

City of Cincinnati Retirement System Investment Committee Meeting

Agenda

November 2, 2023 / 12:00 P.M. City Hall, Council Chambers and via Zoom

Members

<u>Staff</u> Jon Salstrom, Executive Director

Bill Moller, Chair Tom Gamel, Vice Chair Kathy Rahtz Mark Menkhaus, Jr. Monica Morton John Juech Tom West Seth Walsh Aliya Riddle

Call to Order

Public Comment

Approval of Minutes

Meeting Minutes – August 3, 2023

Old Business

Review of board recommendations to asset allcoation from Feb'23 - Fixed Income Funding Update

New Business

- 4 Quarterly Investment Report and the Current Market Environment Report
- Asset Allocation Study

Adjournment

Next Meeting: Thursday, February 1, 2024, 12:00 P.M. City Hall Council Chambers and via Zoom



City of Cincinnati Retirement System Investment Committee Meeting Minutes August 3, 2023/ 12:00 P.M. City Hall – Council Chambers and remote

Committee Members Present

Bill Moller, Chair Tom Gamel, Vice Chair Kathy Rahtz Mark Menkhaus, Jr. Monica Morton John Juech Tom West Seth Walsh Aliya Riddle **Administration**

Karen Alder Bev Nussman Keva Eleam Mike Barnhill, Contractor

CALL TO ORDER

Chair Moller called the meeting to order at 12:05p.m. and a roll call of attendance was taken. Trustees Moller, Gamel, Menkhaus, Rahtz, Morton, and West were present. Trustees Juech, Riddle, and Walsh were absent.

APPROVAL OF MINUTES

Approval of the minutes of the Investment Committee meeting of June 8, 2023, was moved by Trustee Gamel and seconded by Trustee Rahtz. The minutes were approved by unanimous roll call vote.

PUBLIC COMMENT

No public comment.

Old Business

Fixed Income Manager Search – Core Manager Candidate Presentations

Diamond Hill – Henry Song and Marques Highland presented.

- All employees are shareholders and 80% are Ohio residents.
- Stressed diversity efforts.
- Bottom-up security selection & valuation focuses on long-term results in evaluating

investment results.

- Security selection drives the portfolio construction. Investments limited to plus/minus 10% of benchmark to manage risk.
- Performance goal of 50 to 100 basis points spread over the benchmark. Protect the downside by a limit of 60 basis points to the benchmark. Take less interest rate and credit risk than peers. Do well when the markets experience a downturn.
- Typically invest 80% of assets in diversified mix of investment grade, fixed income securities and may invest a significant portion in mortgage-backed securities.
- 57% of portfolio is AAA. Less than 20% BBB or below.
- 7th in peer group quartile rankings since inception and 10th over the last five years.
- Questions:
 - Trustee Gamel asked when the company was founded and how many employees do they have. The response was incorporated in 2000 and 129 employees.
 - Trustee Gamel asked what type of securities they like, and they explained they prefer securities that can withstand the shock of a market move.
 - Trustee Gamel asked how the U.S. Government rating affects their investment and they said it is not impactful.
 - Chair Moller asked what percent of public pensions they have as clients, and they responded that one third of their clients are pensions.
 - Chair Moller asked about the turnover of their staff in the last five years. They
 responded that the turnover for the last 10 years has been 7% and since inception
 only 5% of the investment staff has changed. Most staff have been there more
 than a decade.
 - Chair Moller asked how fixed income is going to play in the next five years. The response was that this is a fantastic time because rates are high and there are large spreads. The market dynamic is that the market size will continue to grow.

Fort Washington Investment Advisors, Inc. - Daniel Carter and Martin Flesher presented.

- The business is 33 years old, has 151 employees, and is based in Cincinnati. It is a subsidiary of Western Southern.
- They are a fiduciary investor and align their interests with those of the client.
- Investment process that balances risk appetite, sector allocation, and security selection. Manage risk throughout the cycle and emphasize bottom-up approach.
- 35 investment professionals who have been with the company on an average of 12 years.
- Management of risk is central, and they have many layers of oversight including an independent Chief Risk Officer.
- Five multi-sector strategies outperforming peers since inception.
- Proprietary risk budgeting with a focus on capital preservation.
- Questions:
 - Trustee Gamel asked if they considered their company a fiduciary investor and they said they align their interest with those of the client.
 - Trustee Gamel asked about turnover for the last 5 years and the response was that a couple of investment team members have left in the past few years, but turnover is very low in the whole organization.
 - Trustee Gamel asked what the ratings were for their investment portfolio and

they response that it is shown on page 18 of their presentation. 52% of the portfolio is AAA.

- Brent Christenson from Marquette asked if they were active in the BBB arena and if so do they adjust quickly as the market changes. They replied that yes they do and that they can adjust quickly with these types of securities.
- Chair Moller asked what percentage of their clients are public pension systems and their response was 7.2% is in pensions which is 12% of overall assets.
- Chair Moller asked how they perceived fixed income as an investment in the future (5-10 years) and they replied it was a good time to invest. They explained that they can create a balanced portfolio to cushion the overall portfolio.

Garcia Hamilton – Ruby Munoz Dang and Jeffrey Detwiler presented.

- They are an MBE firm that was founded in 1988 and are 100% employee owned. They have 39 employees and are based in Houston, TX.
- Investment goal is to outperform the benchmark, net of fees, over a full market cycle using a high-quality strategy with less risk.
- Maintain liquidity to avoid missing market opportunities.
- Sector rotation has been their biggest drive over the past five years.
- Top-down approach. Normally operate in a duration range of plus/minus 10% of the benchmark. In extreme markets, operate in a duration range of plus/minus 25%.
- Stressed the firm's diversity and community initiatives.
- Questions:
 - Chair Moller asked what percentage of their clients are public pension systems and the response was 60%.
 - Chair Moller asked why they do not invest in BBB and will that ever change. They replied that it would not change because this portion of the client's portfolio is there to protect the entire portfolio.
 - Chair Moller asked what their firm's key drivers are and the response was preserving principal, duration, and yield curve management.
 - Chair Moller asked if the firm's market outlook was key to their investment strategy, and they responded yes.
 - Trustee Gamel asked for an example of a sector rotation. The response was the change exposure to corporate securities during the financial crisis until the market recovered. Another example given was during COVID there was a 50-60% change to corporate bonds until the market recovered.
 - Trustee Gamel asked if they are sticking to AAA throughout and the response was yes.

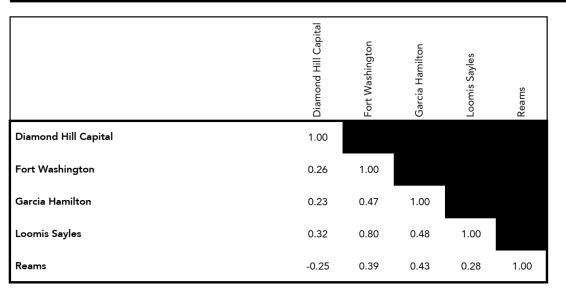
Discussion on Presentations

Trustee Gamel indicated that he liked the presentation made by Garcia. Trustee Moller said Diamond Hill has higher returns and the lowest risk, the highest Sharpe ratio, a higher Alpha and the lowest costs. Director Alder asked Brett Christenson from Marquette Associates to explain the difference between a top-down and bottom-up strategy. Consultant Christenson explained that top-down investing looks at economic factors to make investment decisions while bottom-up strategies focus on the quality of individual securities.

Consultant Christenson explained that 50-60% of Fort Washington Way's and over 60% of Garcia's approach is a top-down strategy. 50% of Diamond Hill's portfolio is based on a bottom-up approach. He stated that Garcia Hamilton portfolio is concentrated with high quality investments. Garcia maintains a very high rated concentrated portfolio. Fort Washingtom Way's portfolio corporate bonds that have a lower yield and that their 30% of BBB gets extra yield but has more risk in a bull environment. He stated that Diamond Hill focuses on securitization. Diamond Hill has a very different approach to the other two. They prefer mortgages and other asset backed securities.

Chair Moller asked if Diamond Hill invests in agency securities. Consultant Christianson replied that some are agency securities, but they find more value in securitized securities, such as mortgages or auto loans.

Consultant Christenson explained that Diamond Hill's expense ratio is the lowest at 18%. Fort Washington Way is at 19% and Garcia Hamilton is at 22%. He explained that the 5-year correlation table on page 17 of Marquette's report (shown below) shows how Diamond Hill is the most unique investor. Diamond Hill offers the most diversification to the existing portfolio.



5 Year Correlations Excess Return

Trustee Gamel asked why we look at the correlation and the response was diversification. All the firms will get to the return but get each a different way. Trustee Morton asked if there is a concern that Diamond Hill has very little pension experience. Consultant Christenson explained that while they are on the smaller side with little exposure to public pensions, he does not feel that it is relevant. However, some pension boards prefer more experience. Some staff at Diamond Hill came from JP Morgan where they gained a lot of experience.

Chair Moller motioned to hire Diamond Hill at \$130-150 million since they offer higher returns, lower risk, the lowest cost, and diversification as a Core Manager. Trustee West seconded the motion. The motion was approved by unanimous roll call vote.

New Business

Fort Washington Way Extension

CRS received a request from Fort Washington Way to extend the investment period for Fund 10 by one year. Fort Washington Way feels there is value to put the dollars in the market. The Chair explained that these types of requests come in frequently and the chair and co-chair sometimes make these decisions in between investment meetings. However, since the timing of this decision coincided with the committee meeting he thought the committee should approve it. Chair Moller made a motion to extend the investment period for Fort Washington Way and the motion was seconded by Trustee Gamel.

Quarterly Investment Report and Current Market Environment Report

Consultant Christenson talked about the annualized performance. The overall fund through June 30, 2023 was up 6.3% net of fees. This return does not include all the private equity investment and an infrastructure fund. Negative returns in real estate have occurred because it lags the rest of the portfolio. However, it has low risk and good returns over the long term. Office leasing is under pressure due to the higher interest rates and is contributing to the negative returns. The US equity portion of the portfolio is down from the Russell 3000 benchmark. This is due to the board's desire to focus on quality. Overall, the market is still very volatile. Consultant Christenson estimated an increase in returns of about 1.8% in July and stated that the returns are slightly above 8% as of today on the portfolio. He stated that the fund has \$2.3 billion in total assets as of today.

Consultant Christenson explained that returns are greater than where we have needed them to be for the past 3 years. Over the past three years, cash flow has been less than investment returns, which takes pressure off the portfolio. Rebalancing in the portfolio is occurring to meet the lowered target on private equity and the increased target for fixed income. Currently, the portfolio is underweighted in real estate so withdraw requests in that area will be reduced. A recent infrastructure draw is not shown on the report. However, since that draw the infrastructure is more aligned with the target. The targets should be mostly balanced by late fall.

Trustee Gamel asked how much we are funding Diamond Hill and the response was between \$90 -100 million.

For the market update, Consultant Christenson noted that the Russel 3000 is up at 16.2% YTD so is the NASDAQ 32.2%. AI is the "buzz" in the market. First half was dominated by growth, small cap was up in July and growth was down, and bond funds finished at 4-5%.

Trustee Gamel made a motion to accept the Quarterly Investment Report and current Market Environment Report and the motion was seconded by Trustee Morton. The motion was approved by unanimous roll call vote. Following a motion to adjourn by Trustee Gamel and seconded by Trustee Rahtz. The Board approved the motion by unanimous roll call vote. The meeting adjourned at 2:08 PM.

Meeting video link: https://archive.org/details/crs-investment-comm-6-8-23

Next Meeting: Thursday, November 2, 2023, at 12:00 P.M. City Hall Council Chambers and via Zoom

Secretary



CRS Asset Allocation Discussion

This presentation is furnished on a confidential basis to the recipient for informational purposes only. For disclosure information, please refer to the end of this presentation.

Background

February 2023 asset allocation

The February asset allocation changes included the following:

- Increase the core bond target from 6% to 9% (currently \$13M short)
- Increase the core plus bond target from 6% to 11.5% (currently \$117M short)
- Decrease the US large cap value target from 3.5% to 2.5% (done)
- Decrease the Non-US equity target from 18% to 16% (done)
- Eliminate the 2.5% risk parity target (done)
- Decrease the private equity target from 10% to 8% (currently \$81M high)
- Withdrawal \$17M from IFM infrastructure (done)
- Withdrawal \$8M from JP Morgan infrastructure (early December receipt)
- May meeting additional \$15M from JP Morgan infrastructure

Source: Preqin



Outstanding withdrawals (\$60M)

- \$8M (February) and \$15M (May) for a total of \$23M from JP Morgan infrastructure early Dec
- \$28,557,590 from JP Morgan Strategic Property Fund small quarterly distributions
- \$9,169,251 from Principal Enhanced Property Fund small quarterly distributions
- \$8,096,078 from Morgan Stanley Prime Property Fund small quarterly distributions

Source: Preqin



CRS as of September 30th preliminary results

An overweight to infrastructure and private equity are the primary culprits to the shortfall in fixed income

	Market Value (\$)	% of Portfolio	Policy %	Policy Range (%)	Policy Difference (\$)
Total Fund Composite	2,184,763,869	100.0	100.0		
Total Fixed Income Composite	407,739,280	18.66	25.5	20.5 - 30.5	(149,375,507)
U.S. Equity Composite	614,004,683	28.10	28.5	23.5 - 33.5	(8,653,020)
Non-U.S. Equity Composite	393,908,866	18.03	18.0	13.0 - 23.0	651,370
Volatility Risk Premium Composite	58,264,879	2.67	2.5	1.0 - 4.0	3,645,782
Real Estate Composite	181,032,288	8.29	7.5	5.0 - 10.0	17,174,998
Infrastructure Composite	258,807,364	11.85	10.0	5.0 - 15.0	40,330,977
Private Equity Composite	256,651,320	11.75	8.0	0.0 - 13.0	81,870,210
Total Cash Equivalents	14,355,189	0.66	0.0		14,355,189

Source: Marquette 3Q2023



Portfolio thoughts

- Marquette believes that real estate is still a viable and important asset class for client portfolios
- However, Marquette also feels that private debt has a stronger outlook over the next 10 years versus real estate
- CRS still has significant value-bias in the public equity portfolio (US Large-Cap, Mid-Cap, Small-Cap and Emerging Markets Small-Cap) Marquette would like to see reduced
- Current value bias is approximately 19% (9% value investments/46.5% total public equity target)
- For consideration, we would like to propose increasing the private debt target, reducing the real estate target and reducing the value-bias in public equities
- In the next few slides we propose the following:
 - reduce the public equity value-bias to 10% (4.5%/44.5%)
 - reduce the international equity target from 18% to 16%
 - reduce the real estate target from 7.5% to 6.0%
 - increase the private debt target from 3% to 6.5%



- In addition to having a better risk/return profile, these changes would help free up some liquid assets to add to fixed income
- These changes would likely also improve distributions from real estate
- In addition to the asset allocation proposal in the following slides, Marquette also recommends moving all infrastructure and real estate managers to dividend distribution instead of dividend reinvestment

Marquette current asset class assumptions

		Average 10 Year		10 Year Annualized Returns				
	Asset Class	Annualized Return	Annualized Volatility	5th Percentile	25th Percentile	50th Percentile	75th Percentile	95th Percentile
ome	Core Bonds	4.8%	4.7%	3.7%	4.3%	4.8%	5.2%	5.9%
Fixed Income	Core Plus	5.6%	5.7%	4.4%	5.1%	5.6%	6.2%	6.9%
Fixe	Opportunistic Credit	7.6%	7.1%	4.3%	6.3%	7.7%	9.0%	10.9%
	All-Cap Core	7.1%	16.7%	-2.2%	3.6%	7.5%	11.0%	16.2%
U.S. Equity	Large-Cap Value	7.0%	19.9%	-4.3%	2.6%	7.3%	11.7%	18.1%
U.S. E	Mid-Cap Value	7.5%	21.2%	-4.8%	2.8%	7.9%	12.6%	18.0%
	Small-Cap Value	8.1%	22.2%	-4.8%	3.5%	8.7%	13.4%	19.3%
Non-U.S. Equity	Broad Non-US Equity	7.5%	22.2%	-4.4%	3.0%	7.7%	12.1%	19.0%
Non Equ	Emerging Markets Small-Cap	7.8%	37.3%	-10.2%	-0.3%	7.8%	15.7%	27.7%
	Hedge Fund - Defensive Equity	6.3%	10.5%	0.0%	3.5%	6.2%	8.9%	13.0%
ves	Core Real Estate	6.5%	5.4%	3.0%	5.0%	6.5%	8.0%	10.3%
Alternatives	Global Infrastructure	6.9%	8.5%	2.3%	5.0%	7.0%	8.8%	11.4%
Alt	Private Debt - Levered	9.9%	8.1%	5.6%	8.3%	9.9%	11.5%	14.1%
	Private Equity - Fund of Funds	11.1%	12.1%	4.6%	8.5%	11.3%	13.9%	17.2%

Source: CRS Asset Allocation study October 2023



Allocation options vs. current portfolio

Asset Class	Current	Option A	Option B
Core Bonds	9.0%	9.0%	9.0%
Core Plus	11.5%	11.5%	11.5%
Opportunistic Credit	2.0%	2.0%	2.0%
Total Fixed Income	22.5%	22.5%	22.5%
All-Cap Core	21.5%	21.5%	24.0%
Large-Cap Value	2.5%	2.5%	2.5%
Mid-Cap Value	2.0%	2.0%	0.0%
Small-Cap Value	2.5%	2.5%	2.0%
Total U.S. Equity	28.5%	28.5%	28.5%
Broad Non-US Equity	16.0%	16.0%	16.0%
Emerging Markets Small-Cap	2.0%	0.0%	0.0%
Total Non-U.S. Equity	18.0%	16.0%	16.0%
Hedge Fund - Defensive Equity	2.5%	2.5%	2.5%
Total Hedge Funds	2.5%	2.5%	2.5%
Core Real Estate	7.5%	6.0%	6.0%
Global Infrastructure	10.0%	10.0%	10.0%
Total Real Assets	17.5%	16.0%	16.0%
Private Debt - Levered	3.0%	6.5%	6.5%
Private Equity - Fund of Funds	8.0%	8.0%	8.0%
Total Private Markets	11.0%	14.5%	14.5%

	Current	Option A	Option B
Avg. Annualized 10 Yr. Return	7.71%	7.75%	7.72%
Avg. Annualized 10 Yr. Volatility	9.92%	9.45%	9.42%
Avg. Return/Avg. Volatility	0.78	0.82	0.82

Source: CRS Asset Allocation study October 2023



Market values before/after proposed Option B

	Asset Class	Market Value	% of Portfolio	Policy %	Policy Difference	Proposed Change	New Market Value	New % of Portfolio	New Policy Difference
Total Fund Composite		2,184,848,772	100.0	100.0	120,166,682	0	2,184,848,772	100.0	
Fixed Income Composite		363,795,289	16.7	22.5	-7,629,002	125,000,000	488,795,289	22.4	-2,795,685
NTGI Agg Bond	Core Fixed Income	182,989,721	8.4	2.0	139,292,746	-140,000,000	42,989,721	2.0	-707,254
Diamond Hill	Core Fixed Income	0	0.0	7.0	-152,939,414	145,000,000	145,000,000	6.6	-7,939,414
Loomis Sayles Core-Plus	Core Plus Fixed Income	134,039,189	6.1	6.0	2,948,263	0	134,039,189	6.1	2,948,263
Reams Core-Plus	Core Plus Fixed Income	0		5.5		120,000,000	120,000,000	5.5	-166,682
Shenkman - Four Points	High Yield Fixed Income	46,766,379	2.1	2.0	3,069,404		46,766,379	2.1	3,069,404
Private Debt Composite		40,455,755	1.9	6.5	-101,559,415	0	40,455,755	1.9	-101,559,415
H.I.G. Bayside Opportunity VI	Private Debt	23,414,898	1.1	-	23,414,898		23,414,898	1.1	23,414,898
Owl Rock Diversified Lending	Private Debt	12,046,487	0.6	2.0	-31,650,488		12,046,487	0.6	-31,650,488
Carlyle Direct Lending IV	Private Debt	4,994,370	0.2	2.0	-38,702,605		4,994,370	0.2	-38,702,605
TBD New Private Debt Mgr	Private Debt	0	0.0	2.5	-54,621,219		0	0.0	-54,621,219
U.S. Equity Composite		614,004,683	28.1	28.5	-8,677,217	-1,813,729	612,190,954	28.0	-10,490,946
NTGI Russell 3000	All-Cap Core	464,545,307	21.3	24	-59,818,398	48,500,000	513,045,307	23.5	-11,318,398
NTGI Russell 1000 Value	Large-Cap Value	55,347,561	2.5	2.5	726,342		55,347,561	2.5	726,342
Vanguard Mid Cap Value	Mid-Cap Value	39,313,729	1.8	0.0	39,313,729	-39,313,729	0	0.0	(
NTGI Russell 2000 Value	Small-Cap Value	54,798,086	2.5	2.0	11,101,111	-11,000,000	43,798,086	2.0	101,111
Non-U.S. Equity Composite		393,908,867	18.0	16.0	44,333,063	-43,546,865	350,362,002	16.0	-560,829
NTGI ACWI Ex-US	Non-U.S. All-Cap Core	349,014,975	16.0	16.0	-560,829		349,014,975	16.0	-560,829
DFA Emerging Markets Small Cap	EM Small-Cap	43,546,865	2.0	0.0	43,546,865	-43,546,865	0	0.0	(
Volatility Risk Premium Composite		58,264,879	2.7	2.5	3,643,660	0	58,264,879	2.7	3,643,660
NB S&P 500 PutWrite	Volatility Risk Premium	58,264,879	2.7	2.5	3,643,660		58,264,879	2.7	3,643,660
Real Estate Composite		181,105,427	8.3	6.0	50,014,501	-56,691,029	124,414,398	5.7	-6,676,528
J.P. Morgan SPF	Core Real Estate	56,691,029	2.6	0.0	56,691,029	-56,691,029	0	0.0	C
Morgan Stanley P.P.	Core Real Estate	40,260,786	1.8	2.0	-3,436,189		40,260,786	1.8	-3,436,189
PRISA III	Value-Added Real Estate	39,321,520	1.8	2.0	-4,375,455		39,321,520	1.8	-4,375,455
Principal Enhanced	Value-Added Real Estate	43,572,452	2.0	2.0	-124,523		43,572,452	2.0	-124,523
StepStone RE Intl Partnership I	Non-U.S. Core Real Estate	1,259,640	0.1	0.0	1,259,640		1,259,640	0.1	1,259,640
Infrastructure Composite		258,807,364	11.8	10.0	40,322,487	-23,000,000	235,807,364	10.8	17,044,075
J.P. Morgan Infrastructure	Core Infrastructure	117,610,457	5.4	4.0	30,216,506	-23,000,000	94,610,457	4.3	7,216,506
IFM Global Infrastructure (U.S)	Global Infrastructure	87,111,896	4.0	4.0	-282,055		87,111,896	4.0	-282,055
Ullico	Core Infrastructure	53,806,599	2.5	2.0	10,109,624		53,806,599	2.5	10,109,624
Private Equity Composite		256,651,320	11.7	8.0	81,863,418		256,651,320	11.7	
Cash		17,855,188	0.8	0.0	17,855,188	51,623	17,906,811	0.8	
	Indicates terminated product	ad alosar ta targat							
	Indicates product being rebaiance	של היספר וט ומושפו							

Indicates new product

Recommendation

Recommendation

- Consider the Option B portfolio from the asset allocations study
- Terminate Vanguard Mid Cap Value, DFA Emerging Markets Small Cap and J.P. Morgan Strategic Property Fund as a result of the asset allocation re-alignment
- Conduct another evergreen private debt search to add an additional private debt manager

Purpose: Empower our clients to meet their investment objectives

Vision

Be a trusted partner to our clients through effective investment programs

Mission

Provide independent and thoughtful investment guidance

Why Marquette?

- ✓ Our people
- ✓ Independent expertise
- ✓ Focused client service
- ✓ Careful research



 PREPARED BY MARQUETTE ASSOCIATES

 180 North LaSalle St, Ste 3500, Chicago, Illinois 60601
 PHONE 312-527-5500

 CHICAGO BALTIMORE MILWAUKEE PHILADELPHIA ST. LOUIS
 Web MarquetteAssociates.com

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This presentation does not constitute an offer to sell, or a solicitation of an offer to buy, any interest in any investment vehicle, and should not be relied on as such. Targets, ranges and expectations set forth in this presentation are approximations; actual results may differ. The information and opinions expressed herein are as of the date appearing in this material only, are subject to change without prior notice, and do not contain material information regarding the Marquette Model Portfolio, including specific information relating to portfolio investments and related important risk disclosures. The descriptions herein of Marquette's investment objectives or criteria, the characteristics of its investments, investment process, or investment strategies and styles may not be fully indicative of any present or future investments, are not intended to reflect performance and may be changed in the discretion of Marquette. While the data contained herein has been prepared from information that Marquette believes to be reliable, Marquette does not warrant the accuracy or completeness of such information. Client account holdings may differ significantly from the securities in the indices and the volatility of the index may be materially different from client account performance. You cannot invest directly in an index.

ABOUT MARQUETTE ASSOCIATES

Marquette was founded in 1986 with the sole objective of providing investment consulting at the highest caliber of service. Our expertise is grounded in our commitment to client service — our team aims to be a trusted partner and as fiduciaries, our clients' interests and objectives are at the center of everything we do. Our approach brings together the real-world experience of our people and our dedication to creativity and critical thinking in order to empower our clients to meet their goals. Marquette is an independent investment adviser registered under the Investment Advisers Act of 1940, as amended. Registration does not imply a certain level of skill or training. More information about Marquette including our investment strategies, fees and objectives can be found in our ADV Part 2, which is available upon request and on our website. For more information, please visit <u>www.MarquetteAssociates.com</u>.

Market Tracker

September 2023

U.S. Equity Returns

	Sep	YTD	1 Yr	3 Yr
S&P 500	-4.8%	13.1%	21.6%	10.2%
Russell 3000	-4.8%	12.4%	20.5%	9.4%
NASDAQ	-5.8%	27.1%	26.1%	6.6%
Dow Jones	-3.4%	2.7%	19.2%	8.6%

Style Index Returns

	Month-to-Date						
	Value	Core	Growth				
Large	-3.9%	-4.7%	-5.4%				
Mid	-5.1%	-5.0%	-4.9%				
Small	-5.2%	-5.9%	-6.6%				

	Year-to-Date							
	Value	Core	Growth					
Large	1.8%	13.0%	25.0%					
Mid	0.5%	3.9%	9.9%					
Small	-0.5%	2.5%	5.2%					

Non-U.S. Equity Returns

	Sep	YTD	1 Yr	3 Yr
ACWI	-4.1%	10.1%	20.8%	6.9%
ACWI ex. US	-3.2%	5.3%	20.4%	3.7%
EAFE Index	-3.4%	7.1%	25.6%	5.8%
EAFE Local	-1.1%	10.7%	20.3%	10.8%
EAFE Growth	-6.0%	4.3%	20.0%	0.4%
EAFE Value	-0.8%	9.9%	31.5%	11.1%
EAFE Small Cap	-4.4%	1.8%	17.9%	1.1%
Emerging Markets	-2.6%	1.8%	11.7%	-1.7%
EM Small Cap	-2.1%	13.7%	23.1%	10.6%

Regional Returns

	Sep	YTD	1 Yr	3 Yr
Europe	-4.0%	8.1%	29.3%	6.5%
Asia ex-Japan	-2.7%	-0.4%	10.9%	-3.3%
EM Latin America	-2.3%	12.9%	19.4%	15.1%
UK	-0.8%	6.8%	24.9%	12.1%
Germany	-5.9%	8.8%	35.5%	-0.3%
France	-5.3%	10.1%	34.5%	11.1%
Japan	-2.1%	11.2%	25.9%	2.8%
China	-2.8%	-7.3%	5.2%	-14.3%
Brazil	0.2%	12.6%	15.2%	13.3%
India	1.7%	8.0%	10.1%	14.9%

Real Estate Returns

	Qtr	YTD	1 Yr	3 Yr
NCREIF NPI National*	-2.0%	-3.8%	-6.6%	6.8%
FTSE NAREIT	-8.0%	-5.2%	-0.9%	2.7%

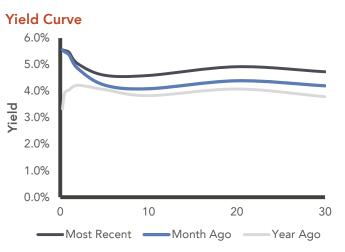
*Returns as of June 30, 2023



Marquette Associates

Fixed Income Returns

	Sep	YTD	1 Yr	3 Yr
Aggregate	-2.5%	-1.2%	0.6%	-5.2%
Universal	-2.4%	-0.6%	1.6%	-4.7%
Government	-2.2%	-1.4%	-0.7%	-5.7%
Treasury	-2.2%	-1.5%	-0.8%	-5.8%
Int. Gov/Credit	-1.1%	0.7%	2.2%	-2.9%
Long Gov/Credit	-6.2%	-5.4%	-2.9%	-11.9%
TIPS	-1.8%	-0.8%	1.2%	-2.0%
Municipal 5 Year	-1.7%	-0.9%	2.2%	-1.7%
High Yield	-1.2%	5.9%	10.3%	1.8%
Bank Loans	0.9%	9.9%	12.5%	5.9%
Global Hedged	-1.7%	1.1%	2.1%	-3.7%
EM Debt Hard Currency	-2.6%	1.8%	10.0%	-4.6%



Hedge Fund Returns

	Sep	YTD	1 Yr	3 Yr
HFRX Global	-0.1%	1.4%	1.6%	1.8%
HFRX Hedged Equity	-0.7%	3.2%	5.0%	6.5%
HFRX Event Driven	0.1%	-0.9%	-2.9%	-1.3%
HFRX Macro	1.1%	0.2%	-2.0%	2.4%
HFRX Relative Value	-0.1%	2.8%	5.1%	-0.4%
CBOE PutWrite	-2.1%	9.3%	16.8%	9.9%

Commodity Returns

	Sep	YTD	1 Yr	3 Yr
GSCI Total	4.1%	7.2%	10.9%	29.5%
Precious Metals	-5.7%	-0.7%	12.5%	-1.5%
Livestock	0.3%	7.8%	17.0%	8.8%
Industrial Metals	1.6%	-9.3%	5.6%	9.7%
Energy	4.4%	-4.3%	-13.0%	26.6%
Agriculture	-4.2%	-4.2%	-1.8%	19.4%
WTI Crude Oil	9.9%	18.8%	24.6%	41.5%
Gold	-4.7%	1.3%	10.9%	-1.4%





Cincinnati Retirement System

City of Cincinnati Retirement System Executive Summary September 30, 2023



Manager Status

Market Value: \$2,184.8 Million and 100.0% of Fund

Investment Manager	Asset Class	Status	Reason
NTGI Agg Bond	Core Fixed Income	In Compliance	
Loomis Sayles Core-Plus	Core Plus Fixed Income	In Compliance	
Shenkman - Four Points	High Yield Fixed Income	In Compliance	
H.I.G. Bayside Opportunity VI	Private Debt	In Compliance	
Owl Rock Diversified Lending	Private Debt	In Compliance	
Carlyle Direct Lending IV	Private Debt	In Compliance	
NTGI Russell 3000	All-Cap Core	In Compliance	
NTGI Russell 1000 Value	Large-Cap Value	In Compliance	
Vanguard Mid Cap Value	Mid-Cap Value	In Compliance	
NTGI Russell 2000 Value	Small-Cap Value	In Compliance	
NTGI ACWI Ex-US	Non-U.S. All-Cap Core	In Compliance	
NB US Index PutWrite	Volatility Risk Premium	In Compliance	
J.P. Morgan SPF	Core Real Estate	In Compliance	
Morgan Stanley P.P.	Core Real Estate	In Compliance	
PRISA III	Value-Added Real Estate	In Compliance	
Principal Enhanced	Value-Added Real Estate	In Compliance	
StepStone RE Intl Partnership I	Non-U.S. Core Real Estate	In Compliance	
Alinda Fund II	Core Infrastructure	In Compliance	
J.P. Morgan Infrastructure	Core Infrastructure	In Compliance	
IFM Global Infrastructure (U.S)	Global Infrastructure	In Compliance	
Ullico - Infrastructure	Core Infrastructure	In Compliance	
Blue Chip Fund IV	Venture Private Equity	In Compliance	
Fort Washington Fund V	Divers. Private Equity	In Compliance	
Fort Washington Fund VI	Divers. Private Equity	In Compliance	
Fort Washington Fund VIII	Divers. Private Equity	In Compliance	
Fort Washington Fund IX	Divers. Private Equity	In Compliance	
Fort Washington Fund X	Divers. Private Equity	In Compliance	
Fort Washington Opp Fund III	Secondary Private Equity FoF	In Compliance	
North Sky Fund V	Divers. Private Equity	In Compliance	
Portfolio Advisors IV - Special Sit	Mezz./Special Sit. Private Equity FoF	In Compliance	
Portfolio Advisors V - Special Sit	Mezz./Special Sit. Private Equity FoF	In Compliance	
JP Morgan Global Private Equity VIII	Global Divers. Private Equity FoF	In Compliance	
JP Morgan Global Private Equity IX	Global Divers. Private Equity FoF	In Compliance	
JP Morgan Global Private Equity X	Global Divers. Private Equity FoF	In Compliance	
Siguler Guff Small Buyout Opportunities V	LBO Private Equity	In Compliance	

Investment Manager Evaluation Terminology

The following terminology has been developed by Marquette Associates to facilitate efficient communication among the Investment Manager, Investment Consultant, and the Plan Sponsor. Each term signifies a particular status with the Fund and any conditions that may require improvement. In each case, communication is made only after consultation with the Trustees and/or the Investment Committee of the Plan.

In Compliance – Marquette has not been notified of any issues or changes to the investment manager that would materially impede upon its ability to execute the investment strategy or adhere to any applicable investment guidelines.

Alert – The investment manager has experienced a problem in performance (usually relative to a benchmark), a change in investment characteristics, an alteration in management style, ownership, or key investment professionals, and/or any other irregularities that may impede upon its ability to execute the investment strategy or adhere to any applicable investment guidelines.

On Notice – The investment manager has experienced continued concern with one or more Alert issues. Failure to improve upon stated issues within a certain time frame may justify termination.

Termination - The investment manager has been terminated and transition plans are in place.

Market Value 3 Mo Net Cash Flows (\$) % of Portfolio Policy Difference Policy % Asset Class (\$) **Total Fund Composite** 2,184,763,869 -38,249,483 100.0 100.0 -124,288,345 **Fixed Income Composite** 367,283,525 16,894,670 16.8 22.5 NTGI Agg Bond Core Fixed Income 182,989,721 16,994,622 8.4 9.0 -13,639,027 Loomis Sayles Core-Plus Core Plus Fixed Income 134,039,189 -99,951 6.1 11.5 -117,208,656 Shenkman - Four Points High Yield Fixed Income 2.3 50,254,615 0 2.0 6,559,337 **Private Debt Composite** 3.0 -25,087,161 40,455,755 3,860,833 1.9 H.I.G. Bayside Opportunity VI Private Debt -9,356,560 23,414,898 -636,373 1.1 1.5 Owl Rock Diversified Lending Private Debt 0.6 12,046,487 1,497,206 1.5 -20,724,971 Carlyle Direct Lending IV Private Debt 4,994,370 3,000,000 0.2 **U.S. Equity Composite** 614,004,683 -35,524,354 28.1 28.5 -8,653,020 NTGI Russell 3000 All-Cap Core 464,545,307 -28,519,072 21.3 21.5 -5,178,925 NTGI Russell 1000 Value Large-Cap Value 55,347,561 -2,002,221 2.5 2.5 728.464 Vanguard Mid Cap Value Mid-Cap Value 39.313.729 0 1.8 2.0 -4.381.549 NTGI Russell 2000 Value Small-Cap Value 54.798.086 -5.003.061 2.5 2.5 178.990 Non-U.S. Equity Composite 393,908,866 -36,273 18.0 18.0 651,370 NTGI ACWI Ex-US Non-U.S. All-Cap Core 349,014,975 -36,273 16.0 16.0 -547,244 DFA Emerging Markets Small Cap EM Small-Cap 43,546,865 0 2.0 2.0 -148,413 Volatility Risk Premium Composite 58,264,879 0 2.7 2.5 3,645,783 NB US Index PutWrite Volatility Risk Premium 58,264,879 0 2.7 2.5 3,645,783 **Real Estate Composite** 181,032,288 -4,355,096 8.3 7.5 17,174,998 J.P. Morgan SPF Core Real Estate 56,691,029 -821,181 2.6 1.9 15,617,469 Core Real Estate 40,260,786 1.8 1.9 Morgan Stanley P.P. -1,233,134 -812,775 PRISA III Value-Added Real Estate 39,321,520 -1,039,436 1.8 1.9 -1,752,041

43,572,452

1,186,501

258,807,364

117,610,457

87,111,896

53,806,599

278,412

-1,261,345

-17,000,000

-17,000,000

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4.0

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2,498,892

1,186,501

40,330,977

30,219,902

-278,658

278,412

10,111,322

Value-Added Real Estate

Non-U.S. Core Real

Core Infrastructure

Global Infrastructure

Core Infrastructure

Core Infrastructure

Estate

Market Value: \$2,184.8 Million and 100.0% of Fund

(\$)

0

Ending September 30, 2023

Principal Enhanced

StepStone RE Intl Partnership I

Infrastructure Composite

J.P. Morgan Infrastructure

Alinda Fund II

Ullico - Infrastructure

IFM Global Infrastructure (U.S)

Marquette Associates

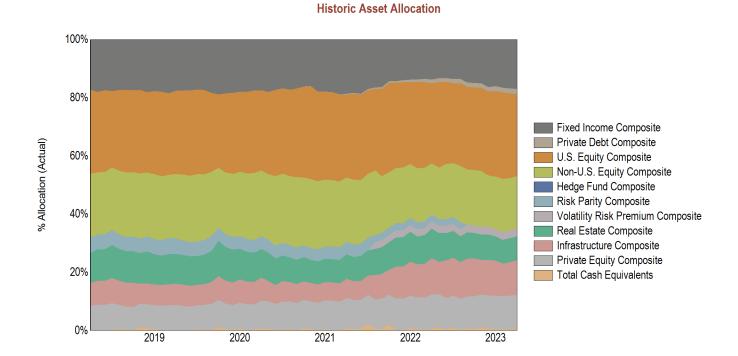
Market Value: \$2,184.8 Million and 100.0% of Fund

			3						
	Asset Class	Market Value (\$)	3 Mo Net Cash Flows (\$)	% of Portfolio	Policy %	Policy Difference (\$)			
Private Equity Composite		256,651,320	-2,724,753	11.7	8.0	81,870,210			
Fort Washington Fund V	Divers. Private Equity	7,741,846	-400,000	0.4					
Portfolio Advisors IV - Special Sit	Mezz./Special Sit. Private Equity FoF	1,408,250	0	0.1					
Fort Washington Fund VI	Divers. Private Equity	4,313,555	-510,000	0.2					
Portfolio Advisors V - Special Sit	Mezz./Special Sit. Private Equity FoF	526,152	-64,646	0.0					
Fort Washington Fund VIII	Divers. Private Equity	36,155,964	-3,250,000	1.7					
Fort Washington Opp Fund III	Secondary Private Equity FoF	9,279,363	-510,000	0.4					
North Sky Fund V	Divers. Private Equity	31,370,169	0	1.4					
Fort Washington Fund IX	Divers. Private Equity	57,485,045	-1,250,000	2.6					
Fort Washington Fund X	Divers. Private Equity	34,143,558	1,800,000	1.6					
JP Morgan Global Private Equity VIII	Global Divers. Private Equity FoF	40,779,203	479,005	1.9					
JP Morgan Global Private Equity IX	Global Divers. Private Equity FoF	14,685,828	0	0.7					
JP Morgan Global Private Equity X	Global Divers. Private Equity FoF	9,114,910	0	0.4					
Siguler Guff Small Buyout Opportunities V	LBO Private Equity	7,777,163	980,888	0.4					
Blue Chip Fund IV	Venture Private Equity	1,870,314	0	0.1					
Total Cash Equivalents		14,355,188	635,490	0.7		14,355,188			

Ending September 30, 2023

Asset Allocation

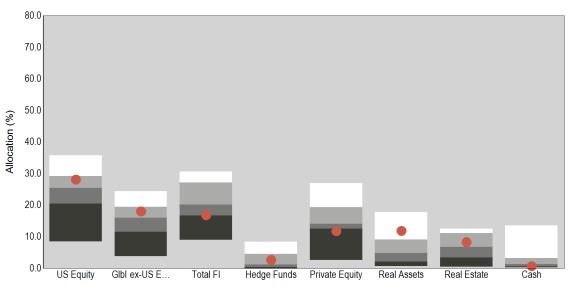
Market Value: \$2,184.8 Million and 100.0% of Fund



	Current	Policy	Difference	%
Fixed Income Composite	\$367,283,525	\$491,571,870	-\$124,288,345	-5.7%
Private Debt Composite	\$40,455,755	\$65,542,916	-\$25,087,161	-1.1%
U.S. Equity Composite	\$614,004,683	\$622,657,703	-\$8,653,020	-0.4%
Non-U.S. Equity Composite	\$393,908,866	\$393,257,496	\$651,370	0.0%
Volatility Risk Premium Composite	\$58,264,879	\$54,619,097	\$3,645,783	0.2%
Real Estate Composite	\$181,032,288	\$163,857,290	\$17,174,998	0.8%
Infrastructure Composite	\$258,807,364	\$218,476,387	\$40,330,977	1.8%
Private Equity Composite	\$256,651,320	\$174,781,109	\$81,870,210	3.7%
Total Cash Equivalents	\$14,355,188			
Total	\$2,184,763,869			

Asset Allocation

Market Value: \$2,184.8 Million and 100.0% of Fund



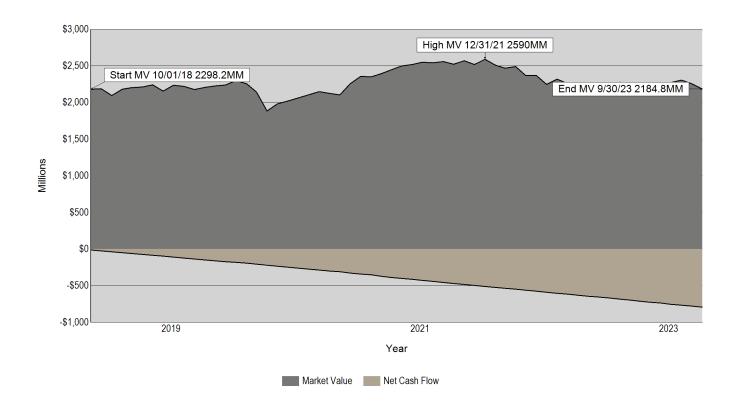
Total Plan Allocation vs. InvMetrics Public DB > \$1B Net

	Allocatio	n (Rank)													
5th Percentile	35.8	24	5	30.6		8.4		26.9		17.8		12.5		13.6	
25th Percentile	29.2	19	4	27.2		4.6		19.3		9.1		11.1		3.2	
Median	25.4	16	0	20.1		1.2		14.1		4.9		6.8		1.3	
75th Percentile	20.5	11	5	16.7		0.4		12.6		2.1		3.4		0.6	
95th Percentile	8.5	3	В	9.0		0.0		2.6		0.7		0.5		0.3	
# of Portfolios	18		0	21		11		15		11		17		21	
Total Fund Composite	28.1	(29) 18	0 (32)	16.8	(75)	2.7	(41)	11.7	(80)	11.8	(21)	8.3	(39)	0.7	(74)



Market Value History

Market Value: \$2,184.8 Million and 100.0% of Fund



Summary of Cash Flows

	Third Quarter	Year-To-Date	One Year	Three Years	Five Years
Beginning Market Value	\$2,272,243,016.37	\$2,200,773,312.14	\$2,123,435,817.09	\$2,125,220,255.63	\$2,298,162,150.49
Net Cash Flow	-\$32,838,953.92	-\$114,819,285.53	-\$151,033,575.18	-\$495,818,195.38	-\$803,127,647.25
Net Investment Change	-\$54,640,193.74	\$98,809,842.10	\$212,361,626.80	\$555,361,808.46	\$689,729,365.47
Ending Market Value	\$2,184,763,868.71	\$2,184,763,868.71	\$2,184,763,868.71	\$2,184,763,868.71	\$2,184,763,868.71

Market Value: \$2,184.8 Million and 100.0% of Fund

Attribution Summary										
5 Years Ending September 30, 2023										
	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Interaction Effects	Total Effects			
Fixed Income Composite	1.10%	0.10%	1.00%	0.14%	-0.15%	0.02%	0.01%			
Private Debt Composite				0.17%	0.18%	-0.11%	0.24%			
U.S. Equity Composite	7.57%	9.14%	-1.57%	-0.37%	-0.05%	0.00%	-0.42%			
Non-U.S. Equity Composite	2.18%	2.58%	-0.39%	-0.05%	-0.04%	0.00%	-0.10%			
Hedge Fund Composite				0.00%	0.00%	0.00%	0.00%			
Risk Parity Composite				-0.12%	-0.01%	0.02%	-0.10%			
Volatility Risk Premium Composite				0.01%	0.00%	-0.01%	0.00%			
Real Estate Composite	7.13%	4.73%	2.41%	0.21%	-0.05%	0.03%	0.19%			
Infrastructure Composite	8.89%	5.69%	3.20%	0.03%	-0.03%	0.01%	0.01%			
Private Equity Composite	14.01%	15.72%	-1.72%	-0.21%	-0.14%	0.08%	-0.27%			
Total Cash Equivalents	0.01%	1.63%	-1.62%							
Total	6.09%	6.02%	0.07%	-0.21%	-0.29%	0.05%	-0.45%			

Calendar Years

	YTD	2022	2021	2020	2019	Quarter	1 Yr	3 Yrs
Wtd. Actual Return	4.9%	-9.2%	17.6%	10.5%	17.0%	-2.2%	10.6%	8.2%
Wtd. Index Return *	4.8%	-11.5%	14.5%	14.4%	18.1%	-2.4%	10.7%	5.4%
Excess Return	0.1%	2.3%	3.1%	-3.9%	-1.1%	0.2%	0.0%	2.7%
Selection Effect	0.1%	2.7%	1.2%	-3.5%	-1.6%	0.1%	0.5%	2.3%
Allocation Effect	0.0%	-0.1%	0.1%	-1.0%	-0.4%	0.2%	-0.6%	-0.1%
Interaction Effect	0.0%	-0.2%	0.5%	0.0%	0.1%	-0.1%	0.0%	0.0%

*Calculated from the benchmark returns and weightings of each composite. Returns will differ slightly from the official Policy Benchmark.

Attribution

Market Value: \$2,184.8 Million and 100.0% of Fund

Ending September 30, 2023

	Market Value	3 Mo	Contribution	% Contribution
	(\$)	Return	to Return	to Return
Total Fund Composite	2,184,763,869	-2.3	-2.3	100.0%
Fixed Income Composite	367,283,525	-3.0	-0.5	-21.2%
NTGI Agg Bond	182,989,721	-3.2	-0.3	-11.2%
Loomis Sayles Core-Plus	134,039,189	-4.1	-0.3	-11.1%
Shenkman - Four Points	50,254,615	1.3	0.0	1.3%
Private Debt Composite	40,455,755	0.0	0.0	0.0%
U.S. Equity Composite	614,004,683	-3.3	-1.0	- 42 .1%
NTGI Russell 3000	464,545,307	-3.3	-0.7	-31.3%
NTGI Russell 1000 Value	55,347,561	-3.2	-0.1	-3.6%
Vanguard Mid Cap Value	39,313,729	-4.9	-0.1	-3.9%
NTGI Russell 2000 Value	54,798,086	-3.0	-0.1	-3.4%
Non-U.S. Equity Composite	393,908,866	-3.4	-0.6	-26.9%
NTGI ACWI Ex-US	349,014,975	-3.8	-0.6	-26.6%
DFA Emerging Markets Small Cap	43,546,865	-0.3	0.0	-0.2%
Volatility Risk Premium Composite	58,264,879	-1.0	0.0	-1.2%
NB US Index PutWrite	58,264,879	-1.0	0.0	-1.2%
Real Estate Composite	181,032,288	-2.3	-0.2	-8.3%
J.P. Morgan SPF	56,691,029	-3.3	-0.1	-3.8%
Morgan Stanley P.P.	40,260,786	-0.2	0.0	-0.2%
PRISA III	39,321,520	-2.4	0.0	-1.9%
Principal Enhanced	43,572,452	-2.7	-0.1	-2.4%
StepStone RE Intl Partnership I	1,186,501	0.0	0.0	0.0%
Infrastructure Composite	258,807,364	0.1	0.0	0.7%
Alinda Fund II	278,412	0.0	0.0	0.0%
J.P. Morgan Infrastructure	117,610,457	0.0	0.0	0.0%
IFM Global Infrastructure (U.S)	87,111,896	0.4	0.0	0.7%
Ullico - Infrastructure	53,806,599	0.0	0.0	0.0%
Private Equity Composite	256,651,320	0.0	0.0	0.0%
Total Cash Equivalents	14,355,188	-3.7	0.0	-1.1%

Annualized Performance (Net of Fees)

Market Value: \$2,184.8 Million and 100.0% of Fund

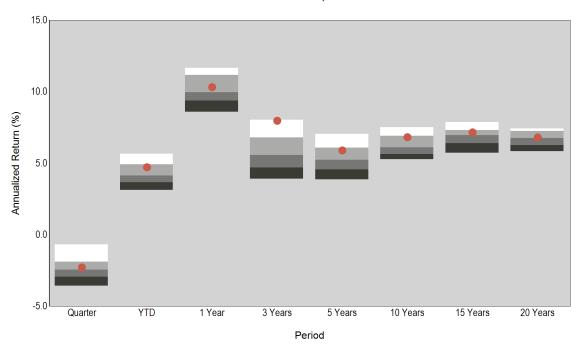
				En	ding Se	ptember	30, 202	3		
	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	5 Yrs	7 Yrs	10 Yrs	15 Yrs	20 Yrs
Total Fund Composite	-2.3%	4.7%	10.3%	-0.5%	8.0%	5.9%	7.0%	6.8%	7.2%	6.8%
Target Benchmark	-2.1%	4.5%	10.6%	-1.4%	6.8%	6.0%	7.1%	6.9%	7.0%	7.0%
InvMetrics Public DB > \$1B Net Rank	42	34	47	25	6	31	42	27	40	44
Fixed Income Composite	-3.0%	0.1%	2.4%	-6.1%	-2.7%	1.0%	1.6%	2.2%	4.2%	3.9%
Bloomberg US Aggregate TR	-3.2%	-1.2%	0.6%	-7.3%	-5.2%	0.1%	-0.1%	1.1%	2.5%	2.8%
InvMetrics Public DB Total Fix Inc Net Rank	66	49	34	52	29	38	7	10	4	1
Private Debt Composite	0.0%	7.8%	10.5%	3.3%	2.4%					
Bloomberg US Aggregate TR	-3.2%	-1.2%	0.6%	-7.3%	-5.2%	0.1%	-0.1%	1.1%	2.5%	2.8%
U.S. Equity Composite	-3.3%	8.9%	17.8%	-0.6%	12.8%	7.6%	10.1%	9.7%	10.1%	9.0%
Russell 3000	-3.3%	12.4%	20.5%	-0.4%	9.4%	9.1%	11.6%	11.3%	11.0%	9.7%
InvMetrics Public DB US Eq Net Rank	54	86	82	62	1	82	80	67	52	58
Non-U.S. Equity Composite	-3.4%	5.6%	21.1%	-4.5%	5.2%	2.2%	4.0%	3.6%	4.9%	6.2%
MSCI ACWI ex USA	-3.8%	5.3%	20.4%	-5.1%	3.7%	2.6%	4.7%	3.3%	4.3%	6.0%
InvMetrics Public DB ex-US Eq Net Rank	21	49	47	24	6	63	62	46	38	18
Volatility Risk Premium Composite	-1.0%	9.6%	16.7%							
CBOE Put Write Index	-2.9%	9.3%	16.8%	3.9%	9.9%	4.8%	6.3%	6.7%	6.5%	7.1%
Real Estate Composite	-2.3%	-6.2%	-10.6%	3.6%	7.3%	5.9%	6.4%	8.3%	5.7%	
NFI-ODCE	-2.2%	-8.2%	-12.9%	2.7%	6.2%	4.7%	5.4%	7.2%	4.7%	6.6%
NPI	0.0%	-3.7%	-7.1%	3.9%	6.6%	5.6%	6.0%	7.6%	6.1%	8.1%
InvMetrics All DB Real Estate Priv Net Rank	74	23	24	29	26	24	18	6	21	
Infrastructure Composite	0.1%	5.4%	8.6%	7.8%	8.9%	8.6%	6.9%	7.4%	8.1%	
3 Month T-Bill +4%	2.3%	6.7%	8.6%	6.6%	5.8%	5.7%	5.6%	5.1%	4.8%	5.4%
Private Equity Composite	0.0%	5.9%	4.4%	3.9%	16.7%	13.9%	14.3%	13.5%	12.7%	9.8%
Burgiss Global All Private Equity	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	13.1%	14.6%

* Burgiss Global All PE benchmark data is updated through 6/30/23



Annualized Performance (Net of Fees)

Market Value: \$2,184.8 Million and 100.0% of Fund



InvMetrics Public DB > \$1B Net Return Comparison

	Return								
5th Percentile	-0.7	5.7	11.7	8.0	7.0	7.5	7.9	7.4	
25th Percentile	-1.9	4.9	11.2	6.8	6.1	6.9	7.3	7.3	
Median	-2.4	4.1	10.0	5.6	5.2	6.1	7.0	6.8	
75th Percentile	-2.9	3.7	9.4	4.7	4.6	5.6	6.4	6.3	
95th Percentile	-3.6	3.1	8.6	3.9	3.9	5.3	5.7	5.9	
# of Portfolios	22	21	21	20	20	19	17	15	
Total Fund Composite	-2.3	4.7	10.3	8.0	5.9	6.8	7.2	6.8	

Calendar Performance (Net of Fees)

Market Value: \$2,184.8 Million and 100.0% of Fund

	Calendar Year										
	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Total Fund Composite	-9.3%	17.4%	10.3%	16.8%	-4.3%	14.9%	8.9%	-0.1%	6.4%	17.5%	12.0%
Target Benchmark	-10.8%	16.2%	12.7%	17.8%	-4.0%	15.5%	8.8%	0.5%	5.8%	17.2%	12.2%
InvMetrics Public DB > \$1B Net Rank	30	14	57	53	60	62	13	46	18	13	69
Fixed Income Composite	-12.0%	0.6%	9.5%	9.6%	-0.6%	5.6%	7.2%	-2.1%	5.6%	0.7%	8.6%
Bloomberg US Aggregate TR	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
InvMetrics Public DB Total Fix Inc Net Rank	60	21	11	31	57	45	14	78	17	20	36
Private Debt Composite	-0.2%	-10.9%									
Bloomberg US Aggregate TR	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
U.S. Equity Composite	-16.3%	30.3%	12.5%	27.8%	-8.6%	17.8%	16.3%	-3.0%	10.8%	35.4%	15.4%
Russell 3000	-19.2%	25.7%	20.9%	31.0%	-5.2%	21.1%	12.7%	0.5%	12.6%	33.6%	16.4%
InvMetrics Public DB US Eq Net Rank	24	2	94	91	92	96	3	89	54	24	58
Non-U.S. Equity Composite	-15.4%	10.2%	7.5%	18.9%	-16.2%	27.7%	7.3%	-4.9%	-1.4%	14.5%	18.2%
MSCI ACWI ex USA	-16.0%	7.8%	10.7%	21.5%	-14.2%	27.2%	4.5%	-5.7%	-3.9%	15.3%	16.8%
InvMetrics Public DB ex-US Eq Net Rank	14	15	97	98	68	59	7	68	13	79	49
Volatility Risk Premium Composite											
CBOE Put Write Index	-7.7%	21.8%	2.1%	13.5%	-5.9%	10.8%	7.8%	6.4%	6.3%	12.3%	8.1%
Real Estate Composite	5.5%	22.3%	2.2%	5.8%	7.5%	7.9%	9.3%	14.8%	12.4%	14.8%	11.0%
NFI-ODCE	6.5%	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%	12.9%	9.8%
NPI	5.5%	17.7%	1.6%	6.4%	6.7%	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%
InvMetrics All DB Real Estate Priv Net Rank	64	34	7	43	39	20	7	22	31	17	30
Infrastructure Composite	7.3%	10.8%	8.1%	11.3%	4.8%	2.4%	0.4%	11.2%	12.5%	4.2%	5.7%
3 Month T-Bill +4%	5.5%	4.0%	4.5%	6.1%	6.0%	5.0%	4.3%	4.0%	4.0%	4.1%	4.1%
Private Equity Composite	-1.3%	32.5%	22.0%	11.3%	16.0%	14.3%	8.1%	8.2%	8.5%	26.5%	8.4%
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%

* Burgiss Global All PE benchmark data is updated through 6/30/23

Investment Manager

Annualized Performance (Net of Fees)

Ending	Septem	ber 30,	2023
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	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Total Fund Composite	-2.5%	-2.3%	4.7%	10.3%	-0.5%	8.0%	5.9%	7.0%	6.8%	8.6%	May-85
Target Benchmark	-2.5%	-2.1%	4.5%	10.6%	-1.4%	6.8%	6.0%	7.1%	6.9%		May-85
InvMetrics Public DB > \$1B Net Rank	41	42	34	47	25	6	31	42	27		May-85
Fixed Income Composite	-2.5%	-3.0%	0.1%	2.4%	-6.1%	-2.7%	1.0%	1.6%	2.2%	4.8%	Nov-95
Bloomberg US Aggregate TR	-2.5%	-3.2%	-1.2%	0.6%	-7.3%	-5.2%	0.1%	-0.1%	1.1%	4.0%	Nov-95
InvMetrics Public DB Total Fix Inc Net Rank	70	66	49	34	52	29	38	7	10	1	Nov-95
NTGI Agg Bond	-2.5%	-3.2%	-1.2%	0.7%	-7.2%					-5.8%	Jan-21
Bloomberg US Aggregate TR	-2.5%	-3.2%	-1.2%	0.6%	-7.3%	-5.2%	0.1%	-0.1%	1.1%	-5.8%	Jan-21
eV US Core Fixed Inc Net Rank	49	62	76	68	59					61	Jan-21
Loomis Sayles Core-Plus	-3.2%	-4.1%	-1.1%	1.1%	-7.0%	-4.3%	0.9%	0.9%		1.5%	Jul-15
Bloomberg US Aggregate TR	-2.5%	-3.2%	-1.2%	0.6%	-7.3%	-5.2%	0.1%	-0.1%	1.1%	0.6%	Jul-15
eV US Core Plus Fixed Inc Net Rank	98	97	78	75	39	48	37	30		33	Jul-15
Shenkman - Four Points	-0.2%	1.3%	7.3%	11.1%	0.0%	3.9%	4.4%	5.4%	5.2%	5.9%	Aug-10
Bloomberg US High Yield TR	-1.2%	0.5%	5.9%	10.3%	-2.7%	1.8%	3.0%	3.8%	4.2%	5.6%	Aug-10
eV US High Yield Fixed Inc Net Rank	9	12	6	13	16	8	4	3	3	8	Aug-10
Private Debt Composite	0.0%	0.0%	7.8%	10.5%	3.3%	2.4%				2.4%	Sep-20
Bloomberg US Aggregate TR	-2.5%	-3.2%	-1.2%	0.6%	-7.3%	-5.2%	0.1%	-0.1%	1.1%	-5.2%	Sep-20
H.I.G. Bayside Opportunity VI	0.0%	0.0%	8.7%	10.7%	3.8%	2.7%				2.7%	Sep-20
Bloomberg US Aggregate TR	-2.5%	-3.2%	-1.2%	0.6%	-7.3%	-5.2%	0.1%	-0.1%	1.1%	-5.2%	Sep-20
Owl Rock Diversified Lending	0.0%	0.0%	6.0%	10.4%						13.8%	Aug-22
Bloomberg US Aggregate TR	-2.5%	-3.2%	-1.2%	0.6%	-7.3%	-5.2%	0.1%	-0.1%	1.1%	-3.4%	Aug-22
Carlyle Direct Lending IV	0.0%	0.0%								0.0%	Jun-23
Bloomberg US Aggregate TR	-2.5%	-3.2%	-1.2%	0.6%	-7.3%	-5.2%	0.1%	-0.1%	1.1%	-3.2%	Jun-23

* Certain values are lagged. HIG Bayside VI, Owl Rock, Carlyle, StepStone RE, JPM IIF, Alinda II, Ullico IF, Fort Washington funds, Portfolio Advisors IV & V, North Sky V, JPM VIII, JPM IX, JPM X, Siguler Guff V, and Blue Chip are valued as of June 30, 2023. All lagged values have been updated for corresponding cash flows.

** Burgiss Global All PE benchmark data is updated through 6/30/23

Annualized Performance (Net of Fees)

Ending September 30, 2023

	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
U.S. Equity Composite	-4.7%	-3.3%	8.9%	17.8%	-0.6%	12.8%	7.6%	10.1%	9.7%	9.2%	Feb-89
Russell 3000	-4.8%	-3.3%	12.4%	20.5%	-0.4%	9.4%	9.1%	11.6%	11.3%	10.3%	Feb-89
InvMetrics Public DB US Eq Net Rank	51	54	86	82	62	1	82	80	67	99	Feb-89
NTGI Russell 3000	-4.8%	-3.3%	12.4%	20.5%	-0.4%					2.9%	Mar-21
Russell 3000	-4.8%	-3.3%	12.4%	20.5%	-0.4%	9.4%	9.1%	11.6%	11.3%	2.9%	Mar-21
eV US Passive All Cap Equity Gross Rank	42	64	68	81	81					81	Mar-21
NTGI Russell 1000 Value	-3.9%	-3.2%	1.9%	14.5%	0.7%	11.1%	6.3%	8.0%		7.7%	Dec-13
Russell 1000 Value	-3.9%	-3.2%	1.8%	14.4%	0.7%	11.0%	6.2%	7.9%	8.4%	7.6%	Dec-13
eV US Large Cap Value Equity Net Rank	67	69	55	57	68	59	63	71		60	Dec-13
Vanguard Mid Cap Value	-4.6%	-4.9%	-1.6%	10.3%	-1.0%	11.3%	5.4%			4.6%	Jan-18
CRSP US Mid Cap Value TR USD	-4.6%	-4.8%	-1.6%	10.4%	-0.9%	11.4%	5.4%	7.4%	8.4%	4.7%	Jan-18
Mid-Cap Value MStar MF Rank	59	71	80	75	74	71	59			57	Jan-18
NTGI Russell 2000 Value	-5.2%	-3.0%	-0.4%	8.0%	-5.7%	13.3%	2.7%	6.1%		5.5%	Dec-13
Russell 2000 Value	-5.2%	-3.0%	-0.5%	7.8%	-5.8%	13.3%	2.6%	5.9%	6.2%	5.4%	Dec-13
eV US Small Cap Value Equity Net Rank	63	55	79	87	88	73	84	72		70	Dec-13
Non-U.S. Equity Composite	-3.0%	-3.4%	5.6%	21.1%	-4.5%	5.2%	2.2%	4.0%	3.6%	5.5%	May-93
MSCI ACWI ex USA	-3.2%	-3.8%	5.3%	20.4%	-5.1%	3.7%	2.6%	4.7%	3.3%		May-93
InvMetrics Public DB ex-US Eq Net Rank	25	21	49	47	24	6	63	62	46		<i>May</i> -93
NTGI ACWI Ex-US	-3.1%	-3.8%	5.3%	21.4%	-4.6%					-2.9%	Mar-21
MSCI ACWI ex USA	-3.2%	-3.8%	5.3%	20.4%	-5.1%	3.7%	2.6%	4.7%	3.3%	-3.2%	Mar-21
eV ACWI ex-US All Cap Equity Net Rank	30	37	61	45	42					43	Mar-21
DFA Emerging Markets Small Cap	-1.9%	-0.3%	8.4%	19.5%	-3.7%	7.9%	5.4%	5.4%		5.2%	Dec-14
MSCI Emerging Markets Small Cap	-2.1%	2.9%	13.7%	23.1%	-2.8%	10.6%	6.5%	6.0%	4.6%	5.0%	Dec-14
eV Emg Mkts Small Cap Equity Net Rank	41	66	76	72	59	58	72	64		60	Dec-14
Volatility Risk Premium Composite	-2.3%	-1.0%	9.6%	16.7%						1.3%	Jan-22
CBOE Put Write Index	-2.1%	-2.9%	9.3%	16.8%	3.9%	9.9%	4.8%	6.3%	6.7%	2.0%	Jan-22
NB US Index PutWrite	-2.3%	-1.0%	9.6%	16.7%						1.3%	Jan-22
CBOE Put Write Index	-2.1%	-2.9%	9.3%	16.8%	3.9%	9.9%	4.8%	6.3%	6.7%	2.0%	Jan-22

* Certain values are lagged. HIG Bayside VI, Owl Rock, Carlyle, StepStone RE, JPM IIF, Alinda II, Ullico IF, Fort Washington funds, Portfolio Advisors IV & V, North Sky V, JPM VIII, JPM IX, JPM X, Siguler Guff V, and Blue Chip are valued as of June 30, 2023. All lagged values have been updated for corresponding cash flows.

Annualized Performance (Net of Fees)

Ending September 30, 2023

	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Real Estate Composite	-1.9%	-2.3%	-6.2%	-10.6%	3.6%	7.3%	5.9%	6.4%	8.3%	5.5%	Aug-07
NFI-ODCE	-0.7%	-2.2%	-8.2%	-12.9%	2.7%	6.2%	4.7%	5.4%	7.2%	4.6%	Aug-07
NPI	0.0%	0.0%	-3.7%	-7.1%	3.9%	6.6%	5.6%	6.0%	7.6%	6.1%	Aug-07
InvMetrics All DB Real Estate Priv Net Rank	70	74	23	24	29	26	24	18	6	11	Aug-07
J.P. Morgan SPF	-2.4%	-3.3%	-8.2%	-13.0%	1.4%	5.1%	3.7%	4.6%	6.5%	4.7%	Jan-08
NFI-ODCE	-0.7%	-2.2%	-8.2%	-12.9%	2.7%	6.2%	4.7%	5.4%	7.2%	4.5%	Jan-08
NPI	0.0%	0.0%	-3.7%	-7.1%	3.9%	6.6%	5.6%	6.0%	7.6%	6.0%	Jan-08
InvMetrics All DB Real Estate Pub Net Rank	53	63	92	88	66	79	60	59	57	1	Jan-08
Morgan Stanley P.P.	-0.2%	-0.2%	-3.7%	-7.2%	5.9%	8.0%	6.4%	7.0%	8.8%	6.1%	Aug-07
NFI-ODCE	-0.7%	-2.2%	-8.2%	-12.9%	2.7%	6.2%	4.7%	5.4%	7.2%	4.6%	Aug-07
NPI	0.0%	0.0%	-3.7%	-7.1%	3.9%	6.6%	5.6%	6.0%	7.6%	6.1%	Aug-07
InvMetrics All DB Real Estate Pub Net Rank	6	6	21	42	1	7	1	1	1	1	Aug-07
PRISA III	-2.4%	-2.4%	-3.7%	-6.2%	5.0%	10.0%	9.4%	9.3%	11.8%	5.5%	Dec-07
NFI-ODCE	-0.7%	-2.2%	-8.2%	-12.9%	2.7%	6.2%	4.7%	5.4%	7.2%	4.5%	Dec-07
NPI	0.0%	0.0%	-3.7%	-7.1%	3.9%	6.6%	5.6%	6.0%	7.6%	6.0%	Dec-07
InvMetrics All DB Real Estate Pub Net Rank	53	53	30	36	10	1	1	1	1	1	Dec-07
Principal Enhanced	-2.3%	-2.7%	-8.0%	-14.1%	4.0%	7.9%	6.1%	7.4%	9.8%	4.7%	Mar-08
NFI-ODCE	-0.7%	-2.2%	-8.2%	-12.9%	2.7%	6.2%	4.7%	5.4%	7.2%	4.4%	Mar-08
NPI	0.0%	0.0%	-3.7%	-7.1%	3.9%	6.6%	5.6%	6.0%	7.6%	6.0%	Mar-08
InvMetrics All DB Real Estate Pub Net Rank	53	60	91	98	19	13	1	1	1	5	Mar-08
StepStone RE Intl Partnership I	0.0%	0.0%	-6.6%	-10.4%	-13.7%	-10.7%	-8.4%	-7.0%	-3.3%	-4.2%	Oct-07
NFI-ODCE	-0.7%	-2.2%	-8.2%	-12.9%	2.7%	6.2%	4.7%	5.4%	7.2%	4.5%	Oct-07
NPI	0.0%	0.0%	-3.7%	-7.1%	3.9%	6.6%	5.6%	6.0%	7.6%	6.0%	Oct-07
Infrastructure Composite	0.3%	0.1%	5.4%	8.6%	7.8%	8.9%	8.6%	6.9%	7.4%	8.3%	Aug-08
3 Month T-Bill +4%	0.8%	2.3%	6.7%	8.6%	6.6%	5.8%	5.7%	5.6%	5.1%	4.8%	Aug-08
J.P. Morgan Infrastructure	0.0%	0.0%	4.2%	7.7%	8.1%	8.0%	7.2%			6.9%	Dec-17
CPI +4%	0.6%	1.9%	6.8%	7.8%	10.1%	10.0%	8.2%	7.7%	6.9%	8.1%	Dec-17
IFM Global Infrastructure (U.S)	1.0%	0.4%	5.6%	9.8%	8.8%	11.8%	10.3%			11.9%	Feb-18
CPI +4%	0.6%	1.9%	6.8%	7.8%	10.1%	10.0%	8.2%	7.7%	6.9%	8.0%	Feb-18

* Certain values are lagged. HIG Bayside VI, Owl Rock, Carlyle, StepStone RE, JPM IIF, Alinda II, Ullico IF, Fort Washington funds, Portfolio Advisors IV & V, North Sky V, JPM VIII, JPM IX, JPM X, Siguler Guff V, and Blue Chip are valued as of June 30, 2023. All lagged values have been updated for corresponding cash flows.

Annualized Performance (Net of Fees)

Ending September 30, 2023

	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Alinda Fund II	0.0%	0.0%	155.7%	154.7%	50.2%	25.6%	12.1%	5.9%	7.5%	8.0%	Aug-08
3 Month T-Bill +4%	0.8%	2.3%	6.7%	8.6%	6.6%	5.8%	5.7%	5.6%	5.1%	4.8%	Aug-08
Ullico - Infrastructure	0.0%	0.0%	7.4%							7.6%	Nov-22
CPI +4%	0.6%	1.9%	6.8%	7.8%	10.1%	10.0%	8.2%	7.7%	6.9%	6.8%	Nov-22
Private Equity Composite	0.0%	0.0%	5.9%	4.4%	3.9%	16.7%	13.9%	14.3%	13.5%	8.8%	Jul-93
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	15.5%	Jul-93
Fort Washington Fund V	0.0%	0.0%	-2.3%	-5.6%	-8.4%	4.4%	5.1%	6.3%	7.1%	7.4%	Sep-07
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	11.8%	Sep-07
Portfolio Advisors IV - Special Sit	0.0%	0.0%	-0.1%	3.2%	3.2%	6.6%	0.4%	1.9%	2.1%	3.7%	Jun-07
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	11.8%	Jun-07
Fort Washington Fund VI	0.0%	0.0%	0.6%	0.6%	-9.6%	5.0%	7.0%	9.8%	11.3%	12.4%	Apr-08
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	12.0%	Apr-08
Portfolio Advisors V - Special Sit	0.0%	0.0%	3.1%	4.2%	4.9%	7.8%	4.6%	5.3%	6.1%	6.6%	Aug-08
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	12.3%	Aug-08
Fort Washington Fund VIII	0.0%	0.0%	2.5%	3.1%	1.4%	15.0%	13.4%	13.6%		11.9%	Jan-14
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	14.9%	Jan-14
Fort Washington Opp Fund III	0.0%	0.0%	2.2%	-5.0%	-1.8%	6.0%	-0.3%	5.3%		12.8%	Jul-14
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	14.7%	Jul-14
North Sky Fund V	0.0%	0.0%	13.7%	12.2%	8.5%	20.8%	21.6%	20.9%		12.2%	Apr-14
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	14.9%	Apr-14
Fort Washington Fund IX	0.0%	0.0%	4.9%	-1.0%	3.3%	19.4%	15.9%	19.8%		19.8%	Sep-16
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	16.3%	Sep-16
Fort Washington Fund X	0.0%	0.0%	6.1%	5.4%	7.7%	27.5%				19.1%	May-19
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	17.1%	May-19
JP Morgan Global Private Equity VIII	0.0%	0.0%	7.9%	10.2%	13.2%	18.1%				14.2%	Jun-19
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	16.1%	Jun-19
JP Morgan Global Private Equity IX	0.0%	0.0%	9.9%	13.2%	14.0%					21.2%	Nov-20
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	16.7%	Nov-20
JP Morgan Global Private Equity X	0.0%	0.0%	2.8%	-0.2%						-8.9%	Jul-22
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	0.9%	Jul-22

* Certain values are lagged. HIG Bayside VI, Owl Rock, Carlyle, StepStone RE, JPM IIF, Alinda II, Ullico IF, Fort Washington funds, Portfolio Advisors IV & V, North Sky V, JPM VIII, JPM IX, JPM X, Siguler Guff V, and Blue Chip are valued as of June 30, 2023. All lagged values have been updated for corresponding cash flows.

** Burgiss Global All PE benchmark data is updated through 6/30/23

Annualized Performance (Net of Fees)

Ending September 30, 2023

	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Siguler Guff Small Buyout Opportunities V	0.0%	0.0%	3.1%	19.7%						49.3%	Aug-22
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	1.0%	Aug-22
Blue Chip Fund IV	0.0%	0.0%	-3.2%	-8.6%	2.0%	8.9%	5.9%	-7.7%	-7.0%	-1.1%	Dec-00
Burgiss Global All Private Equity	0.0%	0.0%	2.8%	3.4%	-0.2%	15.7%	15.7%	16.3%	15.2%	11.2%	Dec-00

* Certain values are lagged. HIG Bayside VI, Owl Rock, Carlyle, StepStone RE, JPM IIF, Alinda II, Ullico IF, Fort Washington funds, Portfolio Advisors IV & V, North Sky V, JPM VIII, JPM IX, JPM X, Siguler Guff V, and Blue Chip are valued as of June 30, 2023. All lagged values have been updated for corresponding cash flows.

** Burgiss Global All PE benchmark data is updated through 6/30/23



Calendar Performance (Net of Fees)

						Calenda	r Year				
	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Total Fund Composite	-9.3%	17.4%	10.3%	16.8%	-4.3%	14.9%	8.9%	-0.1%	6.4%	17.5%	12.0%
Target Benchmark	-10.8%	16.2%	12.7%	17.8%	-4.0%	15.5%	8.8%	0.5%	5.8%	17.2%	12.2%
InvMetrics Public DB > \$1B Net Rank	30	14	57	53	60	62	13	46	18	13	69
Fixed Income Composite	-12.0%	0.6%	9.5%	9.6%	-0.6%	5.6%	7.2%	-2.1%	5.6%	0.7%	8.6%
Bloomberg US Aggregate TR	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
InvMetrics Public DB Total Fix Inc Net Rank	60	21	11	31	57	45	14	78	17	20	36
NTGI Agg Bond	-12.9%										
Bloomberg US Aggregate TR	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
eV US Core Fixed Inc Net Rank	42										
Loomis Sayles Core-Plus	-12.5%	-1.0%	11.1%	9.5%	-0.5%	5.2%	6.9%				
Bloomberg US Aggregate TR	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
eV US Core Plus Fixed Inc Net Rank	21	80	11	60	47	24	17				
Shenkman - Four Points	-7.1%	4.6%	11.6%	13.3%	-1.0%	7.5%	16.1%	-4.2%	2.6%	10.7%	11.9%
Bloomberg US High Yield TR	-11.2%	5.3%	7.1%	14.3%	-2.1%	7.5%	17.1%	-4.5%	2.5%	7.4%	15.8%
eV US High Yield Fixed Inc Net Rank	22	61	2	53	28	39	20	66	35	10	91
Private Debt Composite	-0.2%	-10.9%									
Bloomberg US Aggregate TR	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
H.I.G. Bayside Opportunity VI	0.0%	-10.9%									
Bloomberg US Aggregate TR	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
Owl Rock Diversified Lending											
Bloomberg US Aggregate TR	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
Carlyle Direct Lending IV											
Bloomberg US Aggregate TR	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%

* Burgiss Global All PE benchmark data is updated through 6/30/23

Calendar Performance (Net of Fees)

						Calenda	r Year				
	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
U.S. Equity Composite	-16.3%	30.3%	12.5%	27.8%	-8.6%	17.8%	16.3%	-3.0%	10.8%	35.4%	15.4%
Russell 3000	-19.2%	25.7%	20.9%	31.0%	-5.2%	21.1%	12.7%	0.5%	12.6%	33.6%	16.4%
InvMetrics Public DB US Eq Net Rank	24	2	94	91	92	96	3	89	54	24	58
NTGI Russell 3000	-19.2%										
Russell 3000	-19.2%	25.7%	20.9%	31.0%	-5.2%	21.1%	12.7%	0.5%	12.6%	33.6%	16.4%
eV US Passive All Cap Equity Gross Rank	67										
NTGI Russell 1000 Value	-7.6%	25.2%	3.0%	26.6%	-8.2%	13.8%	17.3%	-3.6%	13.5%		
Russell 1000 Value	-7.5%	25.2%	2.8%	26.5%	-8.3%	13.7%	17.3%	-3.8%	13.5%	32.5%	17.5%
eV US Large Cap Value Equity Net Rank	68	65	53	48	42	84	19	57	24		
Vanguard Mid Cap Value	-7.9%	28.8%	2.5%	28.0%							
CRSP US Mid Cap Value TR USD	-7.8%	28.8%	2.5%	28.1%	-12.4%	17.1%	15.3%	-1.8%	14.1%	37.4%	17.9%
Mid-Cap Value MStar MF Rank	48	49	58	42							
NTGI Russell 2000 Value	-14.5%	28.1%	4.9%	22.6%	-12.7%	8.1%	31.9%	-7.3%	4.3%		
Russell 2000 Value	-14.5%	28.3%	4.6%	22.4%	-12.9%	7.8%	31.7%	-7.5%	4.2%	34.5%	18.0%
eV US Small Cap Value Equity Net Rank	73	54	47	60	29	68	13	72	56		
Non-U.S. Equity Composite	-15.4%	10.2%	7.5%	18.9%	-16.2%	27.7%	7.3%	-4.9%	-1.4%	14.5%	18.2%
MSCI ACWI ex USA	-16.0%	7.8%	10.7%	21.5%	-14.2%	27.2%	4.5%	-5.7%	-3.9%	15.3%	16.8%
InvMetrics Public DB ex-US Eq Net Rank	14	15	97	98	68	59	7	68	13	79	49
NTGI ACWI Ex-US	-15.5%										
MSCI ACWI ex USA	-16.0%	7.8%	10.7%	21.5%	-14.2%	27.2%	4.5%	-5.7%	-3.9%	15.3%	16.8%
eV ACWI ex-US All Cap Equity Net Rank	32										
DFA Emerging Markets Small Cap	-15.3%	14.6%	13.8%	14.9%	-17.6%	35.3%	10.9%	-8.7%			
MSCI Emerging Markets Small Cap	-18.0%	18.8%	19.3%	11.5%	-18.6%	33.8%	2.3%	-6.8%	1.0%	1.0%	22.2%
eV Emg Mkts Small Cap Equity Net Rank	40	59	64	52	46	55	15	59			
Volatility Risk Premium Composite											
CBOE Put Write Index	-7.7%	21.8%	2.1%	13.5%	-5.9%	10.8%	7.8%	6.4%	6.3%	12.3%	8.1%
NB US Index PutWrite											
CBOE Put Write Index	-7.7%	21.8%	2.1%	13.5%	-5.9%	10.8%	7.8%	6.4%	6.3%	12.3%	8.1%

Calendar Performance (Net of Fees)

						Calenda	r Year				
	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Real Estate Composite	5.5%	22.3%	2.2%	5.8%	7.5%	7.9%	9.3%	14.8%	12.4%	14.8%	11.0%
NFI-ODCE	6.5%	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%	12.9%	9.8%
NPI	5.5%	17.7%	1.6%	6.4%	6.7%	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%
InvMetrics All DB Real Estate Priv Net Rank	64	34	7	43	39	20	7	22	31	17	30
J.P. Morgan SPF	3.7%	19.8%	0.4%	3.3%	7.0%	6.2%	7.3%	14.1%	10.3%	14.8%	10.9%
NFI-ODCE	6.5%	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%	12.9%	9.8%
NPI	5.5%	17.7%	1.6%	6.4%	6.7%	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%
InvMetrics All DB Real Estate Pub Net Rank	86	32	67	89	53	56	45	31	85	10	34
Morgan Stanley P.P.	6.1%	21.5%	1.3%	6.2%	8.0%	8.7%	9.2%	14.6%	14.1%	16.2%	11.7%
NFI-ODCE	6.5%	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%	12.9%	9.8%
NPI	5.5%	17.7%	1.6%	6.4%	6.7%	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%
InvMetrics All DB Real Estate Pub Net Rank	62	20	29	42	15	10	11	21	25	5	22
PRISA III	7.8%	24.6%	9.5%	9.1%	7.9%	9.9%	13.2%	22.7%	16.9%	14.9%	13.7%
NFI-ODCE	6.5%	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%	12.9%	9.8%
NPI	5.5%	17.7%	1.6%	6.4%	6.7%	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%
InvMetrics All DB Real Estate Pub Net Rank	30	10	1	19	20	9	1	1	14	8	16
Principal Enhanced	6.3%	25.9%	0.7%	6.8%	9.5%	9.3%	13.5%	20.3%	13.8%	18.0%	12.6%
NFI-ODCE	6.5%	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%	12.9%	9.8%
NPI	5.5%	17.7%	1.6%	6.4%	6.7%	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%
InvMetrics All DB Real Estate Pub Net Rank	58	8	48	31	1	10	1	1	27	2	17
StepStone RE Intl Partnership I	-14.8%	-10.5%	-10.3%	2.2%	-6.6%	1.7%	1.8%	0.0%	6.9%	7.9%	4.1%
NFI-ODCE	6.5%	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%	12.9%	9.8%
NPI	5.5%	17.7%	1.6%	6.4%	6.7%	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%
Infrastructure Composite	7.3%	10.8%	8.1%	11.3%	4.8%	2.4%	0.4%	11 .2 %	12.5%	4.2%	5.7%
3 Month T-Bill +4%	5.5%	4.0%	4.5%	6.1%	6.0%	5.0%	4.3%	4.0%	4.0%	4.1%	4.1%
J.P. Morgan Infrastructure	9.6%	7.7%	4.5%	9.1%	4.9%						
CPI +4%	10.7%	11.3%	5.4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%
IFM Global Infrastructure (U.S)	8.2%	17.7%	2.8%	14.6%							
CPI +4%	10.7%	11.3%	5.4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%
Alinda Fund II	-9.6%	-14.3%	-7.5%	3.0%	-13.0%	-5.4%	-4.4%	13.1%	21.9%	0.2%	0.6%
3 Month T-Bill +4%	5.5%	4.0%	4.5%	6.1%	6.0%	5.0%	4.3%	4.0%	4.0%	4.1%	4.1%
Ullico - Infrastructure											
CPI +4%	10.7%	11.3%	5.4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%

Calendar Performance (Net of Fees)

						Calenda	r Year				
	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Private Equity Composite	-1.3%	32.5%	22.0%	11.3%	16.0%	14.3%	8.1%	8.2%	8.5%	26.5%	8.4%
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%
Fort Washington Fund V	-15.2%	24.2%	17.4%	5.3%	9.0%	9.3%	2.6%	2.7%	12.1%	22.4%	11.0%
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%
Portfolio Advisors IV - Special Sit	2.9%	14.2%	-4.5%	-4.8%	-2.1%	7.2%	1.4%	-1.6%	5.3%	10.2%	14.7%
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%
Fort Washington Fund VI	-19.8%	26.5%	17.2%	16.2%	18.0%	16.7%	0.4%	16.8%	17.0%	24.5%	12.9%
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%
Portfolio Advisors V - Special Sit	-0.6%	15.8%	6.1%	0.5%	4.4%	4.5%	7.7%	1.9%	14.3%	9.6%	12.3%
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%
Fort Washington Fund VIII	-3.2%	28.4%	26.0%	14.3%	13.1%	13.6%	19.6%	24.3%			
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%
Fort Washington Opp Fund III	-3.5%	21.8%	-16.4%	-4.9%	16.6%	22.0%	29.0%	47.4%			
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%
North Sky Fund V	-1.4%	38.9%	31.4%	19.5%	34.2%	8.7%	9.4%	-1.3%			
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%
Fort Washington Fund IX	-3.2%	41.0%	28.0%	13.3%	11.3%	-0.3%					
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%
Fort Washington Fund X	7.0%	50.2%	22.7%								
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%
JP Morgan Global Private Equity VIII	12.7%	28.7%	12.6%								
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%
JP Morgan Global Private Equity IX	13.5%	24.1%									
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%
JP Morgan Global Private Equity X											
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%
Siguler Guff Small Buyout Opportunities V											
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%
Blue Chip Fund IV	-4.3%	16.1%	13.2%	14.8%	-40.0%	-14.8%	-18.0%	-15.7%	3.4%	4.4%	1.8%
Burgiss Global All Private Equity	-8.7%	40.5%	33.7%	17.8%	12.3%	20.8%	9.0%	10.3%	12.8%	20.9%	12.9%

* Burgiss Global All PE benchmark data is updated through 6/30/23

Statistics

Detail for Period Ending September 30, 2023

Account Name	Vintage Year	Commitment (\$)	Unfunded Commitment (\$)	Call Ratio	Cumulative A Contributions (\$)	dditional Fees (\$)	Cumulative Distributions (\$)	Valuation (\$)	Total Value (\$)	DPI	TVPI	RVPI	IRR (%)
Infrastructure													
Alinda Fund II	2008	65,000,000	4,442,823	1.32	85,981,230	0	94,130,415	278,412	94,408,827	1.09	1.10	0.00	1.98
Total Infrastructure		65,000,000	4,442,823	1.32	85,981,230	0	94,130,415	278,412	94,408,827	1.09	1.10	0.00	6.09
Other													
H.I.G. Bayside Opportunity VI	2020	40,000,000	16,044,346	0.68	27,195,174	0	7,174,642	23,414,898	30,589,540	0.26	1.12	0.86	9.55
Owl Rock Diversified Lending	2022	20,000,000	9,000,000	0.55	11,000,000	0	174,776	12,046,487	12,221,263	0.02	1.11	1.10	
Carlyle Direct Lending IV	2023	20,000,000	15,000,000	0.25	5,000,000	0	0	4,994,370	4,994,370	0.00	1.00	1.00	
Total Other		80,000,000	40,044,346	0.54	43,195,174	0	7,349,418	40,455,755	47,805,173	0.17	1.11	0.94	9.91
Private Equity													
Fort Washington Fund V	2007	40,000,000	2,449,299	0.94	37,550,701	0	66,524,062	7,741,846	74,265,908	1.77	1.98	0.21	10.29
Portfolio Advisors IV - Special Sit	2007	18,600,000	1,628,786	0.91	16,971,214	0	22,417,318	1,408,250	23,825,568	1.32	1.40	0.08	5.36
Fort Washington Fund VI	2008	30,000,000	4,309,950	0.86	25,690,050	0	51,397,158	4,313,555	55,710,713	2.00	2.17	0.17	14.10
Portfolio Advisors V - Special Sit	2008	8,375,000	895,626	0.89	7,479,374	0	11,446,678	526,152	11,972,830	1.53	1.60	0.07	8.51
Fort Washington Fund VIII	2014	50,000,000	13,500,001	0.73	36,499,999	0	42,500,000	36,155,964	78,655,964	1.16	2.15	0.99	15.43
Fort Washington Opp Fund III	2014	30,000,000	7,800,000	0.74	22,200,000	0	26,985,000	9,279,363	36,264,363	1.22	1.63	0.42	13.99
North Sky Fund V	2014	40,000,000	13,600,000	0.66	26,400,000	0	44,476,131	31,370,169	75,846,300	1.68	2.87	1.19	20.37
Fort Washington Fund IX	2016	50,000,000	12,750,000	0.75	37,250,000	0	14,000,000	57,485,045	71,485,045	0.38	1.92	1.54	17.08
Fort Washington Fund X	2019	40,000,000	15,200,000	0.62	24,800,000	0	3,000,000	34,143,558	37,143,558	0.12	1.50	1.38	19.01
JP Morgan Global Private Equity VIII	2019	40,000,000	8,567,894	0.80	32,143,356	572,149	4,582,064	40,779,203	45,361,267	0.14	1.41	1.27	16.15
JP Morgan Global Private Equity IX	2020	20,000,000	8,707,340	0.58	11,598,496	143,972	796,886	14,685,828	15,482,714	0.07	1.33	1.27	
JP Morgan Global Private Equity X	2022	40,000,000	31,035,635	0.22	8,964,365	113,976	0	9,114,910	9,114,910	0.00	1.02	1.02	
Siguler Guff Small Buyout Opportunities V	2022	25,000,000	17,894,298	0.29	7,175,000	0	190,002	7,777,163	7,967,165	0.03	1.11	1.08	
Blue Chip Fund IV	2000	25,000,000	0	1.00	25,000,000	0	23,770,550	1,870,314	25,640,864	0.95	1.03	0.07	0.35
Total Private Equity		456,975,000	138,338,829	0.70	319,722,555	830,097	312,085,849	256,651,320	568,737,169	0.98	1.78	0.80	10.76
Real Estate													
StepStone RE Intl Partnership I	2007	24,386,050	990,696	0.96	23,395,354	0	23,030,765	1,186,501	24,217,266	0.98	1.04	0.05	0.55
Total Real Estate		24,386,050	990,696	0.96	23,395,354	0	23,030,765	1,186,501	24,217,266	0.98	1.04	0.05	0.55
Total		626,361,050	183,816,694	0.75	472,294,312	830,097	436,596,446	298,571,988	735,168,434	0.92	1.56	0.63	8.04

Closed End	l Funds

			Detail for	Period End	ang Septer	mber 30, 20)23				
Account Name	Vintage Year	IRR (1 Yr) (%)	IRR (3 Yrs) (%)	IRR (5 Yrs) (%)	IRR (7 Yrs) (%)	IRR (10 Yrs) (%)	IRR (%)	Prim PME (Long Nickels) (%)	Prim PME ^{See} Benchmark	c PME (Long Nickels) (%)	Sec PME Benchmark
Infrastructure											
Alinda Fund II	2008	3.90	-10.17	-7.32	-7.43	2.11	1.98	13.78	Russell 3000	11.48	Russell 2000
Total Infrastructure		3.56	-8.19	5.02	2.32	5.53	6.09	13.48		11.72	
Other											
H.I.G. Bayside Opportunity VI	2020	10.75	6.36				9.55	-5.66	Bloomberg US Aggregate TR		
Owl Rock Diversified Lending	2022								Bloomberg US Aggregate TR		
Carlyle Direct Lending IV	2023								Bloomberg US Aggregate TR		
Total Other		10.11	7.40				9.91	-5.58			
Private Equity											
Fort Washington Fund V	2007	-5.68	11.46	8.30	8.71	9.61	10.29	11.36	Russell 3000	10.72	Russell 2000
Portfolio Advisors IV - Special Sit	2007	3.38	7.21	-1.74	1.85	2.98	5.36	8.81	Russell 3000	8.16	Russell 2000
Fort Washington Fund VI	2008	0.87	10.45	10.26	13.45	15.12	14.10	13.21	Russell 3000	12.54	Russell 2000
Portfolio Advisors V - Special Sit	2008	4.21	9.40	3.46	5.24	7.68	8.51	12.16	Russell 3000	10.84	Russell 2000
Fort Washington Fund VIII	2014	3.06	19.73	15.24	14.95		15.43	12.98	Russell 3000	9.53	Russell 2000
Fort Washington Opp Fund III	2014	-5.01	7.77	0.07	9.81		13.99	11.42	Russell 3000	8.29	Russell 2000
North Sky Fund V	2014	10.59	25.35	23.80	23.11		20.37	13.52	Russell 3000	10.37	Russell 2000
Fort Washington Fund IX	2016	-1.03	20.45	17.24	17.08		17.08	10.92	Russell 3000	5.60	Russell 2000
Fort Washington Fund X	2019	5.32	21.01				19.01	7.16	Russell 3000	1.07	Russell 2000
JP Morgan Global Private Equity VIII	2019	10.20	17.33				16.15	5.13	Russell 3000	-1.91	Russell 2000
JP Morgan Global Private Equity IX	2020								Russell 3000		Russell 2000
JP Morgan Global Private Equity X	2022								Russell 3000		Russell 2000
Siguler Guff Small Buyout Opportunities V	2022								Russell 3000		Russell 2000
Blue Chip Fund IV	2000	-8.61	8.87	5.92	-9.23	-7.44	0.35	8.43	Russell 3000	7.94	Russell 2000
Total Private Equity		4.37	18.34	14.39	14.70	13.71	10.76	10.55		9.28	
Real Estate											
StepStone RE Intl Partnership I	2007	-10.42	-10.25	-6.51	-4.14	2.26	0.55	7.21	FTSE NAREIT All REIT		
Total Real Estate		-10.42	-10.25	-6.51	-4.14	2.26	0.55	7.21			
Total		4.94	15.79	12.63	11.19	10.84	8.04	10.58			

Detail for Period Ending September 30, 2023

Statistics

Closed End Funds

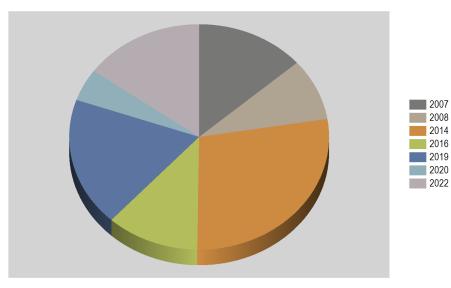
2Q23 Rankings

Detail for Period Ending June 30, 2023

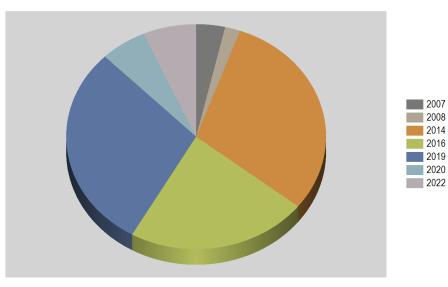
Account Name	Burgiss Universe	Vintage Year	IRR (%)	Quartile Rank	Top Quartile (%)	Median (%) (Bottom Quartile (%)	# of Funds
Infrastructure								
Alinda Fund II	Real Assets - North America	2008	1.98	3rd	11.15	7.76	0.80	55
Other								
H.I.G. Bayside Opportunity VI	Private Debt - North America	2020						
Owl Rock Diversified Lending	Private Debt - North America	2022						
Carlyle Direct Lending IV	Private Debt - Global	2023						
Private Equity								
Fort Washington Fund V	Private Equity - North America	2007	10.31	2nd	16.16	10.19	2.66	191
Portfolio Advisors IV - Special Sit	Private Equity - North America	2007	5.37	3rd	16.16	10.19	2.66	191
Fort Washington Fund VI	Private Equity - North America	2008	14.12	2nd	19.41	10.48	4.56	156
Portfolio Advisors V - Special Sit	Private Equity - North America	2008	8.52	3rd	19.41	10.48	4.56	156
Fort Washington Fund VIII	Private Equity - North America	2014	15.74	3rd	24.59	17.39	8.92	206
Fort Washington Opp Fund III	Private Equity - North America	2014	14.17	3rd	24.59	17.39	8.92	206
North Sky Fund V	Private Equity - North America	2014	20.70	2nd	24.59	17.39	8.92	206
Fort Washington Fund IX	Private Equity - North America	2016	17.97	3rd	26.71	20.60	13.79	194
Fort Washington Fund X	Private Equity - North America	2019	21.23	2nd	29.35	19.61	9.20	276
JP Morgan Global Private Equity VIII	Private Equity - Global	2019	17.48	3rd	29.35	19.61	9.20	276
JP Morgan Global Private Equity IX	Private Equity - Global	2020						
JP Morgan Global Private Equity X	Private Equity - Global	2022						
Siguler Guff Small Buyout Opportunities V	Private Equity - North America	2022						
Blue Chip Fund IV	Private Equity - North America	2000	0.35	3rd	10.49	1.80	-5.14	212
Real Estate								
StepStone RE Intl Partnership I	Real Estate - Global	2007	0.55	3rd	7.44	2.96	-5.12	101

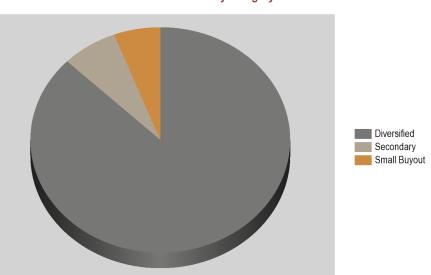
Private Equity w/o Blue Chip

Commitment by Vintage Year

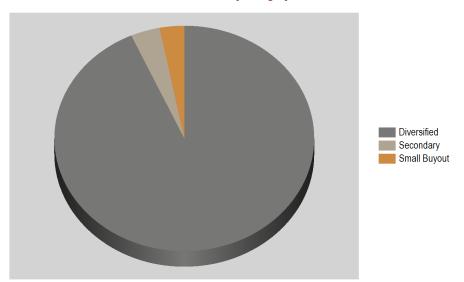


Valuation by Vintage Year



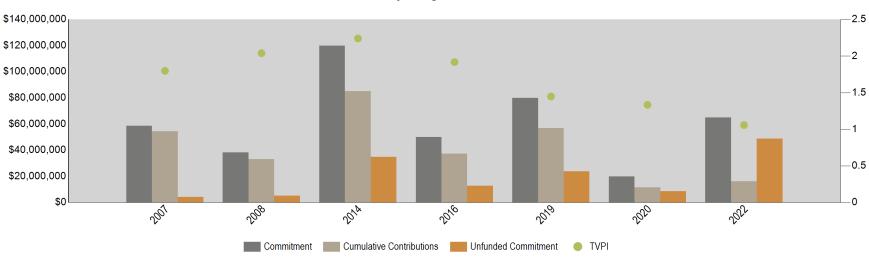


Valuation by Category



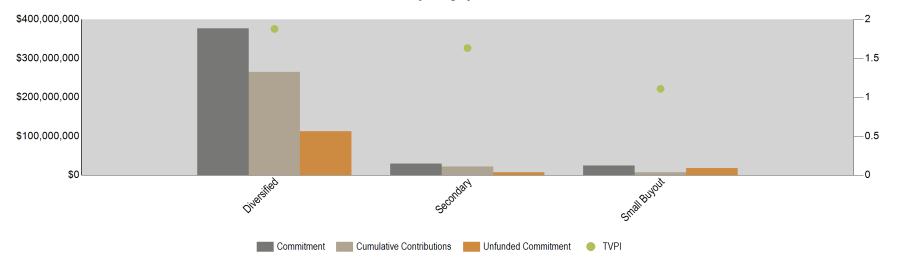
Commitment by Category

Private Equity w/o Blue Chip

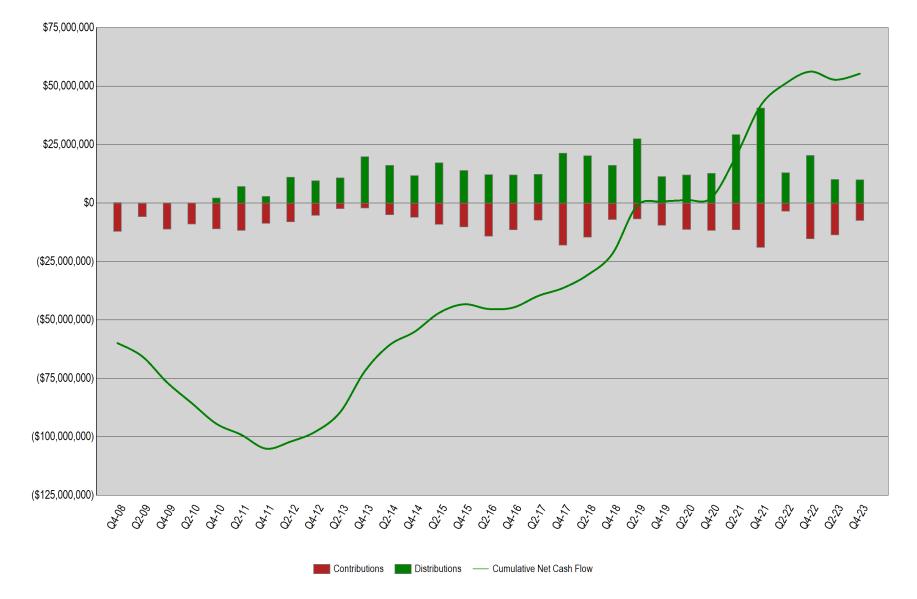


By Vintage Year

By Category



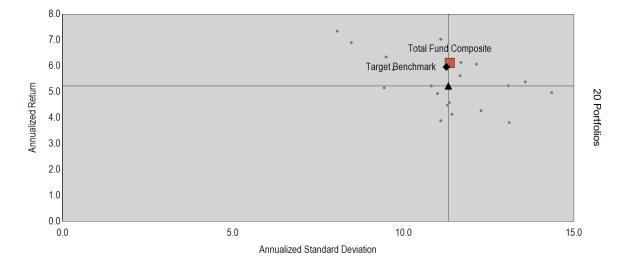
Private Equity w/o Blue Chip



Private Markets Cash Flow Analysis

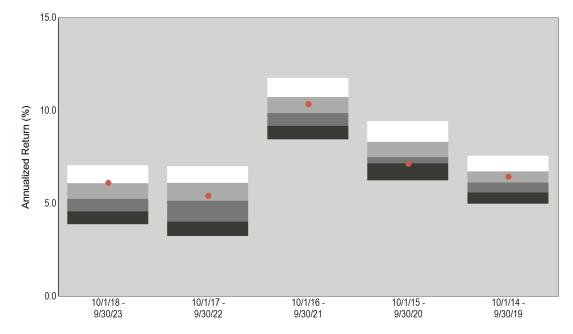


Market Value: \$2,184.8 Million and 100.0% of Fund





Rolling 5 Year Returns



	Return (Rank)									
5th Percentile	7.0		7.0		11.8		9.4		7.6	
25th Percentile	6.1		6.1		10.7		8.3		6.7	
Median	5.2		5.1		9.9		7.5		6.1	
75th Percentile	4.6		4.0		9.2		7.2		5.6	
95th Percentile	3.9		3.2		8.4		6.2		5.0	
# of Portfolios	20		57		80		75		69	
Total Fund Composite	6.1	(23)	5.4	(41)	10.3	(39)	7.1	(76)	6.4	(35)

Statistics

Market Value: \$2,184.8 Million and 100.0% of Fund

	Sharpe Ratio	Tracking Error	Anizd Alpha	Beta	R-Squared	Information Ratio	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Total Fund Composite	0.6	8.9%	2.7%	0.5	0.9	-0.2	10.3%	48.2%	57.5%
S&P 500	0.5						17.9%		
Total Fund Composite	0.6	7.4%	4.2%	0.6	1.0	0.2	10.3%	58.3%	59.5%
MSCI ACWI	0.3						17.1%		
		4 70/	4 70/				40.0%	100 59/	00.0%
Total Fund Composite	0.6	1.7%	1.7%	1.0	1.0	0.8	10.3%	103.5%	93.8%
Target Benchmark	0.5						10.5%		
Fixed Income Composite	-0.7	1.6%	2.5%	1.0	0.9	1.7	6.2%	113.0%	83.6%
Bloomberg US Aggregate TR	-1.1						6.2%		
Loomis Sayles Core-Plus	-0.9	1.2%	1.4%	1.0	1.0	0.9	6.6%	113.1%	95.8%
Bloomberg US Aggregate TR	-1.1						6.2%		
Shenkman - Four Points Bloomberg US High Yield TR	0.4	3.5%	2.6%	0.7	0.8	0.6	6.2% 8.0%	75.9%	55.1%
U.S. Equity Composite	0.6	4.6%	2.6%	1.0	0.9	0.6	18.7%	102.7%	93.5%
S&P 500	0.5						17.9%		
U.S. Equity Composite	0.6	4.6%	5.5%	1.1	0.9	1.3	18.7%	122.4%	95.0%
MSCI ACWI	0.3						17.1%		
U.S. Equity Composite	0.6	3.5%	3.4%	1.0	1.0	1.0	18.7%	104.7%	92.5%
Russell 3000	0.4			-			18.2%		
NTGI Russell 1000 Value	0.5	0.0%	0.0%	1.0	1.0	0.4	17.6%	100.0%	99.9%
Russell 1000 Value	0.5						17.6%		
Vanguard Mid Cap Value	0.5	0.0%	0.0%	1.0	1.0	-1.9	19.2%	99.8%	100.0%
CRSP US Mid Cap Value TR USD	0.5						19.2%		
NTGI Russell 2000 Value	0.5	0.1%	0.0%	1.0	1.0	0.2	23.1%	99.9%	99.9%
Russell 2000 Value	0.5						23.2%		

Statistics

Market Value: \$2,184.8 Million and 100.0% of Fund

	Sharpe Ratio	Tracking Error	Anlzd Alpha	Beta	R-Squared	Information Ratio	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Non-U.S. Equity Composite	0.2	2.3%	1.3%	1.0	1.0	0.7	18.0%	110.6%	101.2%
MSCI ACWI ex USA	0.1						17.2%		
DFA Emerging Markets Small Cap	0.4	4.6%	-1.8%	0.9	0.9	-0.6	16.1%	82.2%	95.3%
MSCI Emerging Markets Small Cap	0.5						16.9%		

Statistics

Market Value: \$2,184.8 Million and 100.0% of Fund

	Sharpe Ratio	Tracking Error	Anlzd Alpha	Beta	R-Squared	Information Ratio	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Total Fund Composite	0.4	9.2%	0.5%	0.6	0.9	-0.4	11.4%	38.1%	68.9%
S&P 500	0.4						19.0%		
Total Fund Composite	0.4	7.6%	2.2%	0.6	0.9	0.0	11.4%	47.5%	69.7%
MSCI ACWI	0.3						18.1%		
Total Fund Composite	0.4	1.8%	0.2%	1.0	1.0	0.1	11.4%	99.8%	99.1%
Target Benchmark	0.4						11.3%		
Fixed Income Composite	-0.1	3.6%	1.0%	0.9	0.7	0.3	6.2%	103.2%	90.7%
Bloomberg US Aggregate TR	-0.3						5.6%		
Loomis Sayles Core-Plus	-0.1	1.7%	1.0%	1.0	0.9	0.6	6.0%	116.4%	99.4%
Bloomberg US Aggregate TR	-0.3						5.6%		
Shenkman - Four Points	0.3	3.1%	1.8%	0.9	0.9	0.5	8.8%	89.9%	79.5%
Bloomberg US High Yield TR	0.1						9.3%		

U.S. Equity Composite	0.3	5.1%	-3.1%	1.1	0.9	-0.5	21.0%	99.4%	104.6%
S&P 500	0.4						19.0%		
	0.0	F 00/	0.00/		4.0	0.0	04.00/	402.00/	404.00/
U.S. Equity Composite	0.3	5.2%	0.3%	1.1	1.0	0.2	21.0%	123.0%	104.9%
MSCI ACWI	0.3						18.1%		

U.S. Equity Composite	0.3	4.1%	-2.1%	1.1	1.0	-0.4	21.0%	98.9%	102.8%
Russell 3000	0.4						19.6%		
NTGI Russell 1000 Value	0.2	0.1%	0.1%	1.0	1.0	1.4	19.3%	100.2%	99.9%
Russell 1000 Value	0.2						19.3%		
Vanguard Mid Cap Value	0.2	0.0%	0.0%	1.0	1.0	-0.7	21.9%	99.9%	100.0%
CRSP US Mid Cap Value TR USD	0.2						21.9%		
NTGI Russell 2000 Value	0.0	0.1%	0.1%	1.0	1.0	1.2	25.2%	100.2%	99.9%
Russell 2000 Value	0.0						25.3%		

Statistics

Market Value: \$2,184.8 Million and 100.0% of Fund

	Sharpe Ratio	Tracking Error	Anlzd Alpha	Beta	R-Squared	Information Ratio	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Non-U.S. Equity Composite	0.0	2.8%	-0.6%	1.1	1.0	-0.1	19.0%	108.3%	103.4%
MSCI ACWI ex USA	0.1						17.7%		
DFA Emerging Markets Small Cap	0.2	4.1%	-0.8%	1.0	1.0	-0.3	20.3%	88.3%	98.0%
MSCI Emerging Markets Small Cap	0.2						20.8%		



As of September 30, 2023

Characteristics

Market Value: \$183.0 Million and 8.4% of Fund

Maturity

>20 Years

Not Rated/Cash

Q3-23 0.4%

22.6%

16.8%

13.6%

29.7%

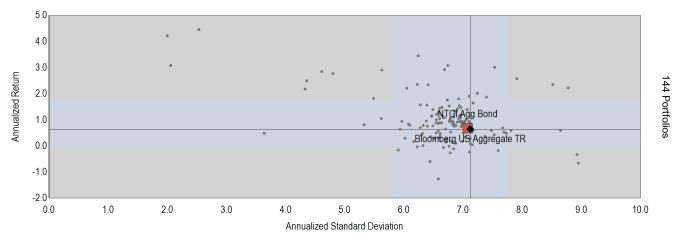
1.6%

4.9%

10.3%

0.0%





Characteristics

	Portfolio	Index
	Q3-23	Q3-23
Yield to Maturity	5.4%	5.4%
Avg. Eff. Maturity	8.4 yrs.	8.4 yrs.
Avg. Duration	6.0 yrs.	5.9 yrs.
Avg. Quality	AA	
Region		Number Of Assets
North America ex U.S.		128
United States		7,371

125

80 28

48

71

113

7,964

Europe Ex U.K.

United Kingdom

Emerging Markets

Japan

Other

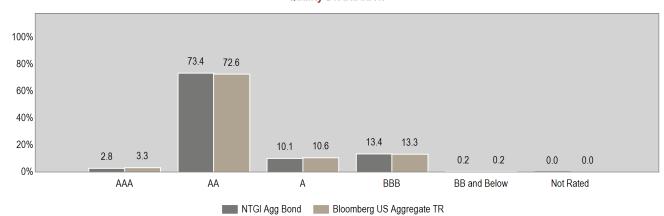
Total

Pacific Basin Ex Japan

	Portfolio	Index	
	Q3-23	Q3-23	<1 Year
US Sector Allocation			1-3 Years
UST/Agency	42.4	42.5	1-5 1 6 6 1 5
Corporate	24.1	24.7	3-5 Years
MBS	27.6	28.3	5-7 Years
ABS	0.4	0.6	7-10 Years
Foreign	3.2	3.3	10.1E Vooro
Muni	0.6	0.6	10-15 Years
	0.0	0.0	15-20 Years

Sector

Quality Distribution





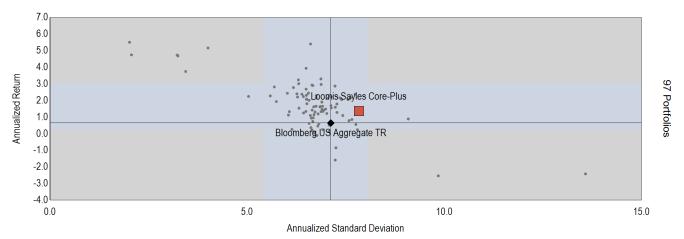
Loomis Sayles Core-Plus

Characteristics

Market Value: \$134.0 Million and 6.1% of Fund

As of September 30, 2023

Risk / Return - 1 Year



Characteristics

	Portfolio	Index
	Q3-23	Q3-23
Yield to Maturity	6.4%	5.4%
Avg. Eff. Maturity	13.2 yrs.	8.4 yrs.
Avg. Duration	8.4 yrs.	5.9 yrs.
Avg. Quality	А	

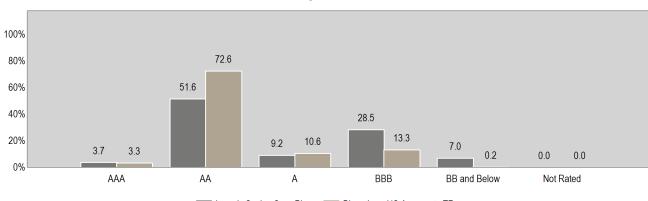
Region	Number Of Assets
North America ex U.S.	2
United States	222
Europe Ex U.K.	21
United Kingdom	6
Pacific Basin Ex Japan	1
Japan	1
Emerging Markets	21
Other	13
Total	287

Portfolio Index Q3-23 Q3-23 **US Sector Allocation** UST/Agency 33.4 42.5 Corporate 23.9 24.7 2.6 MBS 28.3 ABS 4.4 0.6 3.8 3.3 Foreign Muni 0.2 0.6 Cash 1.8 ---

Sector

Maturity

	Q3-23
<1 Year	4.0%
1-3 Years	12.4%
3-5 Years	6.5%
5-7 Years	9.4%
7-10 Years	26.9%
10-15 Years	1.3%
15-20 Years	22.3%
>20 Years	17.3%
Not Rated/Cash	0.0%



Quality Distribution

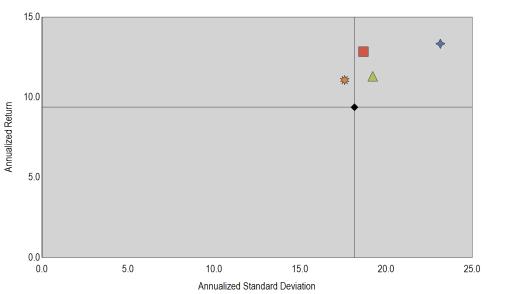
Loomis Sayles Core-Plus Bloomberg US Aggregate TR

U.S. Equity Composite

As of September 30, 2023

Characteristics

Market Value: \$614.0 Million and 28.1% of Fund



Risk / Return - 3 Years

- U.S. Equity Composite
- NTGI Russell 1000 Value *
- Vanguard Mid Cap Value Δ
- NTGI Russell 2000 Value ♦
- Russell 3000 ٠

Characteristics

	Portfolio	Russell 3000
Number of Holdings	3,170	2,994
Weighted Avg. Market Cap. (\$B)	431.9	549.4
Median Market Cap. (\$B)	2.5	2.3
Price To Earnings	18.5	21.0
Price To Book	3.2	3.9
Price To Sales	1.8	2.2
Return on Equity (%)	19.6	22.3
Yield (%)	1.9	1.6
Beta	1.0	1.0
R-Squared	1.0	1.0

Characteristics

	Portfolio	Russell 3000
INDUSTRY SECTOR DISTRIBUTION (% Equity)		
Energy	5.5	4.3
Materials	3.4	2.7
Industrials	10.6	9.8
Consumer Discretionary	9.6	10.7
Consumer Staples	5.9	6.1
Health Care	12.5	13.4
Financials	15.1	13.4
Information Technology	20.7	26.0
Communication Services	6.9	8.2
Utilities	3.2	2.4
Real Estate	4.0	2.9
Unclassified	2.5	0.0

Large		
	End Weight	Return
APPLE INC	4.5	-11.6
MICROSOFT CORP	4.2	-7.1
AMAZON.COM INC	2.0	-2.5
NVIDIA CORPORATION	1.8	2.8
BERKSHIRE HATHAWAY INC	1.4	2.7

Top Contributors				
	End Weight	Return	Contribution	
ALPHABET INC	1.4	9.3	0.1	
ELI LILLY AND CO	0.8	14.8	0.1	
EXXON MOBIL CORP	1.1	10.6	0.1	
ALPHABET INC	1.2	9.0	0.1	
AMGEN INC	0.3	22.0	0.1	

Bottom Contributors

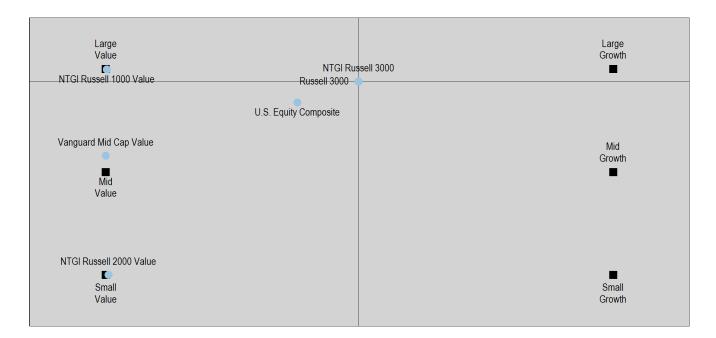
	End Weight	Return	Contribution
APPLE INC	4.5	-11.6	-0.5
MICROSOFT CORP	4.2	-7.1	-0.3
RTX CORP	0.2	-26.0	-0.1
NEXTERA ENERGY INC	0.3	-22.3	-0.1
MERCK & CO INC	0.6	-10.2	-0.1

Market Capitalization

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
U.S. Equity Composite	9.2%	8.2%	19.1%	23.2%	40.3%
Russell 3000	5.6%	6.7%	14.5%	25.0%	48.3%
Weight Over/Under	3.6%	1.5%	4.6%	-1.8%	-7.9%



U.S. Equity Style Map



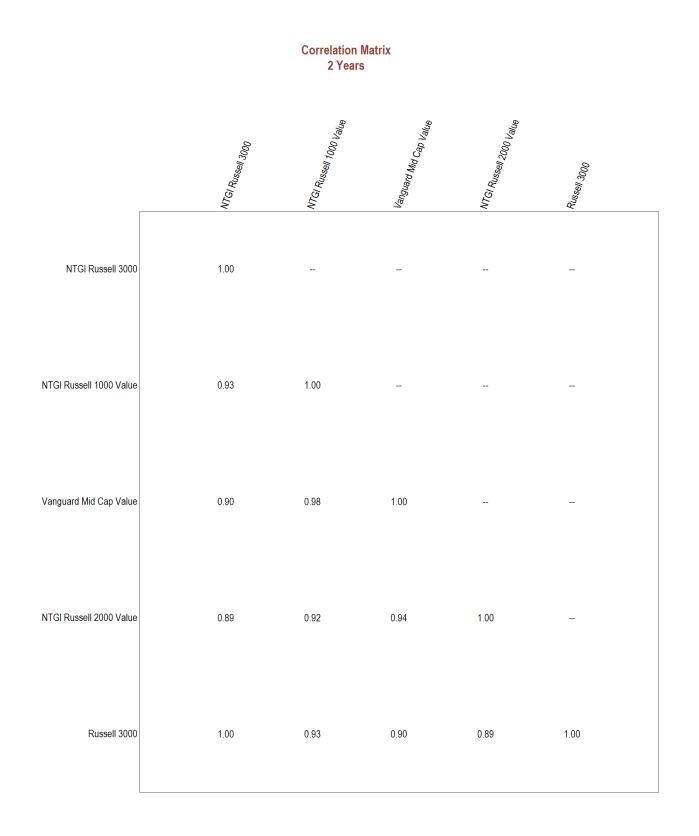
Common Holdings Matrix

	Aro.	1 of Russell 3000	AV	Vol Russell 1000 Value	2	unguard Mid Cap Value		V. G. Russell 2000 Value
	#	%	#	%	#	%	#	%
NTGI Russell 3000			820	99	191	99	1,342	95
NTGI Russell 1000 Value	820	54			185	95	1	0
Vanguard Mid Cap Value	191	8	185	17			0	0
NTGI Russell 2000 Value	1,342	3	1	0	0	0		

U.S. Equity Composite

As of September 30, 2023

Market Value: \$614.0 Million and 28.1% of Fund



Marquette Associates

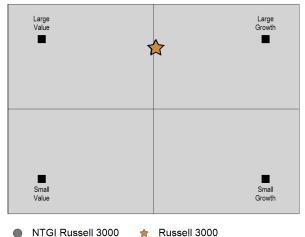


As of September 30, 2023

Characteristics

Market Value: \$464.5 Million and 21.3% of Fund

Style Drift - 3 Years



NTGI Russell 3000

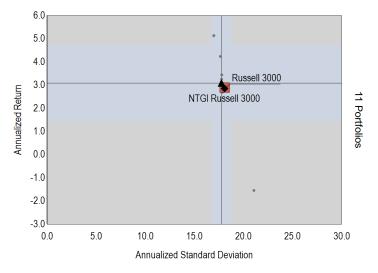
Characteristics

	Portfolio	Russell 3000
Number of Holdings	3,000	2,994
Weighted Avg. Market Cap. (\$B)	549.1	549.4
Median Market Cap. (\$B)	2.3	2.3
Price To Earnings	20.9	21.0
Price To Book	3.9	3.9
Price To Sales	2.2	2.2
Return on Equity (%)	22.3	22.3
Yield (%)	1.6	1.6
Beta		1.0
R-Squared		1.0

Characteristics

	Portfolio	Russell 3000
INDUSTRY SECTOR DISTRIBUTION (%	Equity)	
Energy	4.7	4.3
Materials	2.7	2.7
Industrials	9.5	9.8
Consumer Discretionary	10.3	10.7
Consumer Staples	5.9	6.1
Health Care	13.0	13.4
Financials	13.0	13.4
Information Technology	25.2	26.0
Communication Services	8.0	8.2
Utilities	2.2	2.4
Real Estate	2.8	2.9
Unclassified	2.8	0.0

Risk / Return - Since Inception



	Largest Holdings		
	End We	eight	Return
APPLE INC	6.0)	-11.6
MICROSOFT CORP	5.5	i	-7.1
AMAZON.COM INC	2.7		-2.5
NVIDIA CORPORATION	2.4		2.8
ALPHABET INC	1.8		9.3
	Top Contributors End Weight	Return	Contribution

	Lina Weigint	Return	Contribution
ALPHABET INC	1.8	9.3	0.2
ELI LILLY AND CO	1.1	14.8	0.2
ALPHABET INC	1.6	9.0	0.1
EXXON MOBIL CORP	1.1	10.6	0.1
AMGEN INC	0.3	22.0	0.1

Bottom Contributors					
	End Weight	Return	Contribution		
APPLE INC	6.0	-11.6	-0.7		
MICROSOFT CORP	5.5	-7.1	-0.4		
TESLA INC	1.6	-4.4	-0.1		
AMAZON.COM INC	2.7	-2.5	-0.1		
RTX CORP	0.2	-26.0	-0.1		

Market Capitalization

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
NTGI Russell 3000	3.6%	6.8%	14.8%	25.6%	49.2%
Russell 3000	5.6%	6.7%	14.5%	25.0%	48.3%
Weight Over/Under	-2.0%	0.1%	0.3%	0.6%	1.0%

NTGI Russell 1000 Value

As of September 30, 2023

Characteristics

Market Value: \$55.3 Million and 2.5% of Fund

Style Drift - 3 Years



NTGI Russell 1000 Value

Russell 1000 Value

> . п

Russell

Characteristics

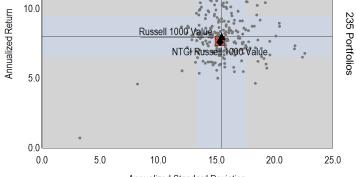
	Portfolio	Russell 1000 Value
Number of Holdings	848	845
Weighted Avg. Market Cap. (\$B)	139.6	139.9
Median Market Cap. (\$B)	12.2	12.2
Price To Earnings	15.6	15.7
Price To Book	2.4	2.4
Price To Sales	1.6	1.7
Return on Equity (%)	16.0	15.8
Yield (%)	2.5	2.5
Beta	1.0	1.0
R-Squared	1.0	1.0

Characteristics

	Portfolio	1000 Value
INDUSTRY SECTOR DISTRIBUTION (% E	quity)	
Energy	9.1	8.1
Materials	4.8	4.9
Industrials	13.1	13.4
Consumer Discretionary	4.9	4.8
Consumer Staples	8.3	8.4
Health Care	15.2	15.6
Financials	20.5	20.9
Information Technology	9.0	9.2
Communication Services	5.0	5.1
Utilities	4.6	4.9
Real Estate	4.6	4.7
Unclassified	0.7	0.0



15.0₁



Annualized Standard Deviation

	Largest Holdings	
	End Weight	Return
BERKSHIRE HATHAWAY INC	3.4	2.7
EXXON MOBIL CORP	2.5	10.6
JPMORGAN CHASE & CO	2.2	0.4
JOHNSON & JOHNSON	2.0	-5.2
CHEVRON CORP	1.6	8.2

Top Contributors

	End Weight	Return	Contribution
EXXON MOBIL CORP	2.5	10.6	0.3
CHEVRON CORP	1.6	8.2	0.1
CONOCOPHILLIPS	0.8	16.7	0.1
MARATHON PETROLEUM CORP	0.3	30.5	0.1
BERKSHIRE HATHAWAY INC	3.4	2.7	0.1

Bottom Contributors			
	End Weight	Return	Contribution
RTX CORP	0.6	-26.0	-0.1
NEXTERA ENERGY INC	0.6	-22.3	-0.1
MERCK & CO INC	1.1	-10.2	-0.1
JOHNSON & JOHNSON	2.0	-5.2	-0.1
ABBOTT LABORATORIES	0.8	-10.7	-0.1

Market Capitalization

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
NTGI Russell 1000 Value	0.7%	9.2%	23.4%	35.3%	31.5%
Russell 1000 Value	2.4%	9.1%	23.0%	34.5%	31.0%
Weight Over/Under	-1.7%	0.1%	0.3%	0.8%	0.5%



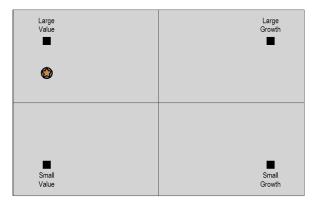
Vanguard Mid Cap Value

As of September 30, 2023

Characteristics

Market Value: \$39.3 Million and 1.8% of Fund

Style Drift - 2 Years



Vanguard Mid Cap Value
 CRSP US Mid Cap Value TR
 USD

Characteristics

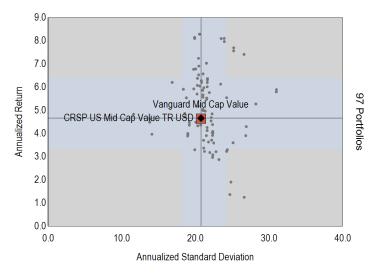
	Portfolio	Russell MidCap Value
Number of Holdings	195	699
Weighted Avg. Market Cap. (\$B)	23.9	20.7
Median Market Cap. (\$B)	17.3	9.5
Price To Earnings	15.6	15.7
Price To Book	2.2	2.3
Price To Sales	1.2	1.4
Return on Equity (%)	15.6	13.3
Yield (%)	2.7	2.3
Beta	1.0	1.0
R-Squared	1.0	1.0

Characteristics

Russell

	Portfolio	MidCap Value
INDUSTRY SECTOR DISTRIBUTION (% E	Equity)	
Energy	3.4	5.5
Materials	8.5	7.9
Industrials	14.8	19.0
Consumer Discretionary	7.2	9.2
Consumer Staples	6.6	3.9
Health Care	9.0	7.2
Financials	19.5	17.0
Information Technology	5.7	9.7
Communication Services	2.9	3.3
Utilities	12.0	7.4
Real Estate	9.6	10.2
Unclassified	0.5	0.0

Risk / Return - Since Inception



Largest Holdings

	End Weight	Return
ARTHUR J. GALLAGHER & CO.	1.5	4.1
CARRIER GLOBAL CORP	1.4	11.0
PACCAR INC	1.4	2.0
PG&E CORP	1.2	-6.7
NUCOR CORP	1.2	-4.3

Top Contributors

	End Weight	Return	Contribution
RIVIAN AUTOMOTIVE INC	0.5	45.7	0.2
GLOBAL PAYMENTS INC	0.9	17.4	0.2
CARRIER GLOBAL CORP	1.4	11.0	0.2
BAKER HUGHES A GE CO	1.1	12.4	0.1
CF INDUSTRIES HOLDINGS INC	0.5	24.1	0.1

Bottom Contributors

	End Weight	Return	Contribution
DOLLAR TREE INC	0.7	-25.8	-0.2
DISCOVER FINANCIAL SERVICES	0.7	-25.3	-0.2
ZIMMER BIOMET HOLDINGS INC	0.7	-22.8	-0.2
DELTA AIR LINES INC	0.7	-22.0	-0.2
KEYSIGHT TECHNOLOGIES INC	0.7	-21.0	-0.2

Market Capitalization

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
Vanguard Mid Cap Value	0.0%	4.0%	88.2%	7.8%	0.0%
Russell MidCap Value	5.5%	25.1%	58.6%	10.8%	0.0%
Weight Over/Under	-5.5%	-21.2%	29.7%	-3.0%	0.0%

Vanguard Mid Cap Value

Attribution

As of September 30, 2023

Market Value: \$39.3 Million and 1.8% of Fund

Sector Attribution vs Russell MidCap Value

GICS Sector	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Energy	2.9%	4.7%	-1.8%	9.9%	12.7%	-2.8%	-0.3%	-0.1%	-0.4%	0.8%	0.4%
Materials	8.0%	7.9%	0.2%	-0.4%	-4.4%	4.0%	0.0%	0.3%	0.3%	0.0%	0.3%
Industrials	14.6%	18.9%	-4.3%	-5.4%	-4.6%	-0.8%	0.0%	-0.1%	-0.1%	0.0%	-0.1%
Consumer Discretionary	8.2%	9.4%	-1.3%	-8.4%	-7.8%	-0.7%	0.0%	-0.1%	0.0%	-0.3%	-0.3%
Consumer Staples	6.8%	4.1%	2.8%	-11.1%	-9.1%	-2.1%	-0.1%	-0.1%	-0.3%	-0.2%	-0.5%
Health Care	9.4%	7.6%	1.7%	-9.2%	-9.9%	0.7%	-0.1%	0.1%	0.0%	-0.4%	-0.4%
Financials	18.8%	16.1%	2.7%	0.5%	1.0%	-0.5%	0.1%	-0.1%	0.1%	0.9%	0.9%
Information Technology	5.7%	9.8%	-4.1%	-3.5%	-4.7%	1.2%	0.0%	0.1%	0.1%	0.0%	0.1%
Communication Services	2.9%	3.5%	-0.6%	-12.5%	-9.8%	-2.8%	0.0%	-0.1%	-0.1%	-0.2%	-0.2%
Utilities	12.3%	7.6%	4.7%	-8.9%	-7.2%	-1.7%	-0.1%	-0.2%	-0.3%	-0.2%	-0.6%
Real Estate	10.3%	10.4%	0.0%	-6.8%	-7.7%	0.9%	0.0%	0.1%	0.1%	-0.3%	-0.2%
Total				-5.1%	-4.5%	-0.7%	-0.4%	-0.2%	-0.7%	0.0%	-0.7%

Vanguard Mid Cap Value Performance Attribution vs. Russell MidCap Value

	Total	Selection	Allocation	Interaction
	Effects	Effect	Effect	Effects
Energy	-0.3%	-0.1%	-0.2%	0.1%
Materials	0.3%	0.3%	0.0%	0.0%
Industrials	0.1%	-0.2%	0.2%	0.0%
Consumer Discretionary	0.0%	-0.1%	0.1%	0.0%
Consumer Staples	-0.4%	-0.1%	-0.2%	-0.1%
Health Care	-0.1%	0.1%	-0.2%	0.0%
Financials	-0.1%	-0.1%	0.0%	0.0%
Information Technology	0.3%	0.1%	0.2%	0.0%
Communication Services	0.0%	-0.1%	0.1%	0.0%
Utilities	-0.5%	-0.1%	-0.3%	-0.1%
Real Estate	0.1%	0.1%	0.0%	0.0%
Cash	0.0%	0.0%	0.0%	0.0%
Portfolio	-0.6% =	-0.2% +	-0.4% +	-0.1%

Market Cap Attribution vs. Russell MidCap Value

	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 32.79	20.6%	19.5%	1.1%	-2.2%	-2.3%	0.0%	0.0%	0.0%	0.0%	0.4%	0.5%
2) 22.69 - 32.79	32.7%	20.5%	12.2%	-7.3%	-7.4%	0.1%	-0.4%	0.0%	-0.3%	-0.6%	-0.9%
3) 14.69 - 22.69	28.4%	20.1%	8.2%	-7.7%	-7.1%	-0.5%	-0.2%	-0.2%	-0.4%	-0.5%	-0.9%
4) 8.30 - 14.69	16.8%	19.9%	-3.1%	-0.9%	-2.4%	1.5%	-0.1%	0.3%	0.2%	0.4%	0.6%
5) 0.00 - 8.30	1.5%	19.9%	-18.4%	4.2%	-2.8%	7.1%	-0.3%	0.1%	-0.2%	0.3%	0.1%
Total				-5.1%	-4.5%	-0.7%	-0.9%	0.3%	-0.7%	0.0%	-0.7%

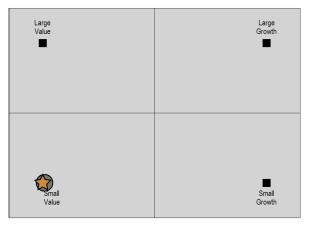
NTGI Russell 2000 Value

As of September 30, 2023

Characteristics

Market Value: \$54.8 Million and 2.5% of Fund

Style Drift - 3 Years



NTGI Russell 2000 Value

Russell 2000 Value

Russell

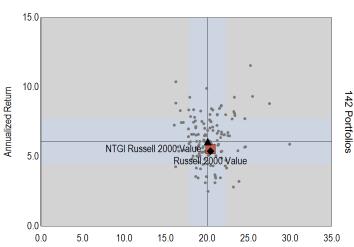
JETBLUE AIRWAYS CORP

Characteristics

	Portfolio	Russell 2000 Value
Number of Holdings	1,455	1,448
Weighted Avg. Market Cap. (\$B)	2.4	2.4
Median Market Cap. (\$B)	0.8	0.8
Price To Earnings	10.2	10.2
Price To Book	1.6	1.6
Price To Sales	0.9	0.9
Return on Equity (%)	6.5	6.4
Yield (%)	2.7	2.7
Beta	1.0	1.0
R-Squared	1.0	1.0

Characteristics

	Portfolio	2000 Value
INDUSTRY SECTOR DISTRIBUTION (% E	quity)	
Energy	10.7	11.0
Materials	4.9	4.8
Industrials	14.3	14.3
Consumer Discretionary	10.1	10.2
Consumer Staples	2.6	2.7
Health Care	8.2	8.5
Financials	24.5	25.5
Information Technology	5.6	5.8
Communication Services	2.6	2.6
Utilities	4.0	4.1
Real Estate	10.1	10.4
Unclassified	2.4	0.0



Annualized Standard Deviation

Largest Holdings

	End Weight	Return
OASIS PETROLEUM INC	0.6	6.3
MURPHY OIL CORP	0.6	19.1
PBF ENERGY INC	0.5	31.3
COMMERCIAL METALS CO	0.5	-6.2
CIVITAS RESOURCES INC	0.5	19.0

Top Contributors

	End Weight	Return	Contribution
TELEPHONE AND DATA SYSTEMS	0.2	124.8	0.2
CONSOL ENERGY INC	0.3	54.7	0.2
PBF ENERGY INC	0.5	31.3	0.2
ALPHA METALLURGICAL RESOURCE INC	0.3	58.3	0.2

Bottom Contributors End Weight Return 0.1 -48.1 INDEPENDENCE REALTY TRUST <u>^</u> 21 0

INDEPENDENCE REALTY TRUST INC	0.3	-21.9	-0.1
BROOKFIELD INFRASTRUCTURE CORP	0.3	-21.7	-0.1
SUMMIT MATERIALS INC	0.3	-17.7	-0.1
ALIGHT INC CL A	0.2	-23.3	-0.1

Market Capitalization

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
NTGI Russell 2000 Value	76.9%	23.1%	0.0%	0.0%	0.0%
Russell 2000 Value	79.4%	20.6%	0.0%	0.0%	0.0%
Weight Over/Under	-2.5%	2.5%	0.0%	0.0%	0.0%

Contribution

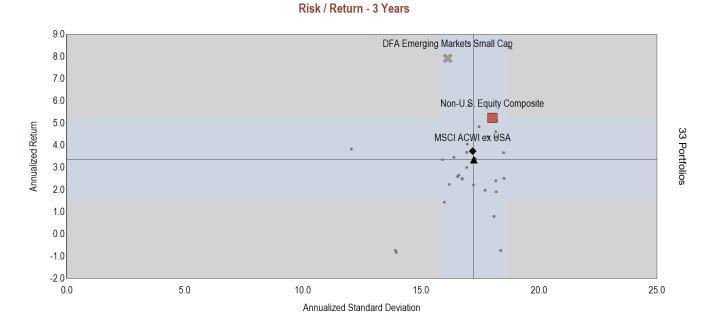
-0.1

Non-U.S. Equity Composite

Characteristics

Market Value: \$393.9 Million and 18.0% of Fund

As of September 30, 2023



Characteristics

	Portfolio	MSCI ACWI ex USA
Number of Holdings	6,958	2,320
Weighted Avg. Market Cap. (\$B)	76.5	85.0
Median Market Cap. (\$B)	0.9	9.1
Price To Earnings	13.6	13.5
Price To Book	2.3	2.4
Price To Sales	1.1	1.1
Return on Equity (%)	14.3	15.1
Yield (%)	3.4	3.4
Beta	1.0	1.0
R-Squared	1.0	1.0

Region	% of Total	% of Bench
North America ex U.S.	6.6%	7.6%
United States	2.2%	0.0%
Europe Ex U.K.	30.1%	32.0%
United Kingdom	6.8%	9.8%
Pacific Basin Ex Japan	8.1%	7.3%
Japan	13.0%	14.7%
Emerging Markets	32.0%	28.0%
Other	1.2%	0.7%
Total	100.0%	100.0%

Characteristics

	Portfolio	MSCI ACWI ex USA
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	5.5	6.0
Materials	8.5	7.9
Industrials	13.2	13.1
Consumer Discretionary	11.8	11.9
Consumer Staples	8.0	8.4
Health Care	9.4	9.6
Financials	19.9	21.2
Information Technology	11.6	11.3
Communication Services	5.2	5.4
Utilities	3.2	3.1
Real Estate	2.4	2.0
Unclassified	1.2	0.0

Market Capitalization

	Small Cap	Mid Cap	Large Cap
Non-U.S. Equity Composite	22.7%	25.5%	51.8%
MSCI ACWI ex USA	16.1%	27.3%	56.6%
Weight Over/Under	6.6%	-1.8%	-4.8%

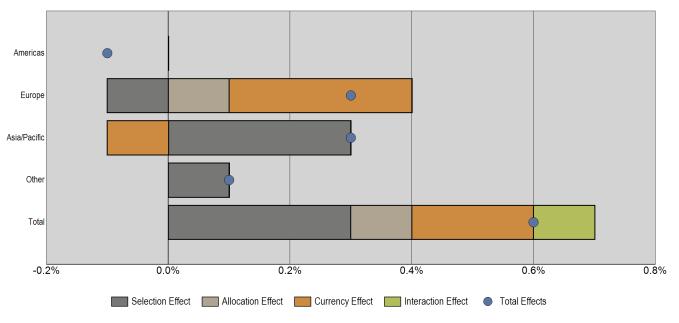
Non-U.S. Equity Composite

Attribution

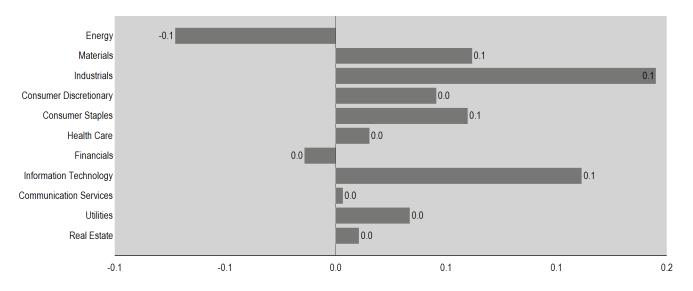
Market Value: \$393.9 Million and 18.0% of Fund

As of September 30, 2023

Non-U.S. Equity Composite Performance Attribution vs. MSCI ACWI ex USA



Active Contribution vs. MSCI ACWI ex USA



Non-U.S. Equity Composite

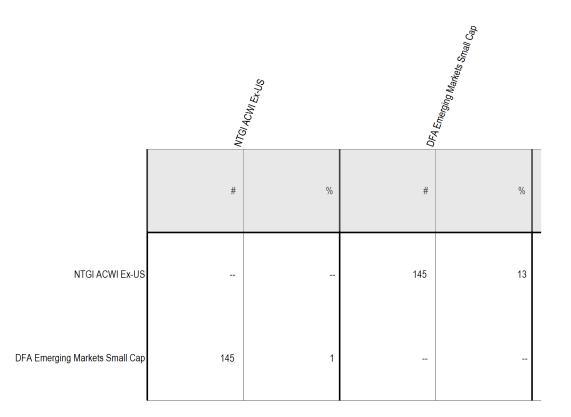
Market Cap Attribution vs. MSCI ACWI ex USA

	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 132.69	17.0%	19.8%	-2.8%	-4.3%	-4.5%	0.1%	0.0%	0.1%	0.1%	-0.1%	0.0%
2) 60.25 - 132.69	17.4%	20.0%	-2.7%	-4.4%	-4.0%	-0.4%	0.0%	0.0%	0.0%	-0.1%	0.0%
3) 29.11 - 60.25	18.0%	20.0%	-2.1%	-5.1%	-5.3%	0.2%	0.0%	0.1%	0.1%	-0.3%	-0.2%
4) 11.73 - 29.11	18.3%	20.1%	-1.8%	-2.6%	-2.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%
5) 0.00 - 11.73	29.4%	20.1%	9.4%	-1.0%	-2.3%	1.3%	0.1%	0.2%	0.3%	0.3%	0.6%
Total				-3.2%	-3.7%	0.5%	0.1%	0.4%	0.5%	0.0%	0.5%

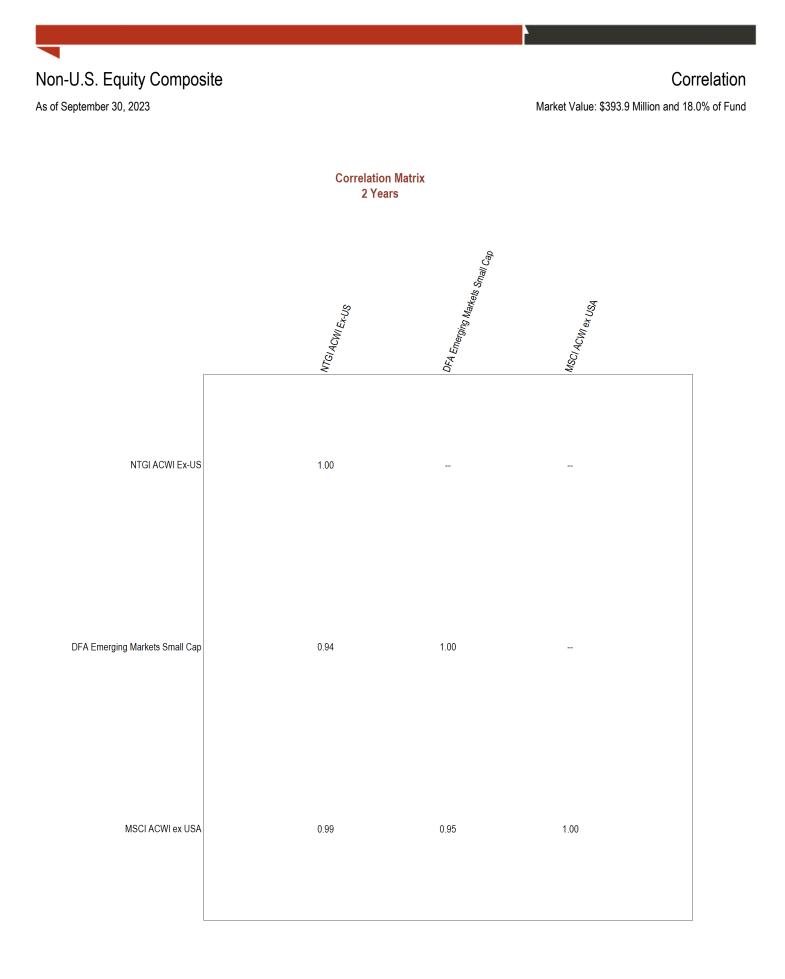
Non-U.S. Equity Composite Style
As of September 30, 2023 Market Value: \$393.9 Million and 18.0% of Fund
Equity Style Map



Common Holdings Matrix



Marquette Associates

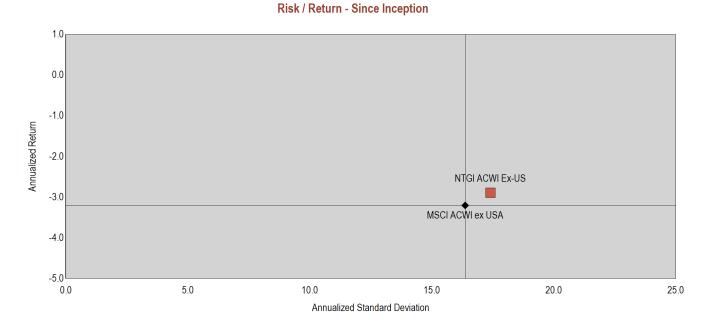




As of September 30, 2023

Characteristics

Market Value: \$349.0 Million and 16.0% of Fund



Characteristics

	Portfolio	MSCI ACWI ex USA
Number of Holdings	2,457	2,320
Weighted Avg. Market Cap. (\$B)	85.6	85.0
Median Market Cap. (\$B)	8.8	9.1
Price To Earnings	13.7	13.5
Price To Book	2.4	2.4
Price To Sales	1.1	1.1
Return on Equity (%)	15.1	15.1
Yield (%)	3.4	3.4
Beta		1.0
R-Squared		1.0

North America ex U.S.	7.4%	
North America ex U.S.	1.170	7.6%
United States	2.1%	0.0%
Europe Ex U.K.	33.8%	32.0%
United Kingdom	7.6%	9.8%
Pacific Basin Ex Japan	8.4%	7.3%
Japan	14.6%	14.7%
Emerging Markets	25.0%	28.0%
Other	1.0%	0.7%
Total	100.0%	100.0%

Characteristics

	Portfolio	MSCI ACWI ex USA
INDUSTRY SECTOR DISTRIBUTION (% Ed	quity)	
Energy	6.0	6.0
Materials	7.7	7.9
Industrials	12.8	13.1
Consumer Discretionary	11.7	11.9
Consumer Staples	8.2	8.4
Health Care	9.6	9.6
Financials	21.1	21.2
Information Technology	11.2	11.3
Communication Services	5.4	5.4
Utilities	3.1	3.1
Real Estate	2.0	2.0
Unclassified	1.2	0.0

Market Capitalization

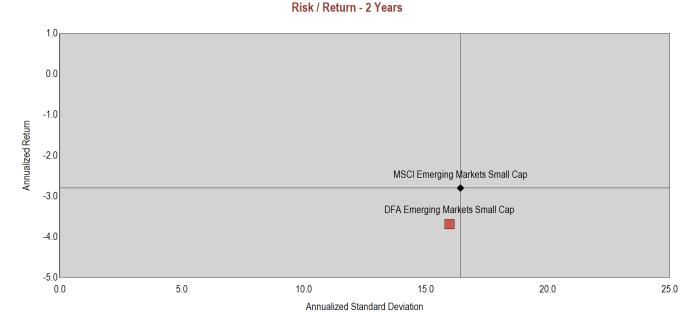
	Small Cap	Mid Cap	Large Cap
NTGI ACWI Ex-US	13.5%	28.5%	58.0%
MSCI ACWI ex USA	16.1%	27.3%	56.6%
Weight Over/Under	-2.6%	1.1%	1.5%

DFA Emerging Markets Small Cap

Characteristics

Market Value: \$43.5 Million and 2.0% of Fund

As of September 30, 2023



Characteristics

	Portfolio	MSCI Emerging Markets Small Cap
Number of Holdings	4,638	1,974
Weighted Avg. Market Cap. (\$B)	1.8	1.8
Median Market Cap. (\$B)	0.4	0.9
Price To Earnings	12.7	14.0
Price To Book	2.2	2.6
Price To Sales	0.8	1.1
Return on Equity (%)	11.3	12.2
Yield (%)	3.1	2.8
Beta	0.9	1.0
R-Squared	0.9	1.0

Characteristics

	Portfolio	MSCI Emerging Markets Small Cap
INDUSTRY SECTOR DISTRIBUTION (% E	quity)	
Energy	1.8	2.1
Materials	14.8	13.2
Industrials	16.7	17.1
Consumer Discretionary	12.7	11.3
Consumer Staples	6.5	6.3
Health Care	8.1	9.2
Financials	9.9	10.2
Information Technology	15.2	17.8
Communication Services	3.3	3.7
Utilities	3.8	3.1
Real Estate	5.3	6.1
Unclassified	1.9	0.0

Region	% of Total	% of Bench
EM Asia	66.9%	77.9%
EM Latin America	9.1%	8.1%
EM Europe & Middle East	3.2%	3.7%
EM Africa	2.6%	3.5%
Other	18.2%	6.9%
Total	100.0%	100.0%

Market Capit	alization		
	Small Cap	Mid Cap	Large Cap
DFA Emerging Markets Small Cap	91.8%	8.2%	0.0%
MSCI Emerging Markets Small Cap	97.0%	3.0%	0.0%
Weight Over/Under	-5.2%	5.2%	0.0%

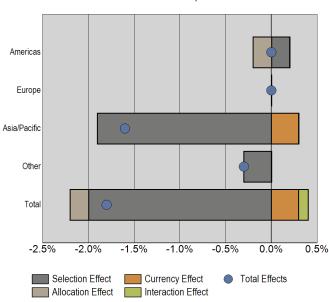
DFA Emerging Markets Small Cap

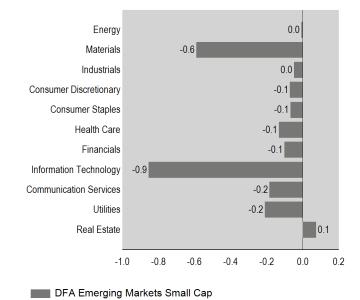
As of September 30, 2023

Attribution

Market Value: \$43.5 Million and 2.0% of Fund

Active Contribution





Performance By Characteristic

	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 2.60	21.7%	19.9%	1.8%	0.5%	6.5%	-5.9%	0.1%	-1.3%	-1.3%	0.7%	-0.5%
2) 1.63 - 2.60	13.6%	20.0%	-6.4%	4.5%	5.6%	-1.1%	-0.2%	0.0%	-0.2%	0.5%	0.4%
3) 1.04 - 1.63	14.9%	20.2%	-5.3%	0.3%	0.8%	-0.5%	0.1%	0.0%	0.1%	-0.4%	-0.3%
4) 0.63 - 1.04	16.6%	20.1%	-3.5%	2.9%	2.7%	0.2%	0.0%	0.1%	0.1%	0.0%	0.1%
5) 0.00 - 0.63	33.3%	19.9%	13.5%	-0.7%	-1.2%	0.5%	-0.6%	-0.1%	-0.7%	-0.8%	-1.5%
Total				1.0%	2.9%	-1.9%	-0.6%	-1.3%	-1.9%	0.0%	-1.9%

DFA Emerging Markets Small Cap Performance Attribution vs. MSCI Emerging Markets Small Cap

NB US Index PutWrite

As of September 30, 2023

Characteristics

Market Value: \$58.3 Million and 2.7% of Fund

Manager:	Neuberger Berman Group AUM: \$156,257.00 MM 9/30/2023
Product:	NB US Index PutWrite Strategy AUM: \$23,465.71 MM 9/30/2023
Strategy:	Hedge Funds - Volatility Risk Premium

Date as of:	Sep 30th, 2023
Benchmark 1:	CBOE Put Write Inc
Benchmark 2:	S&P 500

dex

Investment Strategy:

Neuberger Berman bought the index option strategy, run by Doug Kramer and Derek Devins, from Horizon Kinetics on Jan 1, 2016. The team, track record and clients all moved over to Neuberger. The team uses a systematic approach to selling options to capture the structural mispricing in the options market. The strategy only sells put options since the premium collection from put writing is generally greater than calls. The strategy uses a constant moneyness approach (i.e. fixed strike prices). Neuberger has both U.S. and Global put writing strategies.

Monthly Returns: (Net of Fees)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2023	3.06%	-1.18%	3.11%	1.82%	1.27%	2.22%	1.75%	-0.46%	-2.27%				9.57%
2022	0.00%	-1.42%	2.37%	-5.32%	0.53%	-4.75%	4.73%	-2.91%	-5.89%	4.57%	3.44%	-1.53%	-6.75%
2021	-0.46%	2.33%	3.89%	1.98%	1.56%	1.65%	1.31%	1.79%	-2.21%	3.24%	-0.46%	2.98%	18.90%
2020	0.25%	-6.89%	-8.07%	6.91%	3.79%	1.63%	3.77%	2.65%	-1.14%	-1.32%	6.70%	2.30%	9.76%
2019	3.59%	1.59%	1.53%	1.72%	-3.14%	3.67%	0.83%	-0.58%	1.52%	1.77%	1.37%	1.42%	16.21%
2018	0.78%	-3.44%	-1.35%	0.65%	1.82%	0.34%	1.91%	1.51%	0.73%	-4.50%	1.57%	-5.66%	-5.87%



Risk	and	Returns

3 YR	Neuberger	Benchmark 1	Benchmark 2	SINCE INCEPT.	Neuberger	Benchmark 1	Benchmark 2
Annualized Return	9.37%	9.91%	10.15%	Annualized Return	8.03%	6.89%	12.26%
Standard Deviation	9.92%	10.65%	17.85%	Standard Deviation	8.03%	9.83%	14.64%
Sharpe Ratio	0.71	0.79	0.38	Sharpe Ratio	0.89	0.61	0.78
Skew	-0.53	-0.03	-0.23	Skew	-0.96	-1.21	-0.38
Kurtosis	0.12	0.22	-0.63	Kurtosis	2.47	4.79	0.73
Up Capture		86.99%	55.93%	Up Capture		87.48%	51.02%
Down Capture		85.40%	54.90%	Down Capture		72.80%	52.86%

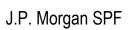
Benchmark Based Return Statistics

3 YR	Benchmark1	Benchmark2	SINCE INCEPT.	Benchmark1	Benchmark2
Alpha	0.80%	3.96%	Alpha	2.87%	1.68%
Beta	0.86	0.53	Beta	0.75	0.52
R2	86.22%	92.27%	R2	84.24%	89.19%

Crisis Performance

		Financial Crisis May '07 - Feb '09	Euro Crisis April '11 - Sept '11	Taper Tantrum April '13 - Aug '13	Oil/Shale Crash May '15 - Jan '16	COVID-19 Dec '19 - Mar '20
Neuberger			-9.7%	1.2%	-1.6%	-14.2%
CBOE Put Write Index			-17.6%	-0.6%	-1.9%	-20.7%
S&P 500			-22.0%	3.0%	-6.7%	-19.6%
<mark>Investment Terms</mark> Management Fee	0.45%		Inception Date	7/31/2011		

Performance Fee		Redemption Terms	
Administrator	Institutional Fund Services	Auditors	Ernst & Young



Characteristics

Fund GAV (\$MM)	\$42,352.7
Fund NAV (\$MM)	\$31,097.2
Cash (% of NAV)	2.8%
# of Investments	158
% in Top 10 by NAV	28.6%
Leverage %	27.5%
Occupancy	92.3%
# of MSAs	54
1-Year Dividend Yield	3.0%
As of Date	30-Jun-23

	% of Portfolio	Top Five Metro Areas
Pre-Development		Los Angeles-Long Beach-Sar
Development	9.5%	Riverside-San Bernardino-Or
Initial Leasing	1.6%	San Jose-Sunnyvale-Santa C
Operating	88.8%	New York-Newark-Jersey Cit
Re-Development	0.1%	Dallas-Fort Worth-Arlington,
Other		
<u>Queue In:</u>		<u>Queue Out:</u>
Contribution Queue (\$MM)	\$713.80	Redemption Queue (\$MM)

Strategy Breakdown

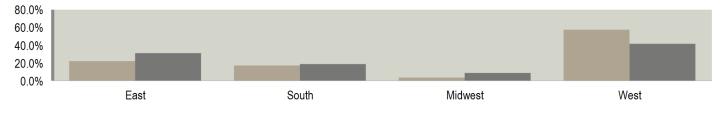
Contribution Queue (\$MM) \$713.80 Anticipated Drawdown (Months) 1

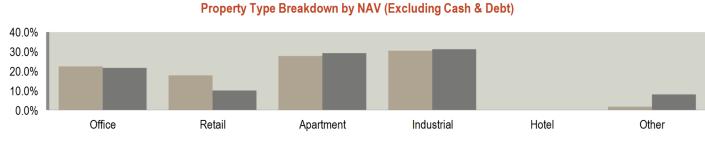
% of NAV 15.3% anta nta 12.0% Cla 9.7% ity, 8.4% ТΧ 7.8%

\$5,599.30 Redemption Queue (\$MM) Anticipated Payout (Months)

Top Ten Holdings Investment Detail						
#	Property	Туре	Location	% of Fund NAV		
1	Black Creek Build to Core	Industrial	Various	4.5%		
2	Edens - SPF	Retail	Various	3.9%		
3	Valley Fair Mall	Retail	San Jose, CA	3.8%		
4	Century Plaza Towers	Office	Los Angeles, CA	2.7%		
5	Royal Hawaiian Center	Retail	Honolulu, HI	2.6%		
6	Greater Los Angeles Industrials	Industrial	Various, CA	2.5%		
7	Vineyard Industrial I	Industrial	Ontario, CA	2.3%		
8	University Towne Center	Retail	San Diego, CA	2.2%		
9	Toyota Campus	Industrial	Torrance, CA	2.2%		
10	Alliance Texas - Industrial	Industrial	Fort Worth, TX	2.1%		
Total				28.6%		

Regional Breakdown by NAV (Excluding Cash & Debt)





Property Size Breakdown by NAV (Excluding Cash & Debt)

100.0%						
50.0%						
0.0%						
0.0%	\$0-10 million	\$10-20 million	\$20-50 million	\$50-100 million	Over \$100 million	
JPMorgan Strategic Property Fund NCREIF-ODCE						

Characteristics

Market Value: \$59.3 Million and 2.6% of Fund



Characteristics

\$42,819.3
\$33,534.8
0.1%
542
14.2%
22.4%
93.7%
53
4.0%
30-Jun-23

Strategy Break % of Portfolio **Pre-Development** 0.5% 1.8% Development 4.6% Initial Leasing 91.7% Operating **Re-Development** 1.4%

\$9.86

Queue In: Contribution Queue (\$MM)

Other

Anticipated Drawdown (Months)

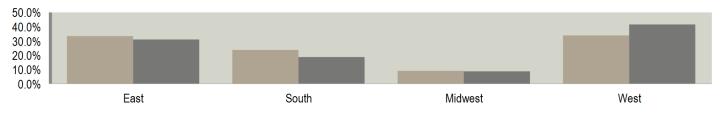
Characteristics

Market Value: \$41.5 Million and 1.8% of Fund

kdown	
Top Five Metro Areas	% of NAV
Los Angeles, CA	13.1%
Boston, MA	8.1%
Miami, FL	7.9%
Chicago, IL	7.9%
New York, NY	7.6%
<u>Queue Out:</u>	
Redemption Queue (\$MM)	\$4,073.37
Anticipated Payout (Months)	0

	Top Ten Holdings Investment Detail						
#	Property	Туре	Location	% of Fund NAV			
1	One Post Office Square	Office	Boston, MA	2.3%			
2	Hills Plaza	Office	San Francisco, CA	1.8%			
3	Fashion Valley Mall	Retail	San Diego, CA	1.7%			
4	155 North Wacker	Office	Chicago, IL	1.4%			
5	One Maritime Plaza	Office	San Francisco, CA	1.3%			
6	Two Park Avenue	Office	New York, NY	1.2%			
7	151 N. Franklin	Office	Chicago, IL	1.2%			
8	AMLI Midtown Miami	Apartment	Miami, FL	1.1%			
9	200 Cambridgepark Drive	Other	Cambridge, MA	1.1%			
10	Waterview Tower	Office	Washington, DC	1.1%			
Total				14.2%			

Regional Breakdown by NAV (Excluding Cash & Debt)



Property Type Breakdown by NAV (Excluding Cash & Debt)



Property Size Breakdown by NAV (Excluding Cash & Debt)

80.0% 60.0% 40.0% 20.0% 0.0%			_	_	
0.070	\$0-10 million	\$10-20 million	\$20-50 million	\$50-100 million	Over \$100 million
	Morgan Stanley PRIME Property Fund NCREIF-ODCE				



Total

As of June 30, 2023

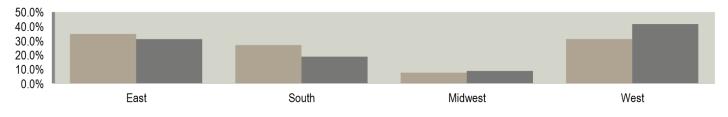
Characteristics

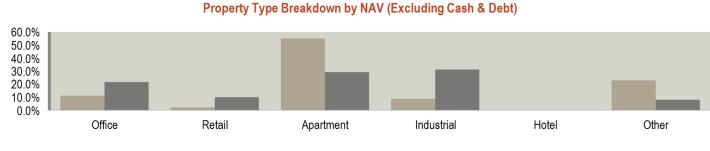
37.1%

Market Value: \$40.5 Million and 1.8% of Fund

	Characterist	ics	Strategy Breakdown				
				% of Portfolio	Top Five Metro	Areas	% of NAV
Fund	GAV (\$MM)	\$6,133.2	Pre-Development	4.2%	Seattle-Tacoma-	Bellevue, WA	13.2%
Fund I	NAV (\$MM)	\$2,860.3	Development	33.4%	Charlotte-Gastor	nia-Rock Hill, N	12.7%
Cash	(% of NAV)	0.7%	Initial Leasing	12.6%	New York-North	ern New Jersey	7.7%
# of In	vestments	92	Operating	33.6%	Chicago-Naperv	Ile-Joliet, IL-IN	6.9%
% in T	op 10 by NAV	37.1%	Re-Development	3.2%	Denver-Aurora,	CO	5.8%
Levera	age %	37.9%	Other	13.0%			
Occup	ancy	85.5%					
# of M	SAs	38	<u>Queue In:</u>		<u>Queue Out:</u>		
1-Yea	r Dividend Yield	1.6%	Contribution Queue (\$MM)	\$304.40			\$84.40
As of I	Date	30-Jun-23	Anticipated Drawdown (Months)		Anticipated Paye	out (Months)	
			Top Ten Holdings Inves	tment Detail			
#	Property			Туре	Location	% of Fund	NAV
1	Setanta			Other	Charlotte, NC	7.4	4%
2	Esterra Commons	Apartments		Apartment	Redmond, WA	4.9	9%
3	Arkadia Tower			Apartment	Chicago, IL	4.8	8%
4	295 Fifth Avenue (Textile Building)		Office	New York, NY	4.5	5%
5	One Esterra Park			Office	Redmond, WA	4.3	3%
6	Park 7 Student Hou	using Portfolio		Other	Waco, TX	3.1	1%
7	Broadstone Kendrid	ck		Apartment	Denver, CO	2.2	1%
8	Alta Potrero Hill			Apartment	San Francisco, CA	2.2	1%
9	The Hadley			Apartment	Atlanta, GA	2.0	0%
10	Montrose & Claren	don		Apartment	Chicago, IL	1.9	9%

Regional Breakdown by NAV (Excluding Cash & Debt)





Property Size Breakdown by NAV (Excluding Cash & Debt)



Principal Enhanced

As of June 30, 2023

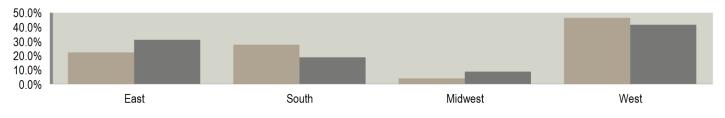
Characteristics

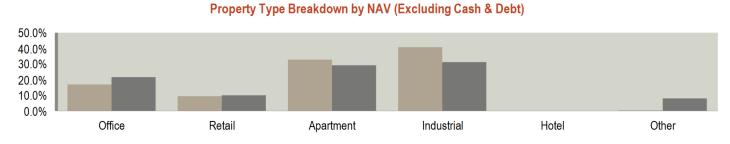
Market Value: \$45.9 Million and 2.0% of Fund

Characterist	ics		Strategy Brea	akdown	
			% of Portfolio	Top Five Metro Areas	% of NAV
Fund GAV (\$MM)	\$5,167.0	Pre-Development	0.0%	Oakland	12.8%
Fund NAV (\$MM)	\$3,048.0	Development	5.2%	Seattle	12.4%
Cash (% of NAV)	1.9%	Initial Leasing	4.8%	Houston	10.8%
# of Investments	63	Operating	89.8%	Phoenix	9.3%
% in Top 10 by NAV	16.6%	Re-Development	0.0%	Raleigh	6.9%
Leverage %	36.5%	Other	0.2%		
Occupancy	93.0%				
# of MSAs	26	Queue In:		Queue Out:	
1-Year Dividend Yield	4.0%	Contribution Queue (\$MM)	\$521.00	Redemption Queue (\$MM)	\$269.00
As of Date	30-Jun-23	Anticipated Drawdown (Months)	9	Anticipated Payout (Months)	(
		Ton Ton Heldinge Invest	Imant Datail		
" D (Top Ten Holdings Invest	iment Detail		

#	Property	Туре	Location	% of Fund NAV
1	Bay Center	Office	Oakland, CA	7.1%
2	Bay Area Business Park (Phase III)	Industrial	Houston, TX	4.9%
3	Mid-South Logistics Center	Industrial	Nashville, TN	3.9%
4	San Leandro Business Center	Industrial	Oakland, CA	3.8%
5	Bay Area Business Park (Phase I)	Industrial	Houston, TX	3.7%
6	Spectator	Apartment	Atlanta, GA	3.3%
7	Oakesdale	Industrial	Seattle, WA	2.6%
8	7140 Optima Kierland	Apartment	Phoenix, AZ	2.5%
9	Solaris Key	Apartment	Tampa, FL	2.4%
10	Bellevue South Retail	Retail	Seattle, WA	2.4%
Total				36.6%

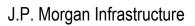
Regional Breakdown by NAV (Excluding Cash & Debt)





Property Size Breakdown by NAV (Excluding Cash & Debt)





Characteristics

Market Value: \$117.6 Million and 5.2% of Fund

Characteristics

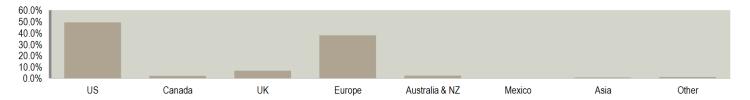
Strategy Breakdown

JPMorgan				
Fund Inception/Vintage Year	2007	# of Investments		21
Total Fund GAV (\$M)	\$68,740.0	# of Investors		1274
Total Fund NAV (\$M)	\$34,320.0	# OECD Countries		28
Cash Balance % of NAV		Trailing 12-month Dividend Yield		6.2%
% in Top 10 by NAV	77.5%	Queue Out: \$752.0	Queue In:	\$814.2

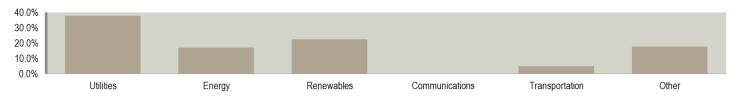
Top 10 Fund investments by NAV

Investment	Sector	Location	Investment (\$M)	Fair Mkt Val (\$M)	% of Portfolio
South Jersey Industries	Gas	United States		\$5,178.9	14.5%
GETEC	Other	Europe		\$4,043.6	11.4%
El Paso Electric	Electric	United States		\$2,798.3	7.9%
Onward Energy	Gas	United States		\$2,746.6	7.7%
Renantis14	Wind	UK/Europe/United States		\$2,608.4	7.3%
Summit Utilities	Gas	United States		\$2,517.5	7.1%
Koole Terminals	Storage	Netherlands		\$2,345.9	6.6%
Ventient Energy	Wind	UK/Europe		\$1,939.0	5.5%
Sonnedix Power Holdings	Solar	Various OECD		\$1,795.3	5.0%
Adven	Other	Finland/Sweden		\$1,622.6	4.6%
Total			\$0	.0 \$27,596.1	77.5%

Country Breakdown of Active Assets



Sector Breakdown of Active Assets



Investment by Revenue Source





...

Characteristics

Market Value: \$103.8 Million and 4.6% of Fund

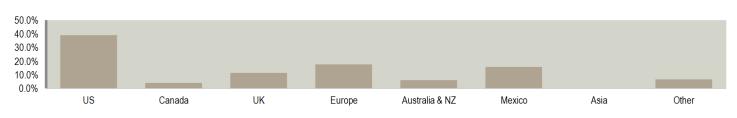
Characteristics

Strategy Breakdown

Industry Funds Management					
Fund Inception/Vintage Year	2004	# of Investments			24
Total Fund GAV (\$M)	\$85,911.0	# of Investors			584
Total Fund NAV (\$M)	\$50,000.0	# OECD Countries			24
Cash Balance % of NAV	2.1%	Trailing 12-month Dividend Yield			5.4%
% in Top 10 by NAV	79.2%	Queue Out:	\$0.0	Queue In:	\$3,100.0

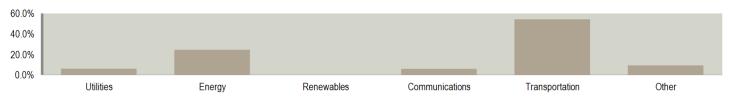
Top 10 Fund investments by NAV

Investment	Sector	Location	Investment (\$M)	Fair Mkt Val (\$M)	% of Portfolio
Aleatica	Toll Roads	Mexico	\$5,679.4	\$8,489.0	15.7%
Buckeye Partners	Midstream Services	United States	\$4,763.6	\$8,195.4	15.2%
Indiana Toll Road	Toll Roads	United States	\$4,216.4	\$7,427.7	13.7%
Manchester Airports Group	Airports	United Kingdom	\$1,648.2	\$3,538.7	6.5%
Sydney Airport	Airports	Australia	\$3,142.4	\$3,239.1	6.0%
Naturgy Energy Group	Diversified	Spain	\$2,509.8	\$3,167.9	5.9%
Freeport Train 2	Midstream Services	United States	\$1,300.7	\$2,553.3	4.7%
Switch, Inc.	Fiber/Wireless Networks	United States	\$2,158.3	\$2,304.0	4.3%
Aqualia	Water	Spain	\$1,206.6	\$2,037.1	3.8%
Vienna Airport	Airports	Austria	\$987.9	\$1,906.0	3.5%
Total			\$27,613.3	\$42,858.1	79.2%



Country Breakdown of Active Assets

Sector Breakdown of Active Assets



Investment by Revenue Source





Ullico

As of March 31, 2023

Characteristics

Market Value: \$50.6 Million and 2.3% of Fund

Characteristics

Strategy Breakdown

ULLICO Investment Advisors			
Fund Inception/Vintage Year	2012	# of Investments	24
Total Fund GAV (\$M)	\$9,145.3	# of Investors	238
Total Fund NAV (\$M)	\$4,465.6	# OECD Countries	2
Cash Balance % of NAV	3.3%	Trailing 12-month Dividend Yield	5.9%
% in Top 10 by NAV	84.3%	Queue Out: Queue In:	

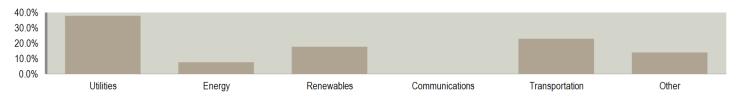
Top 10 Fund investments by NAV

Investment	Sector	Location	Investment (\$M)	Fair Mkt Val (\$M)	% of Portfolio
Hearthstone Holdings	Gas	United States	\$655.4	\$698.7	16.0%
Autopistas Metropolitanas de Puerto Rico, LLC	Toll Roads	United States	\$311.6	\$453.5	10.4%
JFK New Terminal One	Airports	United States	\$443.1	\$443.9	10.2%
AES Southland Energy, LLC	Electric	United States	\$436.3	\$427.9	9.8%
Neptune Regional Transmission System	Electric	United States	\$229.1	\$348.4	8.0%
Southern Star Central Gas Pipeline, Inc.	Midstream Services	United States	\$238.1	\$330.8	7.6%
CenTrio Energy	Other	United States	\$337.7	\$323.7	7.4%
Student Transportation, Inc.	Other	United States	\$226.2	\$254.0	5.8%
AES Clean Energy	Solar	United States	\$175.0	\$248.8	5.7%
Renewable Energy AssetCo I	Solar	United States	\$136.9	\$148.7	3.4%
Total			\$3,189.4	\$3,678.4	84.3%



Country Breakdown of Active Assets

Sector Breakdown of Active Assets



Investment by Revenue Source





Characteristics

	Fort Washington Capital Partners
Total Size of Fund (\$M)	\$135.8
Total Capital Called to Date	\$112.2
% of Committed Capital Called	93.9%
Capital Distributed (\$M)	\$202.8
Capital Distributed (as a % of C	Capital Calle 180.7%

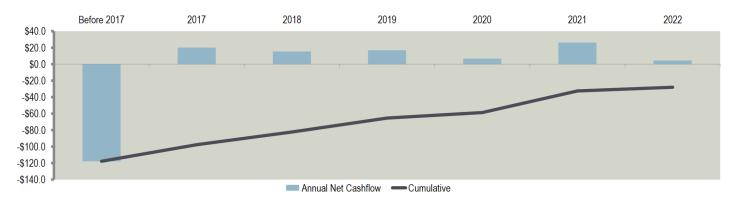
Characteristics

Market Value: \$7.7 Million and 0.4% of Fund

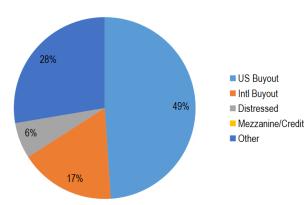
Fund Vintage Year	2006
Total Underlying Commitments	\$123.1
# of Underlying Commitments	30
% of Capital Commited	90.6%
Fund NAV (\$M)	\$27.4
Net Multiple	2.0x
Net IRR	10.3%

Top Ten Funds by Market Value

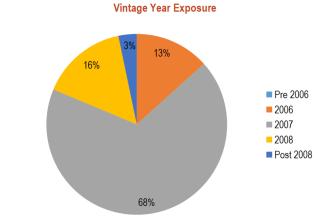
				l otal			
				Commitment	Total Investment	Fair Market Value	Total
Fund	Туре	Vintage Year	% of Portfolio	(\$M)	(\$M)	(\$M)	Distribution (\$M)
Upfront III, LP	Venture Capital	2007	30.1%	\$5.0	\$4.6	\$8.3	\$4.8
Draper Fisher Jurvetson Fund IX, L.P.	Venture Capital	2007	18.6%	\$5.0	\$5.0	\$5.1	\$11.2
Shasta Ventures II, L.P.	Venture Capital	2008	10.6%	\$2.5	\$2.4	\$2.9	\$8.4
Inventus Capital Partners, L.P.	Venture Capital	2007	7.3%	\$2.5	\$2.5	\$2.0	\$7.9
FTVentures III, L.P.	Other	2006	5.6%	\$5.0	\$3.6	\$1.6	\$8.9
Fort Washington Private Equity Opportunities Fund	US Buyout	2008	5.4%	\$6.2	\$5.5	\$1.5	\$9.4
SL SPV-2, L.P.	US Buyout	2007	5.1%	\$0.0	\$0.0	\$1.4	\$0.1
Catterton Partners VI, L.P.	US Buyout	2006	3.7%	\$4.0	\$3.8	\$1.0	\$7.1
SV Life Sciences Fund IV CF, L.P.	Venture Capital	2021	3.7%	\$1.1	\$1.1	\$1.0	\$0.0
Sun Capital Partners V, L.P.	Other	2007	2.6%	\$6.0	\$5.9	\$0.7	\$6.1



	Before 2017	2017	2018	2019	2020	2021	2022
Paid In Capital w/o Fees	\$117.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Fees Paid	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Distribution	\$0.0	\$20.1	\$15.4	\$16.9	\$6.7	\$26.2	\$4.5
Cumulative	-\$117.8	-\$97.7	-\$82.3	-\$65.4	-\$58.7	-\$32.5	-\$28.0



Strategy Exposure





Characteristics

	Fort Washington Capital Partners
Total Size of Fund (\$M)	\$169.1
Total Capital Called to Date	\$144.1
% of Committed Capital Called	85.6%
Capital Distributed (\$M)	\$289.7
Capital Distributed (as a % of C	apital Calle 201.0%

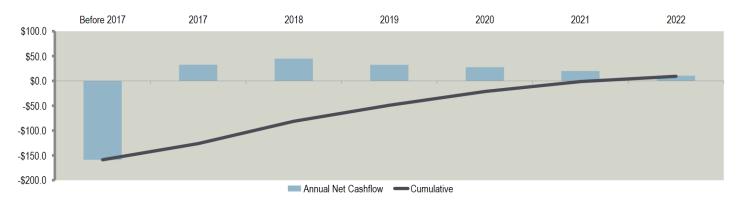
Characteristics

Market Value: \$4.3 Million and 0.2% of Fund

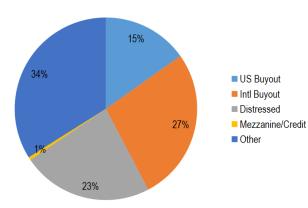
Fund Vintage Year	2007
Total Underlying Commitments	\$184.3
# of Underlying Commitments	41
% of Capital Commited	109.0%
Fund NAV (\$M)	\$33.6
Net Multiple	2.2x
Net IRR	14.3%

Top Ten Funds by Market Value

				lotal			
				Commitment	Total Investment	Fair Market Value	Total
Fund	Туре	Vintage Year	% of Portfolio	(\$M)	(\$M)	(\$M)	Distribution (\$M)
Draper Fisher Jurvetson Fund IX, L.P.	Venture Capital	2015	15.2%	\$5.0	\$5.0	\$5.1	\$11.2
Pangaea Two, L.P.	Other	2010	11.6%	\$5.0	\$5.0	\$3.9	\$3.9
Highland Capital Partners VIII, L.P.	Venture Capital	2010	10.9%	\$5.0	\$5.0	\$3.7	\$2.5
Great Hill Equity Partners IV, L.P.	US Buyout	2008	10.1%	\$5.0	\$5.0	\$3.4	\$12.1
Shasta Ventures II, L.P.	Venture Capital	2008	8.6%	\$2.5	\$2.4	\$2.9	\$8.4
Fort Washington Private Equity Opportunities Fund	Other	2008	6.4%	\$9.1	\$8.0	\$2.2	\$13.8
Flexpoint Fund II, L.P.	US Buyout	2009	5.7%	\$4.7	\$4.1	\$1.9	\$6.9
Hellman & Friedman Capital Partners VII, L.P.	US Buyout	2011	4.4%	\$7.5	\$7.2	\$1.5	\$22.5
SV Life Sciences Fund V, L.P.	Venture Capital	2009	4.3%	\$5.0	\$5.1	\$1.5	\$5.1
Catterton Growth Partners, L.P.	Other	2008	3.9%	\$5.0	\$5.0	\$1.3	\$6.9

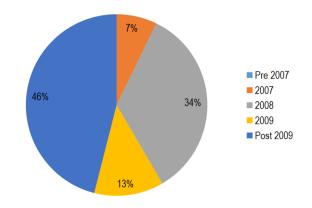


	Before 2017	2017	2018	2019	2020	2021	2022
Paid In Capital w/o Fees	\$158.8	\$5.6	\$1.3	\$1.6	\$0.5	\$0.3	\$0.0
Fees Paid	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Distribution	\$0.0	\$38.2	\$46.2	\$33.9	\$28.2	\$20.3	\$10.6
Cumulative	-\$158.8	-\$126.2	-\$81.3	-\$49.0	-\$21.3	-\$1.3	\$9.3



Strategy Exposure







Characteristics Fort Washin

Fort W	/ashington Capital Partners
Total Size of Fund (\$M)	\$300.0
Total Capital Called to Date	\$197.1
% of Committed Capital Called	73.0%
Capital Distributed (\$M)	\$204.9
Capital Distributed (as a % of Capital C	alle 104.0%

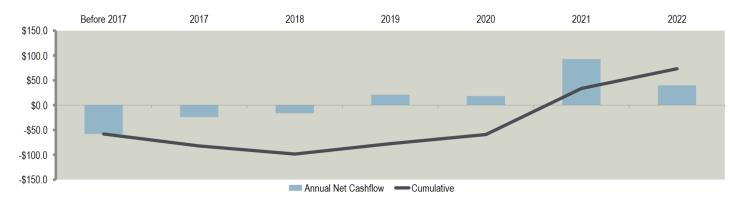
Characteristics

Market Value: \$36.2 Million and 1.7% of Fund

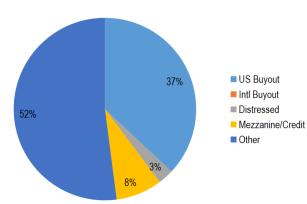
Fund Vintage Year	2013
Total Underlying Commitments	\$304.9
# of Underlying Commitments	41
% of Capital Commited	101.6%
Fund NAV (\$M)	\$214.3
Net Multiple	2.1x
Net IRR	16.2%

Top Ten Funds by Market Value

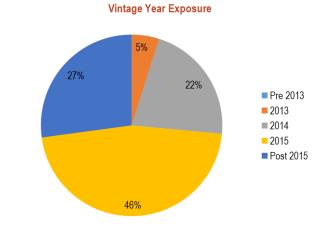
				lotal			
				Commitment	Total Investment	Fair Market Value	Total
Fund	Туре	Vintage Year	% of Portfolio	(\$M)	(\$M)	(\$M)	Distribution (\$M)
Summit Partners Venture Capital Fund IV-A, L.P.	US Buyout	2015	9.8%	\$14.0	\$16.3	\$21.0	\$15.7
Cressey & Company Fund V, L.P.	Other	2015	7.1%	\$14.0	\$13.4	\$15.3	\$16.3
OrbiMed Private Investments VI, L.P.	Venture Capital	2014	6.7%	\$14.0	\$13.1	\$14.5	\$8.7
Accel-KKR Capital Partners V, L.P.	Other	2015	6.5%	\$11.7	\$11.8	\$14.0	\$9.2
PeakSpan Capital Growth Partners I, L.P.	Other	2016	5.3%	\$9.3	\$8.7	\$11.3	\$11.0
EnCap Energy Capital Fund X, L.P.	Other	2019	5.1%	\$11.2	\$10.7	\$ 11.0	\$9.3
Angeles Equity Partners I, L.P.	US Buyout	2015	4.8%	\$14.0	\$12.7	\$10.3	\$9.5
HitecVision VII, L.P.	Venture Capital	2014	4.7%	\$12.8	\$13.1	\$10.2	\$15.5
Livingbridge Enterprise 2 LP	Other	2015	4.6%	\$12.0	\$12.0	\$9.9	\$7.1
Accel-KKR Growth Capital Partners Fund II, L.P.	Other	2014	4.2%	\$11.1	\$10.9	\$8.9	\$17.4



	Before 2017	2017	2018	2019	2020	2021	2022
Paid In Capital w/o Fees	\$58.1	\$53.4	\$45.7	\$31.0	\$18.6	\$15.1	\$0.0
Fees Paid	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Distribution	\$0.0	\$29.3	\$29.4	\$51.9	\$37.0	\$107.9	\$39.8
Cumulative	-\$58.1	-\$82.2	-\$98.5	-\$77.6	-\$59.2	\$33.6	\$73.4



Strategy Exposure



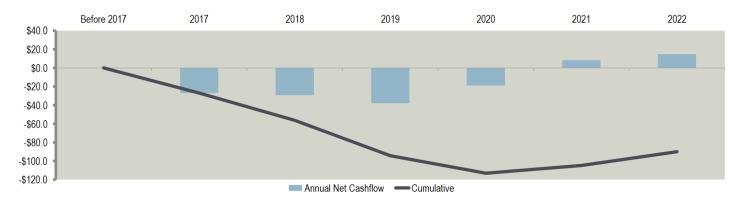


Characteristics

Top Ten Funds by Market Value

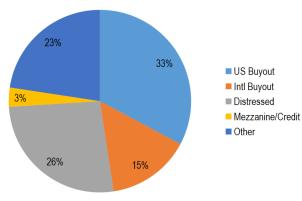
				l otal Commitment	Total Investment	Fair Market Value	Total
Fund	Туре	Vintage Year	% of Portfolio	(\$M)	(\$M)	(\$M)	Distribution (\$M)
Zarvona III-A, L.P.	Other	2018	6.7%	\$8.7	\$8.2	\$15.9	\$2.4
G Square Capital II, L.P.	Intl Buyout	2016	6.2%	\$10.6	\$12.5	\$14.6	\$7.6
ABRY Partners IX, L.P.	US Buyout	2018	5.8%	\$11.7	\$11.0	\$13.6	\$1.8
FS Equity Partners VIII, L.P.	US Buyout	2019	5.1%	\$10.0	\$7.4	\$12.1	\$0.3
EnCap Energy Capital Fund XI, L.P.	Other	2017	4.8%	\$10.2	\$8.6	\$11.4	\$1.3
ABRY Senior Equity V, L.P.	Mezzanine/Credit	2017	4.1%	\$8.7	\$8.7	\$89.8	\$3.3
OrbiMed Private Investments VII, L.P.	Venture Capital	2018	4.1%	\$8.8	\$7.9	\$9.7	\$3.2
Livingbridge 6 L.P.	Other	2016	4.0%	\$9.0	\$9.2	\$9.5	\$3.9
Accel-KKR Growth Capital Partners III, LP	US Buyout	2018	3.6%	\$8.7	\$7.5	\$8.6	\$0.5
DBAG Fund VII SCSp	Intl Buyout	2016	3.5%	\$8.0	\$8.3	\$8.3	\$0.9

Annual Cash Flow Summary (\$M)

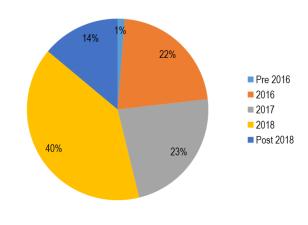


	Before 2017	2017	2018	2019	2020	2021	2022
Paid In Capital w/o Fees	\$0.0	\$27.0	\$32.0	\$41.9	\$37.6	\$37.8	\$10.6
Fees Paid	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Distribution	\$0.0	\$0.0	\$2.7	\$3.9	\$18.8	\$46.1	\$25.4
Cumulative	\$0.0	-\$27.0	-\$56.3	-\$94.3	-\$113.1	-\$104.8	-\$90.0





Vintage Year Exposure



62

Characteristics

2016 \$243.7

49 69.6% \$236.7 1.8x

18.7%

Market Value: \$57.5 Million and 2.6% of Fund



Characteristics

	Fort Washington Capital Partners
Total Size of Fund (\$M)	\$372.3
Total Capital Called to Date	\$119.6
% of Committed Capital Called	52.0%
Capital Distributed (\$M)	\$4.6
Capital Distributed (as a % of Ca	apital Calle 3.8%

Fund Vintage Year	2018
Total Underlying Commitments	\$247.5
# of Underlying Commitments	47
% of Capital Commited	66.5%
Fund NAV (\$M)	\$172.6
Net Multiple	1.5x
Net IRR	25.6%

Top Ten Funds by Market Value

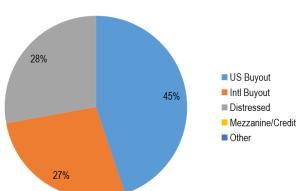
				l otal Commitment	Total Investment	Fair Market Value	Total
Fund	Туре	Vintage Year	% of Portfolio	(\$M)	(\$M)	(\$M)	Distribution (\$M)
R&T Equity Aggregator, LLC	Other	2022	10.1%	\$5.3	\$5.3	\$17.5	\$0.4
G Square Capital III L.P.	Intl Buyout	2018	7.4%	\$11.8	\$10.7	\$12.8	\$0.1
OceanSound Partners Fund, LP	US Buyout	2020	7.0%	\$10.9	\$8.8	\$12.1	\$0.6
TCV X, L.P.	Other	2018	5.4%	\$7.2	\$5.4	\$9.4	\$0.7
InTandem Capital Opportunities Fund, LP	US Buyout	2022	5.3%	\$8.7	\$8.0	\$9.1	\$0.0
PeakSpan Capital Growth Partners II, L.P.	Venture Capital	2019	5.2%	\$7.2	\$6.7	\$9.0	\$2.9
HitecVision North Sea Opportunity Fund, L.P.	US Buyout	2019	4.7%	\$7.0	\$5.7	\$8.1	\$7.9
5AM Ventures VI, L.P.	Venture Capital	2018	4.1%	\$5.8	\$5.6	\$7.1	\$0.0
Verdane Capital X, L.P.	Venture Capital	2018	3.8%	\$5.2	\$4.8	\$6.5	\$0.5
Luminate Capital Partners II, LP	Other	2018	3.5%	\$5.8	\$5.6	\$6.0	\$2,029.0

Annual Cash Flow Summary (\$M)



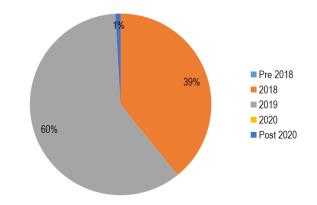
Annual Net Cashflow — Cumulative

	2018	2019	2020	2021	2022
Paid In Capital w/o Fees	\$1.5	\$21.2	\$11.8	\$71.9	\$34.5
Fees Paid	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Distribution	\$0.0	\$1.2	\$1.0	\$13.8	\$4.6
Cumulative	-\$1.5	-\$21.5	-\$32.3	-\$90.4	-\$120.3



Strategy Exposure





Characteristics

Market Value: \$34.1 Million and 1.6% of Fund

Fort Washington Opp Fund III

As of December 31, 2022

Characteristics

	Fort Washington Capital Partners
Total Size of Fund (\$M)	\$150.0
Total Capital Called to Date	\$98.3
% of Committed Capital Called	74.0%
Capital Distributed (\$M)	\$118.8
Capital Distributed (as a % of C	Capital Calle 120.9%

Characteristics

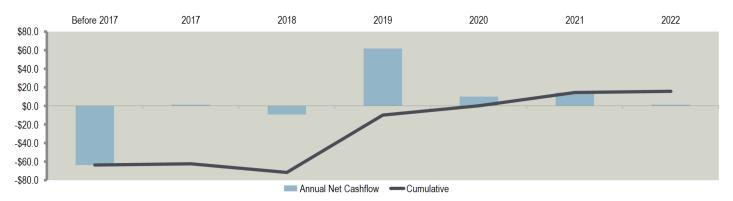
Market Value: \$9.3 Million and 0.4% of Fund

Fund Vintage Year	2014
Total Underlying Commitments	\$105.3
# of Underlying Commitments	14
% of Capital Commited	70.2%
Fund NAV (\$M)	\$53.1
Net Multiple	1.6x
Net IRR	14.7%

Top Ten Funds by Market Value

Fund	Туре	Vintage Year	% of Portfolio	l otal Commitment (\$M)	Total Investment (\$M)	Fair Market Value (\$M)	Total Distribution (\$M)
Lime Rock Partners IV AF, L.P.	Other	2018	24.8%	\$6.7	\$6.7	\$13.2	\$1.5
Airdrie Partners I, L.P.	Other	2014	23.2%	\$8.3	\$8.3	\$12.3	\$1.9
Scribe Aggregator, LLC	Other	2016	18.3%	\$6.7	\$6.7	\$9.7	\$0.9
Capital Resource Partners V, L.P.	Other	2018	13.9%	\$8.1	\$7.8	\$7.4	\$0.0
Pangaea Two, L.P.	Other	2015	9.9%	\$6.3	\$6.0	\$5.2	\$4.8
DCCP (FW) SPV Fund, L.P.	Other	2017	8.6%	\$7.3	\$7.0	\$4.6	\$0.3
Ascent Venture Partners IV-B, L.P.	Other	2016	0.7%	\$16.9	\$16.4	\$0.4	\$13.6
Accel-KKR Growth Capital Partners, L.P.	Other	2017	0.0%	\$4.3	\$4.2	\$0.0	\$12.4
Arch Global Precision, LLC	US Buyout	2015	0.0%	\$6.7	\$6.4	\$0.0	\$14.6
CREO Capital Partners III, L.P.	US Buyout	2014	0.0%	\$5.3	\$4.7	\$0.0	\$936.0

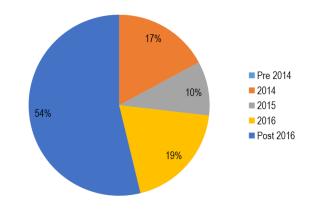
Annual Cash Flow Summary (\$M)



	Before 2017	2017	2018	2019	2020	2021	2022
Paid In Capital w/o Fees	\$63.7	\$12.0	\$22.6	\$0.6	\$0.6	\$0.6	\$0.0
Fees Paid	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Distribution	\$0.0	\$13.3	\$13.3	\$62.4	\$10.6	\$14.9	\$1.3
Cumulative	-\$63.7	-\$62.4	-\$71.7	-\$9.9	\$0.1	\$14.4	\$15.7



Vintage Year Exposure





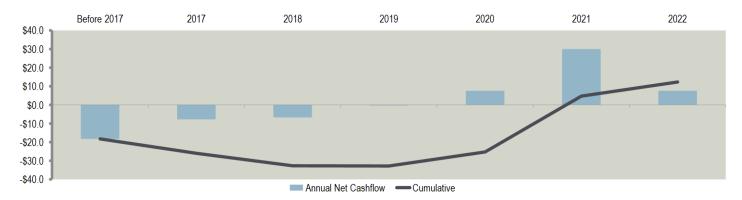
Characteristics

	North Sky Capital
Total Size of Fund (\$M)	\$53.0
Total Capital Called to Date	\$33.6
% of Committed Capital Called	66.0%
Capital Distributed (\$M)	\$50.5
Capital Distributed (as a % of Capital Calle	150.3%

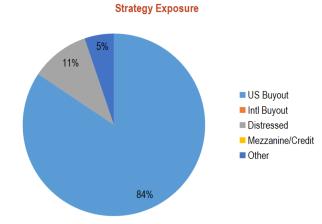
Top Ten Funds by Market Value

				l otal Commitment	Total Investment	Fair Market Value	Total
Fund	Туре	Vintage Year	% of Portfolio	(\$M)	(\$M)	(\$M)	Distribution (\$M)
IVP XV	Venture Capital	2015	9.8%	\$5,000,000.0	\$5,000,000.0	\$6,995,825.0	\$8,866,731.0
Cressey V	US Buyout	2015	9.8%	\$5,000,000.0	\$4,896,951.0	\$5,480,551.0	\$5,924,455.0
Guardian II	US Buyout	2014	12.8%	\$6,500,000.0	\$6,337,500.0	\$5,622,916.0	\$7,257,696.0
AEA SBA II	US Buyout	2016	6.9%	\$3,500,000.0	\$3,516,752.0	\$4,556,548.0	\$3,067,667.0
CapStreet IV	US Buyout	2015	9.8%	\$5,000,000.0	\$4,933,278.0	\$3,076,855.0	\$4,530,182.0
Francisco IV	US Buyout	2015	7.9%	\$4,000,000.0	\$3,898,000.0	\$3,797,796.0	\$7,699,706.0
Staple Street II	Distressed	2015	9.8%	\$5,000,000.0	\$3,976,524.0	\$3,672,900.0	\$2,846,190.0
Stone Arch III	US Buyout	2015	9.8%	\$5,000,000.0	\$4,125,000.0	\$3,380,007.0	\$4,320,203.0
Tower Arch I	US Buyout	2015	4.0%	\$6,500,000.0	\$5,567,015.0	\$1,463,106.0	\$12,137,294.0
Tritium I	Venture Capital	2014	3.9%	\$2,000,000.0	\$2,342,308.0	\$1,975,448.0	\$3,650,007.0

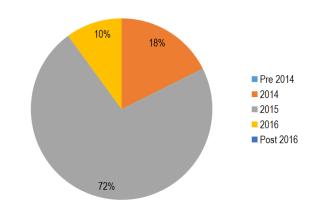




	Before 2017	2017	2018	2019	2020	2021	2022
Paid In Capital w/o Fees	\$17.6	\$7.5	\$8.1	\$0.0	\$0.0	\$0.0	\$0.0
Fees Paid	\$0.7	\$0.2	\$0.2	\$0.1	\$0.1	\$0.1	\$0.0
Distribution	\$0.0	\$0.0	\$1.5	\$0.0	\$7.6	\$30.1	\$7.6
Cumulative	-\$18.3	-\$26.0	-\$32.7	-\$32.8	-\$25.3	\$4.7	\$12.3



Vintage Year Exposure



Characteristics

Market Value: \$34.7 Million and 1.6% of Fund

Characteristics

	JPMorgan
Total Size of Fund (\$M)	\$850.0
Total Capital Called to Date	\$675.2
% of Committed Capital Called	75.0%
Capital Distributed (\$M)	\$121.3
Capital Distributed (as a % of Capital Calle	18.0%

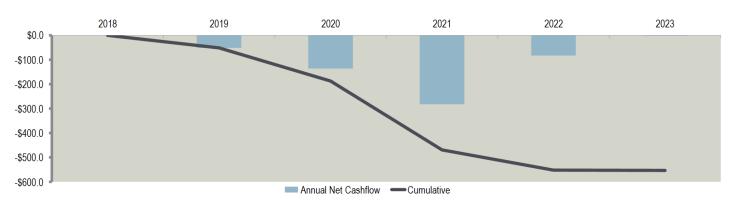
Characteristics

Market Value: \$40.1 Million and 1.8% of Fund

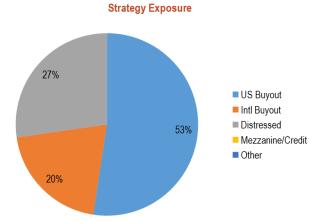
Fund Vintage Year	2018
Total Underlying Commitments	\$896.5
# of Underlying Commitments	39
% of Capital Commited	105.5%
Fund NAV (\$M)	\$896.3
Net Multiple	1.5x
Net IRR	23.8%

Top Ten Funds by Market Value

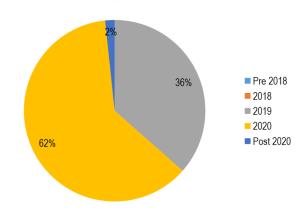
Fund	Turne	Vintoro Voor	0/ of Doutfolio	l otal Commitment	Total Investment	Fair Market Value	Total
Fulla	Туре	vintage real	% of Portfolio	(\$M)	(\$M)	(\$M)	Distribution (\$M)
Norvestor VIII	Intl Buyout	2020	3.1%	\$24.5	\$19.3	\$27.6	\$1.4
NexPhase Capital Fund IV	US Buyout	2021	2.9%	\$20.1	\$18.7	\$25.7	\$0.0
Genstar Capital Partners IX	US Buyout	2019	2.6%	\$17.4	\$16.6	\$23.7	\$8.1
Great Hill Equity Partners VII	US Buyout	2019	2.6%	\$23.4	\$21.5	\$23.3	\$6.5
BVIP Fund X	US Buyout	2020	2.4%	\$21.4	\$16.6	\$21.4	\$5.3
Thoma Bravo Fund XIV	US Buyout	2020	2.1%	\$18.0	\$17.7	\$19.2	\$0.0
Joy Capital III	Venture Capital	2019	1.9%	\$13.0	\$11.3	\$17.4	\$0.0
WPEF VIII Feeder	Intl Buyout	2020	1.9%	\$29.0	\$15.2	\$17.3	\$0.0
Genstar Capital Partners X	US Buyout	2021	1.8%	\$24.0	\$15.3	\$15.8	\$0.0
Kinderhook Capital Fund 7	US Buyout	2021	1.7%	\$24.0	\$8.7	\$15.0	\$0.0



	2018	2019	2020	2021	2022	2023
Paid In Capital w/o Fees	\$0.0	\$51.3	\$136.2	\$312.8	\$135.1	\$37.8
Fees Paid	\$0.0	\$0.0	\$0.2	\$0.5	\$0.6	\$0.1
Distribution	\$0.0	\$0.0	\$0.5	\$31.2	\$52.9	\$36.7
Cumulative	\$0.0	-\$51.3	-\$187.2	-\$469.3	-\$552.1	-\$553.3



Vintage Year Exposure



Characteristics

	JPMorgan
Total Size of Fund (\$M)	\$905.0
Total Capital Called to Date	\$553.4
% of Committed Capital Called	58.0%
Capital Distributed (\$M)	\$74.1
Capital Distributed (as a % of Capital Calle	13.4%

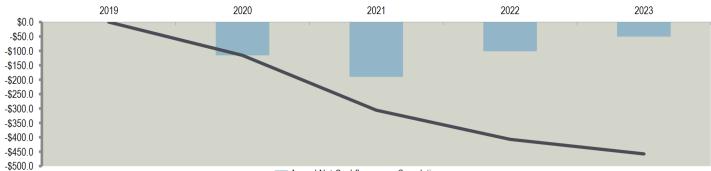
Characteristics

Market Value: \$14.7 Million and 0.6% of Fund

Fund Vintage Year	2020
Total Underlying Commitments	\$953.6
# of Underlying Commitments	42
% of Capital Commited	105.4%
Fund NAV (\$M)	\$711.6
Net Multiple	1.4x
Net IRR	24.7%

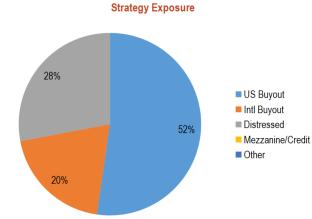
Top Ten Funds by Market Value

				l otal Commitment	Total Investment	Fair Market Value	Total
Fund	Туре	Vintage Year	% of Portfolio	(\$M)	(\$M)	(\$M)	Distribution (\$M)
Norvestor VIII	US Buyout	2020	3.9%	\$24.5	\$19.3	\$27.6	\$1.4
Thoma Bravo Fund XIV	US Buyout	2020	2.7%	\$18.0	\$17.7	\$19.2	\$0.0
WPEF VIII Feeder	Intl Buyout	2020	2.4%	\$29.0	\$15.2	\$17.3	\$0.0
Genstar Capital Partners X	US Buyout	2021	2.2%	\$24.0	\$15.3	\$15.8	\$0.0
LC Fund VIII	Venture Capital	2020	2.1%	\$13.0	\$12.1	\$15.2	\$2.7
GTCR Fund XIII	US Buyout	2020	2.0%	\$29.0	\$14.8	\$14.5	\$3.2
Warren Equity Partners Fund III	US Buyout	2020	1.9%	\$14.6	\$10.7	\$13.6	\$0.0
Accel Leaders 3	Venture Capital	2020	1.4%	\$12.9	\$10.5	\$9.7	\$0.0
Andreessen Horowitz LSV Fund II	Venture Capital	2020	1.2%	\$8.3	\$8.3	\$8.2	\$0.0
Eastern Bell Capital Fund II	Venture Capital	2020	1.1%	\$13.0	\$7.9	\$8.0	\$0.0

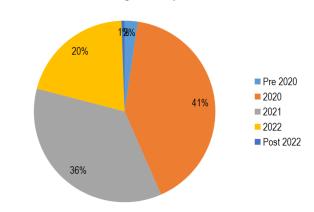


Annual Net Cashflow Cumulative

	2019	2020	2021	2022	2023
Paid In Capital w/o Fees	\$0.0	\$114.7	\$192.9	\$138.2	\$84.4
Fees Paid	\$0.0	\$0.9	\$0.2	\$0.2	\$0.2
Distribution	\$0.0	\$0.0	\$2.8	\$37.2	\$34.1
Cumulative	\$0.0	-\$115.6	-\$305.9	-\$407.1	-\$457.6



Vintage Year Exposure



Characteristics

onaraotonotio				
	JPMorgan			
Total Size of Fund (\$M)	\$1,273.0			
Total Capital Called to Date	\$251.4			
% of Committed Capital Called	27.0%			
Capital Distributed (\$M)	\$0.1			
Capital Distributed (as a % of Capital Calle	0.0%			

Characteristics

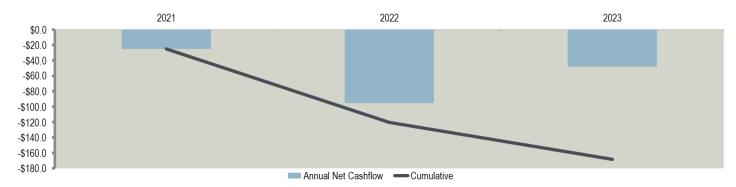
Market Value: \$9.1 Million and 0.4% of Fund

Fund Vintage Year	2021
Total Underlying Commitments	\$923.9
# of Underlying Commitments	21
% of Capital Commited	72.6%
Fund NAV (\$M)	\$267.0
Net Multiple	N/A
Net IRR	N/A

Top Ten Funds by Market Value

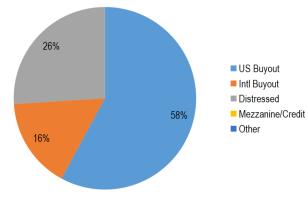
Fund	Туре	Vintage Year ᠀	6 of Portfolio	l otal Commitment (\$M)	Total Investment (\$M)	Fair Market Value (\$M)	Total Distribution (\$M)
Andreessen Horowitz LSV Fund III	Venture Capital	2022	3.5%	\$19.0	\$10.6	\$9.3	\$0.0
Thoma Bravo Fund XV	US Buyout	2022	3.2%	\$12.7	\$8.6	\$8.5	\$0.0
Warren Equity Partners Fund IV	US Buyout	2022	2.3%	\$28.0	\$6.9	\$6.0	\$0.1
Greycroft Partners VII	Venture Capital	2022	1.6%	\$15.8	\$4.7	\$4.3	\$0.0
Accel India VII	Venture Capital	2022	1.3%	\$15.8	\$4.2	\$3.6	\$0.0
Thoma Bravo Discover Fund IV	US Buyout	2022	1.3%	\$10.2	\$3.4	\$3.5	\$0.0
CNK Fund IV	Venture Capital	2022	1.3%	\$9.7	\$3.4	\$3.5	\$0.0
CNK Seed Fund I	Venture Capital	2022	0.6%	\$4.7	\$1.6	\$1.5	\$0.0
Elevation Capital VIII Limited	Venture Capital	2022	0.4%	\$19.1	\$1.3	\$1.1	\$0.0
OrbiMed Private Investments IX	Venture Capital	2022	0.3%	\$19.0	\$1.0	\$0.8	\$0.0



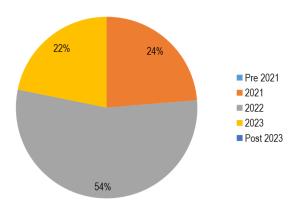


	2021	2022	2023
Paid In Capital w/o Fees	\$25.1	\$95.2	\$48.0
Fees Paid	\$0.0	\$0.1	\$0.0
Distribution	\$0.0	\$0.0	\$0.1
Cumulative	-\$25.1	-\$120.4	-\$168.3





Vintage Year Exposure





Securities Lending Income

As of September 30, 2023

2023 BNY Mellon Securities Lending Revenue	
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	2023 BNY Mellon Securities Lending Reve	nue		2023 Northern Trust Securit	ies Lending
<u>Month</u>		<u>CRS Earnings</u>	<u>Quarter</u>		<u>CRS Earnings</u>
January		-\$11,869	Q1		\$32,626
February		-\$11,981	Q2		\$46,011
March		-\$13,825	Q3		\$40,703
April		-\$14,498	Q4		
May		-\$14,774			
June		-\$14,059			
July		-\$15,315			
August		-\$13,691			
September		-\$15,015			
October					
November					
December					
Total YTD BI	NY Mellon Sec. Lending Revenue	-\$125,027	Total YTD No	orthern Trust Sec. Lending Revenue	\$119,340

Historic BNY Mellon Securities Le	nding Revenue		Historic Northern Trust Securities Leng	<u>ding Revenue</u>
Year	<u>CRS Earnings</u>	<u>Year</u>		CRS Earnings
2022	-\$32,661	2022		\$161,561
2021	\$14,480	2021		\$196,183
2020	\$297	2020		\$373,741
2019	-\$76,416	2019		\$426,454
2018	-\$29,442	2018		\$384,112
2017	\$125,636	2017		\$390,918
2016	\$351,379			
2015	\$542,312			
2014	\$562,374			
2013	\$321,534			
2012	\$277,849			
2011	\$362,989			
2010	\$340,835			
2009	\$964,503			
2008	\$2,365,591			
2007	\$1,432,567			
2006	\$983,293			
2005	\$989,492			
2004	\$1,513,575			
2003	\$352,142			
Total BNY Mellon Sec. Lending Revenue	\$11,237,303	Total No	rthern Trust Sec. Lending Revenue	\$2,052,309

As of September 30, 2023

3/31/2013 Beginning Balance: \$ 10,427,650.13

Calendar Year	Beginning Balance	Securities Lending come(Loss)	Monthly Loan Payments	Ending Balance
2013	\$ 10,427,650	\$ 284,392	\$ -	\$ 10,143,259
2014	10,143,259	539,863	-	9,603,396
2015	9,603,396	575,942	-	9,027,454
2016	9,027,454	356,642	-	8,670,812
2017	8,670,812	143,015	-	8,527,797
2018	8,527,797	(16,909)	1,400,000	7,144,706
2019	7,144,706	(85,053)	650,000	6,579,758
2020	6,579,758	296	600,000	5,979,462
2021	5,979,462	14,480	600,000	5,364,983
2022	5,364,983	(32,661)	600,000	4,797,644
2023	4,797,644	(125,027)	450,000	4,472,670
		\$ 1,654,980	\$ 4,300,000	



Total Fund Composite

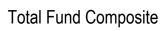
Fee Schedule

Market Value: \$2,184.8 Million and 100.0% of Fund

Asset Class	Expense Ratio & Estimated Annual Fee ¹	Industry Median ²
Fixed Income	0.19% \$684,372	0.20%
Private Debt	1.31% \$528,678	1.50%
US Equity	0.02% \$139,690	0.06%
Non-US Equity	0.10% \$400,887	0.22%
Volatility Risk Premium	0.30% \$174,795	1.00%
Real Estate	1.02% \$1,849,836	1.00%
Infrastructure	1.01% \$2,622,150	1.50%
Private Equity	0.65% \$1,669,476	1.00%
Total	0.37% \$8,069,884	0.52%

¹ Expense Ratio & Estimated Annual Fee are Based on Market Value at Quarter End.

² Source: Marquette Associates Investment Management Fee Study.



Fee Schedule

Market Value: \$2,184.8 Million and 100.0% of Fund

			Market value: \$2,184.8 Million and Tut	0% of Fund	
Asset Class	Investment Manager	Fee Schedule	Expense Ratio & Estimated Annual Fee ¹	Industry Median ²	
Core Fixed Income	NTGI Agg Bond	0.0125% on the balance	0.01% \$22,874	0.04%	
Core Plus Fixed Income	Loomis Sayles Core-Plus	0.30% on the first \$100 million 0.25% on the next \$100 million 0.20% on the next \$200 million 0.15% on the balance	0.29% \$385,098	0.30%	
High Yield Fixed Income	Shenkman - Four Points	0.55% on the balance	0.55% \$276,400	0.50%	
Private Debt	H.I.G. Bayside Opportunity VI	1.50% on invested assets 0.25% on the difference between aggregate commitments and invested assets	1.50% \$351,223	1.50%	
Private Debt	Owl Rock Diversified Lending	1.25% of called capital Plus 10% incentive fee over 6% preferred return (beg. 1/1/26)	1.14% \$137,500	1.50%	
Private Debt	Carlyle Direct Lending IV	0.80% on invested capital	0.80% \$39,955	1.50%	
All-Cap Core	NTGI Russell 3000	0.02% on the balance	0.02% \$92,909	0.06%	
Large-Cap Value	NTGI Russell 1000 Value	0.015% on the balance	0.02% \$8,302	0.06%	
Mid-Cap Value	Vanguard Mid Cap Value	0.07% on the balance	0.07% \$27,520	0.16%	
Small-Cap Value	NTGI Russell 2000 Value	0.02% on the balance	0.02% \$10,960	0.04%	
Non-U.S. All-Cap Core	NTGI ACWI Ex-US	0.04% on the balance	0.04% \$139,606	0.08%	
EM Small-Cap	DFA Emerging Markets Small Cap	0.60% on the balance	0.60% \$261,281	1.35%	
Volatility Risk Premium	NB US Index PutWrite	0.30% on the balance	0.30% \$174,795	1.00%	
Core Real Estate	J.P. Morgan SPF	1.00% on the first \$25 million 0.95% on the next \$25 million 0.85% on the next \$50 million	0.96% \$544,374	1.00%	
Core Real Estate	Morgan Stanley P.P.	0.84% on the balance Incentive Fee: 5%*NAV*(Return-NCREIF)	0.84% \$338,191	1.00%	
Value-Added Real Estate	PRISA III	1.10% on assets 0.10% on cash balance	1.10% \$432,537	1.00%	
Value-Added Real Estate	Principal Enhanced	1.20% on the balance 15% performance fee on returns > 11%	1.20% \$522,869	1.00%	
Non-U.S. Core Real Estate	StepStone RE Intl Partnership I	1.00% on the balance (Following seventh anniversary,	1.00% \$11,865	1.50%	
Core Infrastructure	Alinda Fund II	0.765% on ordinary capital contributions (20% incentive over 8% preferred return)	0.77% \$2,130	1.50%	
Core Infrastructure	J.P. Morgan Infrastructure	0.86% on the Balance Performance Fee: 15% with 7% Hurdle	0.86% \$1,011,450	1.07%	
Global Infrastructure	IFM Global Infrastructure (U.S)	0.77% on the Balance Performance Fee: 10% of return above 8%, with 33.3% catch-up	0.77% \$670,762	1.07%	

Total Fund Composite

Fee Schedule

Market Value: \$2,184.8 Million and 100.0% of Fund

		Walket	value: \$2,184.8 Million and TU	
Asset Class	Investment Manager	Fee Schedule	Expense Ratio & Estimated Annual Fee ¹	Industry Median ²
Core Infrastructure	Ullico - Infrastructure	1.75% on the first \$50 million 1.65% on the next \$25 million 1.50% on the Balance	1.74% \$937,809	1.07%
Venture Private Equity	Blue Chip Fund IV	\$100,000 annual fee for administrative expenses Plus 20% of profits after all capital returned	5.35% \$100,000	0.60%
Divers. Private Equity	Fort Washington Fund V	0.14% on committed assets (5% incentive over 8% return)	0.74% \$57,628	3.10%
Divers. Private Equity	Fort Washington Fund VI	0.27% on committed assets (5% incentive over 8% return)	1.85% \$79,723	4.17%
Divers. Private Equity	Fort Washington Fund VIII	0.32% on committed assets	0.44% \$157,728	0.83%
Divers. Private Equity	Fort Washington Fund IX	0.09% on committed assets Yr 1 0.18% on committed assets Yr 2 0.27% on committed assets Yr 3 0.36% on committed assets Yrs 4-10	0.31% \$180,000	0.87%
Divers. Private Equity	Fort Washington Fund X	0.15% on committed assets Yr 1 0.30% on committed assets Yr 2 0.45% on committed assets Yr 3 0.60% on committed assets Yrs 4-10	0.70% \$240,000	1.17%
Secondary Private Equity FoF	Fort Washington Opp Fund III	0.17% on committed assets (15% incentive over 8% preferred return)	0.56% \$51,673	1.94%
Divers. Private Equity	North Sky Fund V	0.65% on committed assets Yrs 1-3 0.55% on committed assets Yrs 4-6 0.45% on committed assets Yrs 7-9 0.35% on committed assets thereafter	0.57% \$180,000	0.77%
Mezz./Special Sit. Private Equity FoF	Portfolio Advisors IV - Special Sit	0.5% on balance	0.50% \$7,041	0.60%
Mezz./Special Sit. Private Equity FoF	Portfolio Advisors V - Special Sit	0.7% on balance	0.70% \$3,683	0.60%
Global Divers. Private Equity FoF	JP Morgan Global Private Equity VIII	0.31% on committed capital (est.) Performance Fee (Hurdle Rate 8%): Primary: 5% Secondary: 10% Direct: 15%	0.30% \$124,000	0.98%
Global Divers. Private Equity FoF	JP Morgan Global Private Equity IX	0.34% on committed capital (est.) Performance Fee (Hurdle Rate 8%): Primary: 5% Secondary: 10% Direct: 15%	0.46% \$68,000	1.36%
Global Divers. Private Equity FoF	JP Morgan Global Private Equity X	0.55% on Commitment Years 1-5 0.55% is reduced by 5% per year after year 5 Plus performance fee after 8% preferred return: 5% for primary partnerships 10% for secondary investments 15% for direct investments	2.41% \$220,000	4.39%
LBO Private Equity	Siguler Guff Small Buyout Opportunities V	0.80% on the Committed Capital 5% carried interest on fund investments 15% carried interest on direct investments 8% preferred return	2.57% \$200,000	6.43%
Total Investment Management Fees			0.37% \$8,069,884	0.52%

¹ Expense Ratio & Estimated Annual Fee are Based on Market Value at Quarter End.

² Source: Marquette Associates Investment Management Fee Study.

³ Annualized

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