

Preliminary, subject to revision



**Baltimore Employees' Retirement System** 

Baltimore
Employees' Retirement System
Flash Report

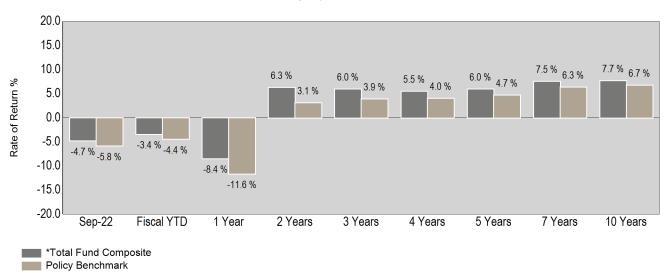
**September 30, 2022** 

## Investment Portfolio Analysis

## September 30, 2022

Market Value: \$1,953.2 Million and 100.0% of Fund

#### Return Summary Ending September 30, 2022



#### **Gross Return Summary 10 Years**

# Anlzd Return Total Fixed Income Composite 1.4% Total Domestic Equity Composite 10.4% Total International Equity Composite 4.6% Defensive Equity Composite - Closed Real Estate Composite 13.0% \*Total Fund Composite 7.7%

#### **Asset Allocation vs. Target**

	Current	Current	Policy	Difference	%
Total Fixed Income Composite	\$405,318,986	20.8%	22.0%	-\$24,388,691	-1.2%
Total Domestic Equity Composite	\$375,309,576	19.2%	22.0%	-\$54,398,101	-2.8%
Total International Equity Composite	\$201,842,208	10.3%	11.0%	-\$13,011,630	-0.7%
Global Equity Composite	\$62,410,043	3.2%	4.0%	-\$15,718,626	-0.8%
Low Volatility Composite	\$91,068,253	4.7%	6.0%	-\$26,124,750	-1.3%
Defensive Equity Composite	\$122,841,203	6.3%	7.0%	-\$13,883,967	-0.7%
Core Real Estate Composite	\$285,331,020	14.6%	11.0%	\$70,477,181	3.6%
Closed Real Estate Composite	\$17,929,973	0.9%	2.0%	-\$21,134,361	-1.1%
Private Equity Composite	\$347,624,885	17.8%	15.0%	\$54,642,378	2.8%
Cash Equivalents Composite	\$43,540,567	2.2%	0.0%	\$43,540,567	2.2%
Total	\$1,953,216,714	100.0%	100.0%		

#### **Summary of Cash Flows**

	Last Month	Year-To-Date	One Year	Three Years	Five Years
Beginning Market Value	\$2,074,576,817	\$2,264,735,105	\$2,203,976,872	\$1,827,470,759	\$1,743,938,392
Net Cash Flow	-\$25,917,892	-\$32,562,581	-\$73,801,584	-\$193,771,966	-\$304,762,373
Net Investment Change	-\$95,442,211	-\$278,955,811	-\$176,958,575	\$319,517,921	\$514,040,695
Ending Market Value	\$1,953,216,714	\$1,953,216,714	\$1,953,216,714	\$1,953,216,714	\$1,953,216,714

#### Manager Status

Market Value: \$1,953.2 Million and 100.0% of Fund

				Most Recent
Investment Manager	Asset Class	Status	Reason	Meeting Date
Mellon EB Aggregate Bond Index Fund	US Fixed Income Core			9/1/2021
Semper	US Fixed Income Mortgage Backed Securities			8/2/2021
Pugh Capital	US Fixed Income			12/16/2021
Payden & Rygel	International Emerging Market Debt			10/8/2021
Pacific Asset Management	Senior Secured Loans			1/25/2022
Edgar Lomax	US Stock Large Cap Value			5/18/2022
Mellon EB Large Cap SIF	US Stock Large Cap Core			11/19/2020
RhumbLine Advisers	US Stock Mid Cap Growth			6/30/2022
DF Dent	US Stock Mid Cap Growth			4/20/2022
Mellon Small Cap Stock Index	US Equity	-		11/19/2020
Allspring	US Equity	Watch	Organizational Changes	4/13/2022
Mellon ACWI ex. USA Index	International Large Stocks			11/19/2020
Ariel Investments	International	Watch	Professional Turnover	7/19/2022
Harding Loevner LP	International Large Stocks			7/18/2022
Mondrian	International Small Stocks			6/1/2022
SSGA Emerging SC	International Emerging Stocks			6/29/2022
Xponance MSCI World ex US	Non-US Equity			5/8/2020
Neuberger Berman	US Equity			7/27/2022
Channing Capital	US Stock Small Cap Core			6/21/2022
Earnest Partners	US Stock Small Cap Core			4/28/2022

#### **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 - The investment manager states it is acting in accordance with the Investment Policy Guidelines.

Alert – The investment manager is notified of a problem in performance (usually related to a benchmark or volatility measure), a change in investment characteristics, an alteration in management style or key investment professionals, and/or any other irregularities.

On Notice – The investment manager is notified of continued concern with one or more Alert issues. Failure to improve upon stated issues within a specific time frame justifies termination.

Termination - The Trustees have decided to terminate the investment manager. The investment manager is notified and transition plans are in place.

#### Closed-End Investment Manager Evaluation Terminology

Exceeds Expections – Ranks in the 1st quartile of the respective vintage year and asset class universe.

Meets Expections - Ranks in the 2nd or 3rd quartile of the respective vintage year and asset class universe.

Below Expections - Ranks in the 3rd or 4th quartile of the respective vintage year and asset class universe.



## Market Values

Market Value: \$1,953.2 Million and 100.0% of Fund

	Asset Class	Market Value	3 Mo Net of Cash Flows	% of Portfolio	Policy %	Policy Difference
Total Fund Composite		\$1,953,216,714	\$41,238,528	100.0%	100.0%	\$0
Total Fixed Income Composite		\$405,318,986	\$39,787,915	20.8%	22.0%	-\$24,388,691
Mellon EB Aggregate Bond Index Fund	Core Fixed Income	\$97,082,491	\$14,994,951	5.0%	6.0%	-\$20,110,512
Pugh Capital	Core Fixed Income	\$67,041,088	\$0	3.4%	4.0%	-\$11,087,581
Semper	MBS Fixed Income	\$79,557,420	\$4,982,938	4.1%	4.0%	\$1,428,751
Pacific Asset Management	Senior Secured Loans	\$96,026,369	\$19,902,953	4.9%	4.0%	\$17,897,701
Payden & Rygel	EM Fixed Income	\$65,611,619	-\$92,875	3.4%	4.0%	-\$12,517,050
Total Domestic Equity Composite		\$375,309,576	-\$35,126,693	19.2%	22.0%	-\$54,398,101
Edgar Lomax	Large-Cap Value	\$73,575,167	-\$20,034,375	3.8%	4.0%	-\$4,553,501
Mellon EB Large Cap SIF	Large-Cap Core	\$123,263,469	-\$15,007,181	6.3%	7.0%	-\$13,461,701
RhumbLine Advisers	Mid-Cap Growth	\$45,070,762	-\$4,238	2.3%	2.5%	-\$3,759,655
DF Dent	Mid-Cap Growth	\$45,286,846	-\$80,900	2.3%	2.5%	-\$3,543,572
Channing Capital	Small-Cap Core	\$40,277,127	\$0	2.1%	3.0%	-\$18,319,374
Earnest Partners	Small-Cap Core	\$40,177,929	\$0	2.1%	3.0%	-\$18,418,572
Mellon Small Cap Stock Index	Small-Cap Core	\$7,658,275	\$0	0.4%	0.0%	\$7,658,275
Total International Equity Composite		\$201,842,208	-\$417,294	10.3%	11.0%	-\$13,011,630
Mellon ACWI ex. USA Index	Non-U.S. Large-Cap Core	\$8,590,515	-\$466	0.4%	0.0%	\$8,590,515
Ariel Investments	Non-U.S. All-Cap Core	\$38,367,438	-\$70,970	2.0%	1.5%	\$9,069,187
Harding Loevner LP	Non-U.S. Large-Cap Growth	\$28,198,571	-\$53,322	1.4%	1.5%	-\$1,099,680
Mondrian	Non-U.S. Small-Cap Value	\$68,438,089	-\$152,305	3.5%	5.0%	-\$29,222,747
SSGA Emerging SC	EM Small-Cap	\$58,247,596	-\$140,231	3.0%	3.0%	-\$348,905
Xponance		\$62,410,043	-\$889	3.2%	4.0%	-\$15,718,626
Aubrey	Emerging Markets	\$8,148,418	-\$843	0.4%		
North of South Capital	Emerging Markets	\$9,178,119	-\$46	0.5%		
Arga ACWI ex US	Global Core Equity	\$6,333,066	\$0	0.3%		
Foresight EAFE	Non-U.S. Large-Cap Core	\$7,198,801	\$0	0.4%		
Redwood Investments- EAFE		\$5,728,554	\$0	0.3%		
Martin EAFE	Non-U.S. Large-Cap Core	\$7,019,846	\$0	0.4%		
Xponance MSCI World ex US	Global Core Equity	\$18,715,439	\$0	1.0%		
Low Volatility Composite		\$91,068,253	\$0	4.7%	6.0%	-\$26,124,750
Allspring	Low-Volatility U.S. Equity	\$91,068,253	\$0	4.7%	6.0%	-\$26,124,750
Defensive Equity Composite		\$122,841,203	-\$109,592	6.3%	7.0%	-\$13,883,967
Neuberger Berman	Defensive Equity	\$122,841,203	-\$109,592	6.3%	7.0%	-\$13,883,967
Core Real Estate Composite		\$285,331,020	-\$390,685	14.6%	11.0%	\$70,477,181
American Realty	Core Real Estate	\$155,874,103	-\$390,685	8.0%	5.5%	\$48,447,184
Barings	Core Real Estate	\$129,456,917	\$0	6.6%	5.5%	\$22,029,998
Closed Real Estate Composite		\$17,929,973	\$2,230,388	0.9%	2.0%	-\$21,134,361
Basis Investment Group	Real Estate Debt	\$17,877,383	\$2,230,388	0.9%	2.0%	-\$21,186,951
Thor Equities	Value-Added Real Estate	\$52,590	\$0	0.0%	0.0%	\$52,590

## Market Values

Market Value: \$1,953.2 Million and 100.0% of Fund

	Asset Class	Market Value	3 Mo Net % Cash Flows	of Portfolio	Policy %	Policy Difference
Private Equity Composite		\$347,624,885	\$2,323,415	17.8%	15.0%	\$54,642,378
Abbott PE Fund V	U.S. Private Equity FoF	\$1,328,648	\$0	0.1%		
Fairview Venture III	U.S. Private Equity FoF	\$29,538	\$0	0.0%		
Abbott PE Fund VI	U.S. Private Equity FoF	\$18,313,196	\$0	0.9%		
RCP Fund Direct Feeder	LBO Private Equity	\$391,525	\$0	0.0%		
RCP Fund VII Feeder	LBO Private Equity FoF	\$8,689,203	\$0	0.4%		
Summit Partners Credit Fund, LP	Mezz. Private Equity	\$210,272	\$0	0.0%		
Adams Street Partnership Fund - 2012 LP	Global Divers. Private Equity FoF	\$21,023,195	-\$652,006	1.1%		
Abbott Select Buyouts Partners III	LBO Private Equity FoF	\$12,778,825	-\$450,000	0.7%		
RCP Fund Direct II Feeder	LBO Private Equity	\$2,218,180	\$7,727	0.1%		
Warburg Pincus XII, LP	U.S. Private Equity FoF	\$6,243,082	-\$530,465	0.3%		
Landmark Partners XVI	Secondary Private Equity FoF	\$5,755,682	-\$137,399	0.3%		
Summit Partners Growth Equity IX	Venture Private Equity	\$8,008,631	\$0	0.4%		
I Squared Global Infrastructure II	Global Infrastructure	\$16,271,927	\$708,005	0.8%		
Reverence Capital Partners Opportunities Fund II	LBO Private Equity	\$26,208,733	\$0	1.3%		
RLJ Equity Partners II	LBO Private Equity	\$13,860,256	\$1,513,033	0.7%		
Chicago Pacific Founders	LBO Private Equity	\$29,388,844	\$879,954	1.5%		
Oaktree Special Situations Fund II	Distressed Private Equity	\$20,378,649	\$2,000,000	1.0%		
Siris Partners IV	LBO Private Equity	\$21,885,665	\$0	1.1%		
Vivo Capital Fund IX, LP	LBO Private Equity	\$37,099,986	-\$1,305,345	1.9%		
BlackRock Global Energy & Power Infrastructure Fund III		\$20,279,069	\$4,172,974	1.0%		
Tailwater Energy Fund IV	Growth Private Equity	\$16,206,617	-\$7,232,819	0.8%		
GenNx360 Capital Partners III	LBO Private Equity	\$26,805,029	\$2,910,500	1.4%		
Stellex	Special Situations Private Equity	\$11,332,941	\$0	0.6%		
Avance Investment Partners	LBO Private Equity	\$7,961,822	-\$2,063,431	0.4%		
I Squared Global Infrastructure III	Global Infrastructure	\$1,879,938	\$596,916	0.1%		
Lightspeed Venture Partners Fund V	Venture Private Equity	\$5,843,342	\$900,000	0.3%		
Reverence Capital Partners Opportunities Fund V	LBO Private Equity	\$7,232,091	\$1,005,772	0.4%		
Cash Equivalents Composite		\$43,540,567	\$32,941,912	2.2%	0.0%	\$43,540,567
BNY Mellon Cash Reserve	Cash & Equivalents	\$43,540,567	\$32,941,912	2.2%		

Total Fund Composite Notes

#### \*Please note the following:

- · Thor Equities: market value as of March 31, 2022, adjusted for capital calls/distributions.
- · Abbott Capital Fund V and VI: market values as of March 31, 2022 and March 31, 2022, adjusted for capital calls/distributions.
- · Abbott Select Buyouts III: market value as of March 31, 2022, adjusted for capital calls/distributions
- · Fairview Ventures Fund III: market value as of March 31, 2022, adjusted for capital calls/distributions.
- · RCP Fund VII Feeder: market value estimated for March 31, 2022; RCP Fund Direct: market value as of March 31, 2022, RCP Direct II: market value as of March 31, 2022, adjusted for capital calls/distributions.
- · Summit Partners & Summit Growth: market values as of March 31, 2022 and March 31, 2022, adjusted for capital calls/distributions.
- · Adams Street 2012 Global Fund: market value as of March 31, 2022, adjusted for capital calls/distributions.
- · Warburg Pincus: market value as of March 31, 2022, adjusted for capital calls/distributions.
- · I Squared II: market value as of March 31, 2022, adjusted for capital calls/distributions.
- · I Squared III: market value as of March 31, 2022, adjusted for capital calls/distributions.
- · Landmark: market value as of March 31, 2022, adjusted for capital calls/distributions.
- · Reverence: market value as of June 30, 2022, adjusted for capital calls/distributions.
- · RLJ: market value as of June 30, 2022, adjusted for capital calls/distributions.
- · Siris: market value as of March 31, 2022, adjusted for capital calls/distributions.
- · Basis Investment Group: market value as of June 30, 2022; adjusted for capital calls/distributions.
- · Chicago Pacific Founders: market value as of March 31, 2022, adjusted for capital calls/distributions.
- · Oaktree Special Situations: market value as of June 30, 2022, adjusted for capital calls/distributions.
- · Vivo Capital Fund IX: market value as of March 31, 2022, adjusted for capital calls/distributions.
- · BlackRock Global: market value as of March 31, 2022, adjusted for capital calls/distributions.
- · Tailwater: market value as of March 31, 2022, adjusted for capital calls/distributions.
- · GenNx360 Capital Partners: market value as of March 31, 2022, adjusted for capital calls/distributios.
- · Stellex: market value as June 30, 2022, adjusted for capital calls/distributios.
- · Avance: market value as of March 31, 2022, adjusted for capital calls/distributios.
- · Lightspeed Venture Partners V: market value funding amount, adjusted for capital calls/distributions.
- · Reverence V: market value funding amount, adjusted for capital calls/distributions.
- · American Realty: market value estimated for September, adjusted for capital calls/distributions.
- · Barings: market value as of June 30, 2022, adjusted for capital calls/distributions.
- · Pacific: market value estimated for September.
- · Payden: market value estimated for September.
- · Neuberger: market value estimated for September.
- · Xponance: market value excludes the Transition Account (\$87,799).

# Annualized Performance (Gross of Fees)

Market Value: \$1,953.2 Million and 100.0% of Fund

	1 Mo	Fiscal YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	
*Total Fund Composite	-4.7%	-3.4%	-8.4%	6.3%	6.0%	5.5%	6.0%	7.5%	7.7%	
Policy Benchmark	-5.8%	-4.4%	-11.6%	3.1%	3.9%	4.0%	4.7%	6.3%	6.7%	
Target Rate of Return 7%	0.6%	1.7%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	
				Ending	g Septem	ber 30, 20	22			
	1 Mo	Fiscal YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	
Total Fixed Income Composite	-4.1%	-3.0%	-13.8%	-5.5%	-2.2%	0.4%	0.4%	1.3%	1.4%	
Bloomberg US Aggregate TR	-4.3%	-4.8%	-14.6%	-8.0%	-3.3%	0.0%	-0.3%	0.5%	0.9%	
Total Domestic Equity Composite	-9.0%	-4.8%	-18.7%	5.1%	4.5%	4.5%	6.7%	9.4%	10.4%	
Russell 3000	-9.3%	-4.5%	-17.6%	4.2%	7.7%	6.5%	8.6%	10.9%	11.4%	
Total International Equity Composite	-10.0%	-9.8%	-26.1%	-2.7%	0.6%	-0.2%	0.8%	5.4%	4.6%	
MSCI ACWI ex USA Gross	-9.9%	-9.8%	-24.8%	-3.3%	-1.1%	-1.0%	-0.3%	3.8%	3.5%	
Xponance	-8.9%	-8.3%	-25.1%	-2.1%	0.6%	-0.3%	-0.1%	3.7%	5.6%	
Xponance Benchmark	-10.0%	-9.9%	-25.2%	-3.7%	-1.5%	-1.6%	-0.9%	3.5%	5.2%	
Low Volatility Composite	-6.8%	-5.9%	-5.4%	3.3%	-		-			
S&P 500 Low Volatility	-8.3%	-6.2%	-2.8%	6.0%	2.3%	6.4%	7.3%	9.6%	10.2%	
		Ending September 30, 2022								
	1 Mo	Fiscal YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	
Defensive Equity Composite	-6.1%	-4.4%	-10.7%	4.2%	5.2%	4.4%	4.7%			
CBOE Put Write Index	-5.9%	-6.8%	-7.6%	6.6%	3.9%	2.0%	3.3%	5.3%	5.6%	
50% S&P 500/50% 91 Day T-Bill	-4.5%	-2.0%	-7.2%	3.0%	4.8%	4.5%	5.5%	6.4%	6.3%	
				End	ding June	30, 2022				
	3 Mo	Fiscal YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	
Core Real Estate Composite	4.0%	28.1%	28.1%	16.5%	12.1%	11.0%	10.4%	10.1%	10.7%	
NPI	3.2%	21.5%	21.5%	14.2%	10.2%	9.3%	8.9%	8.8%	9.7%	
CPI +5%	4.3%	14.5%	14.5%	12.5%	10.2%	9.3%	9.1%	8.3%	7.7%	

<sup>\*</sup>Policy benchmark includes bank loan and emerging markets fixed income benchmarks.



<sup>\*</sup>Total Fund Composite does not include cash.

# Investment Manager

# Annualized Performance (Gross of Fees)

Market Value: \$1,953.2 Million and 100.0% of Fund

	1 Mo	Fiscal YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Total Fixed Income Composite	-4.1%	-3.0%	-13.8%	-5.5%	-2.2%	0.4%	0.4%	1.3%	1.4%	3.2%	Jun-08
Bloomberg US Aggregate TR	-4.3%	-4.8%	-14.6%	-8.0%	-3.3%	0.0%	-0.3%	0.5%	0.9%	2.6%	Jun-08
Mellon EB Aggregate Bond Index Fund	-4.3%	-4.7%	-14.5%	-8.0%	-3.2%	0.0%	-0.3%	0.5%	0.9%	2.7%	Sep-08
Bloomberg US Aggregate TR	-4.3%	-4.8%	-14.6%	-8.0%	-3.3%	0.0%	-0.3%	0.5%	0.9%	2.7%	Sep-08
Pugh Capital	-4.4%	-4.7%	-14.6%	-7.7%						-7.5%	Aug-20
Bloomberg US Aggregate TR	-4.3%	-4.8%	-14.6%	-8.0%	-3.3%	0.0%	-0.3%	0.5%	0.9%	-7.7%	Aug-20
Semper	-3.3%	-3.7%	-12.0%	-4.7%	-2.0%	0.2%	0.4%	1.5%	2.0%	4.3%	Jun-08
Semper Benchmark	-5.1%	-5.3%	-14.0%	-7.5%	-3.7%	-0.9%	-0.9%	-0.1%	0.5%	2.3%	Jun-08
Pacific Asset Management	-2.4%	1.7%	-1.7%	2.9%	2.4%	2.8%	3.4%			3.5%	Aug-17
Credit Suisse Leveraged Loans	-2.2%	1.2%	-2.6%	2.8%	2.1%	2.4%	3.0%	3.7%	3.7%	3.0%	Aug-17
Payden & Rygel	-6.8%	-4.5%	-25.4%	-10.5%	-6.1%					-4.2%	May-19
JPM EMBI Global Diversified	-6.4%	-4.6%	-24.3%	-11.1%	-7.2%	-2.8%	-2.6%	0.9%	1.0%	-5.1%	May-19
<b>Total Domestic Equity Composite</b>	-9.0%	-4.8%	-18.7%	5.1%	4.5%	4.5%	6.7%	9.4%	10.4%	8.7%	Jun-08
Russell 3000	-9.3%	-4.5%	-17.6%	4.2%	7.7%	6.5%	8.6%	10.9%	11.4%	9.5%	Jun-08
Edgar Lomax	-7.6%	-7.2%	-5.4%	13.0%	3.3%	4.0%	6.2%	9.3%	9.9%	8.6%	Jun-08
S&P 500 Value	-8.5%	-5.8%	-9.6%	9.2%	5.1%	5.2%	6.2%	9.0%	9.6%	7.8%	Jun-08
S&P 500	-9.2%	-4.9%	-15.5%	4.8%	8.2%	7.2%	9.2%	11.4%	11.7%	9.7%	Jun-08
Mellon EB Large Cap SIF	-9.3%	-4.5%	-17.1%	4.2%	8.0%	7.0%	9.1%	11.2%	11.7%	9.7%	Jun-08
Russell 1000	-9.3%	-4.6%	-17.2%	4.1%	7.9%	6.9%	9.0%	11.2%	11.6%	9.6%	Jun-08
RhumbLine Advisers	-8.5%	-0.6%	-29.4%	-4.0%	4.3%					9.8%	Jan-19
Russell MidCap Growth	-8.5%	-0.7%	-29.5%	-4.1%	4.3%	4.5%	7.6%	9.5%	10.9%	9.8%	Jan-19
DF Dent	-10.4%	-6.3%	-31.5%	-7.8%	0.8%					8.7%	Jan-19
Russell MidCap Growth	-8.5%	-0.7%	-29.5%	-4.1%	4.3%	4.5%	7.6%	9.5%	10.9%	9.8%	Jan-19
S&P 400 MidCap	-9.2%	-2.5%	-15.2%	10.3%	6.0%	3.8%	5.8%	8.7%	10.0%	9.5%	Jan-19
Channing Capital	-9.6%	-7.3%	-	-	-	-	-		-	-22.7%	Dec-21
Russell 2000	-9.6%	-2.2%	-23.5%	6.3%	4.3%	0.8%	3.6%	7.5%	8.6%	-25.1%	Dec-21
Earnest Partners	-9.6%	-2.3%	-	-	-	-	-	-	-	-21.4%	Dec-21
Russell 2000	-9.6%	-2.2%	-23.5%	6.3%	4.3%	0.8%	3.6%	7.5%	8.6%	-25.1%	Dec-21
Mellon Small Cap Stock Index	-9.6%	-2.1%	-23.4%							-22.0%	Jun-21
Russell 2000	-9.6%	-2.2%	-23.5%	6.3%	4.3%	0.8%	3.6%	7.5%	8.6%	-22.1%	Jun-21
Total International Equity Composite	-10.0%	-9.8%	-26.1%	-2.7%	0.6%	-0.2%	0.8%	5.4%	4.6%	2.8%	Jun-08
MSCI ACWI ex USA Gross	-9.9%	-9.8%	-24.8%	-3.3%	-1.1%	-1.0%	-0.3%	3.8%	3.5%	1.9%	Jun-08
Mellon ACWI ex. USA Index	-9.9%	-9.9%	-25.0%	-3.4%	-1.2%	-1.1%	-0.5%	3.6%		2.4%	May-13
MSCI ACWI ex USA Gross	-9.9%	-9.8%	-24.8%	-3.3%	-1.1%	-1.0%	-0.3%	3.8%	3.5%	2.6%	May-13
MSCI ACWI ex USA	-10.0%	-9.9%	-25.2%	-3.7%	-1.5%	-1.4%	-0.8%	3.3%	3.0%	2.1%	May-13
Ariel Investments	-8.9%	-12.6%	-14.9%	-1.7%	-0.2%	-0.3%				-0.7%	Feb-18
MSCI ACWI ex USA Gross	-9.9%	-9.8%	-24.8%	-3.3%	-1.1%	-1.0%	-0.3%	3.8%	3.5%	-1.6%	Feb-18
Harding Loevner LP	-7.7%	-8.3%	-27.1%	-5.9%	0.7%	-0.1%	1.3%	6.2%		4.0%	Mar-15
MSCI ACWI ex USA Gross	-9.9%	-9.8%	-24.8%	-3.3%	-1.1%	-1.0%	-0.3%	3.8%	3.5%	1.9%	Mar-15
Mondrian	-11.4%	-11.5%	-34.7%	-8.4%	-4.6%	-4.3%	-2.1%	3.0%	3.7%	4.6%	Sep-10
MSCI World ex USA Small Cap	-11.4%	-9.5%	-30.8%	-5.1%	-1.3%	-2.4%	-1.2%	3.6%	4.8%	4.5%	Sep-10
SSGA Emerging SC	-10.0%	-6.4%	-20.1%	6.7%	-	-	-			5.0%	Oct-19
MSCI Emerging Markets Small Cap	-10.0%	-5.3%	-23.2%	4.9%	5.5%	2.7%	1.3%	4.7%	2.9%	4.3%	Oct-19



# Investment Manager

# Annualized Performance (Gross of Fees)

Market Value: \$1,953.2 Million and 100.0% of Fund

	1 Mo	Fiscal YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Xponance	-8.9%	-8.3%	-25.1%	-2.1%	0.6%	-0.3%	-0.1%	3.7%	5.6%	5.4%	Jun-08
Xponance Benchmark	-10.0%	-9.9%	-25.2%	-3.7%	-1.5%	-1.6%	-0.9%	3.5%	5.2%	5.2%	Jun-08
Aubrey	-7.7%	-5.0%	-31.7%	-11.5%	3.9%	5.3%				3.2%	Oct-17
MSCI Emerging Markets Gross	-11.7%	-11.4%	-27.8%	-7.5%	-1.7%	-1.7%	-1.4%	4.3%	1.4%	-2.2%	Oct-17
North of South Capital	-9.9%	-8.1%	-24.4%	1.9%	4.1%					4.8%	May-19
MSCI Emerging Markets Gross	-11.7%	-11.4%	-27.8%	-7.5%	-1.7%	-1.7%	-1.4%	4.3%	1.4%	-1.0%	May-19
Arga ACWI ex US	-10.1%	-10.6%	-21.5%	8.5%	-					10.5%	Jun-20
MSCI ACWI ex USA	-10.0%	-9.9%	-25.2%	-3.7%	-1.5%	-1.4%	-0.8%	3.3%	3.0%	-0.7%	Jun-20
Foresight EAFE	-7.8%	-8.8%	-19.5%	-2.7%						0.9%	Jun-20
MSCI EAFE	-9.4%	-9.4%	-25.1%	-3.0%	-1.8%	-1.7%	-0.8%	2.8%	3.7%	-0.6%	Jun-20
Redwood Investments- EAFE	-9.6%	-7.3%								-23.1%	Mar-22
MSCI EAFE + Canada	-9.3%	-9.2%	-23.9%	-1.9%	-1.2%	-1.1%	-0.4%	3.2%	3.5%	-22.5%	Mar-22
Martin EAFE	-8.0%	-9.0%	-22.3%	-2.6%	_	-				0.3%	Jun-20
MSCI EAFE	-9.4%	-9.4%	-25.1%	-3.0%	-1.8%	-1.7%	-0.8%	2.8%	3.7%	-0.6%	Jun-20
Xponance MSCI World ex US	-9.1%	-9.0%	-23.3%	-1.1%						1.1%	Jun-20
MSCI World ex USA	-9.3%	-9.2%	-23.9%	-1.9%	-1.2%	-1.1%	-0.4%	3.2%	3.6%	0.4%	Jun-20
Low Volatility Composite	-6.8%	-5.9%	-5.4%	3.3%						2.7%	Nov-19
S&P 500 Low Volatility	-8.3%	-6.2%	-2.8%	6.0%	2.3%	6.4%	7.3%	9.6%	10.2%	2.5%	Nov-19
Allspring	-6.8%	-5.9%	-5.4%	3.3%						2.7%	Nov-19
S&P 500 Low Volatility	-8.3%	-6.2%	-2.8%	6.0%	2.3%	6.4%	7.3%	9.6%	10.2%	2.5%	Nov-19
Russell 1000 Value	-8.8%	-5.6%	-11.4%	9.4%	4.4%	4.3%	5.3%	8.2%	9.2%	3.0%	Nov-19
Defensive Equity Composite	-6.1%	-4.4%	-10.7%	4.2%	5.2%	4.4%	4.7%	-		5.3%	Feb-17
CBOE Put Write Index	-5.9%	-6.8%	-7.6%	6.6%	3.9%	2.0%	3.3%	5.3%	5.6%	3.8%	Feb-17
50% S&P 500/50% 91 Day T-Bill	-4.5%	-2.0%	-7.2%	3.0%	4.8%	4.5%	5.5%	6.4%	6.3%	5.7%	Feb-17
Neuberger Berman	-6.1%	-4.4%	-10.6%	4.3%	5.2%	4.4%	4.7%			5.3%	Feb-17
CBOE Put Write Index	-5.9%	-6.8%	-7.6%	6.6%	3.9%	2.0%	3.3%	5.3%	5.6%	3.8%	Feb-17
50% S&P 500/50% 91 Day T-Bill	-4.5%	-2.0%	-7.2%	3.0%	4.8%	4.5%	5.5%	6.4%	6.3%	5.7%	Feb-17
					Endi	ng Septe	ember 3	0, 2022			
	3 Mo	Fiscal YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
American Realty	1.8%	1.8%	25.9%	19.5%	13.2%	11.6%	11.0%	10.2%	11.0%	6.8%	Jun-08
NPI	0.0%	0.0%	15.4%	13.8%	9.7%	8.8%	8.5%	8.4%	9.4%	7.0%	Jun-08
					Er	nding Ju	ıne 30, 2	2022			
	3 Mo	Fiscal YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Barings	3.1%	25.2%	25.2%	14.4%	11.0%	10.1%	9.7%	9.9%	10.2%	10.2%	Jul-12
NPI	3.2%	21.5%	21.5%	14.2%	10.2%	9.3%	8.9%	8.8%	9.7%	9.7%	Jul-12

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