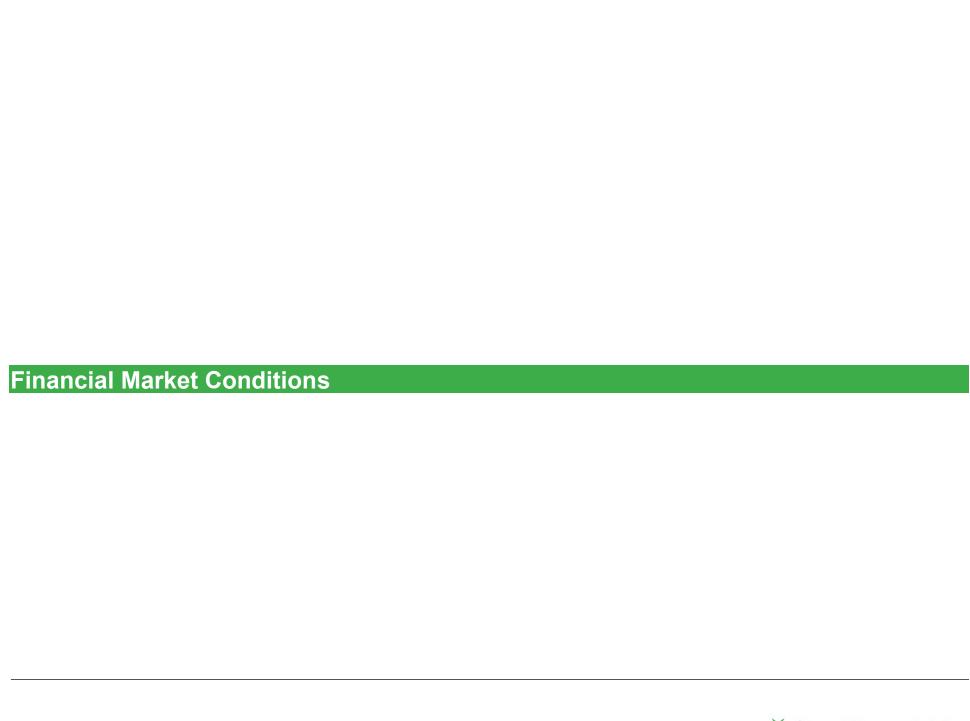


## Analysis of Investment Performance

Period Ending June 30, 2024

Rafik Ghazarian

**Segal Marco Advisors** 



# Quarter In Review: Global Equity Overview

Equity Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
S&P 500	4.28	15.29	24.56	10.01	15.05	12.86
MSCI Europe, Australasia and Far East (EAFE)*	-0.42	5.34	11.54	2.89	6.46	4.33
MSCI Emerging Markets (EM)*	5.00	7.49	12.55	-5.07	3.10	2.79

All data in the table are percentages.

### **Global Equity Performance and Valuations**

- Emerging Markets (+5.0%) led the Global markets, for the first time since the second quarter of 2020, followed by the U.S. markets (+4.3%), showing signs of deceleration this quarter, and a slight lag from International Developed (-0.4%).
- U.S. large capitalization ("cap") stocks continue to trade at consistent valuations as the S&P 500's [12 month] forward P/E ratio was 21.0 compared to 21.0 at the end of the first quarter 2024 which is above its 10-year average of 17.8.
- International Developed large cap stocks, per the MSCI EAFE Index, had a [12 month] forward P/E ratio of 13.6, down from 14.3 the previous quarter but still relatively close to its 10-year average of 14.3.
- Emerging Markets equities, per the MSCI Emerging Markets Index, in the first quarter were just 20 bps above the 10-year average valuation (12-month forward P/E ratio of 12.4 to 12.2) while also up from the previous quarter (12.2).

**Price to Earnings**  Median O Current 45.0 40.0 Forward Price to Earnings (x) 35.0 30.0 25.0 20.0 15.0 10.0 5.0 MSCI S&P 500 S&P 400 S&P 600 MSCI EAFE MSCI EM MSCI World MSCI UK MSCI Japan Canada 20.8 24.1 27.0 17.8 15.3 20.7 16.2 40.7 17.6 10.3 11.0 10.4 9.4 8.7 10.0 8.0 11.1 10.0 Low 16.0 16.1 16.4 13.6 11.6 14.7 12.2 14.5 Median 14.2 Current 21.0 15.1 13.9 13.9 12.4 18.5 11.3 15.6 13.9 21.0 15.9 14.4 14.4 12.2 18.6 11.5 15.9 14.6 Previous 17.8 16.1 16.7 14.3 10Y AVG 12.2 16.6 13.0 14.2 14.5

Data range is from 3/31/00-6/30/24. P/E ratios are forward 10 month



<sup>\*</sup> Net dividends reinvested

# Quarter In Review: U.S. Equity

U.S. Equity Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
S&P 500	4.28	15.29	24.56	10.01	15.05	12.86
Russell 1000	3.57	14.24	23.88	8.74	14.61	12.51
Russell 1000 Growth	8.33	20.70	33.48	11.28	19.34	16.33
Russell 1000 Value	-2.17	6.62	13.06	5.52	9.01	8.23
Russell 2000	-3.28	1.73	10.06	-2.58	6.94	7.00
Russell 2000 Growth	-2.92	4.44	9.14	-4.86	6.17	7.39
Russell 2000 Value	-3.64	-0.85	10.90	-0.53	7.07	6.23
Russell Midcap	-3.35	4.96	12.88	2.37	9.46	9.04
Russell 3000	3.22	13.56	23.13	8.05	14.14	12.15

### All data in the tables are percentages.

### **Performance**

- The U.S. market demonstrated continued strength, as the S&P 500 gained 4.3% in the quarter ending June 30.
- Rallying in 2024, large cap stocks (+3.6%) continue to lead the way as mid cap (-3.4%) and small cap (-3.3%) stocks posted negative returns in the second quarter.
- Growth continues its outperformance over value in large caps as the Russell 1000 Growth Index posted +8.3% compared to the value index at -2.2%. Similarly, growth also beat out value amongst small caps (-2.9% vs. -3.6%), a dip from the previous quarter ending March 31 [2024].
- Half of the sectors in the S&P 500 Index generated positive returns in the second quarter. Information Technology led the index, driven by strong economic expansion, posting +13.8% in the quarter ending June 30. Materials was lowest performing sector this quarter posting a (-4.5%).

Source: FactSet

QTD	1-Year
9.37	44.87
0.65	13.08
1.35	8.15
-2.42	15.85
-2.03	24.21
-0.96	11.68
-2.90	15.53
13.81	41.78
-4.50	8.69
-1.91	5.60
4.66	7.82
	9.37 0.65 1.35 -2.42 -2.03 -0.96 -2.90 13.81 -4.50 -1.91

# Quarter In Review: International Equity

MSCI International Equity Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
World ex. U.S.	-0.60	4.96	11.22	2.82	6.55	4.27
EAFE	-0.42	5.34	11.54	2.89	6.46	4.33
EAFE Local Currency	1.00	11.06	15.08	8.10	8.98	7.40
Europe	0.55	5.81	11.68	3.87	7.13	4.16
Europe ex U.K.	-0.35	5.49	11.46	2.97	7.60	4.72
U.K.	3.69	6.91	12.49	6.92	5.71	2.66
Japan	-4.27	6.27	13.15	2.29	6.62	5.54
Pacific ex Japan	2.47	0.70	6.84	-1.25	2.43	3.23

All data in the tables are percentages and net dividends reinvested.

### **Performance**

- International developed markets continued to trail the U.S. (+4.3%) during the second quarter of 2024 and dipped with -0.4% return over the quarter.
- The U.K. (+3.7%) posted the strongest returns in international markets, with economic resilience post-Brexit (due to Brexit relation detachment from EU), favorable commodity prices and strong corporate earnings in financials, energy and consumer goods.
- Japan fell with the weakest returns in international markets with a -4.3% in the second quarter. Deflationary pressures and slower consumer spending persisted, disproportionally impacting smaller companies.
- Heatlhcare (+4.7%), Financials (+3.3%) and Energy (+1.3%) led the International markets during the quarter. Consumer Discretionary (-9.0%), Real Estate (-6.7%) and Materials (-3.2%) lagged the market.

MSCI EAFE Sector Returns	QTD	1-Year
Communication Services	0.54	10.06
Consumer Discretionary	-9.01	0.05
Consumer Staples	-1.60	-6.83
Energy	1.25	15.89
Financials	3.27	24.21
Healthcare	4.72	11.53
Industrials	-0.75	15.02
Information Technology	0.21	24.13
Materials	-3.22	8.53
Real Estate	-6.71	7.59
Utilities	0.76	-0.55

Source: FactSet

# Quarter In Review: Emerging Market Equity

MSCI EM Equity Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
Emerging Markets	5.00	7.49	12.55	-5.07	3.10	2.79
EM Local Currency	6.22	11.00	15.52	-1.62	5.60	5.84
Asia	7.44	11.04	15.06	-5.45	4.57	4.53
EMEA	1.60	2.66	9.28	-6.79	-2.22	-1.76
Latin America	-12.20	-15.68	-5.59	0.95	0.14	-0.31

**MSCI EM Sector Returns** 

All data in the tables are percentages and net dividends reinvested.

### **Performance**

- Emerging Market equities (+5.0%) outperformed U.S. (+4.3%) and International Developed equities (-0.4%) during the quarter.
- Despite China's (-1.4%) underperformance and continuous falling index weight, Asia posted the strongest second quarter returns with investor focus on India's equities following postelection optimism and Taiwan's continued AI enthusiasm.
- Latin America posted negative returns the past two quarters after a year of strong positive returns in 2023 as Brazil's expansionary fiscal policy, with primary expenditures growing at a double-digit rate, and potential rate hikes hindering investor confidence.
- Information Technology (+11.3%), Communication Services (+8.2%), and Utilities (+6.24%) were the strongest sectors in Emerging Markets while sectors including Healthcare (-4.3%), Consumer Staples (-3.0%) and Materials (-1.8%) were the weakest.

Communication Services	8.22	2.71
Consumer Discretionary	5.10	6.29
Consumer Staples	-2.97	-5.72
Energy	3.27	25.24
Financials	3.45	12.61
Healthcare	-4.32	-2.78
Industrials	4.01	6.85
Information Technology	11.26	34.22
Materials	-1.84	-3.08
Real Estate	2.80	-4.09
Utilities	6.24	20.27

QTD

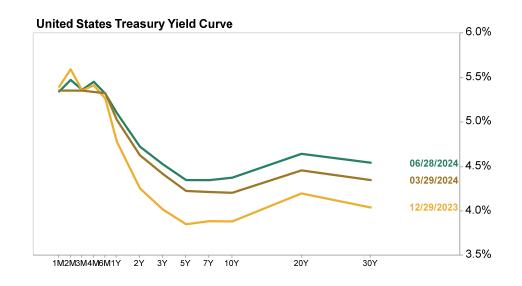
Source: FactSet

1-Year

## Quarter In Review: Fixed Income Overview

### **Yield Curve**

- US Treasury Yield Curve remained inverted in Q2 2024 with yields slightly rising in the intermediate to long end of the curve. The yield curve has now been inverted for seven quarters. A "soft landing" scenario is becoming a likely outcome with the Fed expected to begin cutting rates later this year, potentially as early as September 2024.
- Short-term yields remained mostly unchanged versus the prior quarter.
- 5-, 10- and 30-year Treasury yields increased the most by 12 bps, 17 bps and 20 bps respectively, ending the quarter at 4.34%, 4.37% and 4.54%.

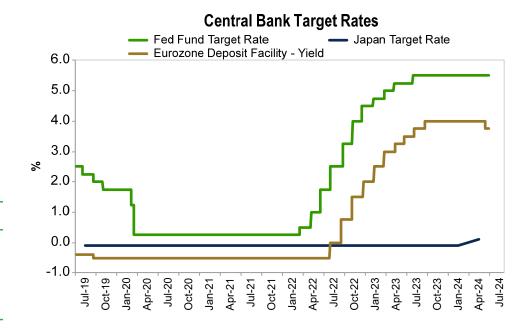


### **Monetary Policies/Global Interest Rates**

- The Bank of Japan kept its policy rate unchanged in Q2 2024 ending the quarter at 0.10%. The European Central Bank cut its interest rate by 0.25% in June of 2024, ending the quarter at 4.25% and easing ahead of the Fed and the BOE as other major central banks around the world consider lowering borrowing costs. The Bank of England kept its policy rate unchanged at 5.25%.
- The U.S. policy rate is above those of the Eurozone, the United Kingdom and Japan, at 5.50%.

Interest Rates	Fed Funds Rate	EZ Deposit Facility Rate
Average	4.96	0.99
Max	20.00	4.00
Min	0.25	-0.50

Source: FactSet



\*\* Segal Marco Advisors

## Quarter In Review: U.S. Fixed Income

U.S. Fixed Income Indices*	QTD	YTD	1-Year	3-Year	5-Year	10-Year
U.S. Aggregate	0.07	-0.71	2.63	-3.02	-0.23	1.35
Government/Credit	0.05	-0.68	2.74	-3.11	-0.07	1.51
Government	0.11	-0.83	1.61	-3.19	-0.61	0.92
Investment Grade Credit	-0.09	-0.49	4.63	-3.03	0.62	2.34
Investment Grade CMBS	0.74	1.75	6.00	-1.78	0.66	2.00
U.S. Corporate High Yield	1.09	2.58	10.44	1.64	3.92	4.31
FTSE** 3-Month T-Bill	1.37	2.76	5.64	3.17	2.22	1.53
Hueler Stable Value	0.74	1.48	2.98	2.35	2.30	2.14

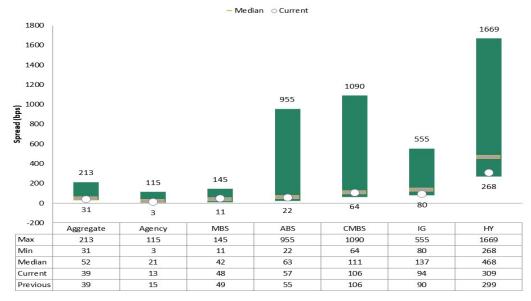
<sup>\*</sup> Bloomberg Indices, unless otherwise noted.

All data in the table are percentages.

### **Performance and Spreads**

- The U.S. Aggregate Index was positive during the second quarter. With the exception of Investment Grade Credit, all U.S. Aggregate Index sectors generated positive returns for the quarter.
- 3-Month T-Bill had the strongest performance at +1.37% for the quarter. The IG Credit sector experienced the weakest performance in the quarter ended June 30 (-0.09%).
- For the quarter, ABS, IG Credit and High Yield spreads slightly widened while the spreads on Agency and MBS narrowed, and spreads on the US Aggregate Index and CMBS remained unchanged. The largest change was in the High Yield sector with spreads widening by 10 basis points.





Data range is from 9/30/00\_6/30/24



<sup>\*\*</sup> Formerly Citigroup. Citigroup's fixed income indices were purchased by London Stock Exchange Group (LSEG) and were rebranded to FTSE by July 31, 2018. FTSE Russell is a unit of LSEG's Information Services Division and a wholly owned subsidiary of LSEG.

## Quarter In Review: International Fixed Income

Global Fixed Income Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
Bloomberg Global Aggregate	-1.10	-3.16	0.93	-5.49	-2.02	-0.42
Bloomberg Global Aggregate (Hgd)	0.12	0.13	4.20	-1.57	0.25	2.02
FTSE Non-U.S. WGBI*	-2.84	-6.17	-2.19	-9.40	-5.02	-2.45
FTSE Non-U.S. WGBI (Hgd)	-0.61	-0.40	3.62	-2.23	-0.59	2.03
JPM EMBI Global Diversified**	0.30	2.34	9.23	-2.60	-0.03	2.60
JPM GBI-EM Global Diversified***	-1.63	-3.71	0.67	-3.27	-1.29	-0.87

All data in the table are percentages.

### **Global Performance and Yields**

- Yields rose in most developed markets during the quarter. The ECB cut its policy rate in June of 2024 while the Fed and the Bank of England kept policy rates unchanged during the second quarter.
- The U.S. dollar appreciated relative to the yen and Euro, and slightly depreciated relative to British pound.
- Global government bond returns were negative for the quarter ended June 30, with Non-U.S. sovereign bonds exhibiting the weakest performance.

Source: FactSet



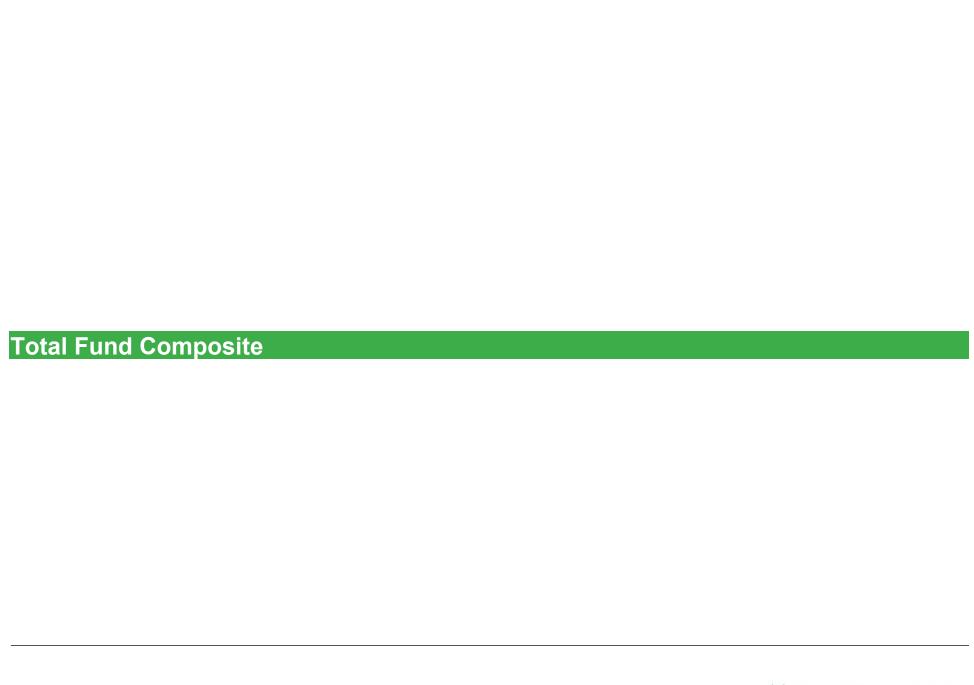
<sup>\*</sup> Formerly Citigroup. The FTSE Non-U.S. World Government Bond Index (WGBI) measures the performance of fixed-rate, local currency, investment grade sovereign bonds excluding the U.S.

<sup>\*\*</sup> The JP Morgan Emerging Market Bond Index (EMBI) Global Diversified index measures government bonds in hard currencies.

<sup>\*\*\*</sup> The JP Morgan Government Bond Index - Emerging Markets (GBI-EM) Global Diversified index measures government bonds in local currencies.

## Disclaimer

The information and opinions herein provided by third parties have been obtained from sources believed to be reliable, but accuracy and completeness cannot be guaranteed. This article and the data and analysis herein is intended for general education only and not as investment advice. It is not intended for use as a basis for investment decisions, nor should it be construed as advice designed to meet the needs of any particular investor. Please contact Segal Marco Advisors or another qualified investment professional for advice regarding the evaluation of any specific information, opinion, advice, or other content. On all matters involving legal interpretations and regulatory issues, investors should consult legal counsel.



# Cambridge Contributory Retirement System Asset Allocation Comparison as of June 30, 2024

NEW TARGET ALLOCATION	CURRENT ALLOCATIONS		DIFF.
<u>EQUITIES</u> <u>TARGET</u>			
	RhumbLine - Russell 1000	23.05%	\$419,749,520
	BNY Mellon - Russell 2000 Cambridge Bancorp	4.81% 0.97%	\$87,606,082 \$17,660,136
Domestic Equity 26.00% \$473,453,267	Domestic Equity	28.83%	\$525,015,738 2.83%
	* •		, ,
	Acadian	3.16%	\$57,469,461
International Equity 10.00% \$182,097,411	RhumbLine - EAFE Index International Equity	7.01% 10.17%	\$127,668,210 \$185,137,671 0.17%
10.00% \$182,097,411	International Equity	10.1/70	\$105,157,071 0.1770
	Aberdeen	2.47%	\$45,055,987
	BNY Mellon - EM Index	4.74%	\$86,336,893
D • D • XE I . 10 000/ 0102 00# 411	RBC	2.65%	\$48,314,987
Emerging Equity Market 10.00% \$182,097,411	Emerging Equity Market	9.87%	\$179,707,867 -0.13%
EQUITIES TOTAL 46.00% \$837,648,088	EQUITIES TOTAL	48.87%	\$889,861,276 2.87%
FIXED INCOME	TO 1 15.	2.220/	050 626 210
	Fidelity Income Research Management	3.22% 2.90%	\$58,636,218 \$52,883,256
	Garcia Hamilton	2.71%	\$49,393,476
Core Fixed Income 12.00% \$218,516,893	Core Fixed Income	8.84%	\$160,912,950 -3.16%
TY' 1 X' 11 T' 1 X	Mesirow	4.83%	\$87,960,518
High Yield Fixed Income 5.00% \$91,048,705	High Yield Fixed Income	4.83%	\$87,960,518 -0.17%
	Wellington (Local Currency)	1.32%	\$24,064,682
	Marathon (Hard Currency)	1.41%	\$25,585,506
Emerging Markets Debt 3.00% \$54,629,223	Emerging Markets Debt	2.73%	\$49,650,188 -0.27%
	Pinebridge	2.95%	\$53,741,861
Bank Loans 3.00% \$54,629,223	Bank Loans	2.95%	\$53,741,861 -0.05%
2.007,	Dam Domb	20070	\$66,7 11,001 010070
FIXED INCOME TOTAL 23.00% \$418,824,044	FIXED INCOME TOTAL	19.34%	\$352,265,517 -3.66%
REAL ESTATE	Committed Contributions Distributions		
REAL ESTATE	UBS Trumbull Property Fund	2.78%	\$50,535,934
	JP Morgan SPF	2.02%	\$36,842,548
	Intercontinental US REIF	2.01%	\$36,559,187
	PRIT Real Estate	0.13%	\$2,295,041
	Rockwood IX \$18,000,000 \$16,599,863 \$20,301,937	0.09%	\$1,687,837 as of 03/31/24
	Landmark Real Estate Fund VI       \$5,500,000       \$4,842,191       \$7,349,951         Penn Square Global RE Fund II       \$5,500,000       \$3,355,000       \$5,647,641	0.00% 0.02%	\$15,788 as of 03/31/24 \$286,907 as of 03/31/24
REAL ESTATE TOTAL 9.00% \$163,887,669	REAL ESTATE TOTAL	7.04%	\$128,223,242 -1.96%

### **Cambridge Contributory Retirement System**

Asset Allocation Comparison as of June 30, 2024

ALTERNATIVE INVESTMENTS		<u>Committed</u>	<b>Contributions</b>	<u>Distributions</u>		
	Ascent Ventures V	\$5,000,000	\$4,850,000	\$4,513,301	0.17%	\$3,158,167 as of 03/31/24
	BlackRock Diversified V PE	\$6,500,000	\$5,478,310	\$5,475,479	0.23%	\$4,218,523 as of 03/31/24
	Hamilton Lane VI	\$10,000,000	\$9,014,688	\$14,061,936	0.00%	\$16,271 as of 12/31/23
	Hamilton Lane VIII	\$6,500,000	\$5,118,377	\$4,141,000	0.17%	\$3,069,916 as of 03/31/24
	Landmark Equity Partners XV	\$10,000,000	\$8,027,332	\$9,411,630	0.10%	\$1,856,101 as of 03/31/24
	Lexington Capital VIII	\$20,000,000	\$18,644,762	\$20,046,586	0.59%	10,721,730 as of $03/31/24$
	PRIM Private Equity 2015	\$33,000,000	\$34,347,673	\$47,721,625	2.07%	\$37,677,282
	PRIM Private Equity 2016	\$22,000,000	\$20,599,828	\$18,149,347	1.13%	\$20,534,888
	PRIM Private Equity 2017	\$41,000,000	\$40,245,902	\$21,272,416	2.84%	\$51,725,605
	PRIM Private Equity 2018	\$31,000,000	\$30,120,409	\$11,323,502	2.21%	\$40,273,551
	PRIM Private Equity 2019	\$28,000,000	\$25,004,827	\$8,132,253	1.80%	\$32,699,532
	PRIM Private Equity 2020	\$46,000,000	\$37,542,615	\$1,457,253	2.47%	\$44,908,900
	PRIM Private Equity 2021	\$37,000,000	\$25,941,412	\$987,538	1.51%	\$27,501,810
	PRIM Private Equity 2022	\$17,000,000	\$6,438,754	\$1,575	0.38%	\$7,008,993
	PRIM Private Equity 2023	\$15,000,000	\$1,613,739	\$285	0.10%	\$1,866,766
	PRIM Private Equity 2024	\$50,000,000	\$553,704	\$6,898	0.03%	\$544,697
PRIVATE EQUITY TOTAL 13.00% \$236,726,634	PRIVATE EQUITY TOTAL	\$378,000,000	\$273,542,332	\$166,702,624	15.80%	\$287,782,732 2.80%
	IFM				4.55%	\$82,915,038
Infrastructure 5.00% \$91,048,705	Infrastructure				4.55%	\$82,915,038 -0.45%
	Hancock Timberland X	\$18,500,000	\$14,786,415	\$3,954,423	1.08%	\$19,699,094 as of 03/31/24
	Hancock Timber & Farmland	\$45,000,000	4-1,100,110	40,000,000	2.58%	\$46,926,864
	Campbell Global Timber Fund	\$15,000,000	\$20,255,907	\$8,734,480	0.64%	\$11,716,436 as of 03/31/24
Farmland/Timber 4.00% \$72,838,964	Farmland/Timber	\$78,500,000	\$35,042,322	\$12,688,903	4.30%	\$78,342,394 0.30%
REAL ASSETS TOTAL 9.00% \$163,887,669	REAL ASSETS TOTAL	_	_	_	8.86%	\$161,257,432 -0.14%
				<u> </u>		
CASH	Internal Account				0.09%	\$1,583,908
CASH TOTAL 0.00% \$0	CASH TOTAL				0.09%	\$1,583,908
TOTAL 100% \$1,820,974,105	TOTAL				100%	\$1,820,974,105

<sup>\*</sup>Rhumbline & Garcia which is a minority owned business is approximately 32% of the total fund.

Note: The total committed amount to Private Equity is \$378M which is approximately 21% of the Fund

Note: The total contributed amount into Private Equity was approximately \$274M which is 15% of the Fund

Note: The PRIT commitment amount is based on the adjusted commitment reported by PRIT and not the original committed amount



City of Cambridge
Total Fund Assets As of June 30, 2024

	1		1	3	5	7	10
	Quarter	YTD	Year	Years	Years	Years	Years
Beginning Market Value	1,809,465,328	1,774,038,294	1,674,980,887	1,729,894,457	1,361,956,030	1,227,146,021	1,081,685,585
Net Cash Flows	-18,589,877	-40,374,363	-20,911,970	-68,792,955	-121,034,069	-166,503,236	-214,127,293
Net Investment Change	30,098,655	87,310,175	166,905,188	159,872,603	580,052,144	760,331,321	953,415,814
Ending Market Value	1,820,974,105	1,820,974,105	1,820,974,105	1,820,974,105	1,820,974,105	1,820,974,105	1,820,974,105
Performance (%)							
1 errormance (70)	1 7	F 0	10.2	2.0	7.6	7.5	7.0
	1.7	5.0	10.2	3.2	7.6	7.5	7.0

### Investment Managers Cash Flow 1 Quarter Ending June 30, 2024 Beginning Net Cash Net Investment Ending Market Value Flows Change Market Value (\$) (\$) (\$) (\$) **Total Fund Composite** 1.809.465.328 -18.589.877 1.820.974.105 30.098.655 11,371,250 525,015,738 **Domestic Equity** 527,315,970 -13,671,482 RhumbLine Russell 1000 Pooled Index Fund 411,289,673 -6,000,000 14,459,847 419,749,520 Mellon Russell 2000 Index 98,581,154 -7,500,000 -3,475,072 87,606,082 Cambridge Bancorp 17.445.143 -171,482 386.475 17,660,136 International Equity 185,398,313 -260,642 185, 137, 671 Rhumbline International Pooled Index Trust 127,825,844 -157.634 127,668,210 -103,008 Acadian Non-U.S. Equity 57,572,469 57,469,461 **Emerging Markets Equity** 170,727,843 8,980,024 179,707,867 Aberdeen 43,399,131 1,656,856 45,055,987 Mellon Emerging Markets Stock Index 4,202,891 82,134,002 86,336,893 **RBC Emerging Markets Equity** 45,194,709 3,120,278 48,314,987 Core Fixed Income 160,495,639 417.310 160,912,949 FIAM Broad Market Duration 58.421.184 215.033 58.636.218 Income Research Management 52,708,989 174.266 52,883,256 Garcia Hamilton 49.365.466 28.011 49.393.476 319.306 492.976 High Yield Fixed Income 87.148.236 87.960.518 Loomis Sayles High Yield 87.148.236 -87.577.840 429.604 63.372 87.960.518 Mesirow High Yield CIT Class L 87,897,146 **Emerging Markets Debt** 49.963.591 -313.403 49.650.188 Wellington Emerging Debt 24,487,402 -422.719 24,064,682 FIAM Emerging Markets Debt 25.476.189 -24.981.153 -495.037 Marathon Emerging Markets Bond 24.981.153 604.353 25.585.506 129.355.351 5.898 128.223.243 Real Estate -1.138.006 **UBS** Realty 51.520.965 -519.290 -465.740 50.535.934 JP Morgan SPF Fund 493.359 36,689,683 -340,49436,842,548 Landmark Real Estate Fund VI 15.695 93 15.788 286,907 286,907 Penn Square Global Real Estate II Rockwood Capital Real Estate Partners Fund IX, LP 1,687,837 1,687,837 Intercontinental Real Estate 36,872,258 -278,222 -34,849 36,559,187

Campbell Global Timber Fund

PineBridge Bank Loan

Internal Account

Bank Loan

### Investment Managers Cash Flow 1 Quarter Ending June 30, 2024 Beginning Net Cash Net Investment Ending Market Value Flows Change Market Value (\$) (\$) (\$) (\$) 2,282,006 2,295,041 PRIT Real Estate 13,035 Private Equity 284,193,255 -2,563,304 6,152,780 287,782,731 Ascent Venture V 3,158,167 3,158,167 BlackRock Vesey Street Fund V LP 4,254,800 -36,277 4,218,523 Hamilton Lane Private Equity Offshore Fund VI, LP 16,271 16,271 Hamilton Lane Private Equity Offshore Fund VIII, LP 3,069,916 3,069,916 Landmark Equity Partners XV, LP 1,856,101 1,856,101 -479.802 Lexington Capital Partners VIII, LP 11,201,532 10,721,730 38,222,635 -1,344,242 37,677,282 PRIT Fund Private Equity 2015 798,889 -1,438,302 PRIT Fund Private Equity 2016 21,005,813 967,377 20,534,888 PRIT Fund Private Equity 2017 53,055,559 -2,244,985 915,030 51,725,605 PRIT Fund Private Equity 2018 39,545,672 -419,614 1,147,493 40,273,551 PRIT Fund Private Equity 2019 32,229,615 195.464 274,453 32,699,532 42,354,108 1,259,901 1,294,891 44,908,900 PRIT Fund Private Equity 2020 PRIT Fund Private Equity 2021 27,501,810 26.093.235 970.792 437.783 168.280 PRIT Fund Private Equity 2022 6,284,318 556.395 7.008.993 PRIT Fund Private Equity 2023 1.580.379 147.056 139.331 1.866.766 PRIT Fund Private Equity 2024 265.135 9.253 544,697 270,309 Infrastructure 82.107.459 807.579 82.915.038 IFM Global Infrastructure (US), L.P. 807.579 82,107,459 82,915,038 1.684.779 Timber 77.054.108 -396.493 78.342.394 Hancock Timber X 19.809.518 -110.425 19.699.094 Hancock Timberland and Farmland Fund 45.528.154 -286.068 1.684.778 46.926.864

11.716.436

53.741.861

53,741,861

1,583,908

760.103

760.103

-1,139,897

11,716,436

52.981.758

52.981.758

2,723,805

Investment Managers Cash Flow			Year To Date E	nding June 30, 2
	Beginning Market Value (\$)	Net Cash Flows (\$)	Net Investment Change (\$)	Ending Market Value (\$)
Total Fund Composite	1,774,038,294	-40,374,363	87,310,175	1,820,974,105
Domestic Equity	488,419,663	-17,842,965	54,439,040	525,015,738
RhumbLine Russell 1000 Pooled Index Fund	372,971,898	-6,000,000	52,777,622	419,749,520
Mellon Russell 2000 Index	97,685,251	-11,500,000	1,420,830	87,606,082
Cambridge Bancorp	17,762,514	-342,965	240,587	17,660,136
nternational Equity	184,614,567	-10,500,000	11,023,104	185,137,671
Rhumbline International Pooled Index Trust	131,050,243	-10,500,000	7,117,968	127,668,210
Acadian Non-U.S. Equity	53,564,324		3,905,137	57,469,461
Emerging Markets Equity	168,422,738		11,285,128	179,707,867
Aberdeen	42,889,855		2,166,132	45,055,987
Mellon Emerging Markets Stock Index	80,535,678		5,801,215	86,336,893
RBC Emerging Markets Equity	44,997,205		3,317,782	48,314,987
Core Fixed Income	161,651,732		-738,783	160,912,949
FIAM Broad Market Duration	58,726,758		-90,540	58,636,218
Income Research Management	52,915,105		-31,849	52,883,256
Garcia Hamilton	50,009,870		-616,393	49,393,476
ligh Yield Fixed Income	86,074,226	319,306	1,566,986	87,960,518
Loomis Sayles High Yield	86,074,226	-87,577,840	1,503,614	
Mesirow High Yield CIT Class L		87,897,146	63,372	87,960,518
Emerging Markets Debt	49,931,233		-281,046	49,650,188
Wellington Emerging Debt	25,172,119		-1,107,437	24,064,682
FIAM Emerging Markets Debt	24,759,114	-24,981,153	222,039	
Marathon Emerging Markets Bond		24,981,153	604,353	25,585,506
Real Estate	135,119,349	-2,350,526	-4,545,581	128,223,243
UBS Realty	52,909,765	-1,038,581	-1,335,250	50,535,934
JP Morgan SPF Fund	39,201,338	-718,063	-1,640,727	36,842,548
Landmark Real Estate Fund VI	15,725		63	15,788
Penn Square Global Real Estate II	292,021		-5,114	286,907
Rockwood Capital Real Estate Partners Fund IX, LP	1,742,995		-55,158	1,687,837
Intercontinental Real Estate	38,617,106	-593,882	-1,464,037	36,559,187

Investment Managers Cash Flow			Year To Date E	nding June 30, 202
	Beginning Market Value (\$)	Net Cash Flows (\$)	Net Investment Change (\$)	Ending Market Value (\$)
PRIT Real Estate	2,340,400	. ,	-45,359	2,295,041
Private Equity	279,762,911	-4,984,322	13,004,142	287,782,731
Ascent Venture V	3,167,914		-9,747	3,158,167
BlackRock Vesey Street Fund V LP	4,202,459	-36,277	52,341	4,218,523
Hamilton Lane Private Equity Offshore Fund VI, LP	16,271			16,271
Hamilton Lane Private Equity Offshore Fund VIII, LP	3,163,214	-96,546	3,248	3,069,916
Landmark Equity Partners XV, LP	1,972,658		-116,557	1,856,101
Lexington Capital Partners VIII, LP	11,804,371	-1,035,790	-46,851	10,721,730
PRIT Fund Private Equity 2015	38,886,513	-2,732,778	1,523,546	37,677,282
PRIT Fund Private Equity 2016	19,875,235	-1,339,371	1,999,024	20,534,888
PRIT Fund Private Equity 2017	53,608,845	-3,647,872	1,764,633	51,725,605
PRIT Fund Private Equity 2018	39,273,338	-1,362,515	2,362,728	40,273,551
PRIT Fund Private Equity 2019	31,401,819	-208,196	1,505,909	32,699,532
PRIT Fund Private Equity 2020	41,042,876	1,614,448	2,251,577	44,908,900
PRIT Fund Private Equity 2021	24,671,000	1,747,465	1,083,345	27,501,810
PRIT Fund Private Equity 2022	5,448,636	1,185,434	374,923	7,008,993
PRIT Fund Private Equity 2023	1,227,764	382,720	256,282	1,866,766
PRIT Fund Private Equity 2024		544,957	-260	544,697
Infrastructure	83,019,222		-104,184	82,915,038
IFM Global Infrastructure (US), L.P.	83,019,222		-104,184	82,915,038
Timber	79,290,054	-867,848	-79,812	78,342,394
Hancock Timber X	20,241,837	-178,105	-364,638	19,699,094
Hancock Timberland and Farmland Fund	46,465,195	-689,743	1,151,412	46,926,864
Campbell Global Timber Fund	12,583,022		-866,586	11,716,436
Bank Loan	52,000,682		1,741,179	53,741,861
PineBridge Bank Loan	52,000,682		1,741,179	53,741,861
Internal Account	5,731,916	-4,148,008		1,583,908

	Allocation	on	Performance (%)							
	Market Value (\$)	% of Portfolio	Quarter	Year To Date	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Total Fund Composite	1,820,974,105	100.0	1.7	5.0	10.2	3.2	7.6	7.0	6.9	Jul-95
Policy Index			1.2	4.8	9.7	2.8	7.7	7.0	7.8	
Domestic Equity	525,015,738	28.8	2.3	11.4	21.4	5.7	12.4	10.9	9.5	Jan-96
Domestic Equity Blended Index*			2.1	11.4	20.7	5.7	12.6	10.9		
RhumbLine Russell 1000 Pooled Index Fund	419,749,520	23.1	3.6	14.2	23.8	8.7			14.8	Nov-19
Russell 1000 Index			3.6	14.2	23.9	8.7	14.6	12.5	14.9	
Mellon Russell 2000 Index	87,606,082	4.8	-3.2	1.8	10.2	-2.4			7.6	Nov-19
Russell 2000 Index			-3.3	1.7	10.1	-2.6	6.9	7.0	7.4	
Cambridge Bancorp	17,660,136	1.0	2.3	1.5	32.8	-2.5	0.1	8.0	8.9	Jan-96
Russell 2000 Index			-3.3	1.7	10.1	-2.6	6.9	7.0	8.2	
International Equity	185,137,671	10.2	-0.1	6.1	12.9	2.9	6.3	4.7	6.7	Jul-95
MSCI EAFE (Net)			-0.4	5.3	11.5	2.9	6.5	4.3	5.2	
Rhumbline International Pooled Index Trust	127,668,210	7.0	-0.1	5.6	11.9	3.2			6.6	Nov-19
MSCI EAFE (Net)			-0.4	5.3	11.5	2.9	6.5	4.3	6.4	
Acadian Non-U.S. Equity	57,469,461	3.2	-0.2	7.3	15.3					Apr-23
MSCI EAFE Index			-0.2	5.7	12.1	3.4	7.0	4.8	12.4	

	Allocati	on				Perforn	nance (%)			
	Market Value (\$)	% of Portfolio	Quarter	Year To Date	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Emerging Markets Equity	179,707,867	9.9	5.3	6.7	11.0	-6.4	1.6	1.4	3.7	Apr-07
MSCI EM (net)			5.0	7.5	12.5	-5.1	3.1	2.8	3.4	
Aberdeen	45,055,987	2.5	3.8	5.1	7.7	-8.5	2.1		6.3	Mar-16
MSCI EM (net)			5.0	7.5	12.5	-5.1	3.1	2.8	7.3	
Mellon Emerging Markets Stock Index	86,336,893	4.7	5.1	7.2	12.2	-5.4			3.2	Nov-19
MSCI Emerging Markets Index			5.1	7.7	13.0	-4.7	3.5	3.2	3.8	
RBC Emerging Markets Equity	48,314,987	2.7	6.9	7.4					12.4	Aug-23
MSCI EM (net)			5.0	7.5	12.5	-5.1	3.1	2.8	6.0	
Core Fixed Income	160,912,949	8.8	0.3	-0.5	2.7	-2.5	0.7	1.9	5.6	Jul-95
Blmbg. U.S. Aggregate			0.1	-0.7	2.6	-3.0	-0.2	1.3	4.3	
FIAM Broad Market Duration	58,636,218	3.2	0.4	-0.2	3.3	-2.5	1.0	2.2	3.8	Feb-04
Blmbg. U.S. Aggregate			0.1	-0.7	2.6	-3.0	-0.2	1.3	3.0	
Income Research Management	52,883,256	2.9	0.3	-0.1	3.6	-2.7	0.5	2.0	4.9	Jul-95
Blmbg. U.S. Gov't/Credit			0.0	-0.7	2.7	-3.1	-0.1	1.5	4.3	
Garcia Hamilton	49,393,476	2.7	0.1	-1.2	1.1				3.3	Oct-22
Blmbg. U.S. Aggregate			0.1	-0.7	2.6	-3.0	-0.2	1.3	3.8	
High Yield Fixed Income	87,960,518	4.8	0.4	1.7	9.2	0.7	3.2		4.8	Jun-16
FTSE High Yield Market Index			1.2	2.8	10.6	1.8	3.8	4.1	5.2	
Mesirow High Yield CIT Class L	87,960,518	4.8								Jul-24
Blmbg. U.S. Corp: High Yield			1.1	2.6	10.4	1.6	3.9	4.3		

	Allocation	on				Perform	nance (%)			
	Market Value (\$)	% of Portfolio	Quarter	Year To Date	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Emerging Markets Debt	49,650,188	2.7	-0.8	-0.7	6.3	-0.8	0.3		2.5	May-16
Emerging Markets Debt Hybrid			-0.7	-0.7	4.9	-2.9	-0.6		1.6	
Wellington Emerging Debt	24,064,682	1.3	-1.7	-4.4	1.1	-1.2	-0.2		2.0	Jun-16
JPM GBI-EM Global Diversified			-1.6	-3.7	0.7	-3.3	-1.3	-0.9	1.5	
Marathon Emerging Markets Bond	25,585,506	1.4							2.4	May-24
JPM EMBI Global Diversified			0.3	2.3	9.2	-2.6	0.0	2.6	2.4	
Real Estate	128,223,243	7.0	0.0	-3.4	-10.7	-0.6	0.7	4.8	7.8	Jan-96
NCREIF ODCE Equal Weighted			-0.5	-2.8	-9.3	1.8	3.3	6.6	7.9	
UBS Realty	50,535,934	2.8	-0.9	-2.6	-7.8	-0.7	-0.2	3.5	7.8	Jul-95
NCREIF ODCE Equal Weighted			-0.5	-2.8	-9.3	1.8	3.3	6.6	7.8	
JP Morgan SPF Fund	36,842,548	2.0	1.4	-4.2	-14.7	-0.7	1.3		2.0	Jul-18
NCREIF ODCE Equal Weighted			-0.5	-2.8	-9.3	1.8	3.3	6.6	3.9	
Intercontinental Real Estate	36,559,187	2.0	-0.1	-3.8	-10.6	-0.3	2.6		4.6	Apr-17
NCREIF ODCE Equal Weighted			-0.5	-2.8	-9.3	1.8	3.3	6.6	4.7	
PRIT Real Estate	2,295,041	0.1	0.6	-1.9	-6.0				-0.7	Jan-22
NCREIF ODCE Equal Weighted			-0.5	-2.8	-9.3	1.8	3.3	6.6	-3.3	
Infrastructure	82,915,038	4.6	1.0	-0.1	2.9	8.4	9.2		11.4	Sep-17
CPI + 3.5%			1.1	3.2	6.6	8.6	7.8	6.4	7.3	
IFM Global Infrastructure (US), L.P.	82,915,038	4.6	1.0	-0.1	2.9	8.4	9.2		11.4	Sep-17
CPI + 3.5%			1.1	3.2	6.6	8.6	7.8	6.4	7.3	

	Allocation	on				Perform	ance (%)			
	Market Value (\$)	% of Portfolio	Quarter	Year To Date	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Timber	78,342,394	4.3	2.2	-0.1	3.6	4.4	4.7	4.6	6.3	Mar-10
(50%) NCREIF Timberland Property Index/(50%) NCREIF Farmland Property Index			0.7	2.2	6.1	8.9	6.5	6.4	7.5	
Hancock Timberland and Farmland Fund	46,926,864	2.6	3.7	2.5	6.4	3.4	4.5		4.0	Jan-18
(50%) NCREIF Timberland Property Index/(50%) NCREIF Farmland Property Index			0.7	2.2	6.1	8.9	6.5	6.4	6.0	
Bank Loan	53,741,861	3.0	1.4	3.3	10.1	5.2			5.4	Aug-20
PineBridge Bank Loan	53,741,861	3.0	1.4	3.3	10.1	5.5			6.5	Aug-20
Morningstar LSTA US Leveraged Loan			1.9	4.4	11.1	6.1	5.5	4.6	7.1	
Internal Account	1,583,908	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	Jan-96
90 Day U.S. Treasury Bill			1.3	2.6	5.4	3.0	2.2	1.5	2.3	

<sup>\*</sup>The Domestic Equity Blend Index represents a passive portfolio based on active asset class exposure. It is often used to measure the benefits of manager selection.

## Private Equity Composite Overview

As of June 30, 2024

### **Cash Flow Summary**

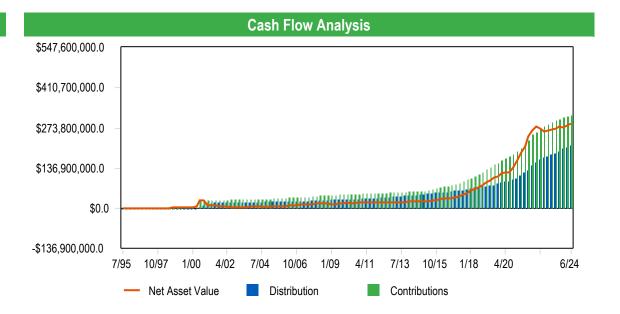
Capital Committed: \$399,000,000
Total Contributions: \$316,085,891
Remaining Capital Commitment: \$88,986,192

Total Distributions: \$213,785,253 Market Value: \$287,782,731

 Inception Date:
 07/01/1995

 Inception IRR:
 10.1

 TVPI:
 1.6



			Private E	quity Portfolio	<b>o</b>					
Partnerships	Investment Type	Vintage Year	Investment Strategy	Capital Committed (\$)	Total Contribution (\$)	Total Distribution (\$)	Market Value (\$)	IRR (%)	TVPI Multiple	DPI Multiple
Hamilton Lane Private Equity Offshore Fund VI, LP	Fund Of Funds	2007	Hybrid	10,000,000	9,014,688	14,061,936	16,271	8.2	1.6	1.6
Ascent Venture V	Partnership	2005	Venture Capital	5,000,000	4,850,000	4,513,301	3,158,167	6.0	1.6	0.9
Hamilton Lane Private Equity Offshore Fund VIII, LP	Fund Of Funds	2012	Diversified	6,500,000	5,118,377	4,141,000	3,069,916	5.8	1.4	8.0
BlackRock Vesey Street Fund V LP	Fund Of Funds	2012	Hybrid	6,500,000	5,478,310	5,475,479	4,218,523	8.8	1.8	1.0
Landmark Equity Partners XV, LP	Secondary	2013	Hybrid	10,000,000	8,027,332	9,411,630	1,856,101	12.2	1.4	1.2
Lexington Capital Partners VIII, LP	Fund Of Funds	2014	Secondaries	20,000,000	18,644,762	20,046,586	10,721,730	15.0	1.7	1.1
PRIT Fund Private Equity 2015	Fund Of Funds	2015	Hybrid	33,000,000	34,347,673	47,721,625	37,677,282	22.7	2.5	1.4
PRIT Fund Private Equity 2016	Fund Of Funds	2016	Hybrid	22,000,000	20,599,828	18,149,347	20,534,888	16.1	1.9	0.9
PRIT Fund Private Equity 2017	Fund Of Funds	2017	Hybrid	41,000,000	40,245,902	21,272,416	51,725,605	18.5	1.8	0.5
PRIT Fund Private Equity 2018	Fund Of Funds	2018	Hybrid	32,000,000	30,120,409	11,323,502	40,273,551	18.7	1.7	0.4
PRIT Fund Private Equity 2019	Fund Of Funds	2019	Hybrid	28,000,000	25,004,827	8,132,253	32,699,532	20.1	1.6	0.3
PRIT Fund Private Equity 2020	Fund Of Funds	2020	Hybrid	46,000,000	37,542,615	1,457,253	44,908,900	9.7	1.2	0.0
PRIT Fund Private Equity 2021	Fund Of Funds	2021	Hybrid	37,000,000	25,941,412	987,538	27,501,810	5.0	1.1	0.0
PRIT Fund Private Equity 2022	Fund Of Funds	2022	Hybrid	17,000,000	6,438,754	1,575	7,008,993	6.6	1.1	0.0
PRIT Fund Private Equity 2023	Fund Of Funds	2023	Hybrid	15,000,000	1,613,739	285	1,866,766	21.0	1.2	0.0

# City of Cambridge Private Equity Composite Overview As of June 30, 2024

				Capital	Total	Total	Market			
	Investment	Vintage	Investment	Committed	Contribution	Distribution	Value	IRR	TVPI	DPI
Partnerships	Type	Year	Strategy	(\$)	(\$)	(\$)	(\$)	(%)	Multiple	Multiple
PRIT Fund Private Equity 2024	Fund Of Funds	2024	Hybrid	50,000,000	553,704	6,898	544,697	-0.4	1.0	0.0
Private Equity				399,000,000	316,085,891	213,785,253	287,782,731	10.1	1.6	0.7

# City of Cambridge Comparative Performance - IRR

	Market Value		1	Year To	1	3	5	7	Since	Inception
	(\$)	%	Quarter	Date	Year	Years	Years	Years	Inception	Date
Private Equity	287,782,731	15.8	2.2	4.6	8.7	9.6	16.6	15.8	14.5	03/31/2009
Ascent Venture IIIº		0.0					-25.6	-21.2	3.6	11/23/1999
Ascent Venture IV <sup>1</sup>		0.0				-25.2	-7.0	-46.8	-27.2	07/22/2004
Ascent Venture V	3,158,167	0.2	0.0	-0.3	-0.9	-4.6	0.2	-0.8	6.0	09/22/2008
BlackRock Vesey Street Fund II LP <sup>2</sup>		0.0				9.4	-5.1	-7.6	10.3	02/19/2004
BlackRock Vesey Street Fund V LP	4,218,523	0.2	0.0	1.2	2.1	3.3	11.1	11.3	8.8	05/23/2013
Hamilton Lane Private Equity Offshore Fund VI, LP	16,271	0.0	0.0	0.0	-54.2	-5.9	-3.5	0.6	8.2	12/18/2007
Hamilton Lane Private Equity Offshore Fund VIII, LP	3,069,916	0.2	0.0	-0.2	-3.2	0.6	4.6	5.3	5.8	04/25/2013
Hancock Timber X	19,699,094	1.1	0.0	-1.8	4.0	8.4	6.3	6.4	7.2	05/03/2010
Campbell Global Timber Fund	11,716,436	0.6	0.0	-6.9	-6.7	-3.5	0.3		0.4	06/12/2018
AEW Partners V		0.0								
Rockwood Capital Real Estate Partners Fund IX, LP	1,687,837	0.1	0.0	-3.2	-12.3	-4.2	-8.8	-0.4	9.2	06/05/2013
Landmark Real Estate Fund VI	15,788	0.0	0.6	0.4	-2.2	-30.5	-21.3	-11.9	18.3	05/19/2010
Landmark Equity Partners XV, LP	1,856,101	0.1	0.0	-5.9	-5.8	-1.7	9.2	10.3	12.2	02/10/2015
Penn Square Global Real Estate II	286,907	0.0	0.0	-1.8	-6.3	-6.8	-5.9	-3.7	11.9	06/25/2010
Lexington Capital Partners VIII, LP	10,721,730	0.6	0.0	-0.8	0.4	3.8	11.6	12.3	15.0	04/27/2015
PRIT Fund Private Equity 2015	37,677,282	2.1	2.1	4.0	9.3	7.2	23.1	24.4	22.7	04/01/2015
PRIT Fund Private Equity 2016	20,534,888	1.1	4.8	10.2	11.5	9.5	20.3	16.8	16.1	04/01/2016
PRIT Fund Private Equity 2017	51,725,605	2.8	1.8	3.4	10.5	14.1	19.5	18.6	18.5	05/01/2017
PRIT Fund Private Equity 2018	40,273,551	2.2	2.9	6.1	10.8	14.1	19.7		18.7	06/01/2018
PRIT Fund Private Equity 2019	32,699,532	1.8	0.8	4.7	4.8	14.2	20.2		20.1	04/01/2019
PRIT Fund Private Equity 2020	44,908,900	2.5	3.0	5.4	10.7	8.4			9.7	03/02/2020
PRIT Fund Private Equity 2021	27,501,810	1.5	1.6	4.2	10.4	5.1			5.0	04/01/2021
PRIT Fund Private Equity 2022	7,008,993	0.4	2.5	6.0	10.2				6.6	03/01/2022
PRIT Fund Private Equity 2023	1,866,766	0.1	8.5	17.6	22.7				21.0	04/03/2023
PRIT Fund Private Equity 2024	544,697	0.0	1.4						-0.4	03/01/2024

<sup>As of periods ending 05/31/2021
As of periods ending 02/28/2022
As of periods ending 06/30/2022</sup> 

# City of Cambridge Total Fund Allocation and Performance - Net of Fees

	Allocation	on			Р	erformance (	%)		
	Market Value (\$)	% of Portfolio	Quarter	Year To Date	1 Year	3 Years	5 Years	10 Years	Since Inception
Total Fund Composite	1,820,974,105	100.0							
Policy Index			1.2	4.8	9.7	2.8	7.7	7.0	7.8
Domestic Equity	525,015,738	28.8							
Domestic Equity Blended Index*			2.1	11.4	20.7	5.7	12.6	10.9	
RhumbLine Russell 1000 Pooled Index Fund	419,749,520	23.1	3.6	14.2	23.8	8.7			14.8
Russell 1000 Index			3.6	14.2	23.9	8.7	14.6	12.5	14.9
Mellon Russell 2000 Index	87,606,082	4.8	-3.2	1.8	10.2	-2.4			7.6
Russell 2000 Index			-3.3	1.7	10.1	-2.6	6.9	7.0	7.4
Cambridge Bancorp	17,660,136	1.0	2.3	1.5	32.8	-2.5	0.1	8.0	6.6
Russell 2000 Index			-3.3	1.7	10.1	-2.6	6.9	7.0	7.3
International Equity	185,137,671	10.2							
MSCI EAFE (Net)			-0.4	5.3	11.5	2.9	6.5	4.3	5.2
Rhumbline International Pooled Index Trust	127,668,210	7.0	-0.1	5.6	11.9	3.2			6.6
MSCI EAFE (Net)			-0.4	5.3	11.5	2.9	6.5	4.3	6.4
Acadian Non-U.S. Equity	57,469,461	3.2	-0.2	7.3	15.3				13.5
MSCI EAFE Index			-0.2	5.7	12.1	3.4	7.0	4.8	10.6

# City of Cambridge Total Fund Allocation and Performance - Net of Fees

	Allocation	on			Р	erformance (	%)		
	Market Value (\$)	% of Portfolio	Quarter	Year To Date	1 Year	3 Years	5 Years	10 Years	Since Inception
Emerging Markets Equity	179,707,867	9.9							
MSCI EM (net)			5.0	7.5	12.5	-5.1	3.1	2.8	3.4
Aberdeen	45,055,987	2.5	3.8	5.1	7.2	-9.2	1.2		5.4
MSCI EM (net)			5.0	7.5	12.5	-5.1	3.1	2.8	7.3
Mellon Emerging Markets Stock Index	86,336,893	4.7	5.1	7.2	12.2	-5.4			3.2
MSCI Emerging Markets Index			5.1	7.7	13.0	-4.7	3.5	3.2	3.8
RBC Emerging Markets Equity	48,314,987	2.7	6.9	7.4					12.4
MSCI EM (net)			5.0	7.5	12.5	-5.1	3.1	2.8	6.0
Core Fixed Income	160,912,949	8.8							
Blmbg. U.S. Aggregate			0.1	-0.7	2.6	-3.0	-0.2	1.3	4.3
FIAM Broad Market Duration	58,636,218	3.2	0.4	-0.2	3.3	-2.5	0.8	2.1	3.6
Blmbg. U.S. Aggregate			0.1	-0.7	2.6	-3.0	-0.2	1.3	3.0
Income Research Management	52,883,256	2.9	0.3	-0.1	3.6	-2.8	0.3	1.7	4.4
Blmbg. U.S. Gov't/Credit			0.0	-0.7	2.7	-3.1	-0.1	1.5	4.0
Garcia Hamilton	49,393,476	2.7	0.0	-1.3	0.9				3.1
Blmbg. U.S. Aggregate			0.1	-0.7	2.6	-3.0	-0.2	1.3	3.8
High Yield Fixed Income	87,960,518	4.8							
FTSE High Yield Market Index			1.2	2.8	10.6	1.8	3.8	4.1	5.2
Mesirow High Yield CIT Class L	87,960,518	4.8							
Blmbg. U.S. Corp: High Yield			1.1	2.6	10.4	1.6	3.9	4.3	

# City of Cambridge Total Fund Allocation and Performance - Net of Fees

	Allocation	on	Performance (%)									
	Market Value (\$)	% of Portfolio	Quarter	Year To Date	1 Year	3 Years	5 Years	10 Years	Since Inception			
Emerging Markets Debt	49,650,188	2.7										
Emerging Markets Debt Hybrid			-0.7	-0.7	4.9	-2.9	-0.6		1.6			
Wellington Emerging Debt	24,064,682	1.3	-1.7	-4.4	0.9	-1.6	-0.7		1.5			
JPM GBI-EM Global Diversified			-1.6	-3.7	0.7	-3.3	-1.3	-0.9	1.5			
Marathon Emerging Markets Bond	25,585,506	1.4							2.4			
JPM EMBI Global Diversified			0.3	2.3	9.2	-2.6	0.0	2.6	2.4			
Real Estate	128,223,243	7.0										
NCREIF ODCE Equal Weighted			-0.5	-2.8	-9.3	1.8	3.3	6.6	7.9			
UBS Realty	50,535,934	2.8	-1.1	-2.9	-8.4	-1.4	-0.9	2.6	5.2			
NCREIF ODCE Equal Weighted			-0.5	-2.8	-9.3	1.8	3.3	6.6	7.0			
JP Morgan SPF Fund	36,842,548	2.0	1.4	-4.2	-14.7	-0.7	1.3		1.9			
NCREIF ODCE Equal Weighted			-0.5	-2.8	-9.3	1.8	3.3	6.6	3.9			
Intercontinental Real Estate	36,559,187	2.0	-0.3	-4.2	-11.4	-1.1	1.8		3.6			
NCREIF ODCE Equal Weighted			-0.5	-2.8	-9.3	1.8	3.3	6.6	4.7			
PRIT Real Estate	2,295,041	0.1	0.6	-1.9	-6.0				-0.7			
NCREIF ODCE Equal Weighted			-0.5	-2.8	-9.3	1.8	3.3	6.6	-3.3			
Infrastructure	82,915,038	4.6										
CPI + 3.5%			1.1	3.2	6.6	8.6	7.8	6.4	7.3			
IFM Global Infrastructure (US), L.P.	82,915,038	4.6	1.0	-0.1	2.9	8.4	9.2		11.4			
CPI + 3.5%			1.1	3.2	6.6	8.6	7.8	6.4	7.3			

## Total Fund Allocation and Performance - Net of Fees

	Allocation	on	Performance (%)									
	Market Value	% of		Year To	1	3	5	10	Since			
	(\$)	Portfolio	Quarter	Date	Year	Years	Years	Years	Inception			
Timber	78,342,394	4.3										
(50%) NCREIF Timberland Property Index/(50%) NCREIF Farmland Property Index			0.7	2.2	6.1	8.9	6.5	6.4	7.5			
Hancock Timberland and Farmland Fund	46,926,864	2.6	3.7	2.5	6.4	3.4	4.5		4.0			
(50%) NCREIF Timberland Property Index/(50%) NCREIF Farmland Property Index			0.7	2.2	6.1	8.9	6.5	6.4	6.0			
Bank Loan	53,741,861	3.0										
PineBridge Bank Loan	53,741,861	3.0	1.4	3.3	10.1	5.5			6.5			
Morningstar LSTA US Leveraged Loan			1.9	4.4	11.1	6.1	5.5	4.6	7.1			
Internal Account	1,583,908	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5			
90 Day U.S. Treasury Bill			1.3	2.6	5.4	3.0	2.2	1.5	1.7			

<sup>\*</sup>The Domestic Equity Blend Index represents a passive portfolio based on active asset class exposure. It is often used to measure the benefits of manager selection.

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Total Fund Composite	10.6	-10.3	17.3	11.6	16.6	-3.6	17.0	8.7	-0.2	6.7	20.8
Policy Index	11.7	-10.8	14.1	15.3	16.9	-2.5	15.7	8.4	-0.2	6.5	19.3
Domestic Equity	22.3	-19.1	24.1	19.4	30.6	-7.1	21.6	11.5	-0.5	10.9	36.4
Domestic Equity Blended Index	23.9	-19.5	23.1	20.7	30.9	-6.7	20.1	12.9	-0.9	10.7	35.7
RhumbLine Russell 1000 Pooled Index Fund	26.5	-19.1	26.4	21.0							
Russell 1000 Index	26.5	-19.1	26.5	21.0	31.4	-4.8	21.7	12.1	0.9	13.2	33.1
Mellon Russell 2000 Index	17.1	-20.3	15.1	20.3							
Russell 2000 Index	16.9	-20.4	14.8	20.0	25.5	-11.0	14.6	21.3	-4.4	4.9	38.8
Cambridge Bancorp	-12.6	-8.5	37.9	-9.7	-1.2	6.7	31.5	36.3	6.0	20.6	13.8
Russell 2000 Index	16.9	-20.4	14.8	20.0	25.5	-11.0	14.6	21.3	-4.4	4.9	38.8
International Equity	17.9	-14.0	11.3	6.4	21.3	-13.4	26.2	2.8	0.0	-4.2	25.6
MSCI EAFE (Net)	18.2	-14.5	11.3	7.8	22.0	-13.8	25.0	1.0	-0.8	-4.9	22.8
Rhumbline International Pooled Index Trust	18.5	-14.1	11.6	7.9							
MSCI EAFE (Net)	18.2	-14.5	11.3	7.8	22.0	-13.8	25.0	1.0	-0.8	-4.9	22.8
Acadian Non-U.S. Equity											
MSCI EAFE Index	18.9	-14.0	11.8	8.3	22.7	-13.4	25.6	1.5	-0.4	-4.5	23.3

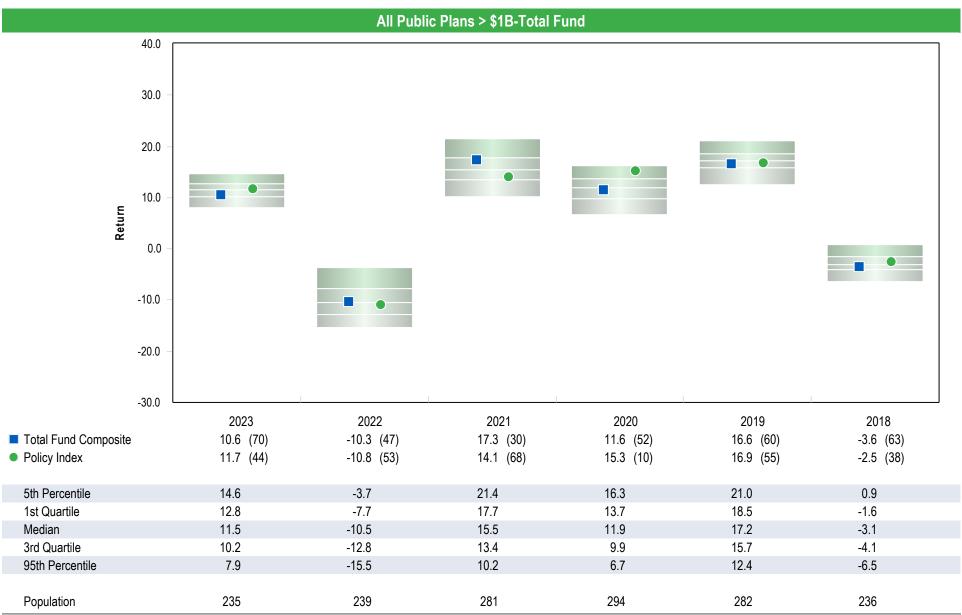
	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Emerging Markets Equity	9.2	-23.4	-0.4	14.6	20.2	-15.3	29.7	18.7	-19.0	-3.2	0.6
MSCI EM (net)	9.8	-20.1	-2.5	18.3	18.4	-14.6	37.3	11.2	-14.9	-2.2	-2.6
Aberdeen	7.7	-25.0	-3.7	28.7	21.5	-13.7	31.2				
MSCI EM (net)	9.8	-20.1	-2.5	18.3	18.4	-14.6	37.3	11.2	-14.9	-2.2	-2.6
Mellon Emerging Markets Stock Index	9.8	-20.6	-2.4	18.3							
MSCI Emerging Markets Index	10.3	-19.7	-2.2	18.7	18.9	-14.2	37.8	11.6	-14.6	-1.8	-2.3
RBC Emerging Markets Equity											
MSCI EM (net)	9.8	-20.1	-2.5	18.3	18.4	-14.6	37.3	11.2	-14.9	-2.2	-2.6
Core Fixed Income	6.0	-12.5	-0.8	10.3	9.8	-0.1	4.4	3.9	0.2	5.6	1.1
Blmbg. U.S. Aggregate	5.5	-13.0	-1.5	7.5	8.7	0.0	3.5	2.6	0.5	6.0	-2.0
FIAM Broad Market Duration	6.5	-13.1	-0.3	10.6	9.8	-0.1	4.3	4.6	0.2	6.5	-1.2
Blmbg. U.S. Aggregate	5.5	-13.0	-1.5	7.5	8.7	0.0	3.5	2.6	0.5	6.0	-2.0
Income Research Management	6.3	-13.5	-1.3	10.1	9.7	-0.2	4.5	3.6	0.4	6.9	-1.7
Blmbg. U.S. Gov't/Credit	5.7	-13.6	-1.7	8.9	9.7	-0.4	4.0	3.0	0.1	6.0	-2.4
Garcia Hamilton	5.2										
Blmbg. U.S. Aggregate	5.5	-13.0	-1.5	7.5	8.7	0.0	3.5	2.6	0.5	6.0	-2.0
High Yield Fixed Income	12.2	-11.5	4.4	8.0	12.5	-2.9	8.1				
FTSE High Yield Market Index	13.5	-11.0	5.4	6.3	14.1	-2.1	7.0	17.8	-5.6	1.8	7.2
Mesirow High Yield CIT Class L											
Blmbg. U.S. Corp: High Yield	13.4	-11.2	5.3	7.1	14.3	-2.1	7.5	17.1	-4.5	2.5	7.4

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Emerging Markets Debt	13.9	-11.6	-4.2	2.8	12.3	-6.3	13.0				
Emerging Markets Debt Hybrid	11.9	-14.8	-5.3	4.0	14.3	-5.2	12.7				
Wellington Emerging Debt	15.2	-8.7	-7.9	2.2	14.1	-8.1	15.5				
JPM GBI-EM Global Diversified	12.7	-11.7	-8.7	2.7	13.5	-6.2	15.2	9.9	-14.9	-5.7	-9.0
Marathon Emerging Markets Bond											
JPM EMBI Global Diversified	11.1	-17.8	-1.8	5.3	15.0	-4.3	10.3	10.2	1.2	7.4	-5.2
Real Estate	-15.0	5.9	18.7	-1.8	2.5	7.1	8.8	8.2	14.1	13.3	12.4
NCREIF ODCE Equal Weighted	-12.0	7.5	22.6	1.6	6.1	8.3	7.8	9.3	15.2	12.4	13.4
UBS Realty	-15.0	6.0	16.4	-3.9	-2.1	7.0	6.3	7.2	12.9	11.7	10.4
NCREIF ODCE Equal Weighted	-12.0	7.5	22.6	1.6	6.1	8.3	7.8	9.3	15.2	12.4	13.4
JP Morgan SPF Fund	-15.0	4.4	20.7	1.4	4.4						
NCREIF ODCE Equal Weighted	-12.0	7.5	22.6	1.6	6.1	8.3	7.8	9.3	15.2	12.4	13.4
Intercontinental Real Estate	-15.9	8.2	21.1	1.8	9.1	10.2					
NCREIF ODCE Equal Weighted	-12.0	7.5	22.6	1.6	6.1	8.3	7.8	9.3	15.2	12.4	13.4
PRIT Real Estate	-6.3	7.0									
NCREIF ODCE Equal Weighted	-12.0	7.5	22.6	1.6	6.1	8.3	7.8	9.3	15.2	12.4	13.4
Infrastructure	8.4	8.2	17.7	3.8	16.2	18.2					
CPI + 3.5%	6.9	10.1	10.9	4.9	5.9	5.6	5.7	5.6	4.2	4.2	5.1
IFM Global Infrastructure (US), L.P.	8.4	8.2	17.7	3.8	16.2	18.2					
CPI + 3.5%	6.9	10.1	10.9	4.9	5.9	5.6	5.7	5.6	4.2	4.2	5.1

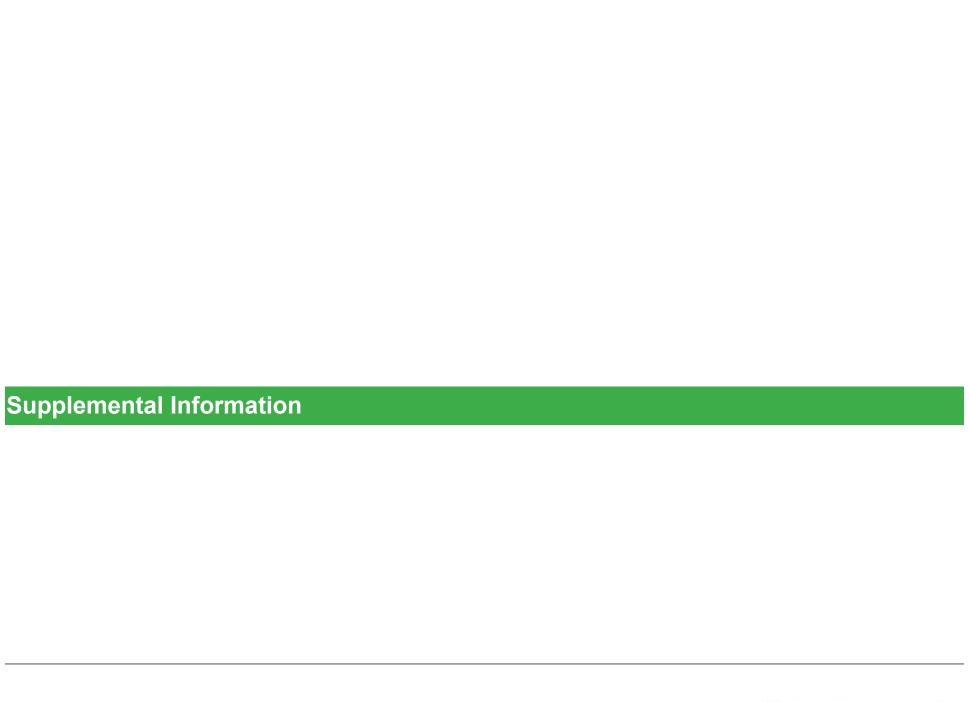
	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Timber	3.4	5.2	8.0	5.9	3.7	2.0	10.6	2.7	3.6	5.5	11.3
(50%) NCREIF Timberland Property Index/(50%) NCREIF Farmland Property Index	7.2	11.2	8.5	1.9	3.0	5.0	4.9	4.8	7.6	11.6	15.2
Hancock Timberland and Farmland Fund	4.1	1.6	6.0	3.8	5.5	2.4					
(50%) NCREIF Timberland Property Index/(50%) NCREIF Farmland Property Index	7.2	11.2	8.5	1.9	3.0	5.0	4.9	4.8	7.6	11.6	15.2
Bank Loan	13.1	-1.0	1.8								
PineBridge Bank Loan	13.1	-1.0	4.9								
Morningstar LSTA US Leveraged Loan	13.3	-0.8	5.2	3.1	8.6	0.4	4.1	10.2	-0.7	1.6	5.3
Internal Account	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90 Day U.S. Treasury Bill	5.0	1.5	0.0	0.7	2.3	1.9	0.9	0.3	0.0	0.0	0.0

### Total Fund Composite As of June 30, 2024





Parentheses contain percentile rankings. Calculation based on quarterly periodicity.



From Date	To Date	Benchmark
Total Fund Com	posite	
10/01/2023	Present	20.0% Russell 1000 Index, 6.0% Russell 2000 Index, 10.0% MSCI EAFE Index, 10.0% MSCI Emerging Markets Index, 12.0% Blmbg. U.S. Aggregate, 5.0% Blmbg. U.S. High Yield - 2% Issuer Cap, 3.0% Emerging Markets Debt Hybrid, 9.0% NCREIF Property Index, 13.0% CA US Private Equity Index, 4.0% (50%) NCREIF Timberland Property Index/(50%) NCREIF Farmland Property Index, 5.0% CPI + 3.5%, 3.0% Morningstar LSTA US Leveraged Loan
01/01/2021	10/01/2023	20.0% Russell 1000 Index, 8.0% Russell 2000 Index, 10.0% MSCI EAFE Index, 10.0% MSCI Emerging Markets Index, 7.0% Blmbg. U.S. Aggregate, 4.0% Blmbg. U.S. High Yield - 2% Issuer Cap, 3.0% FTSE World Government Bond Index, 3.0% Emerging Markets Debt Hybrid, 10.0% NCREIF Property Index, 10.0% CA US Private Equity Index, 3.0% (50%) NCREIF Timberland Property Index/(50%) NCREIF Farmland Property Index, 5.0% HFRI FOF: Diversified Index, 4.0% CPI + 3.5%, 3.0% Morningstar LSTA US Leveraged Loan
01/01/2020	01/01/2021	20.0% Russell 1000 Index, 8.0% Russell 2000 Index, 10.0% MSCI EAFE Index, 10.0% MSCI Emerging Markets Index, 7.0% Blmbg. U.S. Aggregate, 4.0% Blmbg. U.S. High Yield - 2% Issuer Cap, 3.0% FTSE World Government Bond Index, 3.0% Emerging Markets Debt Hybrid, 11.0% NCREIF Property Index, 10.0% CA US Private Equity Index, 3.0% (50%) NCREIF Timberland Property Index/(50%) NCREIF Farmland Property Index, 5.0% HFRI FOF: Diversified Index, 3.0% CPI + 3.5%, 3.0% Morningstar LSTA US Leveraged Loan
09/01/2017	01/01/2020	25.0% Russell 3000 Index, 9.0% MSCI EAFE Index, 10.0% MSCI Emerging Markets Index, 10.0% Blmbg. U.S. Aggregate, 5.0% Blmbg. U.S. High Yield - 2% Issuer Cap, 5.0% FTSE World Government Bond Index, 3.0% Emerging Markets Debt Hybrid, 10.0% NCREIF Property Index, 8.0% CA US Private Equity Index, 2.5% (50%) NCREIF Timberland Property Index/(50%) NCREIF Farmland Property Index, 9.0% HFRI FOF: Diversified Index, 3.5% CPI + 3.5%
10/01/2016	09/01/2017	34.0% Russell 3000 Index, 9.0% MSCI EAFE (Net), 10.0% MSCI Emerging Markets Index, 10.0% Blmbg. U.S. Aggregate, 5.0% Credit Suisse High Yield, 5.0% FTSE Non-U.S. World Government Bond, 3.0% Emerging Markets Debt Hybrid, 9.0% HFRI FOF: Diversified Index, 2.5% FTSE 10 Year Treasury OTR, 2.5% (50%) NCREIF Timberland Property Index/(50%) NCREIF Farmland Property Index, 10.0% NCREIF Property Index
01/01/2011	10/01/2016	26.0% S&P 500, 5.0% Russell Midcap Value Index, 5.0% Russell 2000 Index, 10.0% Russell 2500 Index, 12.0% MSCI EAFE (Net), 5.0% MSCI Emerging Markets Index, 10.0% Blmbg. U.S. Aggregate, 5.0% Credit Suisse High Yield, 5.0% FTSE Non-U.S. World Government Bond, 10.0% NCREIF Property Index, 7.0% HFRI FOF: Diversified Index
07/01/2006	01/01/2011	26.0% S&P 500, 9.0% Russell Midcap Index, 9.0% Russell 2000 Index, 15.0% MSCI EAFE (Net), 3.0% MSCI Emerging Markets Index, 13.0% Blmbg. U.S. Aggregate, 5.0% Credit Suisse High Yield, 3.0% FTSE Non-U.S. World Government Bond, 10.0% NCREIF Property Index, 7.0% HFRI FOF: Diversified Index
10/01/2005	07/01/2006	40.0% S&P 500, 5.0% Russell Midcap Index, 8.0% Russell 2000 Index, 10.0% MSCI EAFE (Net), 25.0% Blmbg. U.S. Aggregate, 5.0% Credit Suisse High Yield, 7.0% NCREIF Property Index
07/01/2000	10/01/2005	37.0% S&P 500, 5.0% Russell Midcap Index, 8.0% Russell 2000 Index, 10.0% MSCI EAFE (Net), 30.0% Blmbg. U.S. Aggregate, 5.0% Credit Suisse High Yield, 5.0% NCREIF Property Index
01/01/1979	07/01/2000	40.0% S&P 500, 10.0% Russell 2000 Index, 10.0% MSCI EAFE (Net), 35.0% Blmbg. U.S. Gov't/Credit, 5.0% 90 Day U.S. Treasury Bill
Domestic Equity	1	
01/01/1996	Present	Russell 3000 Index
RhumbLine Rus	sell 1000 Pooled	I Index Fund
11/01/2019	Present	Russell 1000 Index
Mellon Russell 2	2000 Index	
11/01/2019	Present	Russell 2000 Index

From Date	To Date	Benchmark
Cambridge Band	corp	
01/01/1996	Present	Russell 2000 Index
International Eq	uity	
07/01/1995	Present	MSCI EAFE (Net)
Rhumbline Inter	national Pooled I	ndex Trust
11/01/2019	Present	MSCI EAFE (Net)
Acadian Non-U.	S. Equity	
05/01/2023	Present	MSCI EAFE Index
Emerging Marke	ts Equity	
04/01/2007	Present	MSCI EM (net)
Lazard		
04/01/2007	Present	MSCI EM (net)
Aberdeen		
03/01/2016	Present	MSCI EM (net)
Mellon Emergin	g Markets Stock I	ndex
11/01/2019	Present	MSCI Emerging Markets Index
RBC Emerging I	Markets Equity	
08/01/2023	Present	MSCI EM (net)
Core Fixed Inco	me	
07/01/1995	Present	Blmbg. U.S. Aggregate
FIAM Broad Mar		
02/01/2004	Present	Blmbg. U.S. Aggregate
Income Research	_	
07/01/1995	Present	Blmbg. U.S. Gov't/Credit
Garcia Hamilton		
10/01/2022	Present	Blmbg. U.S. Aggregate
High Yield Fixed		
06/01/2016	Present	FTSE High Yield Market Index
Mesirow High Y		
07/01/2024	Present	Blmbg. U.S. Corp: High Yield
Emerging Market	ts Debt	

From Date	To Date	Benchmark
05/01/2016	Present	50.0% JPM GBI-EM Global Diversified, 50.0% JPM EMBI Global Diversified
Wellington Eme	rging Debt	
06/01/2016	Present	JPM GBI-EM Global Diversified
Marathon Emerg	ging Markets Bon	d
05/01/2024	Present	JPM EMBI Global Diversified
Real Estate		
01/01/1996	Present	NCREIF ODCE Equal Weighted
<b>UBS Realty</b>		
07/01/1995	Present	NCREIF ODCE Equal Weighted
JP Morgan SPF		
07/01/2018	Present	NCREIF ODCE Equal Weighted
AEW Partners V		
08/01/2005	Present	NCREIF Property Index
Landmark Real		
05/01/2010	Present	NCREIF Property Index
•	obal Real Estate I	
06/01/2010	Present	NCREIF Property Index
-		ertners Fund IX, LP
06/01/2013	Present	NCREIF Property Index
Intercontinental		NODELE ODGE E
04/01/2017	Present	NCREIF ODCE Equal Weighted
PRIT Real Estate		NODELE ODGE E TIME LE L
01/01/2022	Present	NCREIF ODCE Equal Weighted
Private Equity	Danasat	00 Paul II 0 Taranas Bill
01/01/1996	Present	90 Day U.S. Treasury Bill
Ascent Venture		100 00/ COR 500
01/01/1926	Present	100.0% S&P 500
Ascent Venture 01/01/1926	Present	100.0% S&P 500
Ascent Venture		100.0 /0 SQL 300
Ascent venture	V	

From Date	To Date	Benchmark	
01/01/1926	Present	100.0% S&P 500	
BlackRock Vese	y Street Fund II	ILP	
01/01/1926	Present	100.0% S&P 500	
BlackRock Vese	y Street Fund V	/LP	
05/01/2013	Present	90 Day U.S. Treasury Bill	
Hamilton Lane F	Private Equity Of	Offshore Fund VIII, LP	
01/01/1926	Present	100.0% S&P 500	
Hamilton Lane F	Private Equity Of	Offshore Fund VI, LP	
01/01/1926	Present	100.0% S&P 500	
Landmark Equit	y Partners XV, L	LP	
02/01/2015	Present	NCREIF Property Index	
Lexington Capit	al Partners VIII, I	LP	
01/01/1926	Present	100.0% S&P 500	
PRIT Fund Priva	ate Equity 2015		
04/01/2015	Present	90 Day U.S. Treasury Bill	
PRIT Fund Priva	ate Equity 2016		
04/01/2016	Present	90 Day U.S. Treasury Bill	
PRIT Fund Priva	ate Equity 2017		
05/01/2017	Present	90 Day U.S. Treasury Bill	
PRIT Fund Priva	te Equity 2018		
06/01/2018	Present	90 Day U.S. Treasury Bill	
PRIT Fund Priva	• •		
04/01/2019	Present	90 Day U.S. Treasury Bill	
PRIT Fund Priva			
03/01/2020	Present	90 Day U.S. Treasury Bill	
PRIT Fund Priva			
04/01/2021	Present	90 Day U.S. Treasury Bill	
PRIT Fund Priva			
04/01/2022	Present	90 Day U.S. Treasury Bill	
PRIT Fund Priva			
05/01/2023	Present	90 Day U.S. Treasury Bill	

From Date	To Date	Benchmark
PRIT Fund Priva	te Equity 2024	
03/01/2024	Present	No Primary Benchmark available
Infrastructure		
09/01/2017	Present	100.0% CPI - All Urban Consumers
01/01/1926	09/01/2017	100.0% CPI - All Urban Consumers
IFM Global Infra	structure (US), L	P.
09/01/2017	Present	100.0% CPI - All Urban Consumers
01/01/1926	09/01/2017	100.0% CPI - All Urban Consumers
Timber		
04/01/1987	Present	50.0% NCREIF Timberland Index, 50.0% NCREIF Farmland Index
Hancock Timbe	r <b>X</b>	
05/01/2010	Present	NCREIF Timberland Index
Hancock Timbe	rland and Farmla	and Fund
04/01/1987	Present	50.0% NCREIF Timberland Index, 50.0% NCREIF Farmland Index
Campbell Globa	l Timber Fund	
06/01/2018	Present	NCREIF Timberland Index
Bank Loan		
08/01/2020	Present	No Primary Benchmark available
PineBridge Ban	k Loan	
08/01/2020	Present	Morningstar LSTA US Leveraged Loan
Internal Accoun	t	
01/01/1996	Present	90 Day U.S. Treasury Bill

#### City of Cambridge

#### Total Fund Cash Flow History - Quarter End 5 Years Ending June 30, 2024 Beginning Net Net Investment Ending Market Value Cash Flow Change Market Value Return Periods Ending (\$) (\$) (\$) (\$) Sep-2019 1,361,956,030 2,419,183 1,389,815,624 25,440,410 0.2 5.6 Dec-2019 1,389,815,624 -17,490,194 77,551,909 1,449,877,339 Mar-2020 1,449,877,339 -16,031,322 -211,678,453 1,222,167,564 -16.9 Jun-2020 12.8 1,222,167,564 -21,567,720 122,328,999 1,322,928,843 Sep-2020 5.6 1,322,928,843 33,499,896 74,808,177 1,431,236,916 Dec-2020 -18,494,314 182,084,923 12.8 1,431,236,916 1,594,827,525 5.1 Mar-2021 1,594,827,525 -19,059,871 80,066,422 1,655,834,076 Jun-2021 5.6 1,655,834,076 -18,538,000 92,598,381 1,729,894,457 Sep-2021 20,539,778 1.2 1,729,894,457 33,888,106 1,784,322,341 Dec-2021 -21,051,511 79,396,650 1,842,667,480 4.5 1,784,322,341 1,842,667,480 -18,643,149 -49,253,183 1,774,771,148 -2.5 Mar-2022 Jun-2022 1,774,771,148 -15,392,227 -141,336,401 1,618,042,521 -8.0 Sep-2022 -4.4 1,618,042,521 31,125,074 -73,016,258 1,576,151,337 Dec-2022 1.576.151.337 -17.940.502 73.011.344 1.631.222.180 4.6 Mar-2023 1,631,222,180 -22,094,629 46,433,820 1,655,561,370 3.0 Jun-2023 37.191.665 2.3 1.655.561.370 -17.772.148 1.674.980.887 Sep-2023 -1.5 1,674,980,887 41.463.269 -28,651,124 1,687,793,032 6.6 Dec-2023 108,246,137 1.687.793.032 -22.000.876 1.774.038.294 Mar-2024 1,774,038,294 3.2 -21.784.485 57.211.520 1.809.465.328 Jun-2024 -18.589.877 30.098.655 1.7 1.809.465.328 1.820.974.105

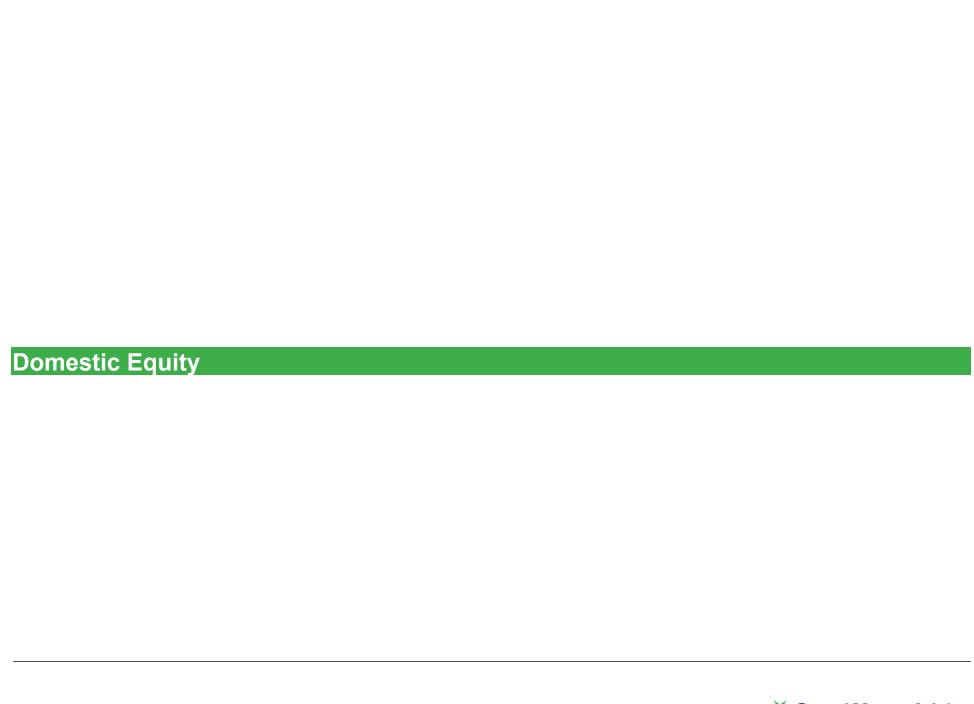
Gain/Loss includes income received and change in accrued income for the period.

# City of Cambridge Total Fund Cash Flow History - Calendar Years

# Since Inception Ending June 30, 2024

s Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Net Investment Change (\$)	Ending Market Value (\$)	Return %
From 07/1995	346,981	· ,	18,863,101	19,210,082	9.8
1996	19,210,082	385,438	6,162,431	25,757,951	14.1
1997	25,757,951	143,436	9,482,226	35,383,613	25.6
1998	35,383,613	276,801	-1,489,411	34,171,003	13.2
1999	34,171,003	294,428	5,390,908	39,856,339	14.0
2000	39,856,339	39,615,573	113,406,614	192,878,526	3.3
2001	192,878,526	-32,323,393	9,142,817	169,697,950	-23.4
2002	169,697,950	-7,387,008	279,524	162,590,465	-12.1
2003	162,590,465	3,619,782	28,950,594	195,160,841	28.1
2004	195,160,841	-492,123	240,125,051	434,793,770	4.5
2005	434,793,770	-15,884,390	26,933,830	445,843,210	6.6
2006	445,843,210	19,658,164	165,747,008	631,248,381	10.5
2007	631,248,381	-57,653,583	62,208,082	635,802,880	10.5
2008	635,802,880	-19,983,709	-180,743,742	435,075,430	-29.3
2009	435,075,430	-470,683	238,129,298	672,734,045	20.2
2010	672,734,045	-4,262,913	99,870,935	768,342,068	14.9
2011	768,342,068	-5,357,855	-11,360,258	751,623,954	-0.4
2012	751,623,954	4,741,067	111,286,939	867,651,961	14.8
2013	867,651,961	-9,597,393	179,899,741	1,037,954,309	20.8
2014	1,037,954,309	-12,819,855	68,760,382	1,093,894,836	6.7
2015	1,093,894,836	-15,054,804	-3,421,916	1,075,418,116	-0.2
2016	1,075,418,116	-14,477,529	91,315,199	1,152,255,785	8.7
2017	1,152,255,785	-10,239,181	195,274,273	1,337,290,877	17.0
2018	1,337,290,877	-23,232,481	-47,111,743	1,266,946,653	-3.6
2019	1,266,946,653	-24,204,544	207,135,230	1,449,877,339	16.6
2020	1,449,877,339	-22,593,459	167,543,646	1,594,827,525	11.6
2021	1,594,827,525	-24,761,276	272,601,231	1,842,667,480	17.3
2022	1,842,667,480	-20,850,804	-190,594,497	1,631,222,180	-10.3
2023	1,631,222,180	-20,404,383	163,220,498	1,774,038,294	10.6
To 06/2024	1,774,038,294	-40,374,363	87,310,175	1,820,974,105	5.0

Gain/Loss includes income received and change in accrued income for the period.



# RhumbLine Russell 1000 Pooled Index Fund

### As of June 30, 2024

	Gain / Loss											
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date				
RhumbLine Russell 1000 Pooled Index Fund								11/01/2019				
Beginning Market Value	411,289,673	338,967,766	392,904,984				298,222,512					
Net Cash Flows	-6,000,000		-65,501,059				-105,005,069					
Income												
Gain/Loss	14,459,847	80,781,754	92,345,595				226,532,077					
Ending Market Value	419,749,520	419,749,520	419,749,520				419,749,520					



Performance											
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date			
RhumbLine Russell 1000 Pooled Index Fund	3.6	23.8	8.7				14.8	11/01/2019			
Russell 1000 Index	3.6	23.9	8.7	14.6	13.9	12.5	14.9				
Difference	0.0	-0.1	0.0				-0.1				

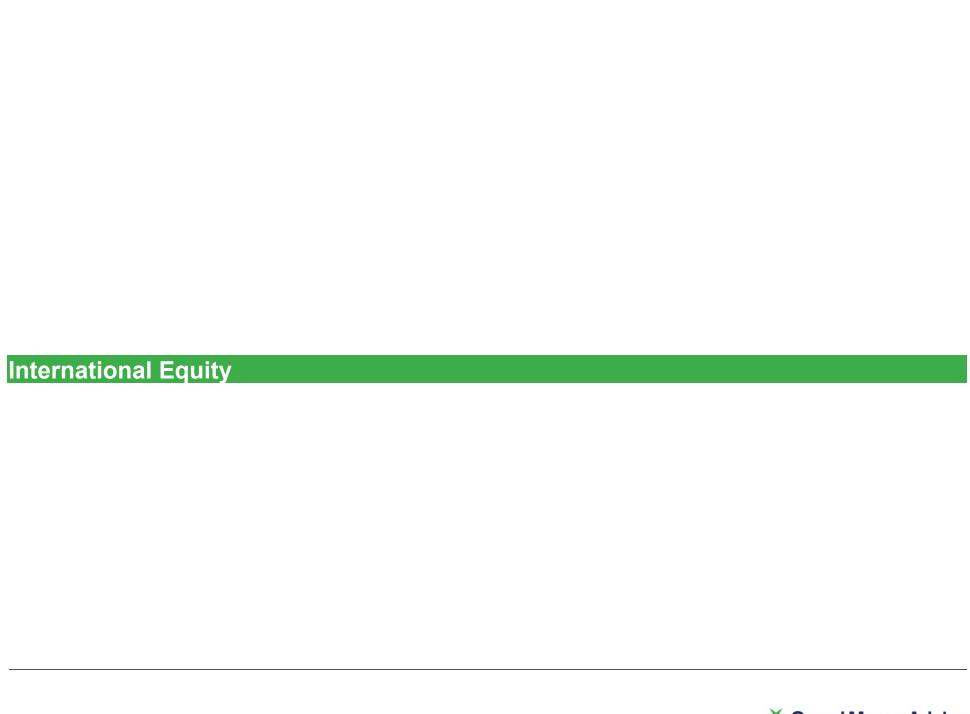
#### City of Cambridge

# Mellon Russell 2000 Index As of June 30, 2024

	Gain / Loss										
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date			
Mellon Russell 2000 Index								11/01/2019			
Beginning Market Value	98,581,154	95,899,655	145,382,652				44,702,359				
Net Cash Flows	-7,500,000	-16,500,000	-44,550,514				2,744,931				
Income											
Gain/Loss	-3,475,072	8,206,427	-13,226,056				40,158,793				
Ending Market Value	87,606,082	87,606,082	87,606,082				87,606,082				



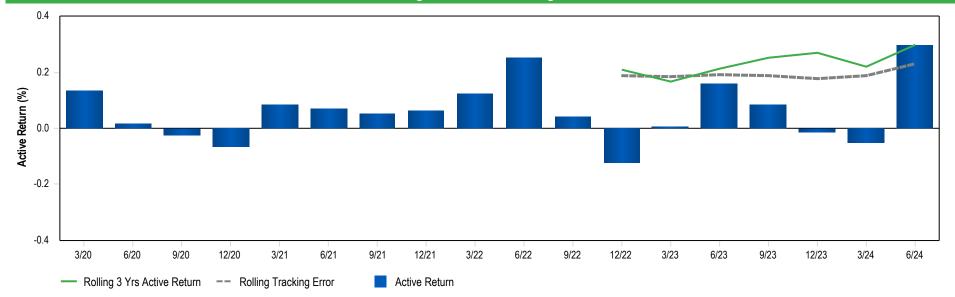
Performance											
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date			
Mellon Russell 2000 Index	-3.2	10.2	-2.4				7.6	11/01/2019			
Russell 2000 Index	-3.3	10.1	-2.6	6.9	6.8	7.0	7.4				
Difference	0.1	0.1	0.2				0.2				



# Rhumbline International Pooled Index Trust

### As of June 30, 2024

	Gain / Loss										
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date			
Rhumbline International Pooled Index Trust								11/01/2019			
Beginning Market Value	127,825,844	123,675,692	112,613,684				647,529				
Net Cash Flows		-10,500,000	3,489,190				94,809,497				
Income											
Gain/Loss	-157,634	14,492,518	11,565,337				32,211,184				
Ending Market Value	127,668,210	127,668,210	127,668,210				127,668,210				



Performance											
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date			
Rhumbline International Pooled Index Trust	-0.1	11.9	3.2				6.6	11/01/2019			
MSCI EAFE (Net)	-0.4	11.5	2.9	6.5	5.7	4.3	6.4				
Difference	0.3	0.4	0.3				0.2				

- Rolling 3 Yrs Active Return -- Rolling Tracking Error

# Acadian Non-U.S. Equity As of June 30, 2024

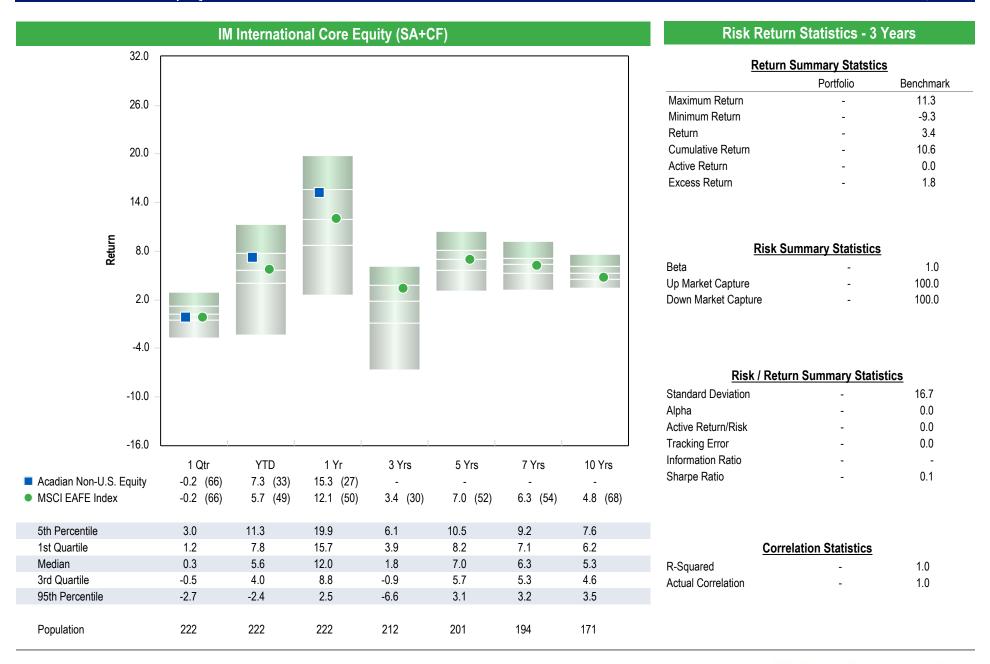
Gain / Loss										
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date		
Acadian Non-U.S. Equity								05/01/2023		
Beginning Market Value	57,572,469	49,846,016					49,579,644			
Net Cash Flows										
Income										
Gain/Loss	-103,008	7,623,444					7,889,817			
Ending Market Value	57,469,461	57,469,461					57,469,461			

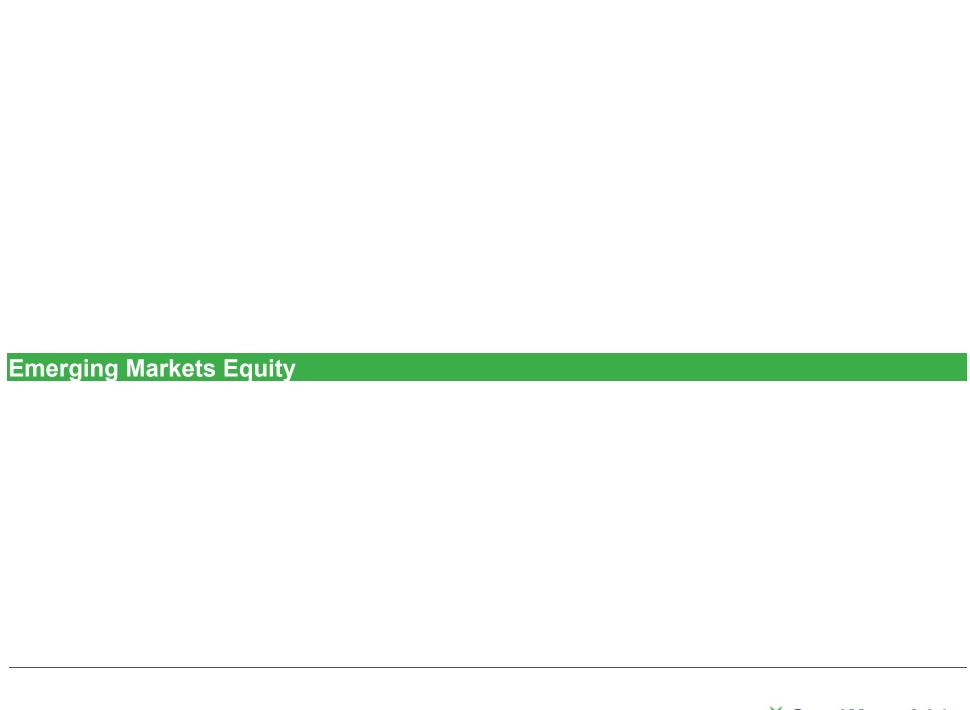
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Performance										
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date		
Acadian Non-U.S. Equity	-0.2	15.3					13.5	05/01/2023		
MSCI EAFE Index	-0.2	12.1	3.4	7.0	6.3	4.8	10.6			
Difference	0.0	3.2					2.9			

Active Return

#### As of June 30, 2024

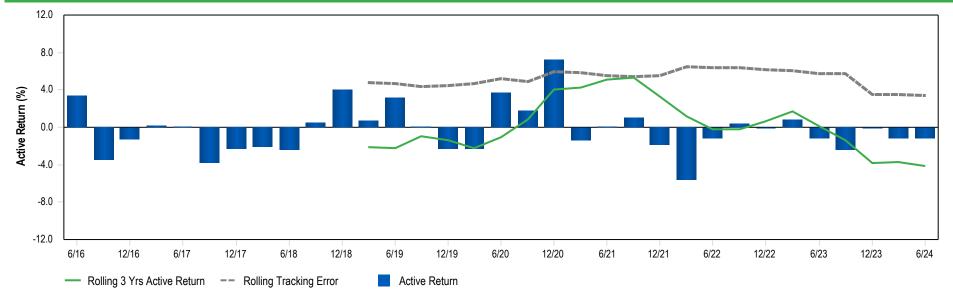




#### City of Cambridge

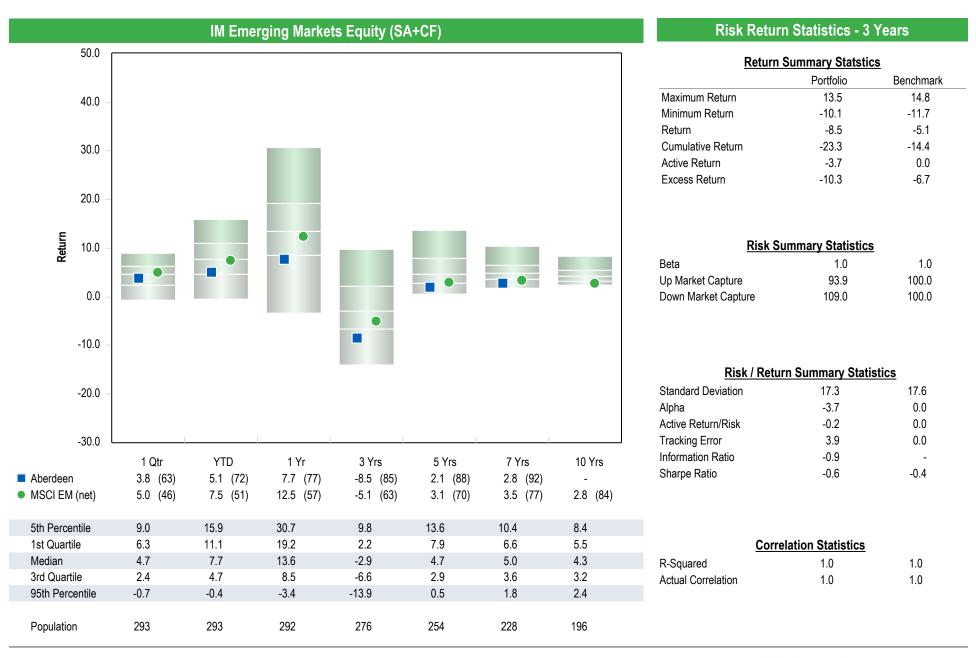
# Aberdeen As of June 30, 2024

Gain / Loss											
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date			
Aberdeen								03/01/2016			
Beginning Market Value	43,399,131	70,949,450	99,667,423	71,403,000	60,398,556						
Net Cash Flows		-28,093,542	-28,093,542	-30,593,542	-25,593,542						
Income					1,580,089						
Gain/Loss	1,656,856	2,200,079	-26,517,894	4,246,529	8,670,883						
Ending Market Value	45,055,987	45,055,987	45,055,987	45,055,987	45,055,987						

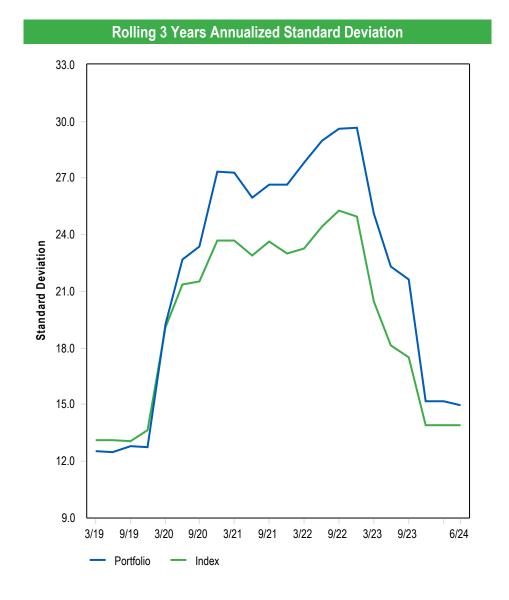


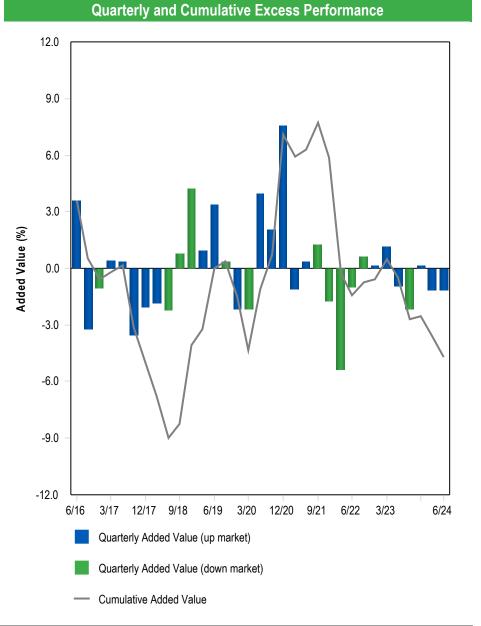
	Performance Performance										
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date			
Aberdeen	3.8	7.2	-9.2	1.2	1.9		5.4	03/01/2016			
MSCI EM (net)	5.0	12.5	-5.1	3.1	3.5	2.8	7.3				
Difference	-1.2	-5.3	-4.1	-1.9	-1.6		-1.9				

Aberdeen As of June 30, 2024

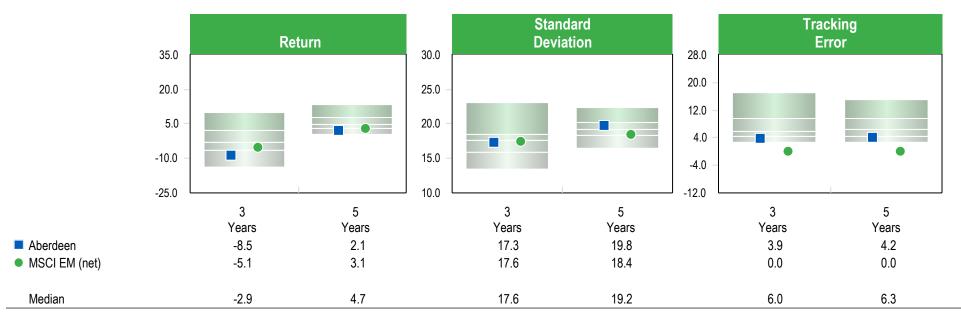


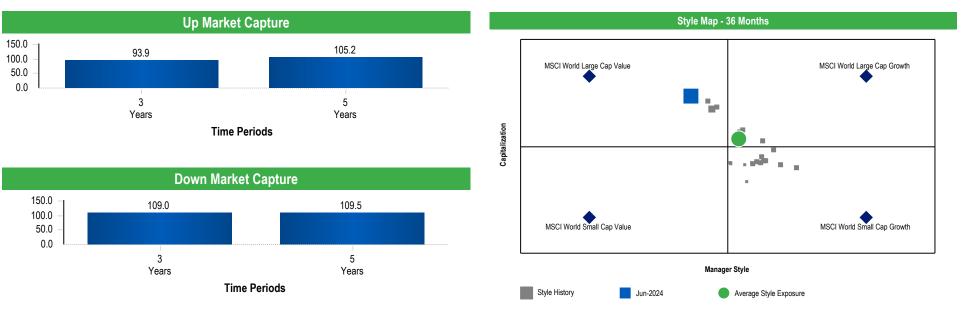
#### Aberdeen vs. MSCI EM (net) Rolling Returns





Aberdeen As of June 30, 2024

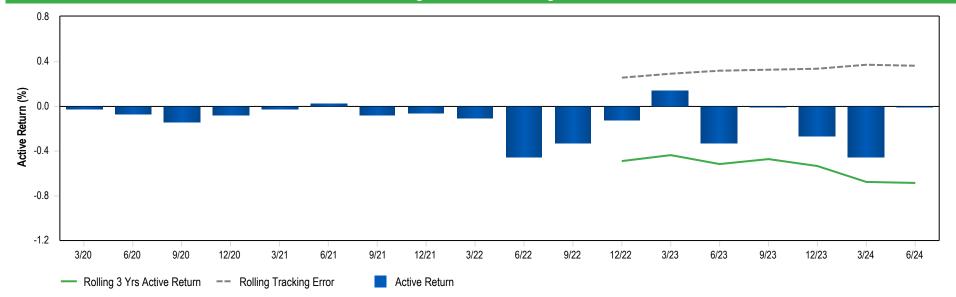




# Mellon Emerging Markets Stock Index

### As of June 30, 2024

Gain / Loss										
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date		
Mellon Emerging Markets Stock Index								11/01/2019		
Beginning Market Value	82,134,002	73,980,414	20,337,402				4,997,188			
Net Cash Flows		3,900,000	74,990,391				84,990,391			
Income										
Gain/Loss	4,202,891	8,456,479	-8,990,900				-3,650,686			
Ending Market Value	86,336,893	86,336,893	86,336,893				86,336,893			

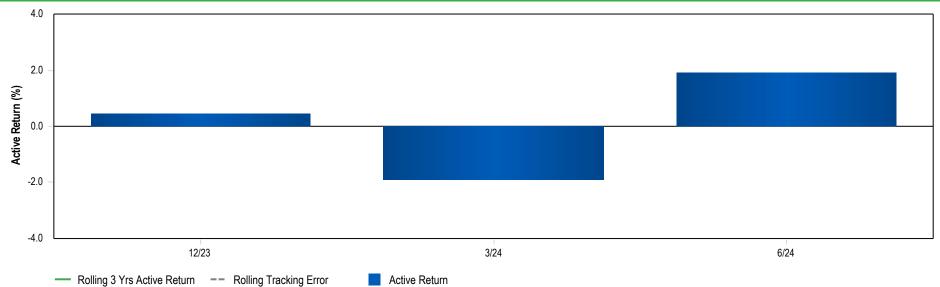


Performance										
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date		
Mellon Emerging Markets Stock Index	5.1	12.2	-5.4				3.2	11/01/2019		
MSCI Emerging Markets Index	5.1	13.0	-4.7	3.5	3.9	3.2	3.8			
Difference	0.0	-0.8	-0.7				-0.6			

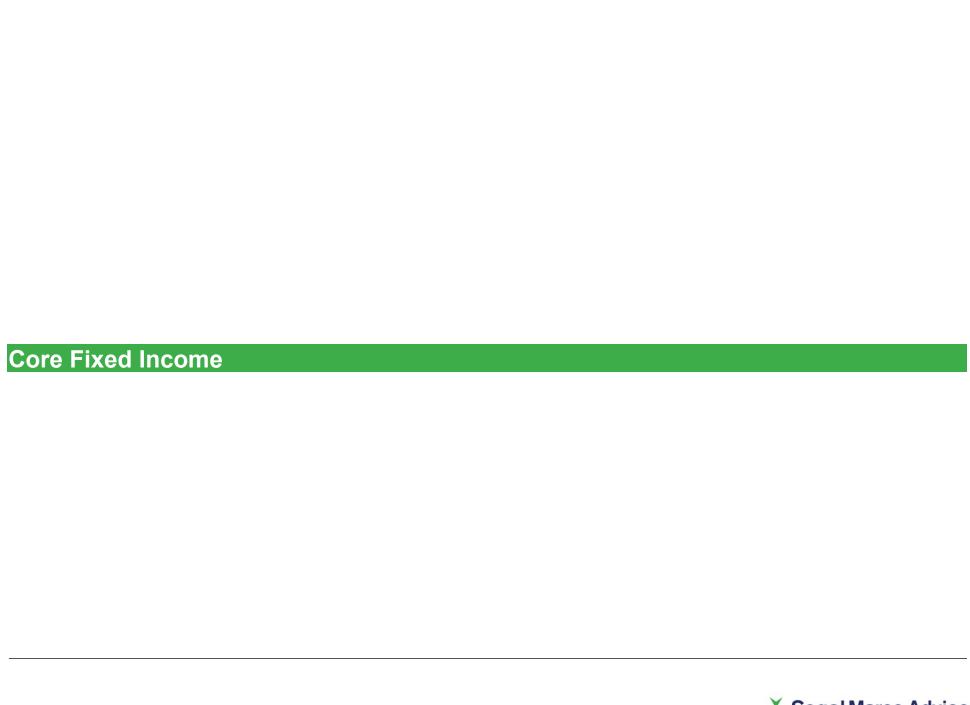
# RBC Emerging Markets Equity

### As of June 30, 2024

	Gain / Loss									
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date		
RBC Emerging Markets Equity								08/01/2023		
Beginning Market Value	45,194,709						43,000,000			
Net Cash Flows										
Income							45,172			
Gain/Loss	3,120,278						5,269,815			
Ending Market Value	48,314,987						48,314,987			



Performance									
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date	
RBC Emerging Markets Equity	6.9						12.4	08/01/2023	
MSCI EM (net)	5.0	12.5	-5.1	3.1	3.5	2.8	6.0		
Difference	1.9						6.4		



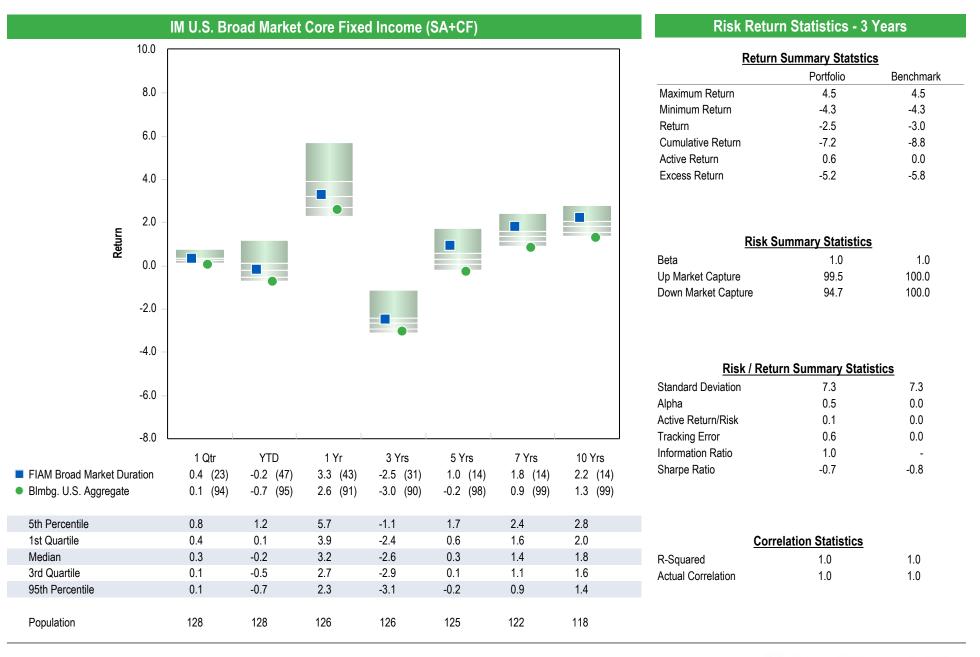
# FIAM Broad Market Duration As of June 30, 2024

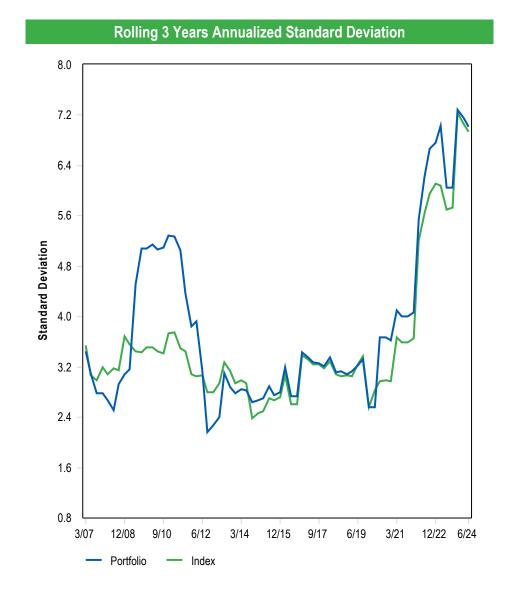
	Gain / Loss										
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date			
FIAM Broad Market Duration								02/01/2004			
Beginning Market Value	58,421,184	37,555,807	50,623,487	69,080,886	73,586,802	67,095,754					
Net Cash Flows		18,745,657	12,245,657	-12,504,343	-22,504,343	-22,504,343					
Income											
Gain/Loss	215,033	2,334,754	-4,232,927	2,059,675	7,553,758	14,044,807					
Ending Market Value	58,636,218	58,636,218	58,636,218	58,636,218	58,636,218	58,636,218					

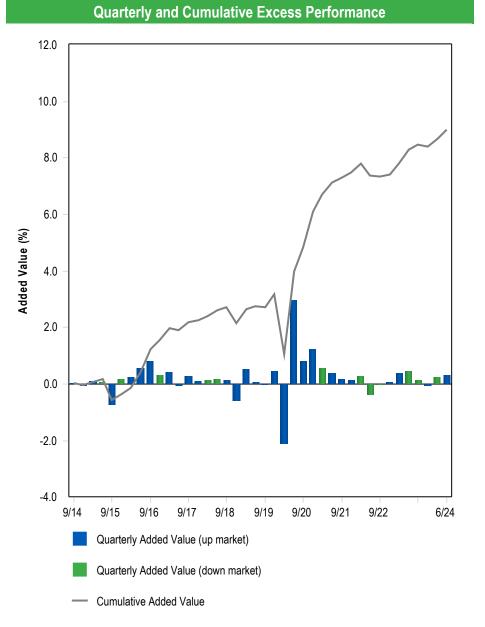


Performance Performance										
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date		
FIAM Broad Market Duration	0.4	3.3	-2.5	0.8	1.7	2.1	3.6	02/01/2004		
Blmbg. U.S. Aggregate	0.1	2.6	-3.0	-0.2	0.9	1.3	3.0			
Difference	0.3	0.7	0.5	1.0	0.8	0.8	0.6			

#### FIAM Broad Market Duration As of June 30, 2024



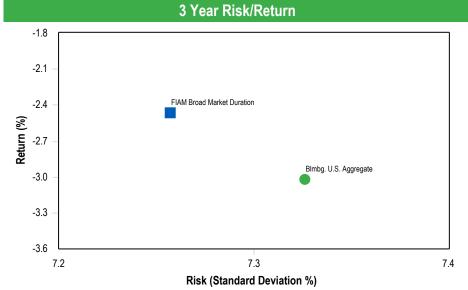




#### FIAM Broad Market Duration As of June 30, 2024







# Income Research Management

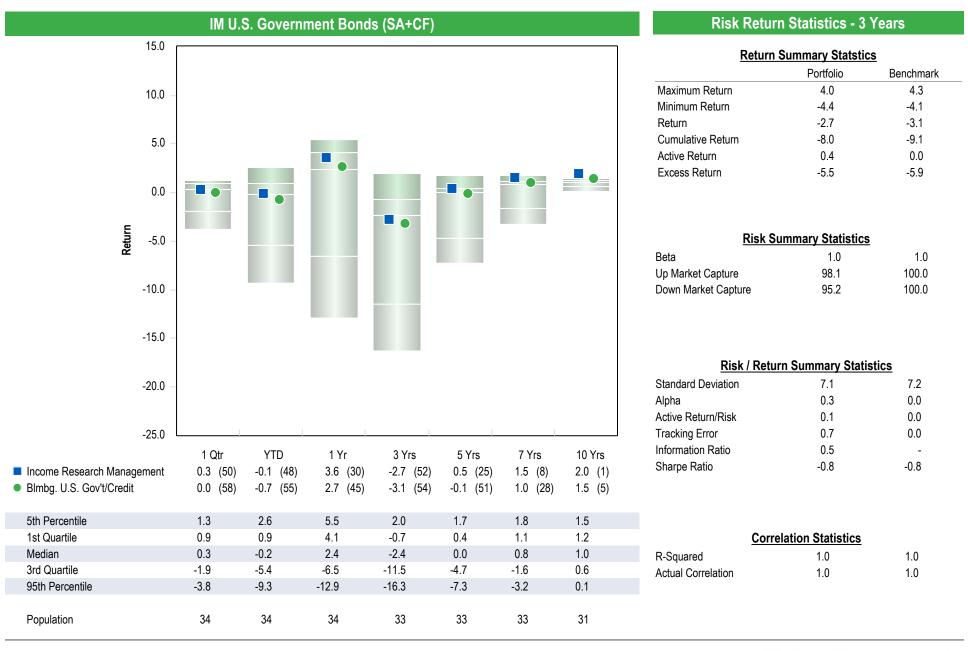
### As of June 30, 2024

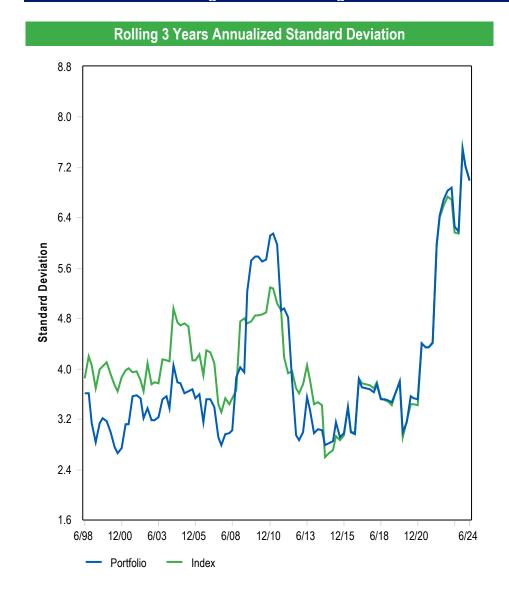
	Gain / Loss										
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date			
Income Research Management								07/01/2000			
Beginning Market Value	52,708,989	38,015,746	46,431,585	63,319,012	58,333,261	53,338,455	49,423,471				
Net Cash Flows		12,745,657	11,245,657	-11,504,343	-11,504,343	-11,504,346	-51,189,682				
Income	534,316	1,791,752	4,416,621	7,583,533	11,787,271	17,394,042	55,347,858				
Gain/Loss	-360,049	330,100	-9,210,607	-6,514,946	-5,732,933	-6,344,896	-698,391				
Ending Market Value	52,883,256	52,883,256	52,883,256	52,883,256	52,883,256	52,883,256	52,883,256				

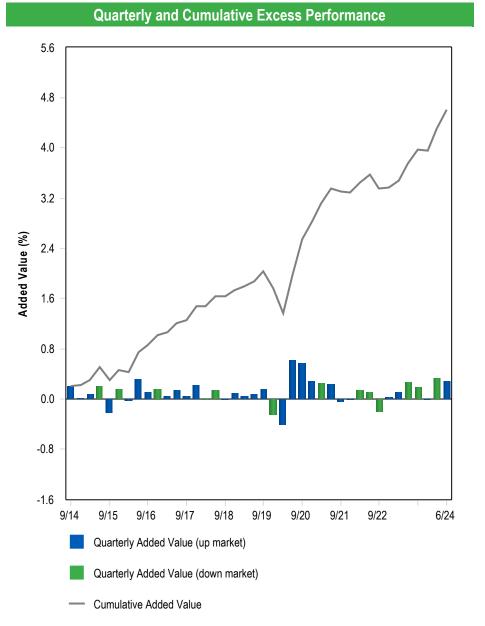


Performance										
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date		
Income Research Management	0.3	3.6	-2.8	0.3	1.3	1.7	4.4	07/01/2000		
Blmbg. U.S. Gov't/Credit	0.0	2.7	-3.1	-0.1	1.0	1.5	4.0			
Difference	0.3	0.9	0.3	0.4	0.3	0.2	0.4			

#### As of June 30, 2024







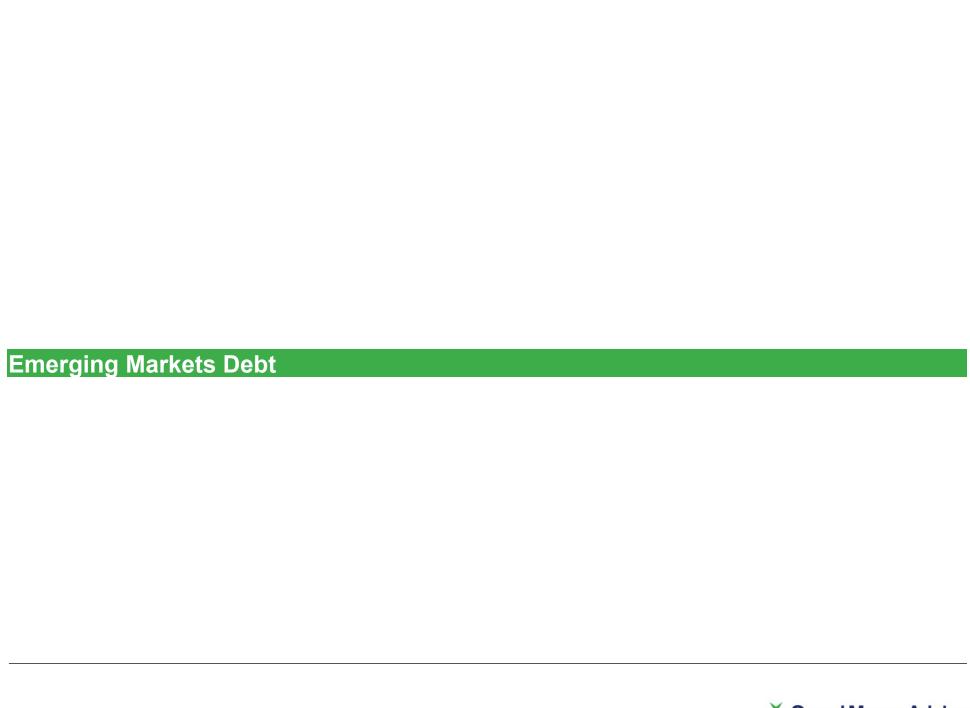


#### As of June 30, 2024





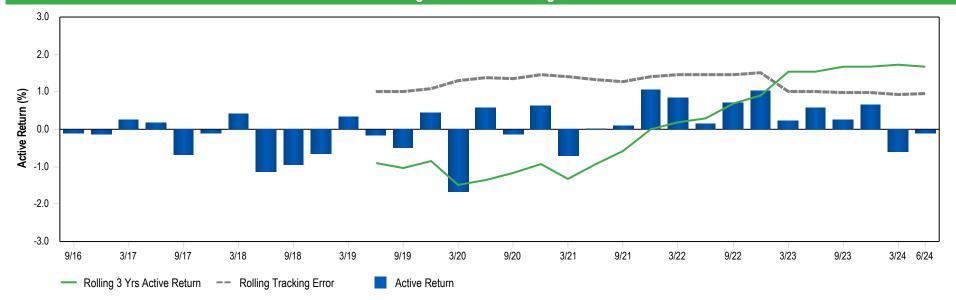




# Wellington Emerging Debt

# As of June 30, 2024

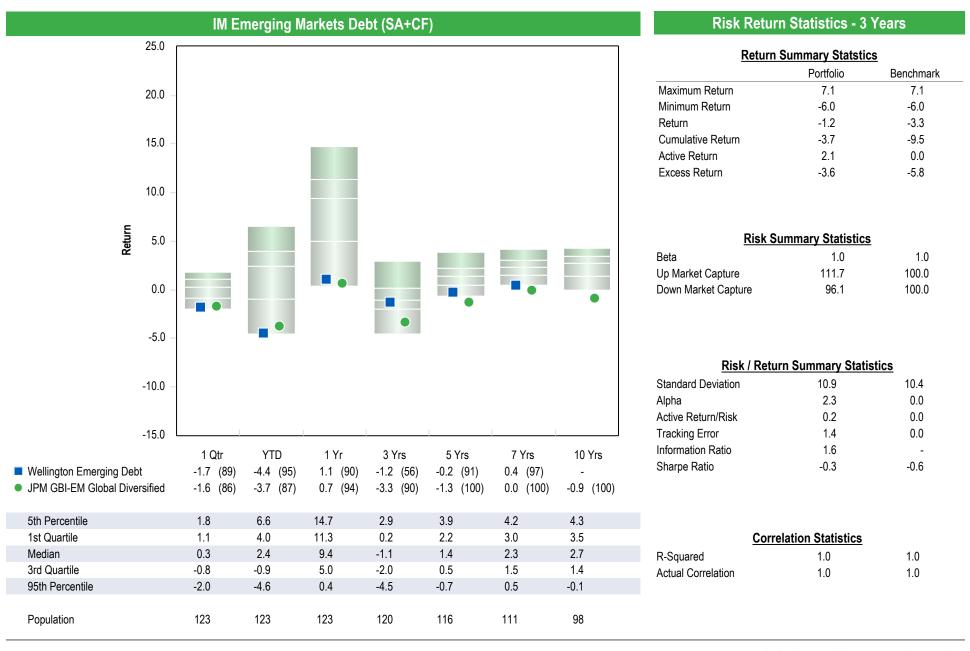
Gain / Loss											
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date			
Wellington Emerging Debt								06/01/2016			
Beginning Market Value	24,487,402	23,827,043	19,978,970	19,456,458	18,547,608		15,000,000				
Net Cash Flows		-30,205	4,969,795	4,969,795	5,082,070		6,584,169				
Income	140,603	562,226	2,044,656	4,047,295	6,352,061		7,484,473				
Gain/Loss	-563,322	-294,381	-2,928,739	-4,408,866	-5,917,057		-5,003,960				
Ending Market Value	24,064,682	24,064,682	24,064,682	24,064,682	24,064,682		24,064,682				

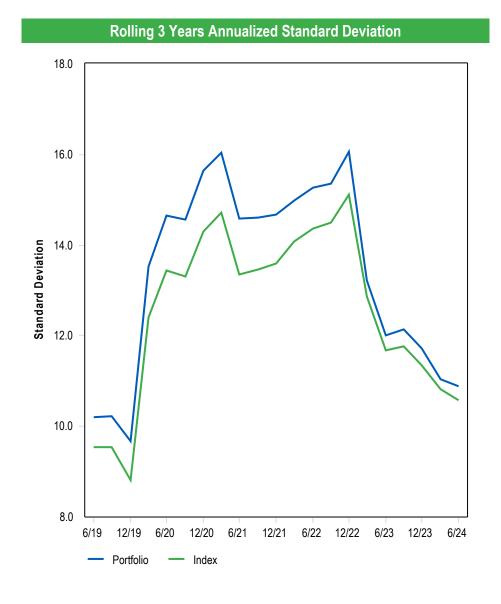


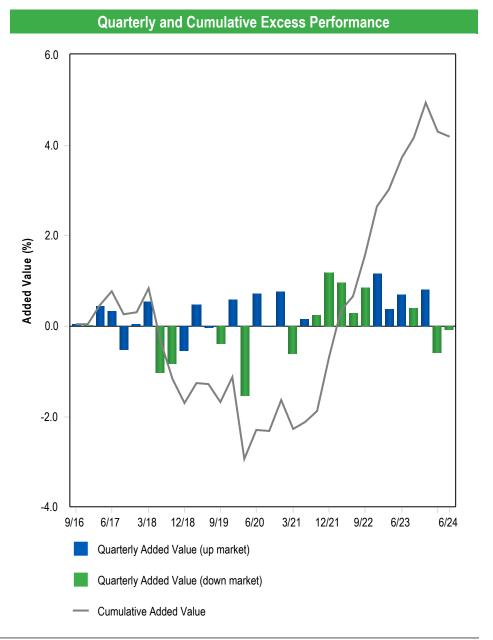
Performance											
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date			
Wellington Emerging Debt	-1.7	0.9	-1.6	-0.7	0.0		1.5	06/01/2016			
JPM GBI-EM Global Diversified	-1.6	0.7	-3.3	-1.3	0.0	-0.9	1.5				
Difference	-0.1	0.2	1.7	0.6	0.0		0.0				

#### Wellington Emerging Debt

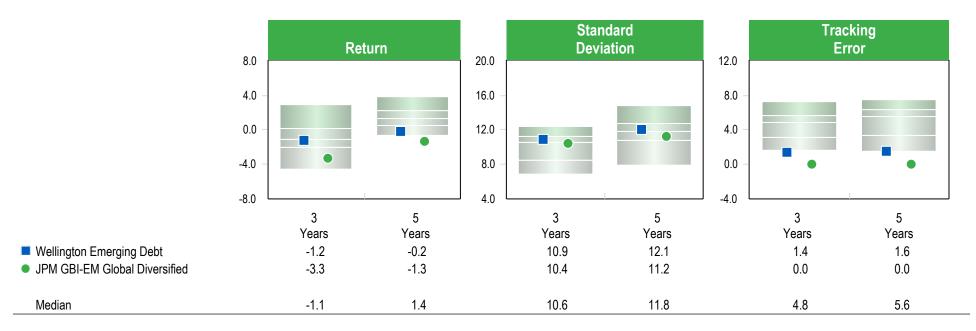
#### As of June 30, 2024

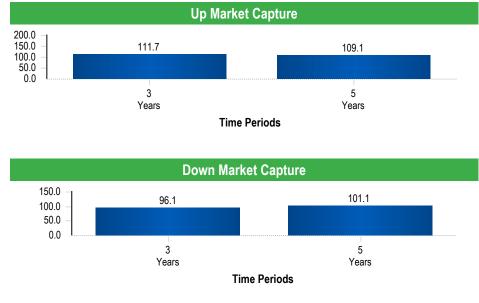


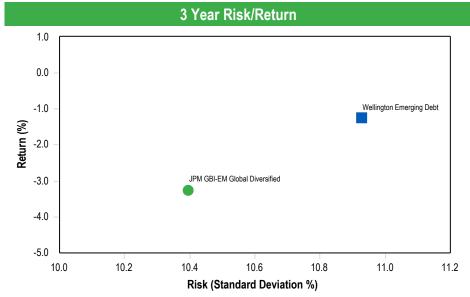


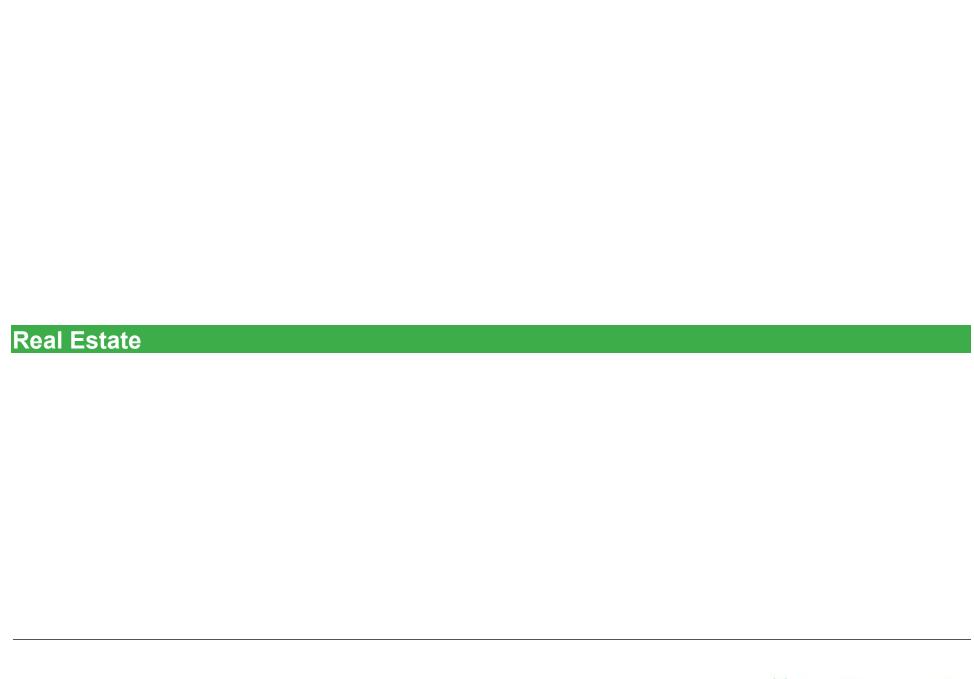


#### Wellington Emerging Debt



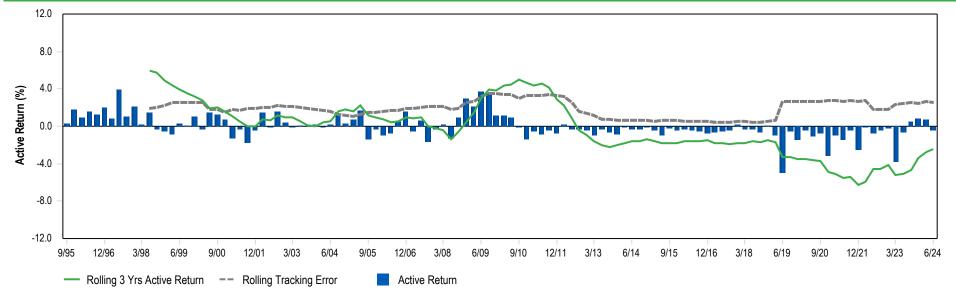






# UBS Realty As of June 30, 2024

Gain / Loss										
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date		
UBS Realty								07/01/1995		
Beginning Market Value	51,520,965	56,953,888	57,374,659	59,892,527	56,546,550	48,284,466				
Net Cash Flows	-519,290	-2,077,162	-6,470,906	-9,642,272	-10,663,351	-17,439,038	-5,256,914			
Income				1,081,018	3,097,621	3,097,621	7,051,045			
Gain/Loss	-465,740	-4,340,792	-367,818	-795,339	1,555,115	16,592,885	48,741,804			
<b>Ending Market Value</b>	50,535,934	50,535,934	50,535,934	50,535,934	50,535,934	50,535,934	50,535,934			



Performance Performance									
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date	
UBS Realty	-0.9	-7.8	-0.7	-0.2	1.0	3.5	7.8	07/01/1995	
NCREIF ODCE Equal Weighted	-0.5	-9.3	1.8	3.3	4.6	6.6	7.8		
Difference	-0.4	1.5	-2.5	-3.5	-3.6	-3.1	0.0		

# JP Morgan SPF Fund As of June 30, 2024

Gain / Loss									
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date	
JP Morgan SPF Fund								07/01/2018	
Beginning Market Value	36,689,683	44,435,423	39,289,138	36,682,797			35,000,000		
Net Cash Flows	-340,494	-1,098,786	-1,869,766	-2,518,466			-2,705,656		
Income									
Gain/Loss	493,359	-6,494,088	-576,823	2,678,217			4,548,204		
<b>Ending Market Value</b>	36,842,548	36,842,548	36,842,548	36,842,548			36,842,548		



Performance Performance									
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date	
JP Morgan SPF Fund	1.4	-14.7	-0.7	1.3			2.0	07/01/2018	
NCREIF ODCE Equal Weighted	-0.5	-9.3	1.8	3.3	4.6	6.6	3.9		
Difference	1.9	-5.4	-2.5	-2.0			-1.9		

# Intercontinental Real Estate As of June 30, 2024

Gain / Loss									
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date	
Intercontinental Real Estate								04/01/2017	
Beginning Market Value	36,872,258	41,854,241	38,708,651	34,283,912	20,272,748		20,000,000		
Net Cash Flows	-278,222	-889,970	-1,959,292	-2,601,170	6,912,563		6,912,563		
Income					388,985		649,287		
Gain/Loss	-34,849	-4,405,084	-190,172	4,876,445	8,984,891		8,997,337		
Ending Market Value	36,559,187	36,559,187	36,559,187	36,559,187	36,559,187		36,559,187		



Performance Performance									
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date	
Intercontinental Real Estate	-0.1	-10.6	-0.3	2.6	4.5		4.6	04/01/2017	
NCREIF ODCE Equal Weighted	-0.5	-9.3	1.8	3.3	4.6	6.6	4.7		
Difference	0.4	-1.3	-2.1	-0.7	-0.1		-0.1		

### Rockwood Capital Real Estate Partners Fund IX, LP

As of June 30, 2024

#### **Fund Information**

Vintage Year:

Inception:

**Management Fee:** 

2013

1.40%

06/08/2012

Type of Fund: Partnership
Strategy Type: Value-Add Real Estate

Preferred Return: 8%

Final Close: 06/08/2013

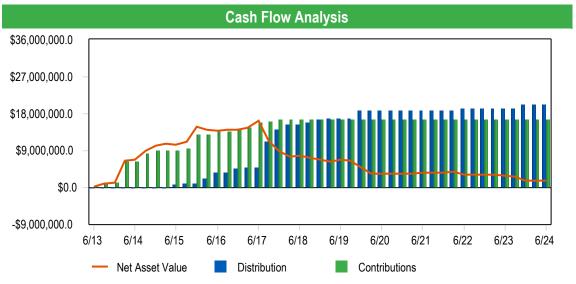
Investment Strategy: F

DPI:

Rockwood employs a top-down strategy focused on economic cycles, employment changes, demographic trends, and capital market fluctuations combined with a bottom-up analysis of supply and demand as reflected in occupancy and rent levels within various property sectors and markets. Similar to Rockwood's prior eight funds, Fund IX will focus on building a portfolio of United States real estate investments that has strong in place cash flow and the potential for near term income growth through value creation activities such as leasing, re-leasing, repositioning, redeveloping, and changing use. The fund may also engage in ground-up development where income is expected to be put in place within 36 to 48 months of acquisition. The fund will be diversified by property sector, geography, and life cycle with weightings influenced by various economic, real estate, and capital cycles. Rockwood is targeting an asset class mix of 15% to 35% of its capital in each of its primary property sectors: office and other workspace, residential rental apartments, retail, and hotel although this range is not fixed. The fund will also invest in special situations with compelling risk adjusted returns. Fund IX will focus on select United States markets such as Boston, Las Vegas, New York, Phoenix, Southeast Florida, San Francisco/Bay Area, Seattle, Southern California, and

#### **Cash Flow Summary** \$18,000,000 **Capital Committed: Total Contributions:** \$16,599,863 Remaining Capital Commitment: \$1,486,941 \$20.301.937 **Total Distributions:** \$1.687.837 Market Value: **Inception Date:** 06/05/2013 Inception IRR: 9.2 TVPI: 1.3

1.2



Due to the inconsistencies in reporting methodologies among managers, we do not report on Capital Invested, Management Fees, Expenses and Interest. However, the Market Value is net of all fees and expenses, and Total Contributions reflects interest paid.

Washington, D.C./Northern Virginia/Southern Maryland, as well as Canada and the Caribbean.

# Landmark Real Estate Fund VI As of June 30, 2024

#### **Fund Information**

Type of Fund: Partnership

Strategy Type: Value-Add Real Estate

**Preferred Return:** 8.0% preferred return

**Final Close:** 3/31/2011

Investment Strategy: Landmark Real Estate Fund VI ("Landmark VI") intends to invest in diversified real estate and real estate related entities via private secondary market transactions. The

Partnership will seek to create a portfolio that is diversified by strategy, property type, geographic location, general partner/sponsoring firm, and vintage year. Landmark will

Vintage Year:

Inception:

**Management Fee:** 

2010

12/31/2009

1%

attempt to leverage its brand name and investment expertise to provide exposure to first tier investments at favorable valuations.

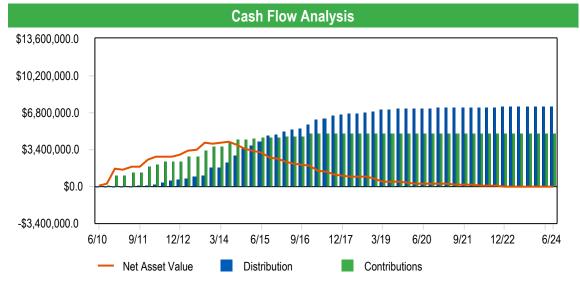
# Cash Flow Summary

Capital Committed: \$5,500,000
Total Contributions: \$4,842,191
Remaining Capital Commitment: \$657,809

Total Distributions: \$7,349,951 Market Value: \$15,788

Inception Date:05/19/2010Inception IRR:18.3

**TVPI**: 1.5 **DPI**: 1.5



### Penn Square Global Real Estate II

As of June 30, 2024

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Type of Fund: Partnership

Vintage Year: 2009

**Strategy Type:** Opportunistic Real Estate

Management Fee: 100 bps on total capital commitments during the investment period,

thereafter on invested capital. Incentive fee of 10% of profits over a 10%

IRR.

04/01/2010

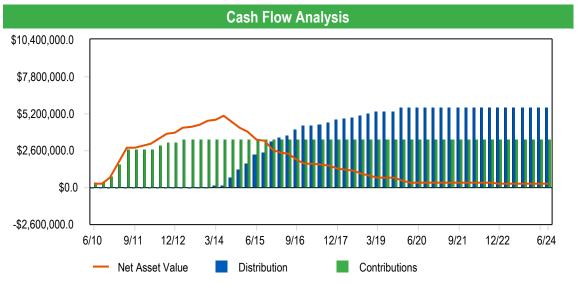
Preferred Return: 9% Inception:

**Final Close:** 3/31/2010

Investment Strategy: Opportunistic returns with a multi-strategy, globally allocated portfolio invested in non-core real estate funds through direct fund and secondary investments, recapitalizations,

joint-ventures, and co-investments.

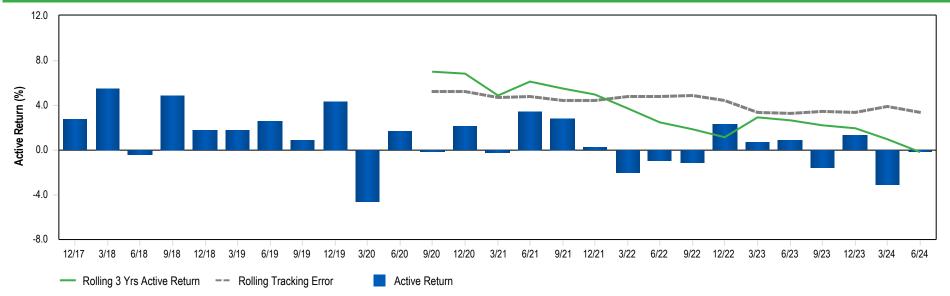
#### **Cash Flow Summary Capital Committed:** \$5,500,000 **Total Contributions:** \$3,355,000 Remaining Capital Commitment: \$2,145,000 \$5.647.641 **Total Distributions:** \$286.907 Market Value: **Inception Date:** 06/25/2010 Inception IRR: 11.9 TVPI: 1.8 DPI: 1.7



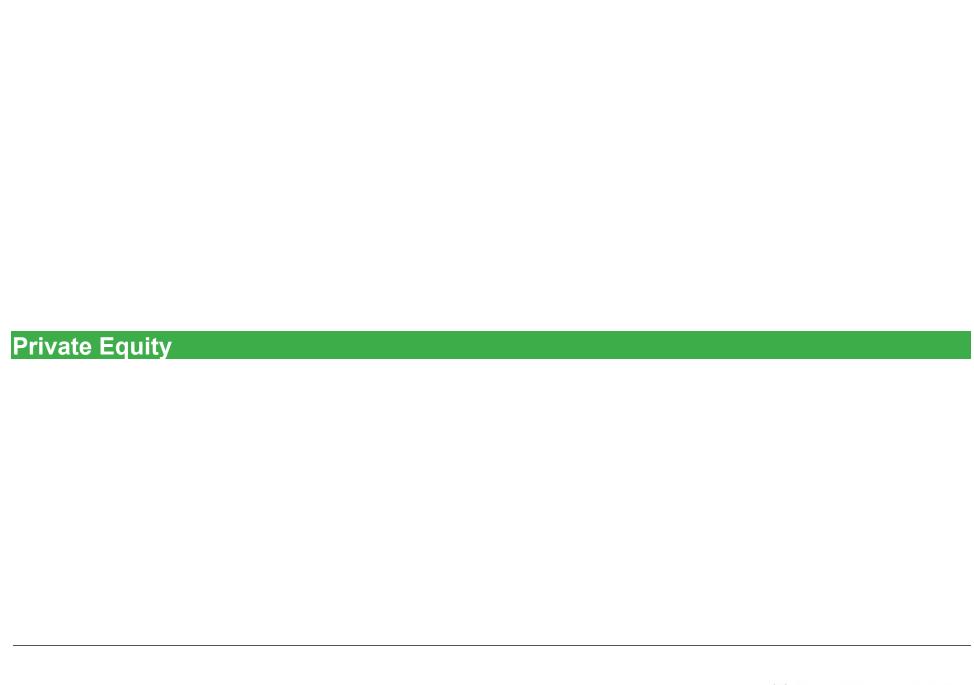
# IFM Global Infrastructure (US), L.P.

# As of June 30, 2024

Gain / Loss								
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date
IFM Global Infrastructure (US), L.P.								09/01/2017
Beginning Market Value	82,107,459	80,556,788	65,138,025	40,269,768			30,000,000	
Net Cash Flows				13,656,609			13,436,878	
Income								
Gain/Loss	807,579	2,358,250	17,777,013	28,988,661			39,478,160	
Ending Market Value	82,915,038	82,915,038	82,915,038	82,915,038			82,915,038	



Performance Performance									
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date	
IFM Global Infrastructure (US), L.P.	1.0	2.9	8.4	9.2			11.4	09/01/2017	
CPI + 3.5%	1.1	6.6	8.6	7.8	7.2	6.4	7.3		
Difference	-0.1	-3.7	-0.2	1.4			4.1		



Ascent Venture V
As of June 30, 2024

#### **Fund Information**

Type of Fund: Partnership Vintage Year: 2005

Management Fee: 2.5% of capital committed, thereafter the fee will be reduced by 10% per

year to a minimum of 1.5% of aggregate commitments

Preferred Return: 07/01/2005

**Final Close:** 

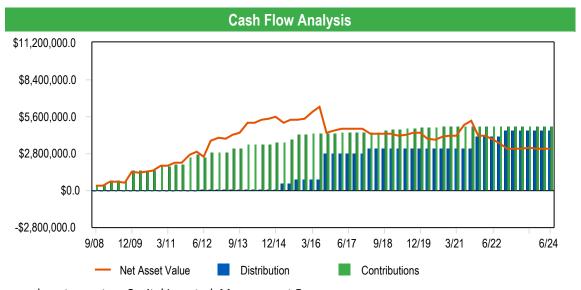
**Strategy Type:** 

Investment Strategy: Invests in early stage, emerging growth and growth capital technology companies in the east coast

Casii i io	w Sullillary
Capital Committed:	\$5,000,000
Total Contributions:	\$4,850,000
<b>Remaining Capital Commitment:</b>	\$150,000
Total Distributions:	\$4,513,301
Market Value:	\$3,158,167
Inception Date:	09/22/2008
Inception IRR:	6.0
TVPI:	1.6
DPI:	0.9

Cash Flow Summary

Venture Capital



### BlackRock Vesey Street Fund V LP

As of June 30, 2024

#### **Fund Information**

**Type of Fund:** Fund Of Funds **Vintage Year:** 2012

Strategy Type: Hybrid Management Fee: 0.65% on committed capital during the investment period and on invested

capital thereafter

Preferred Return: 5% on primaries, 10% on secondary investments and 17.5% on direct co- Inception: 03/21/2012

investments

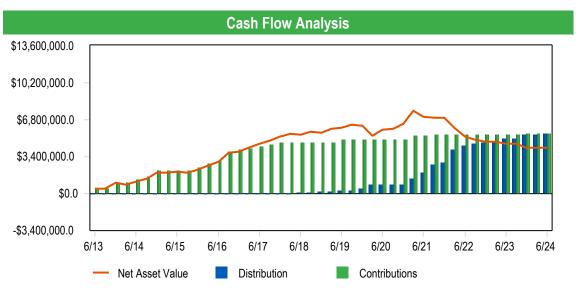
**Final Close:** 07/31/2014

Investment Strategy: Designed to provide capital appreciation through diversified private equity funds and direct co-investments with General Partners. Primary funds are up to 75% of the

investment program, direct co-investments can be up to 30%, and secondary investments can be up to 15%. BlackRock emphasizes its experience in direct co-investments, where it looks to systematically source, and "cherry pick" ideas from the best General Partners. BlackRock looks to use direct co-investments as a diversification, risk

mitigation, and alpha generation tool. The allocation to secondary funds is seen as opportunistic.

#### **Cash Flow Summary** \$6,500,000 **Capital Committed:** \$5,478,310 **Total Contributions:** Remaining Capital Commitment: \$1,086,690 \$5,475,479 **Total Distributions:** \$4.218.523 Market Value: **Inception Date:** 05/23/2013 Inception IRR: 8.8 TVPI: 1.8 DPI: 1.0



### Hamilton Lane Private Equity Offshore Fund VI, LP

As of June 30, 2024

#### **Fund Information**

**Type of Fund:** Fund Of Funds **Vintage Year:** 2007

Strategy Type: Hybrid Management Fee: 50 bps year 1, 75 bps year 2, 100 bps years 3 to 9, 90 bps year 10, 81

bps year 11, 73 bps year 12, 66 bps year 13, 59 bps year 14

Preferred Return: Inception: 10/01/2007

**Final Close:** 

Investment Strategy: The global diversified portfolio will allocate to buyouts (US and Europe), venture capital/growth equity, distressed/credit, and secondaries and will consider opportunities

across geographies. The Fund has the ability to make direct co-investments in private equity portfolio companies and is expected to be minimal.

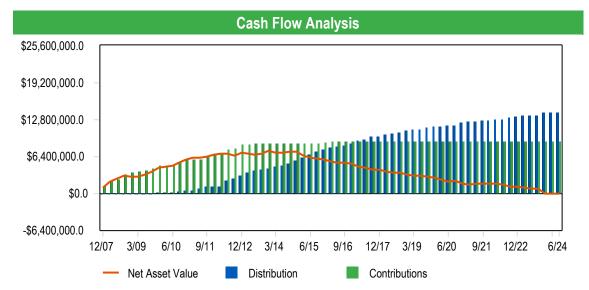
# Cash Flow Summary

Capital Committed:\$10,000,000Total Contributions:\$9,014,688Remaining Capital Commitment:\$985,312

Total Distributions: \$14,061,936 Market Value: \$16,271

Inception Date: 12/18/2007
Inception IRR: 8.2

**TVPI:** 1.6 **DPI:** 1.6



### Hamilton Lane Private Equity Offshore Fund VIII, LP

As of June 30, 2024

#### **Fund Information**

Type of Fund: Fund Of Funds Vintage Year: 2012

Strategy Type: Diversified Management Fee: 50 bps year 1, 75 bps year 2, 100 bps years 3 to 9, thereafter fees will

decline by 10% per year

Preferred Return: 04/01/2013

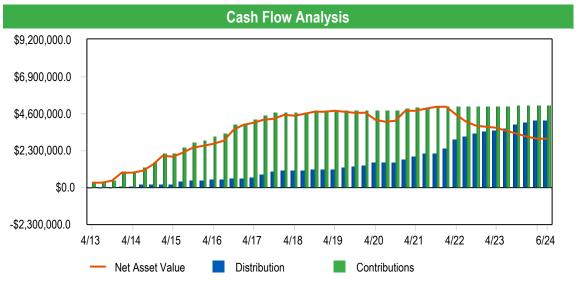
Final Close: April 2014

Investment Strategy: The global diversified portfolio will allocate to buyouts (20% US and 15% Europe), venture capital/growth equity (15%), distressed/credit (20%), emerging markets (15%) and

secondaries (15%) and will consider opportunities across geographies (approximately 70% US and 30% Non-US). The Fund has the ability to make direct co-investments in private equity portfolio companies, but this will be limited to no more than 10% of the Fund, and is expected to be minimal. Commitments will be made across 4 vintage years

seeking exposure to different market cycles and avoiding significant exposure to any single adverse cycle, should this occur.

#### **Cash Flow Summary** \$6,500,000 **Capital Committed: Total Contributions:** \$5,118,377 Remaining Capital Commitment: \$1,503,585 **Total Distributions:** \$4.141.000 \$3.069.916 Market Value: **Inception Date:** 04/25/2013 Inception IRR: 5.8 TVPI: 1.4 DPI: 8.0



### Landmark Equity Partners XV, LP

As of June 30, 2024

#### **Fund Information**

Type of Fund: Secondary Vintage Year: 2013
Strategy Type: Hybrid Management Fee:

Preferred Return: 8% Inception: 02/01/2015

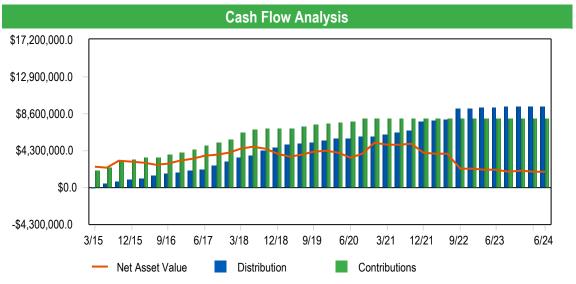
Final Close: Dec. 2014

Investment Strategy: The strategy provides investors with exposure across all of the private equity secondaries strategies, with a focus on the middle market, where price is often not the only

determining factor. The portfolio construction includes target allocations to the full range of buyout capitalization fund sizes, as well as venture capital and mezzanine in both

the U.S. and globally to capture the full range of possible alpha generating opportunities across various market cycles.

#### **Cash Flow Summary Capital Committed:** \$10,000,000 \$8,027,332 **Total Contributions:** Remaining Capital Commitment: \$2,028,175 \$9.411.630 **Total Distributions:** \$1.856.101 Market Value: **Inception Date:** 02/10/2015 Inception IRR: 12.2 TVPI: 1.4 DPI: 1.2



# Lexington Capital Partners VIII, LP

As of June 30, 2024

#### **Fund Information**

Fund Of Funds Vintage Year: 2014 Type of Fund: 1% **Strategy Type:** Secondaries **Management Fee:** Inception: 01/01/2014

**Preferred Return:** 7%

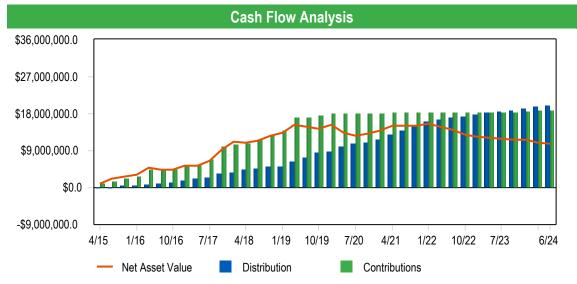
04/17/2015 Final Close:

**Investment Strategy:** 

Lexington Capital Partners VIII ("LCP VIII") will focus on acquiring mature portfolios of global buyout, mezzanine and venture capital partnership interests. While LCP VIII is expected to concentrate on acquiring portfolios of interests in global private investment funds, it will also consider a full range of transaction types, including direct secondary investments, hedge fund private equity assets, institutional equity co-investments (directs), capital financial spin-outs and private investment fund recapitalizations. Typically, LCP VIII will target a Limited Partnership interest which is 75% - 80% funded (i.e., drawn down), and five years in age which represents an approximate inflexion point where the private equity fund has begun to turn around or is about to enter its liquidity phase. At times, LCP VIII will consider acquiring a "tail-end" partnership interest which is fully funded, but represents an excellent "unrealized" portfolio. The anticipated portfolio allocation for LCP VIII will be approximately 60% buyouts (including 25% Western Europe), 15% venture capital, 12% growth equity, 5% infrastructure, 3% energy and 5% credit. Geographically, the Fund is expected to be 65% U.S., 25% Western Europe and 10% Asia/Rest of World.

Cash Flow Summary								
Capital Committed: Total Contributions:	\$20,000,000 \$18,644,762							
Remaining Capital Commitment:	\$1,364,370							
Total Distributions: Market Value:	\$20,046,586 \$10,721,730							

**Inception Date:** 04/27/2015 Inception IRR: 15.0 TVPI: 1.7 DPI: 1.1



**Strategy Type:** 

### PRIT Fund Private Equity 2015

As of June 30, 2024

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Type of Fund: Fund Of Funds Vintage Year: 2015

Hybrid Management Fee: Fees are not charged to local retirement systems participating in the PRIT.

PRIM's actual budgeted expenditures are "passed through" to the client on a monthly basis, and are netted from the investment returns. Actual

monthly expenses are allocated t

Preferred Return: Inception: 04/01/2015

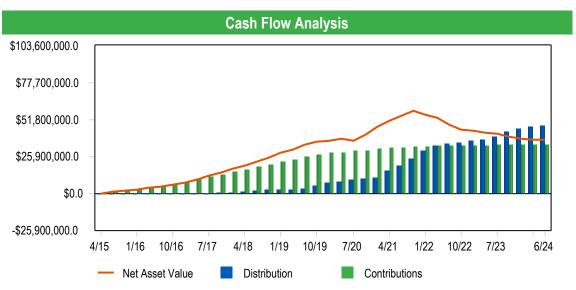
Final Close: Dec 2014

**Investment Strategy:** Historically, the investment selection includes several re-ups with the same managers, and this is expected to continue. However, the team expects to add a few new

managers in each Vintage Year Fund. The focus is on funds at the smaller end, defined as fund sizes of \$800 million to \$2 billion. The commitment amounts to underlying

funds range from \$20 million to \$300 million, and it is expected that there will be a few at the higher end in each Vintage Year Fund.

#### **Cash Flow Summary Capital Committed:** \$33,000,000 **Total Contributions:** \$34,347,673 Remaining Capital Commitment: -\$367,614 \$47.721.625 **Total Distributions:** \$37.677.282 Market Value: **Inception Date:** 04/01/2015 Inception IRR: 22.7 TVPI: 2.5 DPI: 1.4



**Strategy Type:** 

### PRIT Fund Private Equity 2016

Hybrid

As of June 30, 2024

#### **Fund Information**

Type of Fund: Fund Of Funds Vintage Year: 2016

**Management Fee:** Fees are not charged to local retirement systems participating in the PRIT.

PRIM's actual budgeted expenditures are "passed through" to the client on a monthly basis, and are netted from the investment returns. Actual

monthly expenses are allocated t

Preferred Return: Inception: 04/01/2016

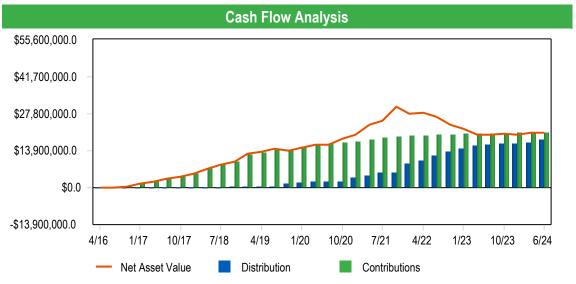
Final Close: Dec 2015

**Investment Strategy:** Historically, the investment selection includes several re-ups with the same managers, and this is expected to continue. However, the team expects to add a few new

managers in each Vintage Year Fund. The focus is on funds at the smaller end, defined as fund sizes of \$800 million to \$2 billion. The commitment amounts to underlying

funds range from \$20 million to \$300 million, and it is expected that there will be a few at the higher end in each Vintage Year Fund.

#### **Cash Flow Summary Capital Committed:** \$22,000,000 **Total Contributions:** \$20,599,828 Remaining Capital Commitment: \$2,081,644 \$18.149.347 **Total Distributions:** \$20,534,888 Market Value: **Inception Date:** 04/01/2016 Inception IRR: 16.1 TVPI: 1.9 DPI: 0.9



### PRIT Fund Private Equity 2017

As of June 30, 2024

#### **Fund Information**

Type of Fund: Fund Of Funds Vintage Year: 2017

Strategy Type: Hybrid Management Fee: Fees are not charged to local retirement systems participating in the PRIT.

PRIM's actual budgeted expenditures are "passed through" to the client on a monthly basis, and are netted from the investment returns. Actual

monthly expenses are allocated t

Preferred Return: Inception: 06/01/2017

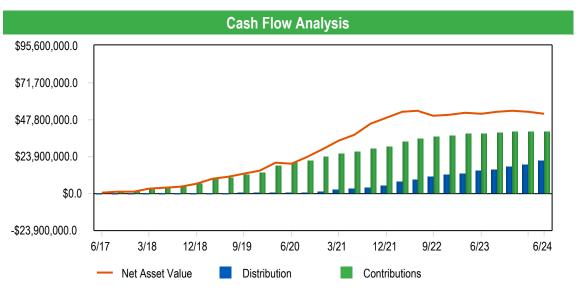
Final Close: Dec 2016

**Investment Strategy:** Historically, the investment selection includes several re-ups with the same managers, and this is expected to continue. However, the team expects to add a few new

managers in each Vintage Year Fund. The focus is on funds at the smaller end, defined as fund sizes of \$800 million to \$2 billion. The commitment amounts to underlying

funds range from \$20 million to \$300 million, and it is expected that there will be a few at the higher end in each Vintage Year Fund.

#### **Cash Flow Summary Capital Committed:** \$41,000,000 \$40,245,902 **Total Contributions:** Remaining Capital Commitment: \$2,716,752 \$21.272.416 **Total Distributions:** \$51.725.605 Market Value: **Inception Date:** 05/01/2017 Inception IRR: 18.5 TVPI: 1.8 DPI: 0.5



### PRIT Fund Private Equity 2018

As of June 30, 2024

#### **Fund Information**

Type of Fund: Fund Of Funds Vintage Year: 2018

Strategy Type: Hybrid Management Fee: Fees are not charged to local retirement systems participating in the PRIT.

PRIM's actual budgeted expenditures are "passed through" to the client on a monthly basis, and are netted from the investment returns. Actual

monthly expenses are allocated t

Preferred Return: Inception: 06/01/2018

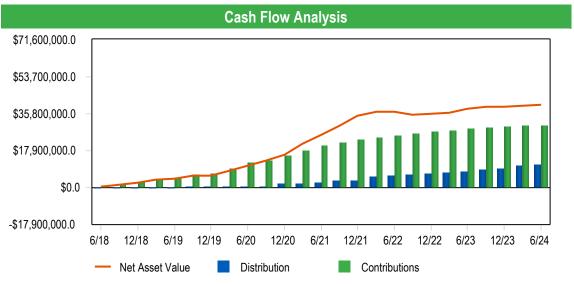
Final Close: Dec 2017

**Investment Strategy:** Historically, the investment selection includes several re-ups with the same managers, and this is expected to continue. However, the team expects to add a few new

managers in each Vintage Year Fund. The focus is on funds at the smaller end, defined as fund sizes of \$800 million to \$2 billion. The commitment amounts to underlying

funds range from \$20 million to \$300 million, and it is expected that there will be a few at the higher end in each Vintage Year Fund.

#### **Cash Flow Summary Capital Committed:** \$32,000,000 **Total Contributions:** \$30,120,409 Remaining Capital Commitment: \$2,825,862 \$11.323.502 **Total Distributions:** \$40.273.551 Market Value: **Inception Date:** 06/01/2018 Inception IRR: 18.7 TVPI: 1.7 DPI: 0.4



**Strategy Type:** 

### PRIT Fund Private Equity 2019

Hybrid

As of June 30, 2024

#### **Fund Information**

Type of Fund: Fund Of Funds Vintage Year: 2019

**Management Fee:** Fees are not charged to local retirement systems participating in the PRIT.

PRIM's actual budgeted expenditures are "passed through" to the client on a monthly basis, and are netted from the investment returns. Actual

monthly expenses are allocated t

Preferred Return: Inception: 04/01/2019

Final Close: December 2018

**Investment Strategy:** Historically, the investment selection includes several re-ups with the same managers, and this is expected to continue. However, the team expects to add a few new

managers in each Vintage Year Fund. The focus is on funds at the smaller end, defined as fund sizes of \$800 million to \$2 billion. The commitment amounts to underlying

funds range from \$20 million to \$300 million, and it is expected that there will be a few at the higher end in each Vintage Year Fund.

# Cash Flow Summary

Capital Committed: \$28,000,000

Total Contributions: \$25,004,827

Remaining Capital Commitment: \$3,146,415

 Total Distributions:
 \$8,132,253

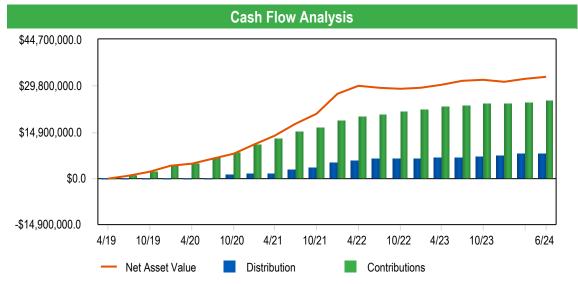
 Market Value:
 \$32,699,532

 Inception Date:
 04/01/2019

 Inception IRR:
 20.1

 TVPI:
 1.6

DPI: 0.3



### PRIT Fund Private Equity 2020

As of June 30, 2024

#### **Fund Information**

Type of Fund: Fund Of Funds Vintage Year: 2020

Strategy Type: Hybrid Management Fee: Fees are not charged to local retirement systems participating in the PRIT.

PRIM's actual budgeted expenditures are "passed through" to the client on a monthly basis, and are netted from the investment returns. Actual

monthly expenses are allocated t

Preferred Return: Inception: 12/01/2019

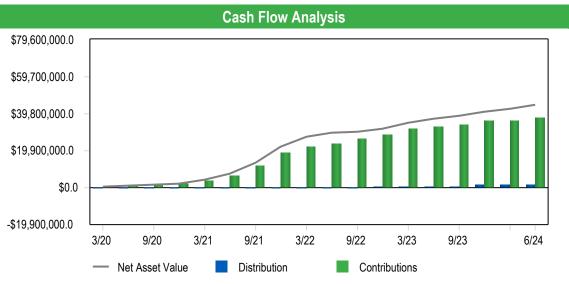
Final Close:

Investment Strategy: Historically, the investment selection includes several re-ups with the same managers, and this is expected to continue. However, the team expects to add a few new

managers in each Vintage Year Fund. The focus is on funds at the smaller end, defined as fund sizes of \$800 million to \$2 billion. The commitment amounts to underlying

funds range from \$20 million to \$300 million, and it is expected that there will be a few at the higher end in each Vintage Year Fund.

#### **Cash Flow Summary Capital Committed:** \$46,000,000 **Total Contributions:** \$37,542,615 Remaining Capital Commitment: \$9,186,474 \$1,457,253 **Total Distributions:** \$44,908,900 Market Value: **Inception Date:** 03/02/2020 Inception IRR: 9.7 TVPI: 1.2 DPI: 0.0



**Strategy Type:** 

### PRIT Fund Private Equity 2021

Hybrid

As of June 30, 2024

#### **Fund Information**

Type of Fund: Fund Of Funds Vintage Year: 2021

**Management Fee:** Fees are not charged to local retirement systems participating in the PRIT.

PRIM's actual budgeted expenditures are "passed through" to the client

on a monthly basis, and are netted from the investment returns.

Preferred Return: Inception: 04/01/2021

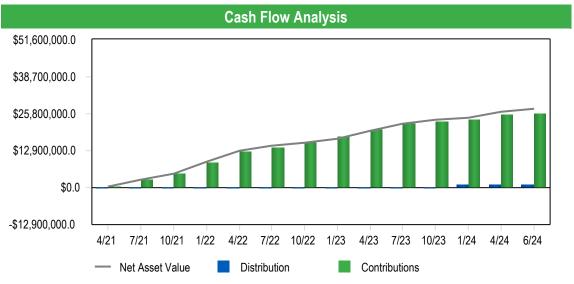
Final Close: December 2020

Investment Strategy: Historically, the investment selection includes several re-ups with the same managers, and this is expected to continue. However, the team expects to add a few new

managers in each Vintage Year Fund. The focus is on funds at the smaller end, defined as fund sizes of \$800 million to \$2 billion. The commitment amounts to underlying

funds range from \$20 million to \$300 million, and it is expected that there will be a few at the higher end in each Vintage Year Fund.

#### **Cash Flow Summary Capital Committed:** \$37,000,000 **Total Contributions:** \$25,941,412 Remaining Capital Commitment: \$11,359,543 \$987.538 **Total Distributions:** \$27,501,810 Market Value: **Inception Date:** 04/01/2021 Inception IRR: 5.0 TVPI: 1.1 DPI: 0.0



### PRIT Fund Private Equity 2022

As of June 30, 2024

#### **Fund Information**

**Type of Fund:** Fund Of Funds **Vintage Year:** 2022

Strategy Type: Hybrid Management Fee: Fees are not charged to local retirement systems participating in the PRIT.

PRIM's actual budgeted expenditures are "passed through" to the client

on a monthly basis, and are netted from the investment returns.

Preferred Return: Inception: 03/01/2022

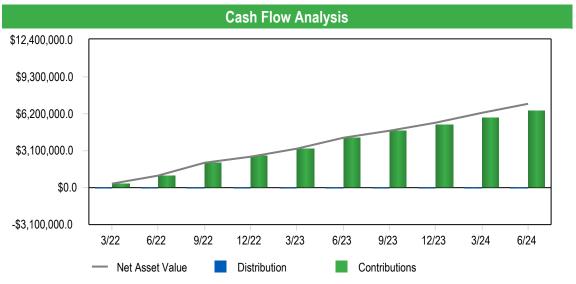
Final Close: December 2021

Investment Strategy: Historically, the investment selection includes several re-ups with the same managers, and this is expected to continue. However, the team expects to add a few new

managers in each Vintage Year Fund. The focus is on funds at the smaller end, defined as fund sizes of \$800 million to \$2 billion. The commitment amounts to underlying

funds range from \$20 million to \$300 million, and it is expected that there will be a few at the higher end in each Vintage Year Fund.

#### **Cash Flow Summary Capital Committed:** \$17,000,000 **Total Contributions:** \$6,438,754 Remaining Capital Commitment: \$10,578,806 \$1.575 **Total Distributions:** \$7.008.993 Market Value: **Inception Date:** 03/01/2022 Inception IRR: 6.6 TVPI: 1.1 DPI: 0.0



**Strategy Type:** 

### PRIT Fund Private Equity 2023

Hybrid

As of June 30, 2024

#### **Fund Information**

Type of Fund: Fund Of Funds Vintage Year: 2023

**Management Fee:** Fees are not charged to local retirement systems participating in the PRIT.

PRIM's actual budgeted expenditures are "passed through" to the client

on a monthly basis, and are netted from the investment returns.

Preferred Return: Inception: 03/01/2023

Final Close: December 2022

Investment Strategy: Historically, the investment selection includes several re-ups with the same managers, and this is expected to continue. However, the team expects to add a few new

managers in each Vintage Year Fund. The focus is on funds at the smaller end, defined as fund sizes of \$800 million to \$2 billion. The commitment amounts to underlying

funds range from \$20 million to \$300 million, and it is expected that there will be a few at the higher end in each Vintage Year Fund.

### **Cash Flow Summary**

Capital Committed:\$15,000,000Total Contributions:\$1,613,739Remaining Capital Commitment:\$13,392,835

Total Distributions: \$285

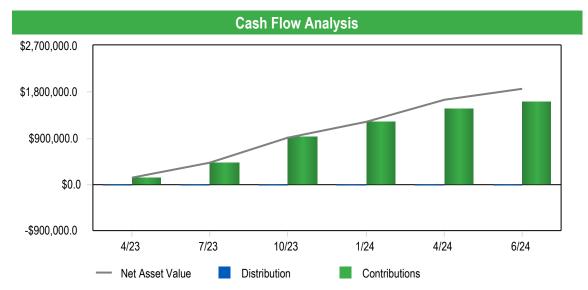
**Market Value:** \$1,866,766

 Inception Date:
 04/03/2023

 Inception IRR:
 21.0

 TVPI:
 1.2

 DPI:
 0.0



### PRIT Fund Private Equity 2024

Hybrid

As of June 30, 2024

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Fun		<b>orm</b>	าวt	ION.
	T a B	UHI	пац	III

Type of Fund: Fund Of Funds Vintage Year: 2024

**Management Fee:** Fees are not charged to local retirement systems participating in the PRIT.

PRIM's actual budgeted expenditures are "passed through" to the client

on a monthly basis, and are netted from the investment returns.

Preferred Return: Inception: 04/01/2024

Final Close:

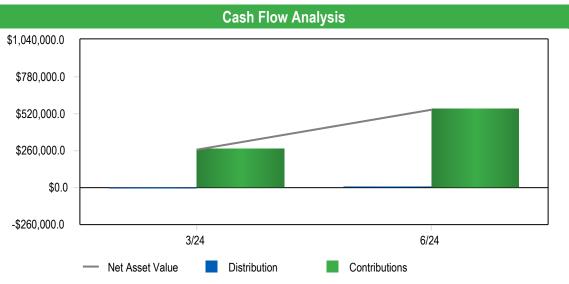
**Strategy Type:** 

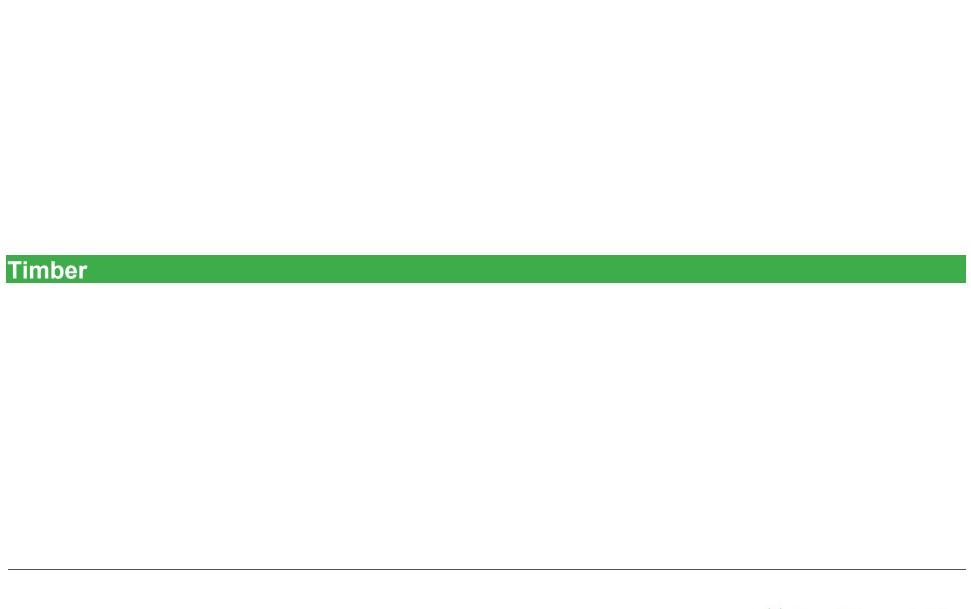
Investment Strategy: Historically, the investment selection includes several re-ups with the same managers, and this is expected to continue. However, the team expects to add a few new

managers in each Vintage Year Fund. The focus is on funds at the smaller end, defined as fund sizes of \$800 million to \$2 billion. The commitment amounts to underlying

funds range from \$20 million to \$300 million, and it is expected that there will be a few at the higher end in each Vintage Year Fund.

#### **Cash Flow Summary Capital Committed:** \$50,000,000 \$553,704 **Total Contributions:** Remaining Capital Commitment: \$49,454,939 \$6.898 **Total Distributions:** \$544.697 Market Value: **Inception Date:** 03/01/2024 Inception IRR: -0.4TVPI: 1.0 DPI: 0.0





Hancock Timber X As of June 30, 2024

#### **Fund Information**

Type of Fund: Partnership Vintage Year: 2010
Strategy Type: Timber Management Fee:

Preferred Return: 05/01/2010

**Final Close:** 

Market Value:

Investment Strategy: Hancock Timber is an advocate of global diversification in order to reduce the volatility of returns and provide greater investment opportunities. Since regional timberland

returns are imperfectly correlated, geographic diversification enhances performance. It also strengthens their understanding of regional and local timber and timberland market conditions. Furthermore, they perform intensive forest management at a relatively low cost via Hancock Forest Management (HFM) to strengthen performance. HFM provides alignment of interest ensuring assets are well protected and that property information is secure. The primary risks associated with timberland investments are (1) timber price risk, (2) harvest volume and regulatory risk, and (3) property value and liquidity risk. Hancock Timber's core global investment regions are the US South, US

North, US West, South America, Scandinavia, Australia, and New Zealand.

### Cash Flow Summary

\$19.699.094

Capital Committed: \$18,500,000

Total Contributions: \$14,786,415

Remaining Capital Commitment: \$3,713,585

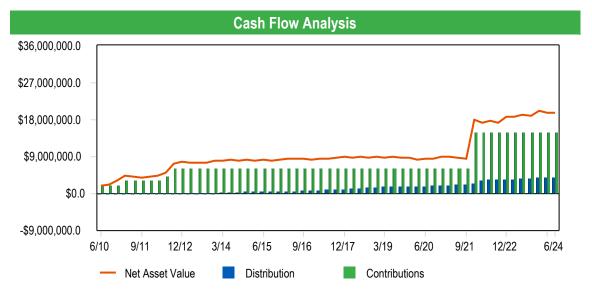
Total Distributions: \$3,954,423

Inception Date: 05/03/2010

 Inception IRR:
 7.2

 TVPI:
 1.6

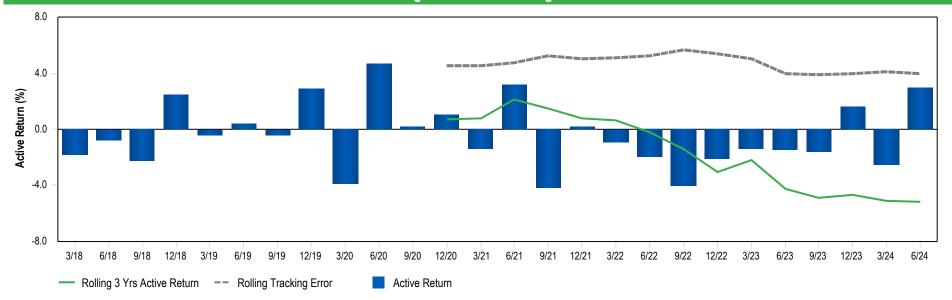
 DPI:
 0.3



# Hancock Timberland and Farmland Fund

# As of June 30, 2024

		(	Gain / Loss					
	1 Quarter	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date
Hancock Timberland and Farmland Fund								01/01/2018
Beginning Market Value	45,528,154	45,381,960	15,902,398	5,782,743			168,000	
Net Cash Flows	-286,068	-1,300,519	27,561,746	36,138,650			41,520,850	
Income								
Gain/Loss	1,684,778	2,845,423	3,462,720	5,005,471			5,238,014	
Ending Market Value	46,926,864	46,926,864	46,926,864	46,926,864			46,926,864	



	Performan	се						
	1 Qtr	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Since Inception	Inception Date
Hancock Timberland and Farmland Fund	3.7	6.4	3.4	4.5			4.0	01/01/2018
(50%) NCREIF Timberland Property Index/(50%) NCREIF Farmland Property Index	0.7	6.1	8.9	6.5	6.0	6.4	6.0	
Difference	3.0	0.3	-5.5	-2.0			-2.0	

### Campbell Global Timber Fund

As of June 30, 2024

#### **Fund Information**

Type of Fund: Partnership Vintage Year: 2017

Strategy Type:TimberManagement Fee:75 bps on all assetsPreferred Return:10%Inception:12/31/2016

**Final Close:** 12/31/2018

Investment Strategy: The Campbell Global Timber Fund is targeting commitments of \$500 million with a minimum commitment of \$10 million. The Fund will allocate at least 70% of capital to

seven core countries – Australia, Brazil, New Zealand, United States, Uruguay, Canada and Chile – that possess developed timberlands and timber markets. The balance of the Fund will consist of opportunistic investments in emerging timberland markets. The Fund will focus on existing plantations, or at least during the early stages of the fund. The team will consider greenfield plantations but wants to ensure there is healthy income generation before investing in these types of assets. It is a sequencing exercise, as

the fund will make cash-flow producing investments to support future greenfield acquisitions. Transactions will range in size from \$20m to \$100m.

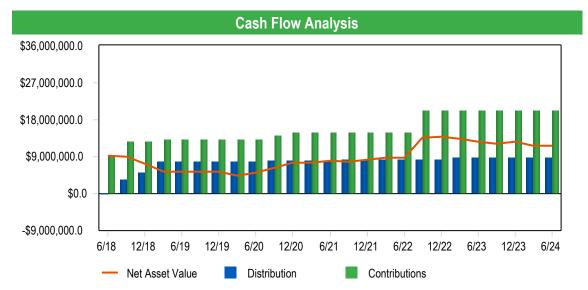
# Capital Committed: \$15,000,000

Total Contributions: \$20,255,907
Remaining Capital Commitment: \$3,412,444

Total Distributions: \$8,734,480 Market Value: \$11,716,436

Inception Date: 06/12/2018
Inception IRR: 0.4

**TVPI:** 1.0 **DPI:** 0.4



#### Cambridge Retirement Board Investment Manager Roster

INVESTMENT MANAGERS	BENCHMARK	STATED STYLE	FEE STRUCTURE			
Rhumbline Russell 1000	Russell 1000	Large Cap Core	1.5 bps on all assets			
BNY Mellon Russell 2000	Russell 2000	Small Cap Core	1.0 bps on all assets			
Rhumbline EAFE Index	MSCI EAFE	International Equity	4.85 bps on all assets			
Acadian	MSCI EAFE	International Equity	75 bps firsr \$20 mill, 60 bps next \$30 mill, 50 bps next \$100 mill, 40 bps thereafter			
Aberdeen	MSCI Emg Mkts	Emerging Markets	85.5 bps first \$50 mill, 72 bps next \$50 mill, 67.5 bps thereafter			
BNY Mellon EM Index Fund	MSCI Emg Mkts	Emerging Markets	3.5 bps on all assets			
RBC	MSCI Emg Mkts	Emerging Markets	70 bps first \$50 mill, 65 bps next \$50 mill, 60 bps thereafter			
Fidelity Fixed	Bloomberg Aggregate	Active Core	20 bps first \$50 mill, 17.5 bps next \$50 mill, 10 bps next \$100 mill, 8.5 bps thereafter			
Garcia Hamilton	Bloomberg Aggregate	Active Core	25 bps first \$25 mill, 20 bps next \$25 mill, 15 bps next \$50 mill, 12 bps next \$100 mill, 10 bps thereafter			
Income Research Management	Bloomberg Aggregate	Active Core	35 bps first \$25 mill, 25 bps next \$25 mill, 20 bps next \$50 mill, 15 bps thereafter			
Mesirow	Bloomberg US Corp High Yield	High Yield	48 bps on all assets			
Pinebridge	Morningstar LSTA Leveraged Loan	Bank Loan	40 bps on all assets			
Marathon EM Market Debt	JPM EMBI Global Diversified	Emerging Market Debt	38 bps on all assets			
Wellington EM Market Debt	JPM GBI-EM Global Diversified	Emerging Market Debt	60 bps on all assets			
UBS Trumbull Property Fund	NCREIF ODCE EQW	Real Estate	95.5 bps first \$10 mill, 82.5 bps next \$15 mill, 80.5 bps next \$25 mill, 79 bps next \$50 mill, 67 bps next \$150, 60 bps thereafter (Incentive Fee varies)			
Intercontinental	NCREIF ODCE EQW	Real Estate	110 bps first \$25M, 100 bps next \$50M, 85 bps next \$100M, 75 bps thereafter			
JP Morgan SPF	NCREIF ODCE EQW	Real Estate	100 bps on NAV			
PRIT Real Estate	NCREIF ODCE EQW	Real Estate	See PPM for further detail-management fee			
Hancock Timberland X	NCREIF Timberland	Timber	0.95% on committed capital			
Hancock Timber and Farmland	(50%) NCREIF Timberland Property/(50%) NCREIF Farmland Property	Timber	100 bps on NAV			
Campbell	NCREIF Timberland	Timber	75 bps on NAV			
Landmark Real Estate VI	NCREIF NPI	Real Estate	1% of committed capital			
Penn Square Global Real Estate II	NCREIF NPI	Real Estate	1% of committed capital			
Rockwood IX	NCREIF NPI	Real Estate	Blended rate multiplied by Limited Partner's capital commitment			
Ascent Ventures V	CA US Private Equity Index	Venture Capital	2.5% of committed capital. Effective April 15, 2014, and each subsequent anniversary, the fee percentage shall be equal to 90% of the fee percentage from the immediately preceding 12 month period, subject to a minimum of 1.5%			
BlackRock V	CA US Private Equity Index	Private Equity Fund of Funds	See PPM for further detail-management fee includes two options			
Hamilton Lane VI	CA US Private Equity Index	Private Equity Fund of Funds	50 bps year 1, 75 bps year 2, 100 bps years 3 to 9, over 9 years fee will decline by 10% per year			
Hamilton Lane VIII	CA US Private Equity Index	Private Equity Fund of Funds	50 bps year 1, 75 bps year 2, 100 bps years 3 to 9, over 9 years fee will decline by 10% per year			
Landmark Equity Partners XV	CA US Private Equity Index	Private Equity Secondary Fund of Funds	100 bps on Committment Years 1-4, 100 bps on Base Amount Years 5-8, 100 bps on Reported Value Years 9 and after			

#### Cambridge Retirement Board Investment Manager Roster

INVESTMENT MANAGERS	BENCHMARK	STATED STYLE	FEE STRUCTURE
Lexington VIII	CA US Private Equity Index	Private Equity Secondary Fund of Funds	See PPM for further detail-management fee
PRIT Private Equity 2015	CA US Private Equity Index	Private Equity Fund of Funds	See PPM for further detail-management fee
PRIT Private Equity 2016	CA US Private Equity Index	Private Equity Fund of Funds	See PPM for further detail-management fee
PRIT Private Equity 2017	CA US Private Equity Index	Private Equity Fund of Funds	See PPM for further detail-management fee
PRIT Private Equity 2018	CA US Private Equity Index	Private Equity Fund of Funds	See PPM for further detail-management fee
PRIT Private Equity 2019	CA US Private Equity Index	Private Equity Fund of Funds	See PPM for further detail-management fee
PRIT Private Equity 2020	CA US Private Equity Index	Private Equity Fund of Funds	See PPM for further detail-management fee
PRIT Private Equity 2021	CA US Private Equity Index	Private Equity Fund of Funds	See PPM for further detail-management fee
PRIT Private Equity 2022	CA US Private Equity Index	Private Equity Fund of Funds	See PPM for further detail-management fee
PRIT Private Equity 2023	CA US Private Equity Index	Private Equity Fund of Funds	See PPM for further detail-management fee
PRIT Private Equity 2024	CA US Private Equity Index	Private Equity Fund of Funds	See PPM for further detail-management fee
IFM	CPI + 3.5%	Infrastructure	0.97% per annum based on NAV for commitments less than \$300M
Cambridge Bancorp	S&P 500	Special Investments	N/A
Cash Account	91 Day T-Bill	Cash	N/A

Note: The fee schedule shown does not include the additional fees/expenses that commingled funds charge to run the fund.

The additional expenses vary based on asset levels and actual expenses. These expenses are paid out of the Fund and are netted out of the NAV.



# **Statistics Definition**

Statistics	Definition
Return	- Compounded rate of return for the period.
Standard Deviation	- A statistical measure of the range of a portfolio's performance, the variability of a return around its average return over a specified time period.
Sharpe Ratio	- Represents the excess rate of return over the risk free return divided by the standard deviation of the excess return. The result is the absolute rate of return per unit of risk. The higher the value, the better the product's historical risk-adjusted performance.
Alpha	- A measure of the difference between a portfolio's actual returns and its expected performance, given its level of risk as measured by beta. It is a measure of the portfolio's historical performance not explained by movements of the market, or a portfolio's non-systematic return.
Beta	- A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of a portfolio's non-diversifiable or systematic risk.
R-Squared	- The percentage of a portfolio's performance explained by the behavior of the appropriate benchmark. High R-Square means a higher correlation of the portfolio's performance to the appropriate benchmark.
Tracking Error	- A measure of the standard deviation of a portfolio's performance relative to the performance of an appropriate market benchmark.
Information Ratio	- Measured by dividing the active rate of return by the tracking error. The higher the Information Ratio, the more value-added contribution by the manager.
Active Return	- Arithmetic difference between the managers return and the benchmark return over a specified time period.
Up Market Capture	- The ratio of average portfolio return over the benchmark during periods of positive benchmark return. Higher values indicate better product performance.
Down Market Capture	- The ratio of average portfolio return over the benchmark during periods of negative benchmark return. Lower values indicate better product performance