	
2038/2039 Enrollment Option	**$81,966,285**	**2.02%**	**16.20%**	**15.66%**			**7.04%**	**6/11/2021**
2038-2039 Custom Benchmark		2.24%	16.37%	15.98%			7.22%	
2036/2037 Enrollment Option	**$151,994,964**	**2.00%**	**15.88%**	**15.17%**	**8.31%**		**9.78%**	**10/28/2019**
2036-2037 Custom Benchmark		2.18%	15.88%	15.43%	8.51%		9.81%	
2034/2035 Enrollment Option	**$119,749,836**	**1.88%**	**14.95%**	**14.42%**	**7.82%**		**9.27%**	**10/28/2019**
2034-2035 Custom Benchmark		2.07%	15.00%	14.67%	8.01%		9.30%	
2032/2033 Enrollment Option	**$121,804,850**	**1.71%**	**13.46%**	**13.14%**	**7.00%**		**8.55%**	**10/28/2019**
2032-2033 Custom Benchmark		1.89%	13.48%	13.41%	7.22%		8.59%	
2030/2031 Enrollment Option	**$130,671,923**	**1.62%**	**12.05%**	**11.57%**	**6.03%**		**7.59%**	**10/28/2019**
2030-2031 Custom Benchmark		1.73%	12.12%	11.94%	6.31%		7.69%	
2028/2029 Enrollment Option	**$152,719,953**	**1.38%**	**10.25%**	**9.88%**	**5.00%**		**6.48%**	**10/28/2019**
2028-2029 Custom Benchmark		1.54%	10.46%	10.38%	5.33%		6.60%	
2026/2027 Enrollment Option	**$175,114,863**	**1.18%**	**7.85%**	**7.89%**	**3.80%**		**5.27%**	**10/28/2019**
2026-2027 Custom Benchmark		1.31%	8.36%	8.70%	4.32%		5.56%	
In School Option	**$337,640,818**	**1.05%**	**6.73%**	**5.73%**	**3.04%**		**3.72%**	**10/28/2019**
In School Custom Benchmark		1.22%	7.44%	7.14%	3.71%		4.01%	

MINNESOTA COLLEGE SAVINGS PLAN
Performance Statistics for the Period Ending: December 31, 2025

Fund Name	Ending Market Value	3 Months	1 Year	Annualized 3 Years	Annualized 5 Years	Annualized 10 Years	Annualized Since Inception	Inception Date
U.S. and International Equity Option	**$316,195,949**	**2.34%**	**19.30%**	**18.96%**	**10.85%**	**11.64%**	**8.36%**	**10/ 1/2001**
BB: U.S. and International Equity Option		2.64%	19.55%	19.33%	11.14%	11.70%	9.00%	
Moderate Allocation Option	**$135,071,902**	**1.77%**	**14.35%**	**13.32%**	**6.84%**	**8.16%**	**6.35%**	**8/ 2/2007**
BB: Moderate Allocation Option		1.97%	14.57%	13.64%	7.09%	8.26%	6.82%	
100% Fixed-Income Option	**$21,572,677**	**0.93%**	**7.08%**	**5.15%**	**0.75%**	**2.53%**	**3.06%**	**8/16/2007**
BB: 100% Fixed-Income Option		0.96%	7.13%	5.31%	0.91%	2.77%	3.54%	
International Equity Index Option	**$17,145,736**	**3.73%**	**30.17%**	**16.73%**	**8.12%**	**8.27%**	**6.69%**	**6/18/2013**
BB: International Equity Index Option		4.85%	31.79%	17.15%	8.06%	8.32%	6.82%	
Money Market Option	**$44,952,945**	**0.97%**	**4.07%**	**4.73%**	**3.10%**	**2.01%**	**1.24%**	**11/ 1/2007**
BB: Money Market Option		0.92%	3.95%	4.54%	2.98%	1.88%	1.17%	
Principal Plus Interest Option	**$77,624,414**	**0.74%**	**3.02%**	**2.68%**	**2.14%**	**1.93%**	**2.39%**	**10/10/2001**
Citigroup 3-Month U.S. Treasury Bill		1.02%	4.40%	5.03%	3.31%	2.23%	1.72%	
Aggressive Allocation Option	**$151,469,242**	**2.06%**	**16.82%**	**16.14%**	**8.87%**	**9.93%**	**8.87%**	**8/12/2014**
BB: Aggressive Allocation Option		2.30%	17.03%	16.46%	9.12%	10.00%	8.91%	
Conservative Allocation Option	**$23,574,218**	**1.33%**	**9.77%**	**8.60%**	**4.21%**	**5.23%**	**4.64%**	**8/18/2014**
BB: Conservative Allocation Option		1.45%	10.08%	9.39%	4.67%	5.45%	4.86%	
U.S. Large Cap Equity Option	**$233,502,229**	**2.61%**	**17.73%**	**22.83%**	**14.26%**	**14.63%**	**13.55%**	**8/12/2014**
BB: U.S. Large Cap Equity Option		2.66%	17.88%	23.01%	14.42%	14.82%	13.68%	
Large Cap Responsible Equity Option	**$6,006,617**	**2.01%**	**16.49%**	**18.98%**			**9.73%**	**6/11/2021**
BB: Social Choice Equity Option		2.66%	17.88%	22.70%			11.58%	
Matching Grant	**$865,449**	**0.74%**	**3.02%**	**2.68%**	**2.14%**	**1.93%**	**2.39%**	**3/22/2002**
Citigroup 3-Month U.S. Treasury Bill		1.02%	4.40%	5.03%	3.31%	2.23%	1.72%	

Minnesota College Savings Plan Descriptions of Investment Options

Enrollment Year Investment Options:	The Enrollment-Based Managed Allocation options are a set of single fund options representing the year the beneficiary will enter higher education. The asset allocation adjusts automatically to a more conservative investment objective and level of risk as the enrollment year approaches.
Risk-Based Investment Options:	The Risk-Based Allocation options provide a fixed level of risk and do not change as the beneficiary ages. There are three separate Risk-Based Allocation options: Aggressive, Moderate, and Conservative.

Static Investment Options:	
U.S. Large Cap Equity Option	Seeks to provide a favorable long-term total return mainly from capital appreciation. All assets of this options are invested in an underlying S&P 500 Index fund.
Large Cap Responsible Equity Option	Seeks to provide a favorable long-term total return mainly from capital appreciation. The underlying fund's evaluation process favors companies with leadership in ESG performance relative to their peers.
International Equity Index Option	Seeks to provide a favorable long-term total return, mainly from capital appreciation. Approximately 80% of the underlying fund is allocated to equity securities of issuers located in developed markets and 20% is allocated to equity securities of issuers located in emerging markets.
U.S. and International Equity Option	Seeks to provide a favorable long-term total return, mainly from capital appreciation, by allocating primarily to a blend of equity and real estate-related securities. Approximately 60% of the underlying fund is allocated to U.S. equities, 24% to international developed markets equities, 6% to emerging markets equities, and 10% to real estate-related securities.

Minnesota College Savings Plan Descriptions of Investment Options

Static Investment Options Cont'd:	
100% Fixed Income Option	Seeks to provide preservation of capital along with a moderate rate of return through a diversified mix of fixed income investments. Approximately 70% of the underlying fund is allocated to public, investment-grade, taxable fixed income securities denominated in U.S. dollars, 20% to inflation-linked bonds, and 10% to high-yield bonds.
Money Market Option	Seeks to provide current income consistent with preserving capital. The underlying fund mainly invests in cash, U.S. government securities, and repurchase agreements that are collateralized fully by cash or U.S. government securities.
Principal Plus Interest Option	Seeks to preserve capital and provide a stable return. The assets in this investment option are allocated to a funding agreement issued by TIAA-CREF Life. The funding agreement provides for safety of principal and a minimum guaranteed rate of return declared in advance for a period of up to 12 months.

Minnesota College Savings Plan Descriptions of Underlying Investment Funds

Underlying Investment Funds:

Nuveen Equity Index Fund (TIEIX)	A passive domestic all-cap stock fund that tracks the Russell 3000 Index.
Nuveen S&P 500 Index Fund (TISPX)	A passive domestic stock fund that tracks the S&P 500 Index.
Nuveen Large Cap Responsible Equity Fund (TISCX)	An active domestic stock fund that attempts to achieve the return of the U.S. equity market as represented by its benchmark, the S&P 500 Index, while investing in companies whose activities are consistent with the Fund's ESG criteria.
Nuveen International Equity Index Fund (TCIEX)	A passive international fund that tracks the MSCI EAFE Index.
Vanguard Emerging Markets Stock Index Fund (VEMIX)	A passive emerging markets fund that tracks the Vanguard Spliced Emerging Markets Index.
DFA Real Estate Securities Fund (DFREX)	An active fund investing in a diversified portfolio of domestic Real Estate Investment Trusts (REITs).
Vanguard Total Bond Market Index Fund (VBMPX)	A passive domestic bond fund that provides broad exposure to investment-grade bonds and tracks the Bloomberg U.S. Aggregate Float Adjusted Index.
Vanguard Short-Term Inflation Protected Securities Index Fund (VTSPX)	A passive inflation-protected bond fund that tracks the Bloomberg U.S. 0-5 Year TIPS Index.
Vanguard High-Yield Corporate Fund (VWEAX)	An active fund that invests in a diversified portfolio of higher-risk corporate bonds with medium- and lower-range credit quality ratings.
Nuveen Money Market Fund (TCIXX)	An active fund that invests in high-quality, short-term money market instruments such as cash, U.S. government securities, and repurchase agreements that are collateralized fully by cash or U.S. government securities.
TIAA-CREF Life Funding Agreement	A passive investment option issued by TIAA-CREF Life that provides a minimum guaranteed rate of return.

Minnesota Achieving a Better Life Experience (ABLE) Plan

The Minnesota Achieving a Better Life Experience (ABLE) Plan is a tax-advantaged savings plan designed to help families save for qualified disability expenses without losing eligibility for certain assistance programs. The SBI is responsible for the investments and the Minnesota Department of Human Services (DHS) is responsible for the overall administration of the Plan. Minnesota is part of the National ABLE Alliance, which is a consortium of nineteen states and territories in order to gain efficiencies of scale as part of the contract with Ascensus. Ascensus provides administrative, recordkeeping, and investment management services. Performance information is as reported by Ascensus. Descriptions of the available investment options and underlying investment funds follow the performance information.

MINNESOTABLEplan
A member of The National ABLE Alliance

Performance as of
12/31/25

Total Market Value: **$70,418,554**

Fund Name	Market Value	% of Plan	1 Month	3 Months	YTD	1 Year	3 Year	5 Year	10 Year	Inception	Inception Date
Aggressive Option	**$6,545,068**	**9.29%**	0.59	2.49	19.12	19.12	17.26	8.79		10.09	12/15/16
ABLE Aggressive Custom Benchmark			0.72	2.66	19.31	19.31	17.56	9.03		10.47	
Variance			*(0.13)*	*(0.17)*	*(0.19)*	*(0.19)*	*(0.30)*	*(0.24)*		*(0.38)*	
Moderately Aggressive Option	**$6,941,643**	**9.86%**	**0.47**	**2.23**	**16.96**	**16.96**	**15.10**	**7.57**		**8.88**	**12/15/16**
ABLE Moderately Aggressive Custom Benchmark			0.58	2.33	17.03	17.03	15.40	7.81		9.23	
Variance			*(0.11)*	*(0.10)*	*(0.07)*	*(0.07)*	*(0.30)*	*(0.24)*		*(0.35)*	
Growth Option	**$9,167,725**	**13.02%**	**0.41**	**1.99**	**15.01**	**15.01**	**13.02**	**6.37**		**7.64**	**12/15/16**
ABLE Growth Custom Benchmark			0.49	2.06	14.88	14.88	13.29	6.59		7.97	
Variance			*(0.08)*	*(0.07)*	*0.13*	*0.13*	*(0.27)*	*(0.22)*		*(0.33)*	
Moderate Option	**$8,456,342**	**12.01%**	**0.23**	**1.69**	**12.85**	**12.85**	**10.92**	**5.13**		**6.37**	**12/15/16**
ABLE Moderate Custom Benchmark			0.37	1.73	12.61	12.61	11.16	5.33		6.66	
Variance			*(0.14)*	*(0.04)*	*0.24*	*0.24*	*(0.24)*	*(0.20)*		*(0.29)*	
Moderately Conservative Option	**$7,037,882**	**9.99%**	**0.19**	**1.43**	**9.89**	**9.89**	**8.71**	**4.29**		**5.01**	**12/15/16**
ABLE Moderately Conservative Custom Benchmark			0.31	1.45	9.82	9.82	9.09	4.55		5.31	
Variance			*(0.12)*	*(0.02)*	*0.07*	*0.07*	*(0.38)*	*(0.26)*		*(0.30)*	
Conservative Option	**$11,828,309**	**16.80%**	**0.23**	**1.07**	**6.36**	**6.36**	**5.81**	**3.10**		**3.13**	**12/15/16**
ABLE Conservative Custom Benchmark			0.27	1.12	6.34	6.34	6.35	3.46		3.42	
Variance			*(0.04)*	*(0.05)*	*0.02*	*0.02*	*(0.54)*	*(0.36)*		*(0.29)*	
Money Market Option	**$1,359,681**	**1.93%**	**0.39**	**0.97**	**3.99**	**3.99**				**4.00**	**12/13/24**
ABLE Money Market Benchmark			0.35	1.01	4.29	4.29				4.29	
Variance			*0.04*	*(0.04)*	*(0.30)*	*(0.30)*				*(0.29)*	
Checking Account Option	**$19,081,903**	**27.10%**									**03/30/17**

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Minnesota Achieving a Better Life (ABLE) Plan Descriptions of Investment Options

Investment Options:	
Aggressive Option	The investment option seeks to provide long-term capital appreciation. Approximately 90% of the assets are allocated to equities and 10% to investment-grade fixed income.
Moderately Aggressive Option	The investment option seeks to provide long-term capital appreciation with low current income potential. Approximately 75% of the assets are allocated to equities and 25% to investment-grade fixed income.
Growth Option	The investment option seeks to provide capital appreciation and low current income. Approximately 60% of the assets are allocated to equities and 40% to investment-grade fixed income.
Moderate Option	The investment option seeks to provide capital appreciation and secondarily provide moderate current income. Approximately 45% of the assets are allocated to equities and 55% to investment-grade fixed income.
Moderately Conservative Option	The investment option seeks to provide moderate current income and low capital appreciation. Approximately 30% of the assets are allocated to equities, 45% to investment-grade fixed income, and 25% to cash.
Conservative Option	The investment option seeks to provide substantial capital preservation, limited current income and very low capital appreciation. Approximately 10% of the assets are allocated to equities, 30% to investment-grade fixed income, and 60% to cash.

Minnesota Achieving a Better Life (ABLE) Plan Descriptions of Investment Options

Investment Options Cont'd:	
Money Market Option	The investment option seeks to provide income consistent with the preservation of principal and invests all of its assets in the Vanguard Cash Reserves Federal Money Market Fund.
Checking Account Option	The Checking Account Option invests 100% of its assets in FDIC-insured checking accounts held at Fifth Third Bank.

Minnesota Achieving a Better Life (ABLE) Plan Descriptions of Underlying Investment Funds

Underlying Investment Funds:

Vanguard Total Stock Market Index Fund (VSMPX)	A passive domestic stock fund that tracks the CRSP U.S. Total Market Index.
Vanguard Developed Markets Index Fund (VTMNX)	A passive international stock fund that tracks the Vanguard Spliced Developed ex U.S. Index.
Vanguard Emerging Markets Stock Index Fund (VEMIX)	A passive emerging markets fund that tracks the Vanguard Spliced Emerging Markets Index.
Schwab U.S. REIT ETF (SCHH)	A passive Real Estate Investment Trust (REIT) fund that tracks the Dow Jones Equity All REIT Capped Index.
Vanguard Total Bond Market Index Fund (VBMPX)	A passive domestic bond fund that provides broad exposure to investment-grade bonds and tracks the Bloomberg U.S. Aggregate Float Adjusted Index.
Vanguard Short-Term Bond Index Fund (VBIPX)	A passive short-term bond fund that tracks the Bloomberg U.S. 1–5 Year Government/Credit Float Adjusted Index.
Vanguard Short-Term Inflation-Protected Securities Index Fund (VTSPX)	A passive inflation-protected bond fund that tracks the Bloomberg U.S. 0-5 Year TIPS Index.
American Funds High-Income Fund (HIGFX)	An active fund that invests in a diversified portfolio of higher yielding corporate bonds with lower credit quality ratings.
iShares Core International Aggregate Bond ETF (IAGG)	A passive international investment-grade bond fund that tracks the Bloomberg Global Aggregate ex USD 10% Issuer Capped (Hedged) Index.
Vanguard Cash Reserves Federal Money Market Fund (VMRXX)	An active fund that invests in high-quality, short-term money market instruments such as cash, U.S. government securities, and repurchase agreements that are collateralized solely by cash or U.S. government securities.

Non-Retirement Investment Program

December 31, 2025

Non-Retirement Investment Program

The SBI established the Non-Retirement Funds to provide eligible Minnesota public sector entities with the opportunity to invest in broad asset class options to aid them in achieving their investment objectives. Eligible Minnesota public sector entities include designated trust funds, Other Postemployment Benefit (OPEB) trusts, Qualifying Governmental Entities, and other programs created by the Minnesota Constitution and Legislature.

Performance of Investment Options

	Ending Market Value	Last Qtr	Fiscal YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date
Non-Retirement Funds									
NON-RETIREMENT EQUITY FUND - MELLON	**$3,976,707,088**	**2.6%**	**11.0%**	**17.9%**	**23.0%**	**14.4%**	**14.8%**	**10.9%**	**07/1993**
S&P 500 (DAILY)		2.7%	11.0%	17.9%	23.0%	14.4%	14.8%	10.8%	07/1993
Excess		-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	0.0%	
NON-RETIREMENT BOND FUND - PGIM	**$2,070,861,472**	**1.2%**	**3.4%**	**7.6%**	**5.3%**	**-0.1%**	**2.4%**	**5.1%**	**07/1994**
Bloomberg U.S. Aggregate		1.1%	3.2%	7.3%	4.7%	-0.4%	2.0%	4.6%	07/1994
Excess		0.1%	0.3%	0.3%	0.6%	0.2%	0.4%	0.5%	
NON-RETIREMENT MONEY MARKET FUND	**$615,671,744**	**1.0%**	**2.2%**	**4.5%**	**5.1%**	**3.4%**		**2.7%**	**12/2017**
ICE BofA US 3-Month Treasury Bill		1.0%	2.1%	4.2%	4.8%	3.2%		2.6%	12/2017
Excess		0.1%	0.1%	0.3%	0.3%	0.2%		0.1%	
Non-Retirement Separate Accounts									
ASSIGNED RISK PLAN FIXED INCOME PORTFOLIO - RBC	**$229,167,940**	**1.2%**	**2.4%**	**6.5%**	**4.4%**	**0.7%**	**1.8%**	**4.3%**	**07/1991**
ARP Fixed Income Portfolio Benchmark		1.2%	2.4%	6.5%	4.4%	0.6%	1.8%	4.3%	07/1991
Excess		-0.0%	-0.1%	-0.0%	-0.0%	0.0%	0.1%	-0.1%	
DULUTH OPEB LADDERED BOND FUND	**$107,463,345**	**0.7%**	**2.6%**	**6.7%**				**4.6%**	**07/2024**
MET COUNCIL OPEB LADDERED BOND FUND	**$131,045,298**	**1.2%**	**2.5%**	**6.0%**	**4.6%**	**1.4%**			**02/2009**

Note:
The current benchmark for the Assigned Risk Plan Fixed Income Portfolio, ARP Fixed Income Portfolio Benchmark, is the Bloomberg U.S. Government Intermediate Index.
Prior to 12/1/17, the Non-Retirement Equity Fund and Non-Retirement Fixed Income Funds were managed internally by SBI staff.

Performance of Investment Options

	2025 Calendar Return	2024 Calendar Return	2023 Calendar Return	2022 Calendar Return	2021 Calendar Return
Non-Retirement Funds					
NON-RETIREMENT EQUITY FUND - MELLON	**17.9%**	**25.0%**	**26.3%**	**-18.1%**	**28.7%**
S&P 500 (DAILY)	17.9%	25.0%	26.3%	-18.1%	28.7%
Excess	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
NON-RETIREMENT BOND FUND - PGIM	**7.6%**	**2.1%**	**6.3%**	**-13.6%**	**-1.5%**
Bloomberg U.S. Aggregate	7.3%	1.3%	5.5%	-13.0%	-1.5%
Excess	0.3%	0.8%	0.8%	-0.6%	0.0%
NON-RETIREMENT MONEY MARKET FUND	**4.5%**	**5.5%**	**5.3%**	**1.7%**	**0.1%**
ICE BofA US 3-Month Treasury Bill	4.2%	5.3%	5.0%	1.5%	0.0%
Excess	0.3%	0.2%	0.3%	0.2%	0.0%
Non-Retirement Separate Accounts					
ASSIGNED RISK PLAN FIXED INCOME PORTFOLIO - RBC	**6.5%**	**2.3%**	**4.5%**	**-7.6%**	**-1.6%**
ARP Fixed Income Portfolio Benchmark	6.5%	2.4%	4.3%	-7.7%	-1.7%
Excess	-0.0%	-0.1%	0.1%	0.1%	0.1%
DULUTH OPEB LADDERED BOND FUND	**6.7%**				
MET COUNCIL OPEB LADDERED BOND FUND	**6.0%**	**3.6%**	**4.1%**	**-5.6%**	**-0.4%**

Note:
The current benchmark for the Assigned Risk Plan Fixed Income Portfolio, ARP Fixed Income Portfolio Benchmark, is the Bloomberg U.S. Government Intermediate Index.
Prior to 12/1/17, the Non-Retirement Equity Fund and Non-Retirement Fixed Income Funds were managed internally by SBI staff.

Descriptions of Investment Options

Funds:

Non-Retirement Equity Fund	The Non-Retirement Equity Fund is passively managed to provide investors with exposure to large-cap domestic equities. It is available to state and other trust funds, OPEB accounts, and Qualifying Governmental Entities. Mellon Investments Corporation passively manages this Fund in a separate account that seeks to track the performance of the S&P 500 Index.
Non-Retirement Bond Fund	The Non-Retirement Bond Fund is actively managed to provide investors with exposure to investment grade fixed income securities. It is available to state and other trust funds and OPEB accounts. This Fund is actively managed by Prudential Global Investment Management (PGIM) and seeks to outperform the Bloomberg U.S. Aggregate Bond Index.
Non-Retirement Money Market Fund	The Non-Retirement Money Market Fund invests in high-quality short-term cash investments with the objective of providing current income and protecting invested principal. Entities that may invest in the Fund include state and other trust funds and OPEB accounts. State Street Global Advisors manages this Fund. The SBI measures the Non-Retirement Money Market Fund against the iMoneyNet All Taxable Money Fund Average.

Separate Accounts:

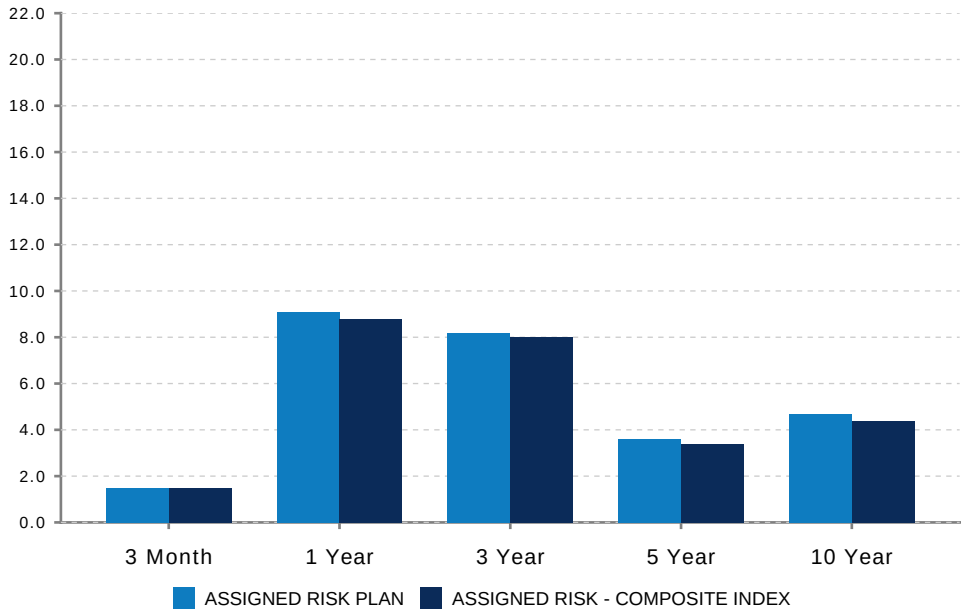
Assigned Risk Plan - Fixed Income Portfolio	The Assigned Risk Plan fixed income portfolio is actively managed by RBC Global Asset Management to provide income and preserve invested principal to support the payment of worker compensation claims. Because of the uncertainty of the timing and size of premiums and liability cash flows, the assets are invested conservatively in a portfolio of high-quality fixed-income securities. The Assigned Risk Plan fixed income portfolio is benchmarked to the Bloomberg U.S. Government Intermediate Index, which consists of high-quality, U.S. dollar-denominated, fixed income securities issued by the U.S. Government and its agencies with maturities up to 10 years.
Duluth OPEB Laddered Bond	The City of Duluth first invested with the SBI in July 2007. The City of Duluth is responsible for determining the asset allocation for this account. As of June 30, 2024, the portfolio was invested entirely in a laddered bond portfolio. Before transitioning to this strategy in June 2024, the portfolio was allocated between the Non-Retirement Equity Fund and the Non-Retirement Bond Fund.
Met Council OPEB Laddered Bond	The Metropolitan Council is the regional policy-making body, planning agency, and provider of essential services for the Twin Cities metropolitan region. The Met Council OPEB Bond account contains assets set aside to fund future OPEB liabilities. OPEB account assets are allocated at the Met Council's direction. .

Assigned Risk Quarter-End Review

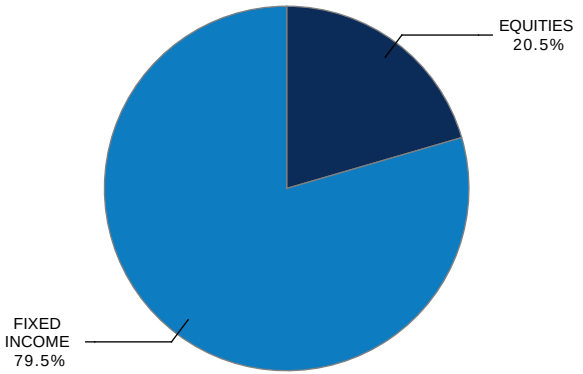
Assigned Risk Plan

The Assigned Risk Plan has two investment objectives: to minimize any mismatch between assets and liabilities, and to provide sufficient liquidity to pay ongoing claims and operating expenses.

The Assigned Risk Plan is invested in a portfolio of common stocks and bonds. The equity segment is passively managed and seeks to track the performance of the S&P 500 Index. The fixed income segment is actively managed and seeks to outperform the Bloomberg U.S. Government Intermediate Index. The Assigned Risk Plan's benchmark is a combination of the equity and fixed income benchmarks, weighted according to the asset allocation targets of 20% equities and 80% fixed income. The actual asset mix will fluctuate and is shown in the pie graph below.



	Ending Market Value	Last Qtr	1 Year	3 Year	5 Year	10 Year
ASSIGNED RISK PLAN	$288,189,687	1.5%	9.1%	8.2%	3.6%	4.7%
EQUITIES	$59,021,757	2.6%	17.9%	23.0%	14.4%	14.7%
FIXED INCOME	$229,167,931	1.2%	6.5%	4.4%	0.7%	1.8%
ASSIGNED RISK - COMPOSITE INDEX		1.5%	8.8%	8.0%	3.4%	4.4%
Excess		-0.0%	0.3%	0.2%	0.2%	0.2%
S&P 500		2.7%	17.9%	23.0%	14.4%	14.8%
Bloomberg U.S. Government: Intermediate		1.2%	6.5%	4.4%	0.6%	1.8%



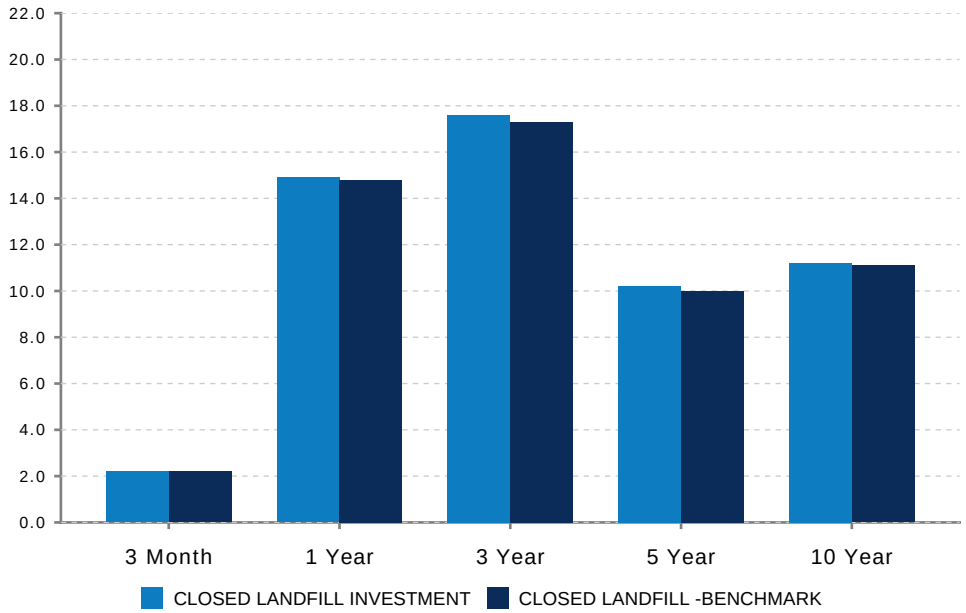
Note: Since 12/1/2017 the Assigned Risk equity segment has been managed by Mellon. From 1/17/2017-11/30/2017 it was managed internally by SBI staff. Prior to 1/17/2017 the equity segment was managed by SSgA (formerly GE Investment Mgmt.). RBC manages the fixed income segment of the Fund.

Closed Landfill Investment Fund Quarter-End Review

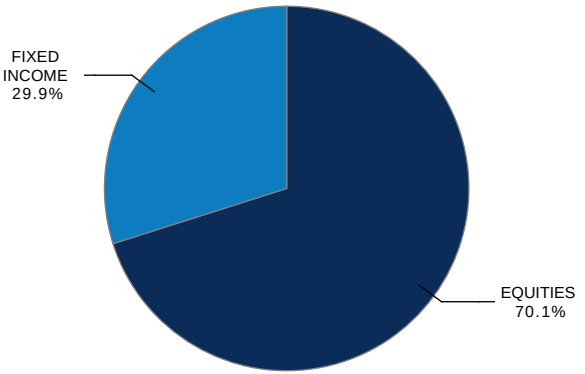
Closed Landfill Investment Fund

The investment objective of the Closed Landfill Investment Fund is to grow the value of the Fund to meet future expenditure needs while maintaining an appropriate level of market risk.

The Closed Landfill Investment Fund is invested in a portfolio of common stocks and bonds. The equity segment is passively managed and seeks to track the performance of the S&P 500 Index. The fixed income segment is actively managed and seeks to outperform the Bloomberg U.S. Aggregate Bond Index. The Closed Landfill Investment Fund's benchmark is a combination of the equity and fixed income benchmarks, weighted according to the asset allocation targets of 70% equities and 30% fixed income. The actual asset mix will fluctuate and is shown in the pie graph below.



	Ending Market Value	Last Qtr	1 Year	3 Year	5 Year	10 Year
CLOSED LANDFILL INVESTMENT	$176,055,355	2.2%	14.9%	17.6%	10.2%	11.2%
EQUITIES	$123,423,813	2.6%	17.9%	23.0%	14.4%	14.8%
FIXED INCOME	$52,631,543	1.2%	7.6%	5.3%	-0.1%	2.4%
CLOSED LANDFILL -BENCHMARK		2.2%	14.8%	17.3%	10.0%	11.1%
Excess		0.0%	0.1%	0.3%	0.2%	0.1%
S&P 500		2.7%	17.9%	23.0%	14.4%	14.8%
Bloomberg U.S. Aggregate		1.1%	7.3%	4.7%	-0.4%	2.0%



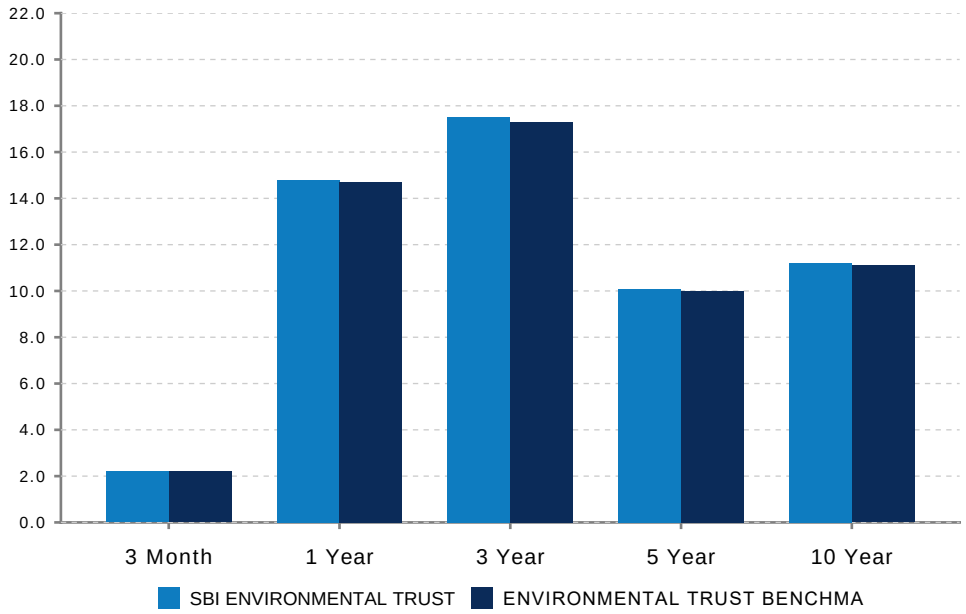
Note: Since 12/1/2017 the equity segment has been managed by Mellon and the fixed income segment by PGIM. Prior to 12/1/2017 both segments were managed internally by SBI staff. Prior to 9/10/14 the Fund's target allocation and benchmark was 100% domestic equity.

Environmental Trust Fund Quarter-End Review

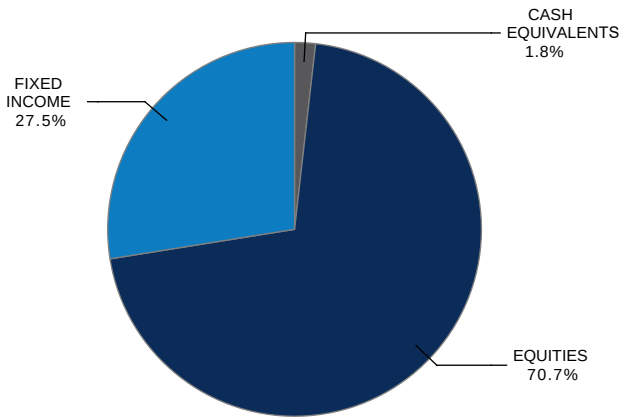
Environmental Trust Fund

The investment objective of the Environmental Trust Fund is to generate long-term capital growth to support a growing level of funding while maintaining adequate portfolio liquidity.

The Environmental Trust Fund is invested in a portfolio of common stocks, bonds, and cash. The equity segment is passively managed and seeks to track the performance of the S&P 500 Index. The fixed income segment is actively managed and seeks to outperform the Bloomberg U.S. Aggregate Bond Index. The cash segment is actively managed and seeks to outperform the iMoneyNet Money Fund Average. The Environmental Trust Fund's benchmark is a combination of the equity, fixed income, and cash benchmarks, weighted according to the asset allocation targets of 70% equities, 28% fixed income, and 2% cash. The actual asset mix will fluctuate and is shown in the pie graph below.



	Ending Market Value	Last Qtr	1 Year	3 Year	5 Year	10 Year
ENVIRONMENTAL TRUST	$2,203,283,941	2.2%	14.8%	17.5%	10.1%	11.2%
CASH EQUIVALENTS	$40,750,385	1.0%	4.5%	5.1%	3.4%	2.3%
EQUITIES	$1,556,585,717	2.6%	17.9%	23.0%	14.4%	14.8%
FIXED INCOME	$605,947,839	1.2%	7.6%	5.3%	-0.1%	2.4%
ENVIRONMENTAL TRUST BENCHMARK		2.2%	14.7%	17.3%	10.0%	11.1%
Excess		0.0%	0.1%	0.2%	0.1%	0.1%
S&P 500		2.7%	17.9%	23.0%	14.4%	14.8%
Bloomberg U.S. Aggregate		1.1%	7.3%	4.7%	-0.4%	2.0%
iMoneyNet Money Fund Average		0.9%	4.0%	4.6%	3.0%	1.9%



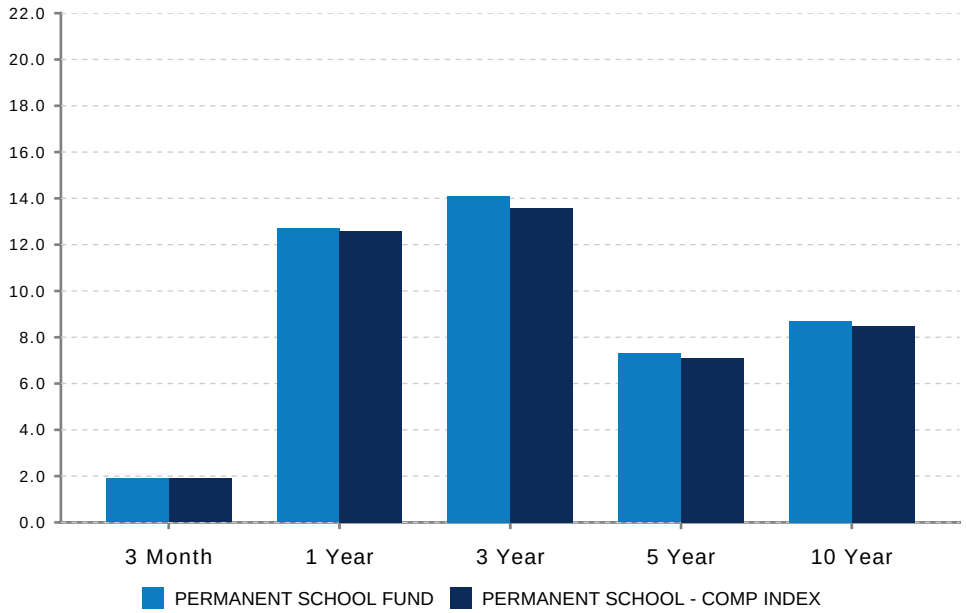
Note: Since 12/1/2017 the equity segment has been managed by Mellon and the fixed income segment by PGIM. Prior to 12/1/2017 both segments were managed internally by SBI staff. From 7/1/94 to 7/1/99, the Fund's target allocation and benchmark was 50% fixed income and 50% stock. Prior to 7/1/94 the Fund was invested entirely in short-term instruments as part of the Invested Treasurer's Cash pool.

Permanent School Fund Quarter-End Review

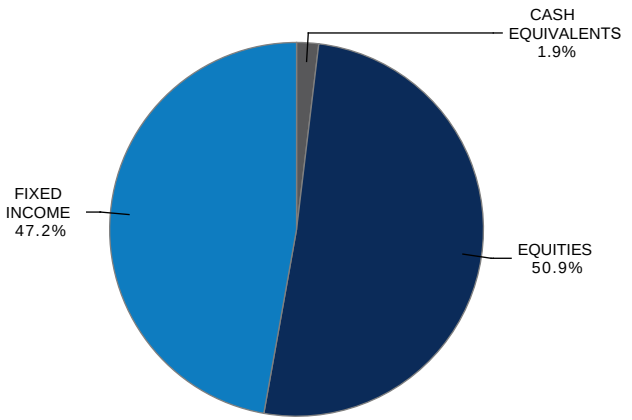
Permanent School Fund

The investment objectives of the Permanent School Fund are to produce annual distributions in support of Minnesota schools while maintaining the Fund as a perpetual financial resource. The Permanent School Fund's investment objectives are dictated by the legal provisions under which its investments must be managed.

The Permanent School Fund is invested in a portfolio of common stocks, bonds, and cash. The equity segment is passively managed and seeks to track the performance of the S&P 500 Index. The fixed income segment is actively managed and seeks to outperform the Bloomberg U.S. Aggregate Bond Index. The cash segment is actively managed and seeks to outperform the iMoneyNet Money Fund Average. The Permanent School Fund's benchmark is a combination of the equity, fixed income, and cash benchmarks, weighted according to the asset allocation targets of 50% equities, 48% fixed income, and 2% cash. The actual asset mix will fluctuate and is shown in the pie graph below.



	Ending Market Value	Last Qtr	1 Year	3 Year	5 Year	10 Year
PERMANENT SCHOOL FUND	$2,460,523,817	1.9%	12.7%	14.1%	7.3%	8.7%
CASH EQUIVALENTS	$46,337,130	1.0%	4.5%	5.1%	3.4%	2.3%
EQUITIES	$1,253,174,957	2.6%	17.9%	23.0%	14.4%	14.8%
FIXED INCOME	$1,161,011,731	1.2%	7.6%	5.3%	-0.1%	2.4%
PERMANENT SCHOOL - COMP INDEX		1.9%	12.6%	13.6%	7.1%	8.5%
Excess		0.1%	0.2%	0.5%	0.2%	0.2%
S&P 500		2.7%	17.9%	23.0%	14.4%	14.8%
Bloomberg U.S. Aggregate		1.1%	7.3%	4.7%	-0.4%	2.0%
iMoneyNet Money Fund Average		0.9%	4.0%	4.6%	3.0%	1.9%



Note: Since 12/1/2017 the equity segment has been managed by Mellon and the fixed income segment by PGIM. Prior to 12/1/2017 both segments were managed internally by SBI staff.

State Cash

December 31, 2025

State Cash Accounts

Invested Treasurer's Cash

The Invested Treasurer's Cash Pool (ITC) represents the balances in more than 400 separate accounts that flow through the Minnesota State Treasury. These accounts vary greatly in size. The ITC contains the cash balances of certain State agencies and non-dedicated cash in the State Treasury.

The investment objectives of the ITC, in order of priority, are as follows:

- Safety of Principal. To preserve capital.
- Liquidity. To meet cash needs without the forced sale of securities at a loss.
- Competitive Rate of Return. To provide a level of current income consistent with the goal of preserving capital.

The SBI seeks to provide safety of principal by investing all cash accounts in high quality, liquid, short term investments. These include U.S. Treasury and Agency issues, repurchase agreements, bankers acceptances, commercial paper, and certificates of deposit.

Beginning in January 2003, the Treasurer's Cash Pool is measured against the iMoneyNet, All Taxable Money Fund Report Average.

	Ending Market Value	Last Qtr	1 Year	3 Year	5 Year	10 Year
Treasurer's Cash	27,181,466,222	1.0	4.5	5.1	3.1	2.2
iMoneyNet Money Fund Average-All Taxable		0.9	4.0	4.6	3.0	1.9

Other State Cash Accounts

Due to differing investment objectives, strategies, and time horizons, some State agencies' accounts are invested seperately. These agencies direct the investments or provide the SBI with investment guidelines and the SBI executes on their behalf. Consequently, returns are shown for informational purposes only and there are no benchmarks for these accounts.

	Ending Market Value	Last Qtr	1 Year	3 Year	5 Year	10 Year
Debt Service	115,606,523	1.1	5.9	4.9	2.2	2.4
Housing Finance	469,399,251	1.0	4.4	4.6		

Addendum

Combined Funds Benchmark Definitions

Active Domestic Equity Benchmark:

A weighted composite each of the individual active domestic equity managers' benchmarks. Effective 3/1/2017 the calculation uses the average weight of the manager relative to the total group of active managers during the month. Prior to 3/1/2017 the beginning of the month weight relative to the total group was used.

Benchmark DM:

Since 6/1/08 the developed markets managers' benchmark, "Benchmark DM," is the Standard (large + mid) MSCI World ex USA (net). From 10/1/07 through 5/31/08 the benchmark was the Provisional Standard MSCI World ex USA (net). From 10/1/03 to 9/30/07 the benchmark was the MSCI World ex USA (net). Prior to that date, it was the MSCI EAFE Free (net), including from 10/1/01 to 5/31/02 when it was the Provisional MSCI EAFE Free (net).

Benchmark EM:

Since 6/1/08 the emerging markets managers' benchmark, "Benchmark EM,"is the Standard (large + mid) MSCI Emerging Markets Free (net). From 10/1/07 through 5/31/08 the benchmark was the Provisional Standard MSCI Emerging Markets Free (net). From 1/1/01 to 9/30/07 the benchmark was the MSCI Emerging Markets Free (net), including from 10/1/01 to 5/31/02 when it was the Provisional MSCI Emerging Markets Free (net). Prior to 1/1/01, it was the MSCI Emerging Markets Free (gross).

Combined Funds Composite Index:

The Composite Index performance is calculated by multiplying the beginning of month Composite weights by the monthly returns of the asset class benchmarks. Asset class weights for Private Markets - Invested and Private Markets - Uninvested are reset at the start of each month. From 1/1/2018-2/28/2019 the Transitional Policy Target was used to reflect the addition of Treasuries to the Fixed Income portfolio. From 7/1/2016-12/31/2016 the composite weights were set to match actual allocation as the portfolio was brought into line with the new Strategic Asset Allocation Policy Target. 7/1/2016 to 12/1/2020 the uninvested portion of Private Markets allocated to Public Equity. Prior to 7/1/2016 the uninvested portion of the Private Markets was invested in Fixed Income and the Composite Index was adjusted accordingly. When the Strategic Asset Allocation Policy Target changes, so does the Composite Index.

Core Bonds Benchmark:

The Core Bonds Benchmark is the Bloomberg U.S. Aggregate. Prior to 2016 this index was called the Barclays Agg. Prior to 9/18/2008 this index was called the Lehman Brothers Aggregate Bond Index. From 7/1/84-6/30/94 the asset class benchmark was the Salomon Brothers Broad Investment Grade Index. The SBI name for this benchmark changed from Fixed Income to Core Bonds on March 31, 2020.

Credit Plus Benchmark:

40% Bloomberg US Corporate Bond Index, 30% Bloomberg US Mortgage Backed Index, 20% BofA ML US High Yield BB-B Cash Pay Constrained Index, and 10% JPM EMBI Global Diversified Index.

Addendum

Domestic Equity Benchmark:

Since 12/1/2020 the benchmark is the Russell 3000. From 1/1/2019-11/30/2020 the benchmark was 90% Russell 1000 and 10% Russell 2000. From 10/1/2003 to 12/31/2018 it was the Russell 3000. From 7/1/1999 to 9/30/2003, it was the Wilshire 5000 Investable Index. From 11/1/1993 to 6/30/1999, the target was the Wilshire 5000 as reported with no adjustments. Prior to 11/1/1993, the Wilshire 5000 was adjusted to reflect SBI mandated restrictions, which included liquor and tobacco, American Home Products, and South Africa.

Fixed Interest Blended Benchmark:

Since 6/1/2002, equals 3 Year Constant Maturity Treasury Yield + 45 bps. Prior to this change it was the 3 Year Constant Maturity Treasury Yield + 30 bps.

International Equity Benchmark:

Since 12/1/2020 equals the MSCI ACWI ex-US(Net). From 1/1/2018 to 1/1/2019 it was 75% MSCI World ex USA Index (net) and 25% MSCI Emerging Markets Index (net). From 6/1/08 to 12/31/2018 the international equity asset class target was the Standard (large + mid) MSCI ACWI ex U.S. (net). From 10/1/07 through 5/31/08 the benchmark was the Provisional Standard MSCI ACWI ex U.S. (net). From 10/1/03 to 9/30/07 the target was MSCI ACWI ex U.S. (net). From 1/1/01 to 9/30/03, the target was MSCI EAFE Free (net) plus Emerging Markets Free (net), and from 7/1/99 to 12/31/00 the target was MSCI EAFE Free (net) plus Emerging Markets Free (gross). From 7/1/99 to 9/30/03, the weighting of each index fluctuated with market capitalization. From 10/1/01 to 5/31/02 all international benchmarks being reported were the MSCI Provisional indices. From 12/31/96 to 6/30/99 the benchmark was fixed at 87% EAFE Free (net)/13% Emerging Markets Free (gross). On 5/1/96, the portfolio began transitioning from 100% EAFE Free (net) to the 12/31/96 fixed weights. Prior to 5/1/96 it was 100% the EAFE Free (net).

Multi-Asset Credit Benchmark:

33.33% ICE BofA High Yield, 33.33% S&P LSTA Leveraged Loan, and 33.33% JPM EMBI Global Diversified Index.

Passive Domestic Equity Benchmark:

A weighted average of the Russell 1000, Russell 2000 and Russell 3000 effective 11/1/2018. From 10/1/2016 to 11/1/2018 it was a weighted average of the Russell 1000 and Russell 3000. From 10/1/2003 to 10/1/2016 it was equal to the Russell 3000. From 7/1/2000 to 9/30/2003, it was the Wilshire 5000 Investable Index. From 11/1/1993 to 6/30/2000, the target was the Wilshire 5000 as reported with no adjustments. Prior to 11/1/1993, the Wilshire 5000 was adjusted to reflect SBI mandated restrictions, which included liquor and tobacco, American Home Products and South Africa.

Passive Manager Benchmark:

Russell 3000 effective 10/1/2003. From 7/1/2000 to 9/30/2003, it was the Wilshire 5000 Investable Index. From 11/1/1993 to 6/30/2000, the target was the Wilshire 5000 as reported with no adjustments. Prior to 11/1/1993, the Wilshire 5000 was adjusted to reflect SBI mandated restrictions, which included liquor and tobacco, American Home Products and South Africa.

Addendum

Public Equity Benchmark:

Since 12/1/2020, it is 67% Russell 3000 and 33% MSCI ACWI ex-US (net). From 1/1/2019 to 12/1/2020, it was 60.3% Russell 1000, 6.7% Russell 2000, 24.75% MSCI World ex-US (net), and 8.25% MSCI EM (net). From 7/1/2017 to 12/31/2018, it was 67% Russell 3000 and 33% MSCI ACWI ex-USA. Prior to 6/30/16, the returns of domestic and international equity were not reported as a total public equity return. From 6/30/16 to 6/30/17, the public equity benchmark adjusted by 2% each quarter from 75% Russell 3000 and 25% MSCI ACWI ex-USA until it reached 67% and 33%.

Return Seeking BM:

A weighted composite of each individual return seeking fixed income managers' benchmarks. The calculation uses the average weight of the manager relative to the total group of active managers during the month.

Semi-Passive Domestic Equity Benchmark:

Russell 1000 index effective 1/1/2004. Prior to 1/1/2004, it was the Completeness Fund benchmark.

Total Fixed Income Benchmark:

Since 7/1/2020, the total fixed income benchmark is 40% Bloomberg U.S. Aggregate Index, 40% Bloomberg Treasury 5+ Years Index, and 20% ICE BofA US 3-Month Treasury Bill. From 4/1/2019 to 6/30/2020, it was 50% Bloomberg Aggregate and 50% Bloomberg Treasury 5+ Years Index. From 2/1/2018 to 3/31/19, the weighting of this benchmark reflected the relative weights of the core bonds and treasuries allocations in the Combined Funds Composite.

Zevenbergen Benchmark:

Russell 3000 Growth index effective 1/1/2021. Prior to 1/1/2021, it was the Russell 1000 Growth Index.

NISA Custom BM:

Since 10/1/2025, the NISA custom benchmark is 80% S&P 500 Index and 20% ICE BofA US 3-Month Treasury Bill. From 10/1/2022 to 9/30/2025, it was the ICE BofA US 3-Month Treasury Bill. Prior to 10/1/2022, it was the S&P 500 Index.

Uninvested Private Markets Custom BM:

Since 10/1/2025, the Uninvested Private Markets custom benchmark is 80% S&P 500 Index and 20% ICE BofA US 3-Month Treasury Bill. From 10/1/2022 to 9/30/2025, it was the ICE BofA US 3-Month Treasury Bill. Prior to 10/1/2022, it was the S&P 500 Index.

Addendum

Other Retirement Funds, Tax-Advantaged Savings Plans, and Non-Retirement Investment Program Benchmark Definitions

Environmental Trust Benchmark:

Weighted 70% S&P 500, 28% Bloomberg U.S. Aggregate, 2% 3-month T-Bills.

Fixed Interest Blended Benchmark:

Since 6/1/2002, equals 3 Year Constant Maturity Treasury Yield + 45 bps. Prior to this change it was the 3 Year Constant Maturity Treasury Yield + 30 bps.

International Equity Benchmark:

Since 12/01/2020 equals the MSCI ACWI ex-US(Net). From 01/01/2018 to 01/01/2019 it was 75% MSCI World ex USA Index (net) and 25% MSCI Emerging Markets Index (net). From 06/01/2008 to 12/31/2018 the International Equity asset class target was the Standard (large + mid) MSCI ACWI ex U.S. (net). From 10/01/2007 through 05/31/2008 the benchmark was the Provisional Standard MSCI ACWI ex U.S. (net). From 10/01/2003 to 09/30/2007 the target was MSCI ACWI ex U.S. (net). From 01/01/2001 to 09/30/03, the target was MSCI EAFE Free (net) plus Emerging Markets Free (net), and from 07/01/1999 to 12/31/2000 the target was MSCI EAFE Free (net) plus Emerging Markets Free (gross). From 070/1/1999 to 09/30/2003, the weighting of each index fluctuated with market capitalization. From 10/1/2001 to 05/31/2002 all international benchmarks being reported were the MSCI Provisional indices. From 12/31/1996 to 06/30/1999 the benchmark was fixed at 87% EAFE Free (net)/13% Emerging Markets Free (gross). On 05/01/1996, the portfolio began transitioning from 100% EAFE Free (net) to the 12/31/1996 fixed weights. Prior to 05/01/1996 it was 100% the EAFE Free (net).

Permanent School - Comp Index:

Weighted 50% S&P 500, 48% Bloomberg U.S. Aggregate, 2% 3-month T-Bills.

ARP Fixed Income Portfolio Custom Benchmark:

Bloomberg U.S. Government Intermediate Index. Prior to 7/1/11 the Voyageur Custom Index was 10% 90-day T-Bill, 25% Merrill 1-3 Government, 15% Merrill 3-5 Government, 25% Merrill 5-10 Government, 25% Merrill Mortgage Master.

SIF Balanced Fund Benchmark:

Weighted 60% Russell 3000, 35% Bloomberg U.S. Aggregate, 5% 3-month T-Bills.

SIF Volunteer Firefighter Account Benchmark:

Weighted 35% Russell 3000, 15% MSCI ACWI ex USA (net), 45% Bloomberg U.S. Aggregate, 5% 3-month T-Bills.

Addendum

Vanguard Balanced Fund Benchmark:

Weighted 60% CRSP US Total Market Index, 40% Bloomberg U.S. Aggregate Float Adjusted Index, prior to 01/01/2023 the benchmark was 60% MSCI US Broad Market Index and 40% Bloomberg U.S. Aggregate.

Vanguard Dividend Growth Fund Benchmark:

CRSP U.S. Total Market Index, prior to 09/20/2021 the benchmark was NASDAQ US Dividend Achievers Select Index.

Vanguard Mid-Cap Index Fund Benchmark:

CRSP US Mid-Cap Index, prior to 02/01//2013 the benchmark was MSCI US Mid-Cap 450 Index.

Vanguard Total International Stock Index Fund Benchmark:

FTSE Global All Cap ex US Index, prior to 06/01/2013 the benchmark was MSCI ACWI ex USA IMI.