Quarterly Performance Report As of June 30, 2023



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Marquette Update



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Marquette Update

30 2023



You're invited!

Our 2023 Symposium will be held as a hybrid event, with an in-person option in Chicago at the Union League Club and a virtual livestream. We're excited to welcome Frank Kelly and Ben Mezrich as featured speakers and our research team will also present several flash talks. Visit our website for full details and RSVP using our email invitation sent 7/10.

\$351B assets under advisement

99% client retention rate

25

partners

year in business

130+

employees



Halftime Market Insights Webinar: 7/19 YouTube: 7/20



July 20

Letter from the Director of Research

QUARTERLY RESEARCH

100% employee-owned¹

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Client data as of March 31, 2023; firm data as of July 2023. Client retention rate calculated as the average annual retention rate trailing ten years. 'By current and former employees. Marguette 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.

▶ Nat Kellogg speaking at ALTSCHI 2023 Forum 7/17 (link) ▶ Nat Kellogg and Amy Miller speaking at Pension Bridge Private Equity Exclusive

UPCOMING SPEAKING ENGAGEMENTS

Jessica Noviskis speaking at CFA

Society Chicago 2023 Industry

Roundtable 7/13 (link)

7/25 (link)

- ► Sarah E.R. Wilson speaking at Pennsylvania State Association of County Controllers' Annual Conference 7/25 (link)
- ▶ Nat Kellogg speaking at Pension, **Endowment and Foundation Central** Summit 9/7 (link)
- ▶ Dave Smith speaking at 529 Conference 9/19 (link)



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Market Environment



U.S. Economy

- U.S. economic growth accelerated slightly in Q2, with real GDP growing at an annual rate of 2.4%. While a slowdown in consumer spending was a headwind, strong business investment and state and local government spending supported economic activity.
- Economic data have come in much better-thanexpected in the first half of 2023, according to the Citigroup U.S. Economic Surprise Index.
- The economy has continued to defy economist expectations of an impending recession. Interestrate sensitive sectors (housing, autos, etc.) weighed on the economy in late 2022 and early 2023 but have steadied over the past few months amid the stabilization in interest rates.
- Despite the Q2 slowdown, consumer spending remains resilient on the back of excess savings accumulated during the pandemic and a tight labor market that continues to generate nominal wage growth well above its average level seen over the past couple of decades.

U.S. Real GDP Growth 12.5% 10.0% 7.5% 5.0% 2.5% 0.0% -2.5% 2022 2022 2023 2021 2021 2022 /// Quarterly Year-Over-Year

Citigroup U.S. Economic Surprise Index



Source: Refinitiv, The Wall Street Journal

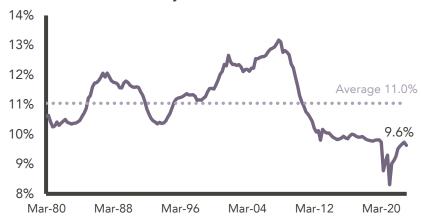
Note: In the "Real GDP Growth" chart, striped bars reflect economist estimates from The Wall Street Journal Economic Forecasting Survey.



U.S. Economy

- Many economists have been expecting a recession given the current Federal Reserve rate-hiking cycle has been the most aggressive in decades.
- What may have been underappreciated heading into this tightening cycle is that household debt service payments as a percentage of disposable personal income is well below its average since the early 1980s.
- With fixed-rate mortgages accounting for about 67% of total household debt, according to the Federal Reserve Bank of New York, consumers have been shielded to some degree from rising rates.
- The strength in consumer spending has enabled the economy to withstand rolling recessions in certain areas (e.g., housing and manufacturing).
- Other areas of the economy, such as small corporations, do not share the same benefits of longterm, fixed-rate debt. Higher rates (and tightening lending standards) are likely impacting small corporations, with U.S. corporate bankruptcy filings through April higher than the first four months of any year since 2010.

Household Debt Service Payments as a % of DPI*







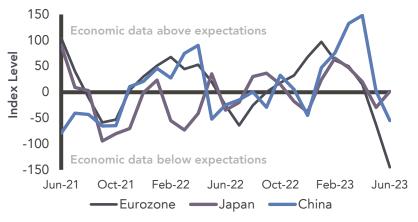
Source: Refinitiv, S&P Global Market Intelligence *Disposable Personal income



Global Economy

- Unlike the U.S., economic data in most other major global economic regions and countries have been coming in below expectations in Q2, according to the Citigroup Economic Surprise Indices, particularly in Europe.
- Growth within Europe has become increasingly divided, with services-driven economies continuing to grow, while a slow manufacturing recovery has pushed Germany into a technical recession.
- Within China, the post-pandemic recovery has been underwhelming. While GDP grew 6.3% from a year earlier through June, most analysts had expected growth of slightly more than 7%. The overall unemployment rate, meanwhile, remained stable in June but rose to a new record of 21.3% for people between 16 and 24 years old.
- Unlike much of the Western Developed World, China inflation has been relatively muted, with producer prices firmly in deflation. However, there have been relatively few signs of large-scale stimulus forthcoming to boost the economy.

2023 Global Economic Growth Forecast



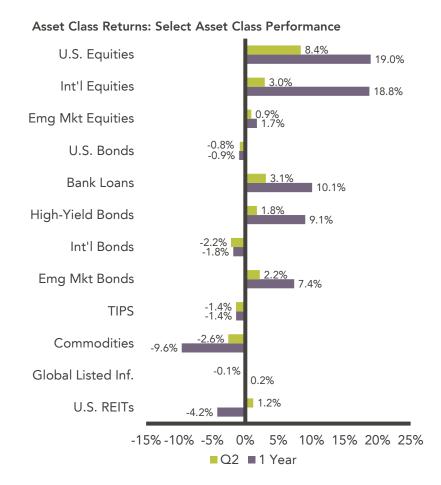
China Inflation Data





Global Asset Class Performance

- Global equities continued to rally in Q2 on the back of stronger-than-expected economic growth and a respite from U.S. banking concerns. U.S equities topped their international developed and emerging markets counterparts. U.S. dollar strength lessened gains for unhedged U.S.-based investors, with the greenback detracting approximately 1.3 and 0.8 percentage points, respectively, from international developed and emerging markets returns.
- Fixed income markets were mixed, with investmentgrade bonds in the red due to higher rates across the yield curve. Sub-investment grade debt, on the other hand, posted gains, with bank loans outperforming high-yield debt given their floatingrate characteristics.
- Inflation-sensitive assets mostly underperformed in Q2. TIPS underperformed their nominal government bond counterparts due to declining inflation expectations. Global listed infrastructure and REITs also underperformed broad global and U.S. equity markets, respectively. REITs remain under pressure due to concerns over the office sector. Commodities, meanwhile, were in the red with notable weakness in industrial metals prices.

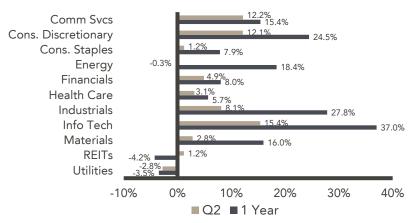




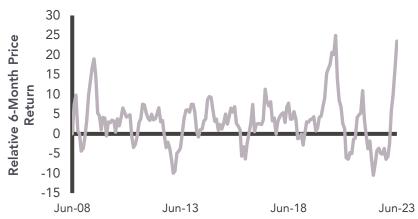
U.S. Equity Markets

- Economic sector performance was mostly positive in Q2, with nine of eleven sectors posting gains. More defensive sectors lagged the broad markets as Utilities was in the red, while Consumer Staples and Health Care generated marginal gains. At the other end of the spectrum, Information Technology and Communication Services led the way once again.
- From a style perspective, growth stocks topped value stocks handily once again in Q2. Value suffered from the underperformance of Energy and Financials. Year-to-date, growth has outperformed value by more than 23 percentage points (as measured by their respective Russell 3000 Indices).
- While market breadth improved somewhat in June, the outperformance of the largest U.S. stocks has been considerable in 2023—seven stocks account for 67% of the S&P 500's year-to-date return through June. The outperformance of these stocks, which are mostly mega-cap growth names, has driven the 6-month price return of the NASDAQ 100 relative to the broad market to its second-highest level over the past 15 years.

Sector Returns



NASDAQ 100 vs. Russell 3000 Relative 6-Month Price Return

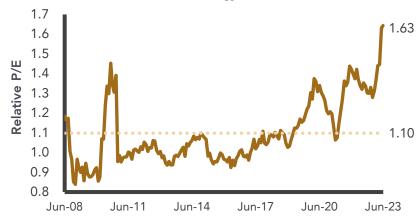




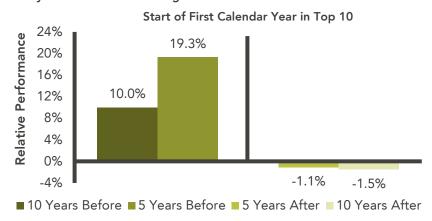
U.S. Equity Markets

- Equity markets continue to be largely driven by the technology sector, particularly mega-cap names, as the potential impact of artificial intelligence has captured investors' attention.
- Outperformance by the sector (and other IT-related names) has driven relative valuations (as measured by trailing P/E ratios) to the highest level seen in at least the last 15 years.
- While recent outperformance of the largest stocks may persist in the short term, history argues that these stocks are poised to underperform over the intermediate and long term. According to DFA, the ten largest stocks in the U.S. underperform the broad market by an average of 1.1% and 1.5% on an annual basis over the next five and ten years, respectively.
- Historically, investors tend to extrapolate recent earnings growth into the future, leaving these stocks susceptible to long-term disappointment as the subsequent growth in their fundamentals do not justify earlier valuations. Currently, the ten largest stocks in the S&P 500 Index comprise 31.7% of the index but have contributed just 21.5% of the index's trailing 12month earnings.

MSCI U.S. IMI Information Technology P/E vs. MSCI U.S. P/E



Average Annualized Outperformance of Companies Before and After They Become One of 10 Largest in U.S.

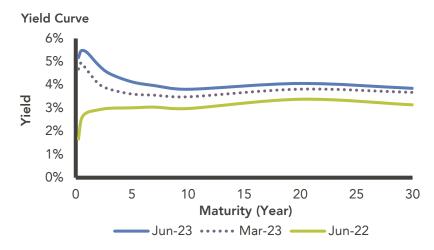


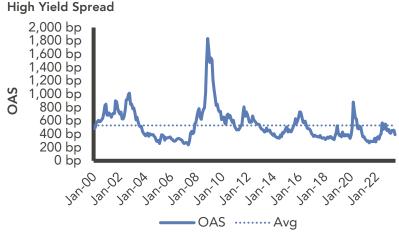
Source: DFA, Refinitiv



U.S. Fixed Income

- Treasury rates rose across the curve in Q2, though the magnitude was more muted for longer-dated issues. The short end of the curve saw rates jump notably as the updated Summary Economic Projections from the Federal Reserve implied two additional rate hikes in the back half of the year.
- Given higher rates, the broad investment-grade bond market experienced a mildly negative return in Q2, with the Bloomberg Aggregate Index returning -0.8%.
- Sub-investment grade debt, on the other hand, posted gains amid a strong environment for risk assets, with bank loans outperforming highyield debt given their floating rate characteristics. High-yield spreads ended June below 400 basis points for the first time since April 2022.







Global Index Returns

DOMESTIC EQUITY	QTR	YTD	1 Year	3 Year	5 Year	10 Year
S&P 500 Index	8.7	16.9	19.6	14.6	12.3	12.9
Russell 3000 Index	8.4	16.2	19.0	13.9	11.4	12.3
Russell 3000 Growth Index	12.5	28.1	26.6	13.2	14.4	15.3
Russell 3000 Value Index	4.0	5.0	11.2	14.4	7.8	9.1
Russell TOP 200 Index	9.9	19.4	20.9	14.6	13.2	13.5
Russell TOP 200 Growth Index	14.4	32.2	28.0	15.1	16.4	17.0
Russell TOP 200 Value Index	4.1	5.0	12.0	13.9	8.7	9.3
Russell 1000 Index	8.6	16.7	19.4	14.1	11.9	12.6
Russell 1000 Growth Index	12.8	29.0	27.1	14.1	15.1	15.7
Russell 1000 Value Index	4.1	5.1	11.5	14.3	8.1	9.2
Russell Mid-Cap Index	4.8	9.0	14.9	12.5	8.5	10.3
Russell Mid-Cap Growth Index	6.2	15.9	23.1	7.6	9.7	11.5
Russell Mid-Cap Value Index	3.9	5.2	10.5	15.0	6.8	9.0
Russell 2000 Index	5.2	8.1	12.3	10.8	4.2	8.3
Russell 2000 Growth Index	7.1	13.6	18.5	6.1	4.2	8.8
Russell 2000 Value Index	3.2	2.5	6.0	15.4	3.5	7.3
DOMESTIC EQUITY BY SECTOR (MSCI)						
Communication Services	12.2	34.4	15.4	6.3	10.0	7.2
Consumer Discretionary	12.1	29.8	24.5	11.2	11.4	13.2
Consumer Staples	1.2	2.5	7.9	12.2	10.8	9.6
Energy	(0.3)	(5.3)	18.4	36.5	5.7	3.4
Financials	4.9	(0.6)	8.0	15.0	6.3	9.8
Health Care	3.1	(0.6)	5.7	9.9	10.7	12.7
Industrials	8.1	13.2	27.8	18.2	10.4	11.6
Information Technology	15.4	39.7	37.0	17.8	20.1	20.8
Materials	2.8	7.9	16.0	16.9	8.9	10.0
Real Estate	1.2	3.0	(4.2)	6.1	4.8	6.7
Utilities	(2.8)	(5.7)	(3.5)	8.1	7.5	9.2



Global Index Returns

INTERNATIONAL/GLOBAL EQUITY	QTR	YTD	1 Year	3 Year	5 Year	10 Year
MSCI EAFE (Net)	3.0	11.7	18.8	8.9	4.4	5.4
MSCI EAFE Growth (Net)	2.8	14.2	20.2	6.3	5.4	6.4
MSCI EAFE Value (Net)	3.2	9.3	17.4	11.3	2.9	4.1
MSCI EAFE Small Cap (Net)	0.6	5.5	10.2	5.7	1.3	6.2
MSCI AC World Index (Net)	6.2	13.9	16.5	11.0	8.1	8.8
MSCI AC World Index Growth (Net)	9.2	24.2	23.1	9.6	10.4	11.0
MSCI AC World Index Value (Net)	3.0	4.3	10.0	11.8	5.2	6.2
MSCI Europe ex UK (Net)	2.9	15.2	24.6	10.1	6.0	6.4
MSCI United Kingdom (Net)	2.2	8.4	13.2	12.6	2.8	3.9
MSCI Pacific ex Japan (Net)	(1.8)	0.3	5.8	6.5	2.7	4.3
MSCI Japan (Net)	6.4	13.0	18.1	5.7	3.1	5.2
MSCI Emerging Markets (Net)	0.9	4.9	1.7	2.3	0.9	3.0



Global Index Returns

FIXED INCOME	QTR	YTD	1 Year	3 Year	5 Year	10 Year
Merrill Lynch 3-month T-Bill	1.2	1.9	3.6	1.3	1.6	1.0
Barclays Intermediate Gov't./Credit	(8.0)	1.5	(0.1)	(2.5)	1.2	1.4
Barclays Aggregate Bond	(8.0)	2.1	(0.9)	(4.0)	0.8	1.5
Barclays Short Government	(0.6)	0.3	0.2	(1.1)	0.9	0.8
Barclays Intermediate Government	(1.1)	(0.5)	(1.0)	(2.8)	0.8	0.9
Barclays Long Government	(2.3)	(2.5)	(6.8)	(12.0)	(0.9)	1.8
Barclays Investment Grade Corp.	(0.3)	(8.0)	1.5	(3.4)	1.8	2.6
Barclays High Yield Corp. Bond	1.8	5.4	9.1	3.1	3.4	4.4
Credit Suisse Leveraged Loan	3.1	6.3	10.1	6.2	4.0	4.1
JPMorgan Global ex US Bond	(2.2)	0.8	(1.8)	(5.9)	(2.7)	(0.9)
JPMorgan Emerging Market Bond	2.2	4.1	7.4	(3.1)	0.6	2.8
INFLATION SENSITIVE						
Consumer Price Index	1.1	2.8	3.0	5.8	3.9	2.7
BC TIPS	(1.4)	1.9	(1.4)	(0.1)	2.5	2.1
Commodities	(2.6)	(7.8)	(9.6)	17.8	4.7	(1.0)
Gold	(2.5)	5.4	6.2	1.1	7.8	3.8
REITs	1.2	3.0	(4.2)	6.1	4.8	6.7
FTSE EPRA/NAREIT Global REITs	0.0	0.6	(4.9)	2.1	(0.7)	2.5
NCREIF ODCE*	(2.8)	(6.1)	(10.7)	7.1	5.6	7.8

^{*}Data are preliminary. Source: Refinitiv





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Portfolio Overview



Observations

- Market Value as of June 30, 2023, was \$3.18 billion
- 2nd Qtr. '23 Return: Total Fund 2.5% (net) vs. Policy Index 2.8%; investment gain of \$78.7 million
- Contributors to 2nd Qtr. Performance:
 - US Growth Equity (Magnificent 7)
 - Opportunistic Credit
 - Core Real Estate
- Detractors from 2nd Otr. Performance:
 - Value Equity
 - International Equity
 - o Overweight to Real Assets
- Longer term performance has been strong:
 - o 5-Year Return: 6.3% (net) vs. Policy Index 6.3%; investment gain of \$894 million
 - o 10-Year Return: 7.6% (net) vs. Policy Index 7.5%; investment gain of \$1.84 billion
 - Peer Group Ranking: 27th percentile
- Very low Investment Management Fees: 0.30%

Looking Ahead

- Small Cap Value Manager Search
- Future International Value and active Emerging Markets Manager Search
- Switch Xponance from SMA to commingled fund

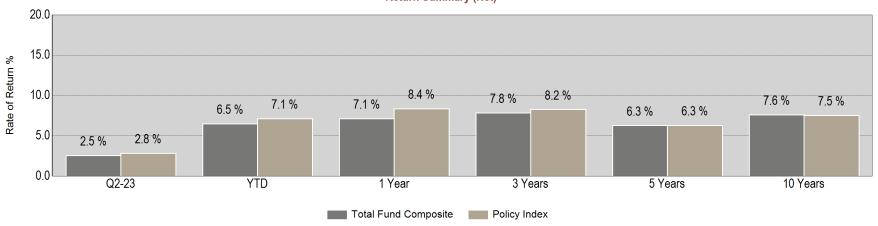
Portfolio Summary

As of June 30, 2023

Summary of Cash Flows

	Second Quarter	Year-To-Date	One Year	Three Years	Five Years	Ten Years
Beginning Market Value	\$3,124,694,950	\$3,021,555,622	\$3,022,152,580	\$2,649,623,811	\$2,526,229,643	\$1,733,206,485
Net Cash Flow	-\$26,876,172	-\$40,517,633	-\$61,070,584	-\$148,364,107	-\$243,975,760	-\$397,146,958
Net Investment Change	\$78,698,328	\$195,479,116	\$215,435,109	\$675,257,401	\$894,263,222	\$1,840,457,578
Ending Market Value	\$3,176,517,106	\$3,176,517,106	\$3,176,517,106	\$3,176,517,106	\$3,176,517,106	\$3,176,517,106

Return Summary (Net)



Asset Allocation vs. Target

	Current	Policy	Difference*
U.S. Equity	33.0%	32.5%	\$16,411,082
Global Equity	4.8%	5.0%	-\$5,257,566
Non-U.S. Equity	15.4%	15.0%	\$12,857,576
Emerging Markets	2.2%	2.5%	-\$8,928,618
Real Assets	17.2%	15.0%	\$69,866,088
U.S. Fixed Income	26.7%	29.0%	-\$74,480,971
Cash Equivalent	0.7%	1.0%	-\$10,467,590
Total	100.0%	100.0%	

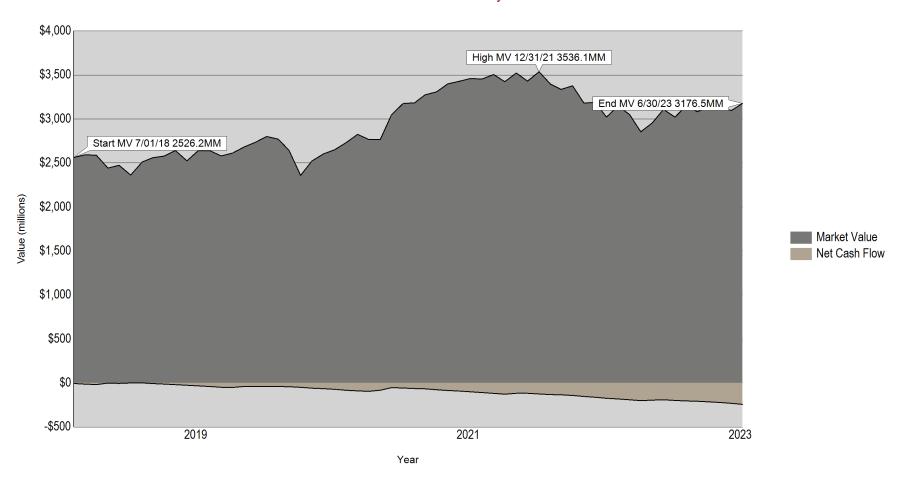
Market Value Summary

As of June 30, 2023

Cash Flow Summary by Manager From April 01, 2023 to June 30, 2023

	Beginning Market Value	Net Cash Flow	Net Investment Change	Ending Market Value
MFS Large Cap Value	\$145,377,888	\$0	\$5,300,115	\$150,678,002
Xponance S&P 500	\$251,445,412	\$0	\$21,958,124	\$273,403,536
Northern Trust S&P 500	\$255,581,037	\$2,516	\$22,330,729	\$277,914,282
Polen Focus Growth	\$96,812,138	\$0	\$8,934,904	\$105,747,041
Northern Trust Dow Jones Completion Index	\$95,263,212	\$3,665	\$6,092,504	\$101,359,382
Copeland SMID Cap Dividend Growth	\$49,823,485	\$0	\$3,439,326	\$53,262,811
Smith, Graham & Co Small Cap Value	\$42,849,574	\$0	\$1,512,679	\$44,362,253
Emerald Small Cap Growth	\$38,667,711	\$0	\$3,384,123	\$42,051,834
Rhumbline Global Min. Volatility	\$150,730,929	\$24,175	\$2,813,186	\$153,568,290
SSGA MSCI World ex US	\$267,413,958	-\$14,973,451	\$8,565,309	\$261,005,816
Hardman Johnston Int'l Equity	\$103,394,775	\$0	-\$1,848,009	\$101,546,765
HGK Int'l Equity	\$124,865,341	\$0	\$1,734,294	\$126,599,635
Jarislowsky, Fraser Limited	\$188,493	-\$5	-\$5,563	\$182,925
SSGA MSCI Emerging Markets Index	\$69,809,609	\$8,752	\$665,948	\$70,484,309
Forest Investment Associates	\$144,072,503	-\$121,949	\$541,736	\$144,492,290
PRISA LP	\$65,417,777	\$0	-\$1,346,181	\$64,071,596
PRISA II	\$132,602,713	\$0	-\$3,247,908	\$129,354,805
PennMuni-Nuveen U.S. Real Estate Fund	\$206,985,070	\$0	\$0	\$206,985,070
N. Front Street (Nuveen)	\$1,439,892	\$0	\$0	\$1,439,892
SSGA US Aggregate Bond Index	\$358,318,610	-\$14,988,613	-\$2,993,106	\$340,336,891
Federated Hermes Core Aggregate Strategy	\$345,839,836	\$0	-\$3,498,862	\$342,340,974
Ares Global Multi-Asset Credit	\$159,964,932	\$0	\$4,066,192	\$164,031,124
Cash Management	\$17,830,055	\$3,168,737	\$298,789	\$21,297,581
Total	\$3,124,694,950	-\$26,876,172	\$78,698,328	\$3,176,517,106

Market Value History



Asset Allocation Summary

	Market Value	% of Portfolio	Policy %	Policy Difference
Total Fund Composite	3,176,517,106	100.0	100.0	0
Total Equity Composite	1,762,166,882	55.5	55.0	15,082,474
U.S. Equity Composite	1,048,779,141	33.0	32.5	16,411,082
MFS Large Cap Value	150,678,002	4.7		
Xponance S&P 500	273,403,536	8.6		
Northern Trust S&P 500	277,914,282	8.7		
Polen Focus Growth	105,747,041	3.3		
Northern Trust Dow Jones Completion Index	101,359,382	3.2		
Copeland SMID Cap Dividend Growth	53,262,811	1.7		
Smith, Graham & Co Small Cap Value	44,362,253	1.4		
Emerald Small Cap Growth	42,051,834	1.3		
Global Equity Composite	153,568,290	4.8	5.0	-5,257,566
Rhumbline Global Min. Volatility	153,568,290	4.8		
Non-U.S Equity Composite	559,819,451	17.6	17.5	3,928,958
SSGA MSCI World ex US	261,005,816	8.2		
Hardman Johnston Int'l Equity	101,546,765	3.2		
HGK Int'l Equity	126,599,635	4.0		
SSGA MSCI Emerging Markets Index	70,484,309	2.2		
Real Assets Composite	546,343,653	17.2	15.0	69,866,088
Forest Investment Associates	144,492,290	4.5		
PRISA LP	64,071,596	2.0		
PRISA II	129,354,805	4.1		
PennMuni-Nuveen U.S. Real Estate Fund	206,985,070	6.5		
N. Front Street (Nuveen)	1,439,892	0.0		
Total Fixed Income Composite	846,708,989	26.7	29.0	-74,480,971
SSGA US Aggregate Bond Index	340,336,891	10.7		
Federated Hermes Core Aggregate Strategy	342,340,974	10.8		
Ares Global Multi-Asset Credit	164,031,124	5.2		
Cash Composite	21,297,581	0.7	1.0	-10,467,590

^{*}PennMuni and N. Front St. values as of 3/31, adjusted for contributions/distributions where relevant.

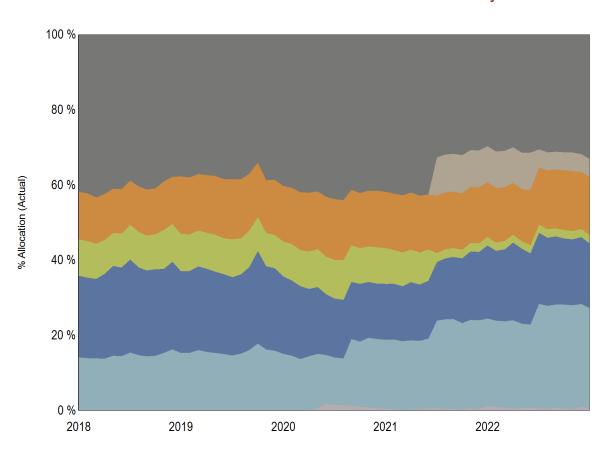


^{*}Residual value for Jarislowsky (approx. \$183K) included in Non-US Equity and Total Fund Composite values.

Asset Allocation Summary

As of June 30, 2023

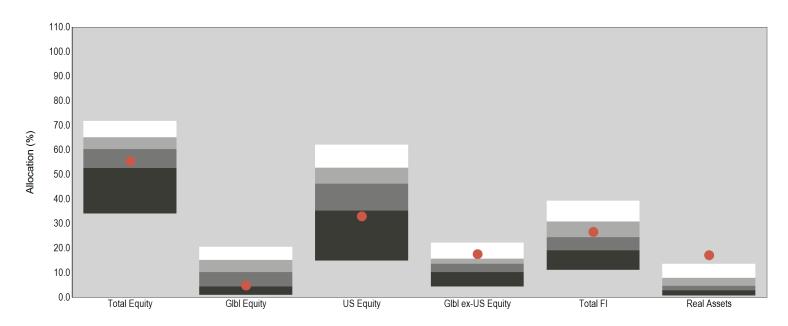
Asset Allocation History







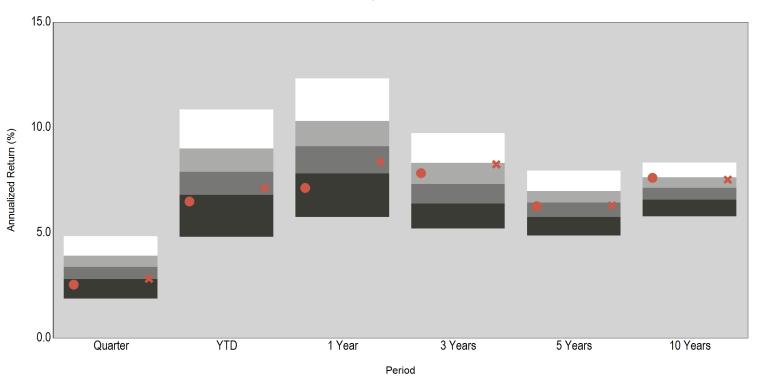
Total Plan Allocation vs. InvMetrics Public DB Net As of June 30, 2023



5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios
T-4-1 F 1 C

71.8		20.6		62.1		22.2		39.3		13.7	
65.2		15.2		52.7		15.8		30.9		7.8	
60.3		10.3		46.2		13.6		24.5		4.7	
52.7		4.4		35.3		10.3		19.1		2.8	
34.1		1.0		14.9		4.4		11.2		0.7	
488		88		431		445		495		74	
55.5	(68)	4.8	(72)	33.0	(79)	17.6	(16)	26.7	(40)	17.2	(3)

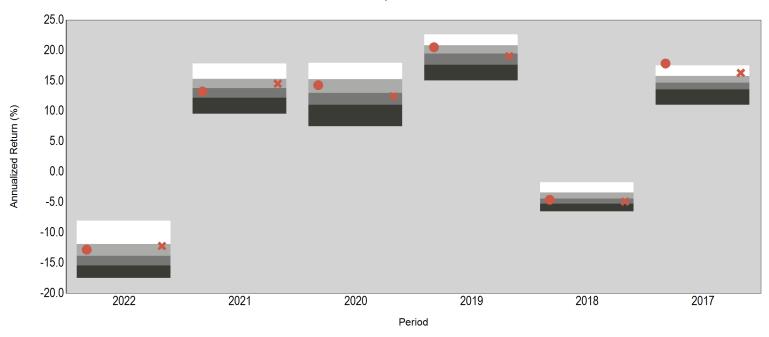
InvMetrics Public DB Net Return Comparison



	Return (Rank)											
5th Percentile	4.8		10.8		12.3		9.7		7.9		8.3	
25th Percentile	3.9		9.0		10.3		8.3		7.0		7.6	
Median	3.4		7.9		9.1		7.3		6.4		7.1	
75th Percentile	2.8		6.8		7.8		6.4		5.7		6.6	
95th Percentile	1.9		4.8		5.7		5.2		4.9		5.8	
# of Portfolios	550		545		543		529		515		431	
Total Fund CompositePolicy Index	2.5 2.8	(84) (75)	6.5 7.1	(81) (68)	7.1 8.4	(84) (67)	7.8 8.2	(36) (26)	6.3 6.3	(58) (57)	7.6 7.5	(27) (32)



InvMetrics Public DB Net Return Comparison



	Return (Rank))										
5th Percentile	-8.0		17.8		17.9		22.6		-1.7		17.5	
25th Percentile	-11.9		15.3		15.3		20.8		-3.4		15.8	
Median	-13.8		13.8		13.0		19.5		-4.4		14.7	
75th Percentile	-15.4		12.2		11.0		17.6		-5.2		13.6	
95th Percentile	-17.5		9.6		7.5		15.1		-6.5		11.1	
# of Portfolios	539		559		596		550		496		269	
Total Fund CompositePolicy Index	-12.8 -12.2	(36) (29)	13.2 14.5	(58) (35)	14.3 12.4	(37) (57)	20.5 19.0	(32) (57)	-4.6 -4.9	(56) (66)	17.8 16.3	(5) (18)

Risk & Statistics Summary

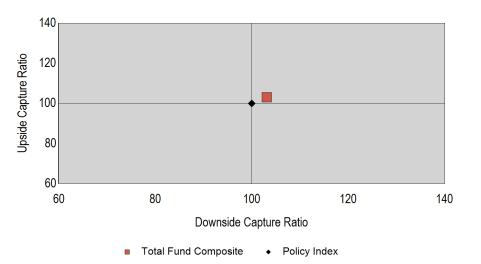
As of June 30, 2023

RISK RETURN STATISTICS

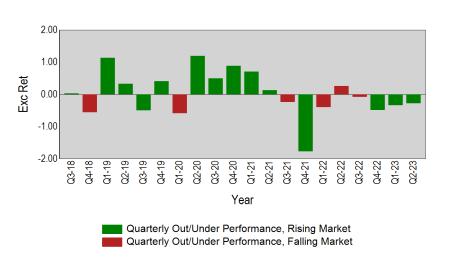
July 01, 2018 Through June 30, 2023

·	Total Fund Composite	Policy Index
RETURN SUMMARY STATISTICS		
Number of Periods	20	20
Maximum Return	13.40	12.26
Minimum Return	-15.48	-14.88
Annualized Return	6.26	6.29
Total Return	35.44	35.66
Annualized Excess Return Over Risk Free	4.79	4.82
Annualized Excess Return	-0.03	0.00
RISK SUMMARY STATISTICS		
Beta	1.05	1.00
Upside Deviation	7.40	6.90
Downside Deviation	11.04	10.49
RISK/RETURN SUMMARY STATISTICS	S	
Annualized Standard Deviation	14.86	14.17
Alpha	-0.07	0.00
Sharpe Ratio	0.32	0.34
Excess Return Over Market / Risk	0.00	0.00
Tracking Error	1.40	0.00
Information Ratio	-0.02	
CORRELATION STATISTICS		
R-Squared	0.99	1.00
Correlation	1.00	1.00

Upside Capture Ratio vs. Downside Capture Ratio 5 Years Ending June 30, 2023



Quarterly Excess Performance Total Fund Composite vs. Policy Index





Performance Summary (Net)

	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Market Value	Inception	Inception Date
Total Fund Composite	2.5	6.5	7.1	7.8	6.3	7.6	3,176,517,106	8.4	Jan-86
Policy Index	2.8	7.1	8.4	8.2	6.3	7.5		8.9	Jan-86
InvMetrics Public DB Net Rank	84	81	84	36	58	27		16	Jan-86
Total Equity Composite	5.0	11.7	15.0				1,762,166,882	9.7	Oct-20
MSCI ACWI IMI Net USD	5.9	13.2	16.1					8.9	Oct-20
U.S. Equity Composite	7.5	13.9	17.2	13.7	10.1	11.7	1,048,779,141	8.8	Jan-06
Russell 3000	8.4	16.2	19.0	13.9	11.4	12.3		9.5	Jan-06
InvMetrics Public DB US Eq Net Rank	57	60	75	68	63	43		50	Jan-06
MFS Large Cap Value	3.6	2.2	10.9				150,678,002	10.9	Jun-22
Russell 1000 Value	4.1	5.1	11.5					11.5	Jun-22
eV US Large Cap Value Equity Net Rank	55	76	56					56	Jun-22
Xponance S&P 500	8.7	16.9	19.6				273,403,536	-2.9	Dec-21
S&P 500	8.7	16.9	19.6					-2.9	Dec-21
eV US Large Cap Core Equity Net Rank	24	20	25					42	Dec-21
Northern Trust S&P 500	8.7	16.9	19.6				277,914,282	-2.9	Dec-21
S&P 500	8.7	16.9	19.6					-2.9	Dec-21
eV US Large Cap Core Equity Net Rank	24	20	24					42	Dec-21
Polen Focus Growth	9.2	24.6	19.3	5.7	11.8	15.0	105,747,041	14.6	Oct-10
Russell 1000 Growth	12.8	29.0	27.1	13.7	15.1	15.7		15.6	Oct-10
eV US Large Cap Growth Equity Net Rank	74	55	77	91	64	22		28	Oct-10
Northern Trust Dow Jones Completion Index	6.4	12.5	15.1				101,359,382	-11.8	Dec-21
Dow Jones U.S. Completion Total Stock Market	6.4	12.6	15.0					-11.9	Dec-21
eV US Small-Mid Cap Core Equity Net Rank	26	22	49					92	Dec-21
Copeland SMID Cap Dividend Growth	6.9	14.1	21.1	16.3	9.0		53,262,811	10.0	Sep-17
Russell 2500	5.2	8.8	13.0	11.1	4.3			5.7	Sep-17
eV US Small Cap Core Equity Net Rank	12	10	12	34	13			12	Sep-17
Smith, Graham & Co Small Cap Value	3.5	4.2	5.9	14.3	4.5		44,362,253	5.2	Dec-16
Russell 2000 Value	3.2	2.5	6.0	15.4	3.5			5.3	Dec-16
eV US Small Cap Value Equity Net Rank	57	66	86	84	67			78	Dec-16
Emerald Small Cap Growth	8.8	13.4	20.7	7.3	6.0	10.8	42,051,834	10.2	Oct-98
Russell 2000 Growth	7.1	13.6	18.5	6.1	4.2	8.8		7.5	Oct-98
eV US Small Cap Growth Equity Net Rank	10	40	18	54	70	40		60	Oct-98



Performance Summary (Net)

	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Market Value	Inception	Inception Date
Global Equity Composite	1.9	3.7	7.6				153,568,290	-6.5	Dec-21
Global Equity Policy Index	2.2	3.8	7.1					-6.9	Dec-21
InvMetrics Public DB Glbl Eq Net Rank	99	99	99					95	Dec-21
Rhumbline Global Min. Volatility	1.9	3.7	5.8				153,568,290	-4.4	Dec-21
MSCI ACWI Minimum Volatility Index	2.2	3.8	5.8					-4.7	Dec-21
MSCI ACWI	6.2	13.9	16.5					-4.7	Dec-21
eV Global Low Volatility Equity Net Rank	66	72	89					75	Dec-21
Non-U.S Equity Composite	1.7	9.9	13.2	7.5	4.5	5.8	559,819,451	6.8	May-12
MSCI ACWI ex USA IMI	2.4	9.1	12.5	7.3	3.4	4.9		6.1	<i>May-12</i>
InvMetrics Public DB ex-US Eq Net Rank	98	60	53	43	21	26		31	May-12
SSGA MSCI World ex US	3.2	11.6	17.8	9.7	4.9	5.7	261,005,816	5.9	Apr-12
MSCI World ex USA	3.0	11.3	17.4	9.3	4.6	5.4		5.6	Apr-12
eV ACWI ex-US Core Equity Net Rank	38	38	14	27	30	48		45	Apr-12
Hardman Johnston Int'l Equity	-1.8	7.1	11.4	4.5	5.1	7.3	101,546,765	7.6	Apr-12
MSCI EAFE	3.0	11.7	18.8	8.9	4.4	5.4		5.7	Apr-12
MSCI ACWI ex USA Growth	1.9	10.7	13.3	4.0	4.1	5.6		5.5	Apr-12
eV EAFE All Cap Equity Net Rank	99	94	92	89	19	10		12	Apr-12
HGK Int'l Equity	1.2	11.0	11.8	11.0	6.2	7.8	126,599,635	8.6	Feb-12
MSCI EAFE	3.0	11.7	18.8	8.9	4.4	5.4		6.1	Feb-12
MSCI ACWI ex USA Value	3.0	8.3	12.2	10.4	2.7	3.7		3.9	Feb-12
eV EAFE All Cap Equity Net Rank	93	52	90	15	13	3		8	Feb-12
SSGA MSCI Emerging Markets Index	1.0	5.1	1.8	2.2	0.9	2.9	70,484,309	6.2	Nov-08
MSCI Emerging Markets	0.9	4.9	1.7	2.3	0.9	3.0		6.4	Nov-08
eV Emg Mkts Equity Net Rank	73	77	80	67	71	72		76	Nov-08



Performance Summary (Net)

	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Market Value	Inception	Inception Date
Real Assets Composite	-0.7	-2.4	-4.7	6.1	4.9	6.6	546,343,653	7.4	Apr-93
Real Assets Policy Index	-1.3	-3.0	-3.8	9.0	6.7	8.4		7.6	Apr-93
Forest Investment Associates	0.6	2.2	8.4	8.1	4.3	5.2	144,492,290	4.3	Mar-99
NCREIF Timberland Property Index	1.7	3.5	11.1	8.7	5.8	5.9		6.3	Mar-99
PRISA LP	-2.1	-3.9	-9.6	7.4	6.3	8.3	64,071,596	6.3	Jan-86
NFI-ODCE	-2.8	-6.1	-10.7	7.1	5.6	7.8		6.2	Jan-86
InvMetrics Public DB Real Estate Priv Net Rank	36	21	34	41	29	23			Jan-86
PRISA II	-2.4	-4.7	-10.0	7.7	6.2	9.0	129,354,805	4.3	Jul-07
NFI-ODCE	-2.8	-6.1	-10.7	7.1	5.6	7.8		4.9	Jul-07
InvMetrics Public DB Real Estate Priv Net Rank	52	26	35	26	30	5		53	Jul-07
PennMuni-Nuveen U.S. Real Estate Fund	0.0	-3.5	-7.9	3.8	4.9	7.0	206,985,070	5.5	Dec-08
NFI-ODCE	-2.8	-6.1	-10.7	7.1	5.6	7.8		5.8	Dec-08
InvMetrics Public DB Real Estate Priv Net Rank	10	17	26	98	73	70		56	Dec-08
N. Front Street (Nuveen)	0.0	0.8	-23.1	-11.7	-7.7		1,439,892	-8.2	Sep-16
Consumer Price Index	1.1	2.8	3.0	5.8	3.9			3.5	Sep-16
Total Fixed Income Composite	-0.3	2.7	-0.4	-4.0	0.8	1.5	846,708,989	5.6	Jan-86
Bloomberg US Aggregate TR	-0.8	2.1	-0.9	-4.0	0.8	1.5		5.6	Jan-86
InvMetrics Public DB US Fix Inc Net Rank	27	34	76	95	84	57			Jan-86
SSGA US Aggregate Bond Index	-0.8	2.3	-0.9	-4.0	0.8	1.5	340,336,891	4.3	Apr-97
Bloomberg US Aggregate TR	-0.8	2.1	-0.9	-4.0	0.8	1.5		4.2	Apr-97
eV US Core Fixed Inc Net Rank	69	51	75	81	78	79		74	Apr-97
Federated Hermes Core Aggregate Strategy	-1.0	1.7	-1.4				342,340,974	-1.4	Jul-22
Bloomberg US Aggregate TR	-0.8	2.1	-0.9					-0.9	Jul-22
eV US Core Fixed Inc Net Rank	88	96	87					87	Jul-22
Ares Global Multi-Asset Credit	2.5	6.0					- 164,031,124		Dec-22
50% Bloomberg HY / 50% CSFB Lev Loans	2.4	5.9						5.9	Dec-22
eV US High Yield Fixed Inc Net Rank	9	9						9	Dec-22
Cash Composite							21,297,581		

^{*}PennMuni and N. Front St. values as of 3/31, adjusted for contributions/distributions where relevant.



Investment Manager Status

As of June 30, 2023

Investment Manager	Asset Class	Status	Reason
MFS Large Cap Value	US Stock Large Cap Value	In Compliance	
Xponance S&P 500	US Stock Large Cap Core	In Compliance	
Northern Trust S&P 500	US Stock Large Cap Core	In Compliance	
Polen Focus Growth	US Stock Large Cap Growth	In Compliance	
Northern Trust Dow Jones Completion Index	US Stock SMID Cap Core	In Compliance	
Smith, Graham & Co Small Cap Value	US Stock Small Cap Value	Alert	Organizational Issues
Copeland Small Cap Dividend Growth	US Stock Small Cap Core	In Compliance	
Emerald Small Cap Growth	US Stock Small Cap Growth	In Compliance	
Rhumbline Global Min. Volatility	Global Stock Low Volatility	In Compliance	
SSGA MSCI World ex US	Non-US Stock All Cap Core	In Compliance	
Hardman Johnston Int'l Equity	Non-US Stock All Cap Core	In Compliance	
HGK Int'l Equity	Non-US Stock All Cap Core	In Compliance	
SSGA MSCI Emerging Markets Index	Non-US Stock Emerging	In Compliance	
Forest Investment Associates	Real Assets - Timberland	In Compliance	
PRISA LP	Real Estate	In Compliance	
PRISA II	Real Estate	In Compliance	
PennMuni-Nuveen U.S. Real Estate Fund	Real Estate	In Compliance	
N. Front Street (Nuveen)	Real Estate	In Compliance	
SSGA US Aggregate Bond Index	US Fixed Income Core	In Compliance	
Federated Hermes Core Aggregate Strategy	US Fixed Income Core	In Compliance	
Ares Global Multi-Asset Credit Fund	Opportunistic Credit	In Compliance	

Investment Manager Evaluation Terminology

The following terminology has been developed by Marquette Associates to facilitate efficient communication between the investment program's responsible parties.

Each term signifies a particular status with the investment program.

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.



Policy Index History

As of June 30, 2023

Policy Index History

Total Fund Compo	osite	
12/1/2022	Present	32.5% Russell 3000 / 5% Global Equity Policy Index / 17.5% MSCI ACWI ex USA IMI / 15% Real Assets Policy Index / 29% Bloomberg US Aggregate TR / 1% 91 Day T-Bills
1/1/2022	11/30/2022	32.5% Russell 3000 / 10% Global Equity Policy Index / 17.5% MSCI ACWI ex USA IMI / 15% Real Assets Policy Index / 24% Bloomberg US Aggregate TR / 1% 91 Day T-Bills
10/1/2020	12/31/2021	25% S&P 500 / 15% Russell 2000 / 15% MSCI EAFE / 10% MSCI Emerging Markets / 20% NFI-ODCE / 15% Bloomberg US Aggregate TR
Total Equity Co	mposite	
10/1/2020	Present	MSCI ACWI IMI Net USD
U.S. Equity C	Composite	
1/1/2006	Present	Russell 3000
Large Cap	U.S. Equity Con	nposite
1/1/1986	Present	S&P 500
SMID Cap	U.S. Equity Con	nposite
1/1/1993	Present	Russell 2000
Global Equity	Composite	
12/1/2022	Present	100% MSCI ACWI Minimum Volatility Index
1/1/2022	11/30/2022	50% MSCI ACWI / 50% MSCI ACWI Minimum Volatility Index
Non-U.S Equ	ity Composite	
5/31/2012	Present	MSCI ACWI ex USA IMI
Developed	Non-U.S. Equity	y Composite
1/1/1993	Present	MSCI EAFE
Emerging I	Markets Compos	site State of the
1/1/2009	Present	MSCI Emerging Markets
Real Assets Co	mposite	
7/1/2023	Present	0.00
1/1/2022	6/30/2023	66.67% NFI-ODCE / 33.33% NCREIF Timberland Property Index
4/1/1993	12/31/2021	100% NFI-ODCE
Total Fixed Inco	ome Composite	
1/31/1986	Present	Bloomberg US Aggregate TR
Cash Composit	е	
	Present	91 Day T-Bills

Fee Summary

Account	Fee Schedule	% of Portfolio	Estimated Annual Fee (\$)	Estimated Annual Fee (%)
MFS Large Cap Value	0.35% of First 100.0 Mil, 0.33% Thereafter	4.8%	\$514,704	0.34%
Xponance S&P 500	0.02% of Assets	8.7%	\$54,681	0.02%
Northern Trust S&P 500	0.00% of Assets	8.8%	\$11,117	0.00%
Polen Focus Growth	0.50% of First 100.0 Mil, 0.40% Thereafter	3.4%	\$522,988	0.49%
Northern Trust Dow Jones Completion Index	0.02% of Assets	3.2%	\$15,204	0.02%
Copeland SMID Cap Dividend Growth	0.50% of Assets	1.7%	\$266,314	0.50%
Smith, Graham & Co Small Cap Value	0.75% of First 50.0 Mil, 0.60% Thereafter	1.4%	\$332,717	0.75%
Emerald Small Cap Growth	0.60% of First 10.0 Mil, 0.55% of Next 5.0 Mil, 0.50% Thereafter	1.3%	\$222,759	0.53%
Rhumbline Global Min. Volatility	0.07% of Assets	4.9%	\$99,819	0.06%
SSGA MSCI World ex US	0.04% of Assets	8.3%	\$104,402	0.04%
Hardman Johnston Int'l Equity	0.75% of First 25.0 Mil, 0.60% Thereafter	3.2%	\$646,781	0.64%
HGK Int'l Equity	0.65% of Assets	4.0%	\$822,898	0.65%
SSGA MSCI Emerging Markets Index	0.05% of Assets	2.2%	\$35,242	0.05%
Forest Investment Associates	0.75% of Assets	4.6%	\$1,083,692	0.75%
PRISA LP	1.00% of First 25.0 Mil, 0.95% of Next 25.0 Mil, 0.85% of Next 50.0 Mil, 0.75% of Next 100.0 Mil, 0.70% of Next 100.0 Mil, 0.65% Thereafter	2.0%	\$607,109	0.95%

Fee Summary

Account	Fee Schedule	% of Portfolio	Estimated Annual Fee (\$)	Estimated Annual Fee (%)
PRISA II	1.20% of First 25.0 Mil, 1.15% of Next 25.0 Mil, 1.05% of Next 50.0 Mil, 0.95% of Next 100.0 Mil, 0.90% of Next 100.0 Mil, 0.85% Thereafter	4.1%	\$1,391,371	1.08%
PennMuni-Nuveen U.S. Real Estate Fund	0.85% of Assets	6.6%	\$1,759,373	0.85%
N. Front Street (Nuveen)	0.85% of Assets	0.0%	\$12,239	0.85%
SSGA US Aggregate Bond Index	0.02% of First 100.0 Mil, 0.01% of Next 300.0 Mil, 0.01% Thereafter	10.8%	\$44,034	0.01%
Federated Hermes Core Aggregate Strategy	0.12% of First 100.0 Mil, 0.10% of Next 400.0 Mil, 0.07% Thereafter	10.9%	\$362,341	0.11%
Ares Global Multi-Asset Credit	0.35% of Assets	5.2%	\$574,109	0.35%
Investment Management Fee		100.0%	\$9,483,892	0.30%

Total Equity Composite

As of June 30, 2023

Characteristics

	Portfolio	MSCI ACWI IMI Net USD
Number of Holdings	6,356	9,172
Weighted Avg. Market Cap. (\$B)	301.4	395.6
Median Market Cap. (\$B)	5.1	2.0
Price To Earnings	19.2	18.1
Price To Book	3.4	3.3
Price To Sales	1.8	1.7
Return on Equity (%)	17.7	18.4
Yield (%)	2.0	2.2

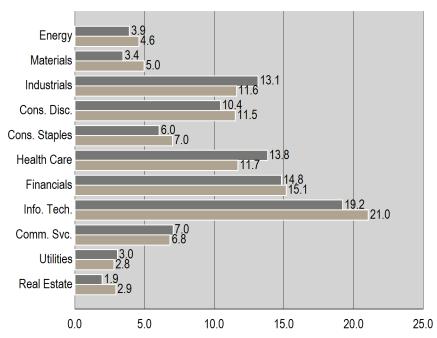
Top Holdings

MICROSOFT CORP	2.6%
APPLE INC	2.5%
AMAZON.COM INC	1.5%
ISHARES MSCI EMERGING MARKETS MIN VOL FACTOR ETF	1.1%
NVIDIA CORPORATION	0.9%
ALPHABET INC	0.8%
JOHNSON & JOHNSON	0.8%
ALPHABET INC	0.7%
JPMORGAN CHASE & CO	0.7%
VISA INC	0.7%
Total	12.3%

Market Capitalization

	Small Cap	Mid Cap	Large Cap	Unclassified
Total Equity Composite	13.8%	15.8%	65.7%	4.7%
MSCI ACWI IMI Net USD	15.6%	15.2%	69.2%	0.0%
Weight Over/Under	-1.8%	0.5%	-3.5%	4.7%

Sector Allocation (%) vs MSCI ACWI IMI Net USD



Region Allocation Summary

Region	% of Total	% of Bench	% Diff
North America ex U.S.	3.1%	2.9%	0.2%
United States	63.6%	60.9%	2.7%
Europe Ex U.K.	14.8%	12.4%	2.5%
United Kingdom	4.0%	3.7%	0.2%
Pacific Basin Ex Japan	2.9%	3.0%	-0.1%
Japan	5.4%	6.0%	-0.6%
Emerging Markets	5.6%	10.7%	-5.1%
Other	0.6%	0.3%	0.3%
Total	100.0%	100.0%	0.0%

U.S. Equity Composite

As of June 30, 2023

Characteristics

	Portfolio	Russell 3000
Number of Holdings	3,969	3,010
Weighted Avg. Market Cap. (\$B)	437.9	591.9
Median Market Cap. (\$B)	2.2	2.4
Price To Earnings	21.6	22.6
Price To Book	4.0	4.2
Price To Sales	2.1	2.4
Return on Equity (%)	20.5	22.3
Yield (%)	1.6	1.5

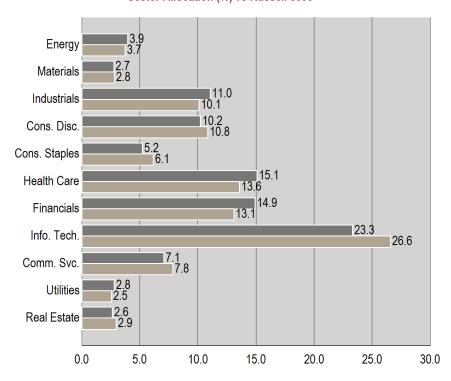
Top Holdings

MICROSOFT CORP	4.3%
APPLE INC	4.1%
AMAZON.COM INC	2.4%
NVIDIA CORPORATION	1.5%
ALPHABET INC	1.4%
ALPHABET INC	1.2%
JPMORGAN CHASE & CO	1.2%
VISA INC	1.1%
JOHNSON & JOHNSON	1.0%
MASTERCARD INC	1.0%
Total	19.1%

Market Capitalization

	Small Cap	Mid Cap	Large Cap	Unclassified
U.S. Equity Composite	8.9%	20.8%	67.0%	3.2%
Russell 3000	5.8%	21.0%	73.2%	0.0%
Weight Over/Under	3.1%	-0.2%	-6.1%	3.2%

Sector Allocation (%) vs Russell 3000





Common Holdings Matrix

	MEO.	", S Large Cap Value	É	runance S&P 500	No.	Junem Trust S&P 500	700	Vien Focus Growth	No.	Tust Dow Jones	Co	-yeland SMID Cap Diving	Smir.	''''n, Graham & Co Sma'''	en Cap Value	"retald Small Cap Growth
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
MFS Large Cap Value			67	17	67	17	3	11	1	1	0	0	0	0	0	0
Xponance S&P 500	67	93			500	100	21	90	2	0	9	13	0	0	0	0
Northern Trust S&P 500	67	93	500	99			21	90	5	0	9	13	0	0	0	0
Polen Focus Growth	3	5	21	21	21	21			3	2	0	0	0	0	0	0
Northern Trust Dow Jones Completion Index	1	1	2	0	5	0	3	8			57	82	63	97	104	94
Copeland SMID Cap Dividend Growth	0	0	9	0	9	0	0	0	57	5			1	2	5	5
Smith, Graham & Co Small Cap Value	0	0	0	0	0	0	0	0	63	2	1	2			0	0
Emerald Small Cap Growth	0	0	0	0	0	0	0	0	104	5	5	8	0	0		

Global Equity Composite

As of June 30, 2023

Characteristics

	Portfolio	MSCI ACWI IMI Net USD
Number of Holdings	276	9,172
Weighted Avg. Market Cap. (\$B)	100.0	395.6
Median Market Cap. (\$B)	22.0	2.0
Price To Earnings	18.8	18.1
Price To Book	3.4	3.3
Price To Sales	1.3	1.7
Return on Equity (%)	19.9	18.4
Yield (%)	2.4	2.2

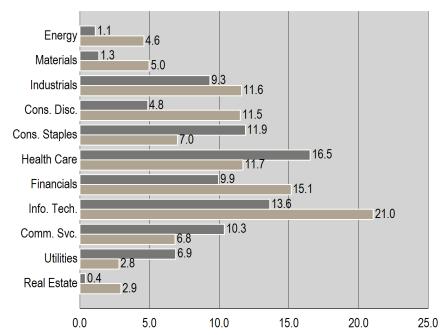
Top Holdings

rop notdings	
ISHARES MSCI EMERGING MARKETS MIN VOL FACTOR ETF	12.3%
WASTE MANAGEMENT INC.	1.6%
MERCK & CO INC	1.6%
JOHNSON & JOHNSON	1.5%
PEPSICO INC	1.4%
MOTOROLA SOLUTIONS INC	1.3%
WALMART INC	1.2%
ELI LILLY AND CO	1.2%
MCDONALD'S CORP	1.2%
CISCO SYSTEMS INC	1.2%
Total	24.6%

Market Capitalization

	Small Cap	Mid Cap	Large Cap	Unclassified
Global Equity Composite	17.8%	21.1%	60.3%	0.8%
MSCI ACWI IMI Net USD	15.6%	15.2%	69.2%	0.0%
Weight Over/Under	2.2%	5.9%	-8.9%	0.8%

Sector Allocation (%) vs MSCI ACWI IMI Net USD



Region Allocation Summary

Dagion	% of	% of	
Region	Total	Bench	% Diff
North America ex U.S.	2.0%	2.9%	-1.0%
United States	68.8%	60.9%	7.8%
Europe Ex U.K.	6.0%	12.4%	-6.3%
United Kingdom	0.4%	3.7%	-3.4%
Pacific Basin Ex Japan	3.6%	3.0%	0.6%
Japan	10.3%	6.0%	4.3%
Emerging Markets	8.1%	10.7%	-2.6%
Other	0.9%	0.3%	0.5%
Total	100.0%	100.0%	0.0%

Non-U.S Equity Composite

As of June 30, 2023

Characteristics

	Portfolio	MSCI ACWI ex
	TOTTONO	USA IMI
Number of Holdings	2,379	6,702
Weighted Avg. Market Cap. (\$B)	85.8	78.8
Median Market Cap. (\$B)	7.9	1.6
Price To Earnings	15.4	13.7
Price To Book	2.6	2.4
Price To Sales	1.4	1.1
Return on Equity (%)	14.2	14.1
Yield (%)	2.7	3.3

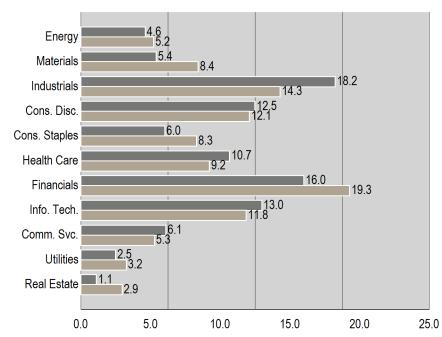
Top Holdings

1 op Holdings	
ASML HOLDING NV	2.0%
TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD	1.9%
RHEINMETALL	1.9%
AIA GROUP LTD	1.7%
ASTRAZENECA PLC	1.5%
AIRBUS SE	1.3%
KEYENCE CORP	1.2%
SANOFI	1.2%
BAE SYSTEMS PLC	1.2%
LVMH MOET HENNESSY LOUIS VUITTON SE	1.2%
Total	15.0%

Market Capitalization

	Small Cap	Mid Cap	Large Cap	Unclassified
Non-U.S Equity Composite	9.4%	26.1%	55.7%	8.7%
MSCI ACWI ex USA IMI	25.2%	22.0%	52.8%	0.0%
Weight Over/Under	-15.8%	4.2%	2.9%	8.7%

Sector Allocation (%) vs MSCI ACWI ex USA IMI



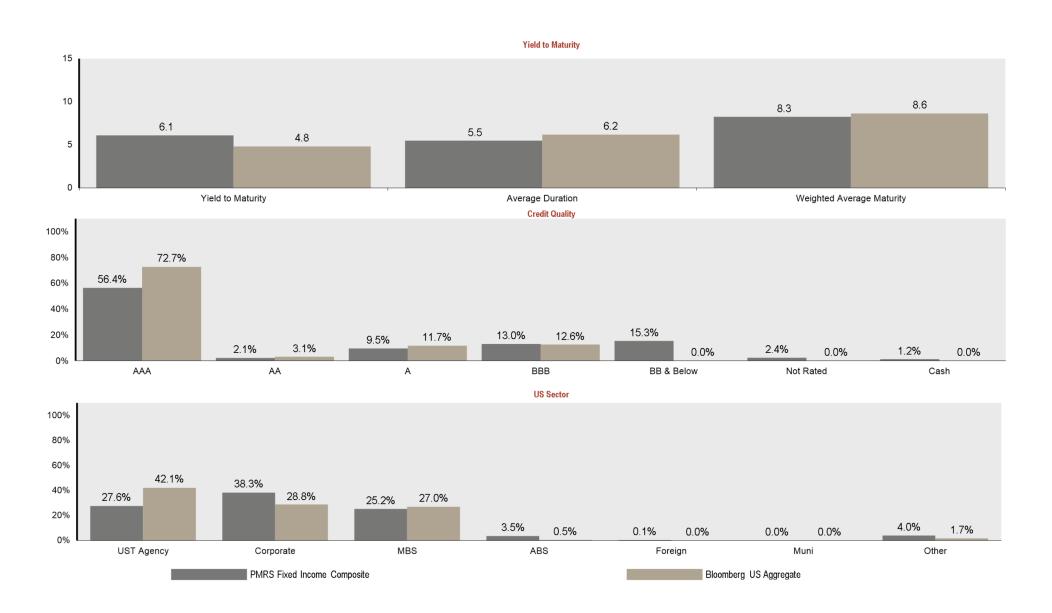
Region Allocation Summary

Region	% of Total	% of Bench	% Diff
North America ex U.S.	9.1%	7.5%	1.6%
United States	0.6%	0.0%	0.6%
Europe Ex U.K.	40.0%	31.7%	8.4%
United Kingdom	10.3%	9.6%	0.8%
Pacific Basin Ex Japan	8.2%	7.7%	0.5%
Japan	14.6%	15.3%	-0.7%
Emerging Markets	16.0%	27.4%	-11.4%
Other	1.2%	0.8%	0.3%
Total	100.0%	100.0%	0.0%

Common Holdings Matrix

	S	SCI World ex US	Hand	'a'aman Johnston Int'i Equity	Hou	od Intl Equity	S	CSA MSCI Emelging Markets Index
	#	%	#	%	#	%	#	%
SSGA MSCI World ex US		-	15	61	27	80	0	0
Hardman Johnston Int'l Equity	15	7			3	8	5	9
HGK Int'l Equity	27	6	3	14			3	1
SSGA MSCI Emerging Markets Index	0	0	5	15	3	7		

Fixed Income Composite



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Investment Managers



MFS Large Cap Value

As of June 30, 2023

Manager Summary: Active strategy holding diversified portfolio of 70-80 stocks. Stock selection focuses on bottom-up company analysis seeking to identify high quality undervalued stocks that have durable franchises, significant free cash flow, solid balance sheets and strong management teams.

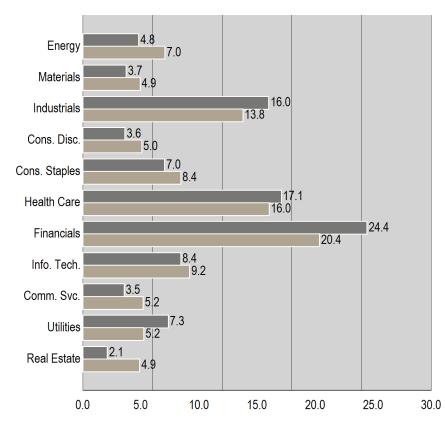
Characteristics

Ondracteristics		
	Portfolio	Russell 1000 Value
Number of Holdings	75	844
Weighted Avg. Market Cap. (\$B)	127.2	140.0
Median Market Cap. (\$B)	70.5	12.6
Price To Earnings	18.2	17.0
Price To Book	3.1	2.5
Price To Sales	2.1	1.8
Return on Equity (%)	25.6	16.0
Yield (%)	2.5	2.4
Top Holdings		
JPMORGAN CHASE & CO		4.1%
JOHNSON & JOHNSON		2.9%
THE CIGNA GROUP		2.7%
AON PLC		2.7%
MARSH & MCLENNAN COMPANIES INC		2.6%
COMCAST CORP		2.6%
CONOCOPHILLIPS		2.5%
TEXAS INSTRUMENTS INC		2.5%
PROGRESSIVE CORP (THE)		2.3%
NORTHROP GRUMMAN CORP		2.3%
Total		27.2%

Market Capitalization

Small Cap	Mid Cap	Large Cap
0.0%	6.5%	93.5%
2.3%	31.5%	66.3%
-2.3%	-25.0%	27.2%
	Small Cap 0.0% 2.3%	Small Mid Cap Cap 0.0% 6.5% 2.3% 31.5%

Sector Allocation (%) vs Russell 1000 Value



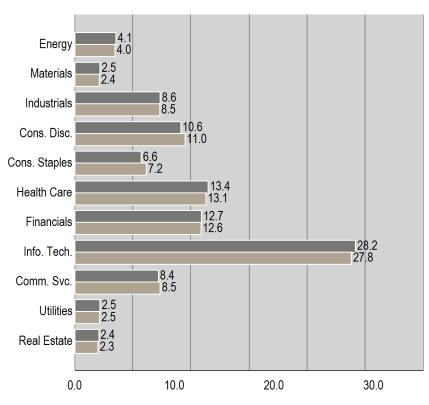
Manager Summary: Passive strategy that seeks to replicate the return of the Standard & Poor's 500 index. This strategy is a low-cost option to gain diversified exposure to U.S. domiciled companies by owning the 500 largest companies by market capitalization in the U.S.

Characteristics Portfolio S&P 500 Number of Holdings 505 503 Weighted Avg. Market Cap. (\$B) 674.4 676.7 Median Market Cap. (\$B) 31.2 31.1 Price To Earnings 23.8 24.1 Price To Book 4.5 4.5 Price To Sales 2.7 2.7 30.6 Return on Equity (%) 30.6 Yield (%) 1.6 1.5

Top Holdings APPLE INC 7.7% 6.8% MICROSOFT CORP AMAZON.COM INC 3.1% **NVIDIA CORPORATION** 2.8% ALPHABET INC 1.9% **TESLA INC** 1.9% META PLATFORMS INC 1.7% **ALPHABET INC** 1.7% BERKSHIRE HATHAWAY INC 1.6% 1.2% UNITEDHEALTH GROUP INC Total 30.4%

Market Capitalization Small Mid Large Cap Cap Cap Xponance S&P 500 0.0% 15.0% 85.0% S&P 500 14.8% 85.0% 0.2% Weight Over/Under -0.2% 0.2% 0.0%

Sector Allocation (%) vs S&P 500



Manager Summary: Passive strategy that seeks to replicate the return of the Standard & Poor's 500 index. This strategy is a low-cost option to gain diversified exposure to U.S. domiciled companies by owning the 500 largest companies by market capitalization in the U.S.

Characteristics

	Portfolio	S&P 500
Number of Holdings	503	503
Weighted Avg. Market Cap. (\$B)	675.0	676.7
Median Market Cap. (\$B)	30.6	31.1
Price To Earnings	23.7	24.1
Price To Book	4.5	4.5
Price To Sales	2.7	2.7
Return on Equity (%)	30.6	30.6
Yield (%)	1.6	1.5

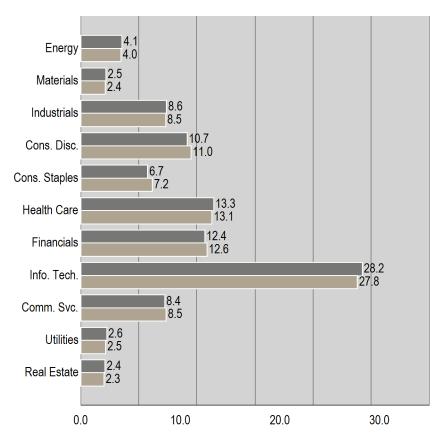
Top Holdings

APPLE INC	7.7%
MICROSOFT CORP	6.8%
AMAZON.COM INC	3.1%
NVIDIA CORPORATION	2.8%
ALPHABET INC	1.9%
TESLA INC	1.9%
META PLATFORMS INC	1.7%
ALPHABET INC	1.7%
BERKSHIRE HATHAWAY INC	1.6%
UNITEDHEALTH GROUP INC	1.2%
Total	30.5%

Market Capitalization

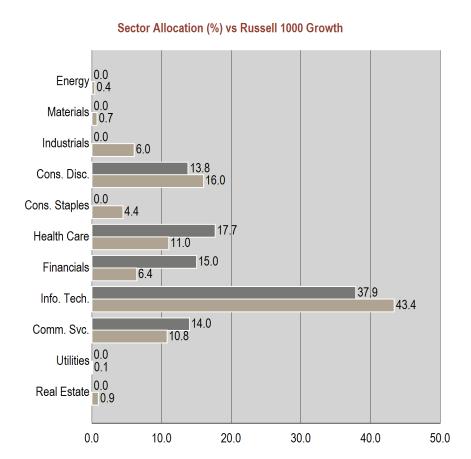
	Small Cap	Mid Cap	Large Cap
Northern Trust S&P 500	0.0%	15.0%	85.0%
S&P 500	0.2%	14.8%	85.0%
Weight Over/Under	-0.2%	0.3%	-0.1%

Sector Allocation (%) vs S&P 500



Manager Summary: Concentrated U.S. large cap growth portfolio with 20-30 names. Investment process begins with negative screening, only including names with robust financials, strong management and attractive earnings growth potential. Then team of generalists perform bottom-up fundamental analysis reviewing industry dynamics, competitive advantage, free cash flow modeling, meet with mgmt. and perform worst case scenarios. High active share. Position limit: 50% limit on sector exposure. Low portfolio turnover (30%).

Characteristics Russell 1000 Portfolio Growth Number of Holdings 25 444 Weighted Avg. Market Cap. (\$B) 534.4 1.053.9 Median Market Cap. (\$B) 195.8 17.9 Price To Earnings 43.3 35.1 Price To Book 8.3 11.3 Price To Sales 5.6 4.5 Return on Equity (%) 34.0 51.5 Yield (%) 0.4 8.0 **Top Holdings** AMAZON.COM INC 7.5% **NETFLIX INC** 7.4% SERVICENOW INC 6.9% 6.9% MICROSOFT CORP ADOBE INC 6.2% MASTERCARD INC 5.5% SALESFORCE INC 5.2% **VISA INC** 5.2% ALPHABET INC 5.1% 4.6% PAYPAL HOLDINGS INC Total 60.3% **Market Capitalization** Small Mid Large Cap Cap Cap Polen Focus Growth 0.0% 8.1% 91.9% Russell 1000 Growth 1.4% 11.2% 87.3% Weight Over/Under -1.4% -3.1% 4.6%



Northern Trust Dow Jones Completion Index

As of June 30, 2023

Manager Summary: The fund employs a replication technique in order to approximate the risk and return characteristics of the Dow Jones U.S. Completion Total Stock Market Index. This Index is commonly used to represent the small and mid cap segments of the U.S. equity market. The 'completion' index is a sub-set of the DJ US Total Stock Market Index that excludes components of the S&P500.

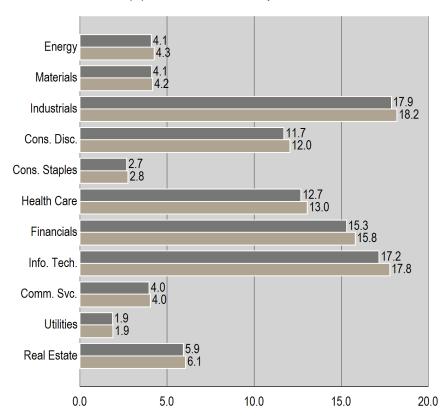
Characteristics

	Portfolio	Dow Jones U.S. Completion Total Stock Market
Number of Holdings	3,438	3,686
Weighted Avg. Market Cap. (\$B)	11.8	11.8
Median Market Cap. (\$B)	0.7	0.6
Price To Earnings	15.3	15.3
Price To Book	3.0	3.0
Price To Sales	1.4	1.4
Return on Equity (%)	2.9	2.9
Yield (%)	1.4	1.4
Top Holdings		
UBER TECHNOLOGIES INC		1.4%
BLACKSTONE INC		1.0%
AIRBNB INC		0.8%
MARVELL TECHNOLOGY INC		0.8%
SNOWFLAKE INC		0.8%
WORKDAY INC		0.7%
LULULEMON ATHLETICA INC		0.7%
CHENIERE ENERGY INC.		0.6%
BLOCK INC		0.6%
TRADE DESK INC (THE)		0.5%
Total		8.0%

Market Capitalization

·	Small Cap	Mid Cap	Large Cap
Northern Trust Dow Jones Completion Index	29.6%	63.4%	7.0%
Dow Jones U.S. Completion Total Stock Market	37.3%	56.5%	6.2%
Weight Over/Under	-7.6%	6.9%	0.8%

Sector Allocation (%) vs Dow Jones U.S. Completion Total Stock Market



Smith, Graham & Co Small Cap Value

As of June 30, 2023

Manager Summary: Minority-owned investment management firm with fundamental bottom-up process. Stocks are first screened based on earnings, book value, and cash flow criteria with fundamental analysis performed on the top 20% within each respective sector. Sell candidates are companies that have dropped to the bottom 40% of their screen. The strategy holds 50-75 positions and is typically within plus/minus 5% of index sector weightings.

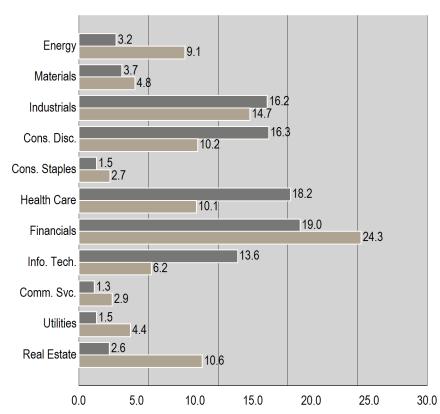
Characteristics

	Portfolio	Russell 2000 Value
Number of Holdings	67	1,458
Weighted Avg. Market Cap. (\$B)	2.9	2.4
Median Market Cap. (\$B)	1.5	0.8
Price To Earnings	11.3	9.9
Price To Book	1.9	1.6
Price To Sales	0.5	0.9
Return on Equity (%)	10.6	6.6
Yield (%)	1.5	2.6
Top Holdings		
DECKERS OUTDOOR CORP		3.0%
GROUP 1 AUTOMOTIVE INC.		3.0%
DYCOM INDUSTRIES INC.		3.0%
SELECT MEDICAL HOLDINGS CORP		2.7%
LITHIA MOTORS INC.		2.6%
ULTRA CLEAN HOLDINGS INC		2.5%
SELECTIVE INSURANCE GROUP INC		2.4%
GRIFFON CORP.		2.2%
M.D.C. HOLDINGS INC.		2.1%
KOPPERS HOLDINGS INC		2.1%
Total		25.5%

Market Capitalization

	Small Cap	Mid Cap	Large Cap
Smith, Graham & Co Small Cap Value	74.8%	25.2%	0.0%
Russell 2000 Value	84.0%	16.0%	0.0%
Weight Over/Under	-9.2%	9.2%	0.0%

Sector Allocation (%) vs Russell 2000 Value



Copeland SMID Cap Dividend Growth

As of June 30, 2023

Manager Summary: A bottom-up fundamental manager who views dividend growth as a litmus test for earnings quality and focuses on attributes such as dividend coverage, cash flow strength, earnings growth, and return on capital. Fundamental research is focused on identifying companies with strong competitive positions that support steadily rising dividends. Strategy invests in larger, more established small cap firms while tending to underweight the lower market cap ranges. The strategy seeks sector diversification with 45-60 holdings.

Characteristics

	Portfolio	Russell 2500
Number of Holdings	69	2,503
Weighted Avg. Market Cap. (\$B)	7.4	6.5
Median Market Cap. (\$B)	5.7	1.5
Price To Earnings	19.8	14.7
Price To Book	3.4	2.7
Price To Sales	1.9	1.3
Return on Equity (%)	19.6	9.3
Yield (%)	1.9	1.7

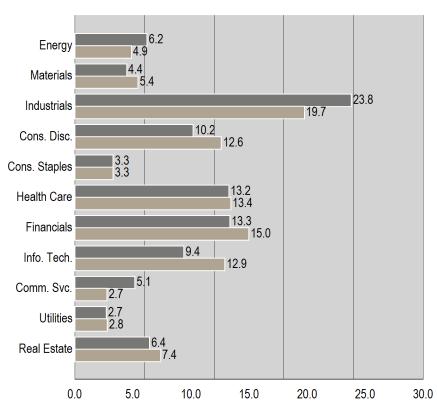
Top Holdings

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RELIANCE STEEL & ALUMINUM CO	2.0%
ENSIGN GROUP INC (THE)	1.9%
US PHYSICAL THERAPY INC	1.9%
CHURCHILL DOWNS INC	1.8%
LEMAITRE VASCULAR INC	1.8%
GFL ENVIRONMENTAL INC	1.8%
NORTHERN OIL AND GAS INC	1.8%
STERIS PLC	1.8%
ENCOMPASS HEALTH CORP	1.8%
WINGSTOP INC	1.7%
Total	18.5%

Market Capitalization

·	Small Cap	Mid Cap	Large Cap
Copeland SMID Cap Dividend Growth	28.2%	71.8%	0.0%
Russell 2500	37.8%	62.2%	0.0%
Weight Over/Under	-9.5%	9.5%	0.0%

Sector Allocation (%) vs Russell 2500



Emerald Small Cap Growth

As of June 30, 2023

Manager Summary: Core growth strategy, fundamental, bottom-up process seeking companies with a competitive advantage, market leadership, growth rates exceeding peers, differentiated growth drivers, and low research coverage. Analysts work across the market cap spectrum supporting small, mid, and all-cap strategies with coverage of dynamic sectors. The strategy holds 110-125 companies and portfolio construction limits of no more than 15% in any one industry group.

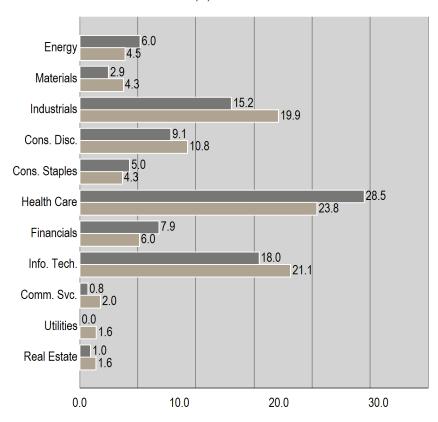
Characteristics

		Portfolio	Russell 2000 Growth
Number of Holdings		113	1,089
Weighted Avg. Market Cap. (\$B)		3.9	3.4
Median Market Cap. (\$B)		2.9	1.3
Price To Earnings		24.4	21.6
Price To Book		4.3	4.0
Price To Sales		2.7	1.8
Return on Equity (%)		-8.1	-1.5
Yield (%)		0.5	0.7
То	Holdings		
SUPER MICRO COMPUTER INC			2.3%
CHURCHILL DOWNS INC			2.0%
CHART INDUSTRIES INC			1.8%
CARPENTER TECHNOLOGY CORP			1.8%
SIMPLY GOOD FOODS CO (THE)			1.7%
ACADIA PHARMACEUTICALS INC			1.7%
TRANSMEDICS GROUP INC			1.7%
TREACE MEDICAL CONCEPTS INC			1.6%
FRESHPET INC			1.5%
SHIFT4 PAYMENTS INC			1.5%
Total			17.7%

Market Capitalization

	Small Cap	Mid Cap	Large Cap
Emerald Small Cap Growth	58.4%	41.6%	0.0%
Russell 2000 Growth	64.8%	35.2%	0.0%
Weight Over/Under	-6.4%	6.4%	0.0%

Sector Allocation (%) vs Russell 2000 Growth



Rhumbline Global Min. Volatility

As of June 30, 2023

22.1

25.0

% Diff

-0.9%

6.7%

-6.5%

-3.3%

0.8%

4.8%

-2.3%

0.6%

0.0%

20.0

% of

2.9%

62.1%

12.5%

3.6%

2.8%

5.5%

10.4%

0.2%

100.0%

100.0%

Bench

Manager Summary: The fund invests primarily in U.S. and foreign stocks that are expected to minimize volatility relative to the global equity market. To reduce volatility, the fund will consider stocks' risk and diversification characteristics and seek to hedge away most of the currency exposure resulting from its foreign stock holdings.

Total

Characteristics Sector Allocation (%) vs MSCI ACWI Portfolio MSCI ACWI Number of Holdings 2,933 276 Energy 1.1 Weighted Avg. Market Cap. (\$B) 100.0 441.8 4.6 Materials 1.3 Median Market Cap. (\$B) 22.0 12.4 4.6 Price To Earnings 18.8 18.8 9.3 Industrials 10.6 3.5 Price To Book 3.4 **4.8** Cons. Disc. 11.3 Price To Sales 1.3 1.8 **11.9** Cons. Staples 7.3 19.9 20.7 Return on Equity (%) **16.5** Health Care Yield (%) 2.4 2.2 11.8 Financials 15.4 **13.6** Info Tech **Top Holdings** 10.3 Comm. Svc. ISHARES MSCI EMERGING MARKETS MIN VOL FACTOR ETF 12.3% 7.3 6.9 Utilities 1.6% WASTE MANAGEMENT INC. 2.8 Real Estate ■0.4 MERCK & CO INC 1.6% 2.3 1.5% **JOHNSON & JOHNSON** PEPSICO INC 1.4% 5.0 0.0 10.0 15.0 MOTOROLA SOLUTIONS INC 1.3% WALMART INC 1.2% **Region Allocation Summary** ELI LILLY AND CO 1.2% % of MCDONALD'S CORP 1.2% Region Total CISCO SYSTEMS INC 1.2% North America ex U.S. 2.0% 24.6% Total **United States** 68.8% **Market Capitalization** Europe Ex U.K. 6.0% Small Mid Large United Kingdom 0.4% Unclassified Cap Cap Cap Pacific Basin Ex Japan 3.6% Rhumbline Global Min. Volatility 17.8% 21.1% 60.3% 0.8% Japan 10.3% MSCI ACWI 5.9% 16.3% 77.8% 0.0% **Emerging Markets** 8.1% -17.5% Weight Over/Under 11.9% 4.8% 0.8% Other 0.9%

SSGA MSCI World ex US

As of June 30, 2023

Manager Summary: Passive strategy that seeks to replicate the returns of the MSCI ACWI ex US index. This strategy is a low-cost option to gain diversified exposure to internationally based companies.

Characteristics Sector Allocation (%) vs MSCI World ex USA MSCI World ex Portfolio USA 6.3 Energy Number of Holdings 885 1.003 ■ 7.7 7.8 Weighted Avg. Market Cap. (\$B) 80.9 83.1 Materials 14.9 Median Market Cap. (\$B) 10.8 12.9 Industrials 10.1 Price To Earnings 14.4 14.7 Cons Disc 2.4 Price To Book 2.3 8.7 9.5 Cons. Staples Price To Sales 1.2 1.2 10.5 Health Care 14.8 14.9 Return on Equity (%) 20.6 Yield (%) 3.3 Financials 3.3 **8**0 Info Tech **Top Holdings** ■3.6 3.8 Comm. Svc. NESTLE SA, CHAM UND VEVEY 1.8% 3.4 3.5 Utilities ASML HOLDING NV 1.6% NOVO NORDISK 'B' 1.4% Real Estate LVMH MOET HENNESSY LOUIS VUITTON SE 1.4% **ROYAL BANK OF CANADA** 1.3% 10.0 20.0 25.0 0.0 5.0 15.0 ASTRAZENECA PLC 1.2% **Region Allocation Summary ROCHE HOLDING AG** 1.2% **NOVARTIS AG** 1.1% % of % of 1.1% TORONTO-DOMINION BANK (THE) Region Total Bench % Diff SHELL PLC 1.1% 7.1% North America ex U.S. 17.5% 10.5% 13.1% Total **United States** 0.1% 0.0% 0.1% 45.5% **Market Capitalization** Europe Ex U.K. 44.2% -1.3% United Kingdom 9.9% 13.2% -3.2% Small Mid Large Unclassified Pacific Basin Ex Japan 9.1% -1.2% Cap Cap Cap 10.2% SSGA MSCI World ex US 6.8% 23.6% 62.0% 7.6% 18.5% 20.1% -1.5% Japan MSCI World ex USA 8.2% 24.9% 66.9% 0.0% **Emerging Markets** 0.0% 0.0% 0.0% -4.9% Weight Over/Under -1.4% -1.3% 7.6% Other 0.6% 0.6% 0.1% Total 100.0% 100.0% 0.0%

Hardman Johnston Int'l Equity

As of June 30, 2023

Manager Summary: Concentrated portfolio (20-30 names). Utilizes fundamental research invests in quality companies with 10% EPS growth and market leaders, invest at attractive valuation. Turnover is between 20-30%. Maximum position is 5%. Given the concentrated nature of the portfolio, high idiosyncratic risk in the portfolio and sizable tracking error. High active share (around 90-95%). No currency hedge.

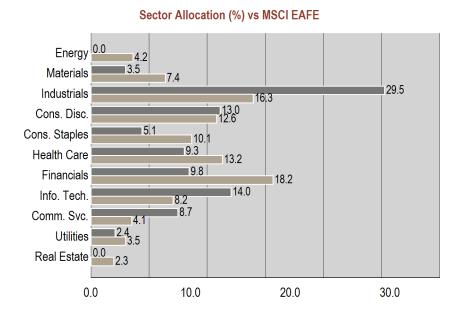
Characteristics Sector Allocation (%) vs MSCI EAFE Portfolio MSCI FAFE Number of Holdings 29 798 4.2 5.6 Energy 86.8 Weighted Avg. Market Cap. (\$B) 116.6 Materials 0.0 Median Market Cap. (\$B) 59.5 12.4 7.4 21.5 Industrials 28.5 14.8 Price To Earnings 16.3 **18.5** Price To Book 4.1 2.5 Cons Disc 12.6 Price To Sales 2.8 1.2 Cons. Staples 0.0 10.1 Return on Equity (%) 10.4 15.2 **17.7** Health Care 13.2 1.0 3.3 Yield (%) **7.8** Financials 18.2 **■19.2** Info Tech **Top Holdings** 7.0 AIRBUS SE 5.9% Comm. Svc. Utilities 0.0 5.7% TECHNIPFMC PLC 3.5 SAFRAN SA 5.7% Real Estate 0.0 TAIWAN SEMICONDUCTOR MANUFACTURING COLTD 5.5% ASTRAZENECA PLC 5.5% 0.0 5.0 10.0 15.0 20.0 25.0 **KEYENCE CORP** 5.5% **DEUTSCHE TELEKOM AG** 5.3% **Region Allocation Summary** AIA GROUP LTD 5.1% % of % of 5.0% **GENMAB A/S** Region Total % Diff Bench RHEINMETALL 4.8% Total 54.0% 0.0% North America ex U.S. 0.0% 0.0% **United States** 0.0% 0.0% 0.0% **Market Capitalization** Europe Ex U.K. 46.7% 50.8% -4.1% United Kingdom 12.9% 14.7% -1.8% Small Mid Large Unclassified Pacific Basin Ex Japan 12.6% Cap 11.4% 1.1% Cap Cap Hardman Johnston Int'l Equity 19.3% 11.8% 61.4% 7.5% 8.4% 22.4% -14.0% Japan MSCI EAFE **Emerging Markets** 0.0% 8.1% 24.8% 67.1% 0.0% 16.1% 16.1% Weight Over/Under 11.2% -13.0% -5.7% 7.5% Other 3.3% 0.6% 2.7% 100.0% Total 100.0% 0.0%

HGK Int'l Equity

As of June 30, 2023

Manager Summary: Bottom-up fundamental manager looking for businesses that are undergoing structural change. Analysts are generalists who are unconstrained in their candidates. Looking for upside over a time horizon of 2-3 years through assessing and predicting earnings estimates. Concentrated portfolio: 25-35 names equally weighted with a max of 5% initial allocation. Sector and countries limits of 30%. Turnover is roughly 30-40%.

Characteristics Portfolio MSCI FAFE 34 798 Number of Holdings Weighted Avg. Market Cap. (\$B) 56.9 86.8 Median Market Cap. (\$B) 27.1 12.4 16.9 14.8 Price To Earnings 2.9 Price To Book 2.5 Price To Sales 2.1 1.2 Return on Equity (%) 13.9 15.2 Yield (%) 2.2 3.3 **Top Holdings** 4.8% **BAE SYSTEMS PLC** 4.7% **THALES** RHEINMETALL 4.3% 3.9% SANOFI **GETLINK SE** 3.9% **ICON PLC** 3.8% STMICROELECTRONICS NV 3.7% 3.6% FRANCO-NEVADA CORP **VESTAS WIND SYSTEMS A/S** 3.6% **DEUTSCHE BOERSE AG** 3.5% 39.9% Total **Market Capitalization** Large Small Mid Unclassified Cap Cap Cap **HGK Int'l Equity** 13.9% 1.5% 41.8% 42.8% MSCI EAFE 8.1% 24.8% 67.1% 0.0% Weight Over/Under -6.6% 17.0% -24.3% 13.9%



Region Allocation Summary

Dogion	% of	% of	
Region	Total	Bench	% Diff
North America ex U.S.	3.6%	0.0%	3.6%
United States	2.4%	0.0%	2.4%
Europe Ex U.K.	47.7%	50.8%	-3.1%
United Kingdom	14.7%	14.7%	0.0%
Pacific Basin Ex Japan	4.3%	11.4%	-7.1%
Japan	19.5%	22.4%	-2.9%
Emerging Markets	7.7%	0.0%	7.7%
Other	0.0%	0.6%	-0.6%
Total	100.0%	100.0%	0.0%

SSGA MSCI Emerging Markets Index

As of June 30, 2023

Manager Summary: Passive strategy that seeks to replicate the return of the MSCI Emerging Markets index. This strategy is a low-cost option to gain diversified exposure to emerging market based companies.

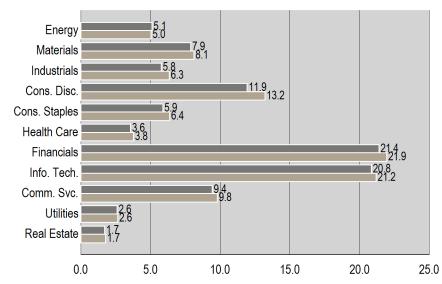
Characteristics

	Portfolio	MSCI Emerging Markets
Number of Holdings	1,366	1,421
Weighted Avg. Market Cap. (\$B)	109.4	111.9
Median Market Cap. (\$B)	6.0	6.7
Price To Earnings	12.2	12.2
Price To Book	2.4	2.4
Price To Sales	1.0	1.0
Return on Equity (%)	14.9	15.0
Yield (%)	3.4	3.4
Top Holdings		
TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD		7.1%
TENCENT HOLDINGS LTD		4.1%
SAMSUNG ELECTRONICS CO LTD		4.1%
ALIBABA GROUP HOLDING LTD		2.7%
RELIANCE INDUSTRIES LTD		1.5%
MEITUAN DIANPING USD0.00001 A B CLASS ISIN KYG596691041		1.2%
CHINA CONSTRUCTION BANK CORP		1.0%
HOUSING DEVELOPMENT FINANCE CORP LTD		0.9%
ICICI BANK		0.9%
INFOSYS LTD		0.8%
Total		24.3%

Market Capitalization

sified
5.3%
0.0%
5.3%

Sector Allocation (%) vs MSCI Emerging Markets



Region Allocation Summary

Pagion	% of	% of	
Region	Total	Bench	% Diff
North America ex U.S.	0.0%	0.0%	0.0%
United States	0.2%	0.0%	0.2%
Europe Ex U.K.	0.9%	0.5%	0.5%
United Kingdom	0.0%	0.0%	0.0%
Pacific Basin Ex Japan	5.6%	0.0%	5.6%
Japan	0.0%	0.0%	0.0%
Emerging Markets	91.1%	98.7%	-7.6%
Other	2.1%	0.8%	1.3%
Total	100.0%	100.0%	0.0%

PRISA LP

As of June 30, 2023

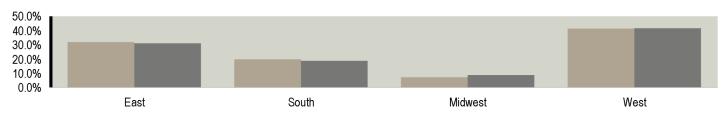
Characteristics

Fund GAV (\$MM)	\$32,659.0
Fund NAV (\$MM)	\$25,810.0
Cash (% of NAV)	2.5%
# of Investments	288
% in Top 10 by NAV	19.0%
Leverage %	22.3%
Occupancy	93.4%
# of MSAs	45
1-Year Dividend Yield	2.8%
As of Date	30-Jun-23

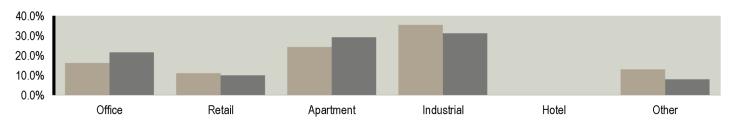
Strategy Breakdown

	% of Portfolio	Top Five Metro Areas	% of NAV
Pre-Development	0.9%	Los Angeles-Long Beach, CA	22.6%
Development	1.9%	New York-Newark, NY-NJ-CT-F	13.6%
Initial Leasing		Washington-Baltimore-Arlington	10.2%
Operating	97.1%	San Jose-San Francisco-Oaklar	6.5%
Re-Development		Boston-Worcester-Providence,	5.1%
Other			
Queue In:		Queue Out:	
Contribution Queue (\$MM)	\$64.64	Redemption Queue (\$MM)	\$3,480.73
Anticipated Drawdown (Months)		Anticipated Payout (Months)	

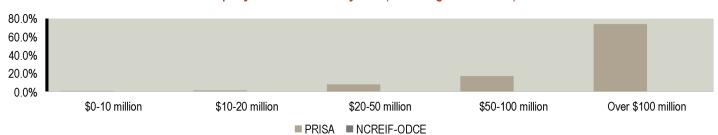
Regional Breakdown by NAV (Excluding Cash & Debt)



Property Type Breakdown by NAV (Excluding Cash & Debt)



Property Size Breakdown by NAV (Excluding Cash & Debt)





PRISA II

As of June 30, 2023

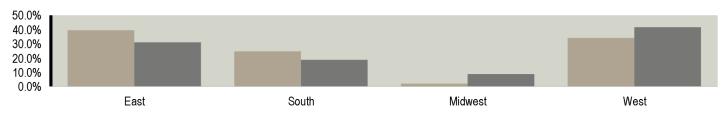
Characteristics

\$17,056.0
\$9,883.0
1.3%
149
21.1%
36.2%
86.6%
66
2.5%
30-Jun-23

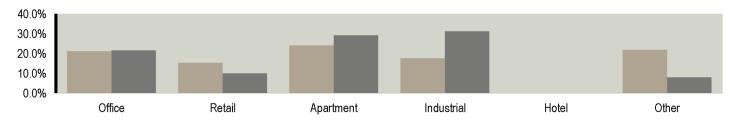
Strategy Breakdown

	% of Portfolio	Top Five Metro Areas	% of NAV
Pre-Development	4.8%	Northern NJ	8.7%
Development	10.6%	San Francisco	8.0%
Initial Leasing	11.1%	Boston	7.4%
Operating	70.5%	San Jose	5.5%
Re-Development	0.0%	Fort Lauderdale	5.1%
Other	3.1%		
Queue In:		Queue Out:	
Contribution Queue (\$MM)	\$0.00	Redemption Queue (\$MM)	\$1,351.00
Anticipated Drawdown (Months)	0	Anticipated Payout (Months)	0

Regional Breakdown by NAV (Excluding Cash & Debt)



Property Type Breakdown by NAV (Excluding Cash & Debt)



Property Size Breakdown by NAV (Excluding Cash & Debt)



PennMuni-Nuveen U.S. Real Estate Fund

As of June 30, 2023

Characteristics

Fund NAV (\$MM)	\$274.3
Cash (% of NAV)	0.0%
# of Investments	8
Occupancy	83.2%
NOI	5.9%
Loan to Value	7.1%
As of Date	3/31/2023

Asset Summary

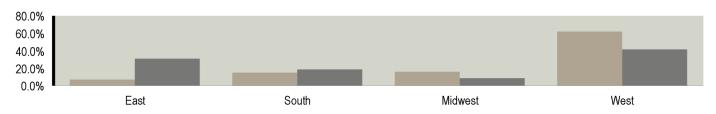
Property	Acquistion
Copley Corporate Center	2010
SR Ranch	201
Des Peres Corners	2010
708 Uptown	2014
Fairway Center II	2016
Republic Distribution Center	2013
526 Route 46	2014
Shoppes at Monarch Lakes	2010

Portfolio Allocation

#	Property	Туре	Location	% of Fund NAV
1	Copley Corporate Center	Office	San Diego, CA	13.3%
2	SR Ranch	Retail	San Diego, CA	17.0%
3	Des Peres Corners	Retail	Des Peres, MO	16.4%
4	708 Uptown	Apartment	Seattle, WA	16.9%
5	Fairway Center II	Office	Brea, CA	10.1%
6	Republic Distribution Center	Industrial	Houston, TX	11.7%
7	526 Route 46	Industrial	Teterboro, NJ	9.3%
8	Shoppes at Monarch Lakes	Retail	Miramar Fl	5.2%

Total 100.0%

Regional Breakdown by NAV



Property Type Breakdown by NAV





Forest Investment Associates

As of June 30, 2023

Portfolio Allocation

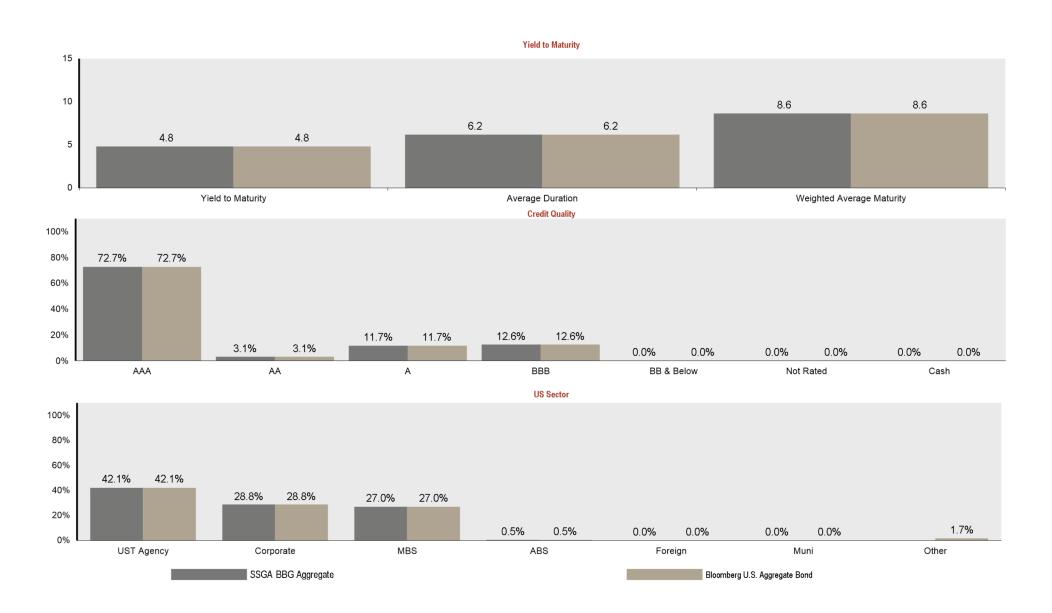
1 of thoma / throughout					
#	Property	Туре	Location	% of Fund NAV	
1	Bear Island	Pine	Virginia	6.2%	
2	Fitz-Weller	Pine	New York	3.8%	
3	Carter Pasture	Douglas Fir/Cedar	Texas	7.1%	
4	Dupont	Douglas Fir/Hemlock	Georgia	22.2%	
5	Black River	Pine	South Carolina	18.0%	
6	Coquille	Pine	Oregon	19.7%	
7	Bucktails	Pine	Pennsylvania	8.8%	
8	North River	Maple/Oak	Washington	14.1%	

Total 100.0%

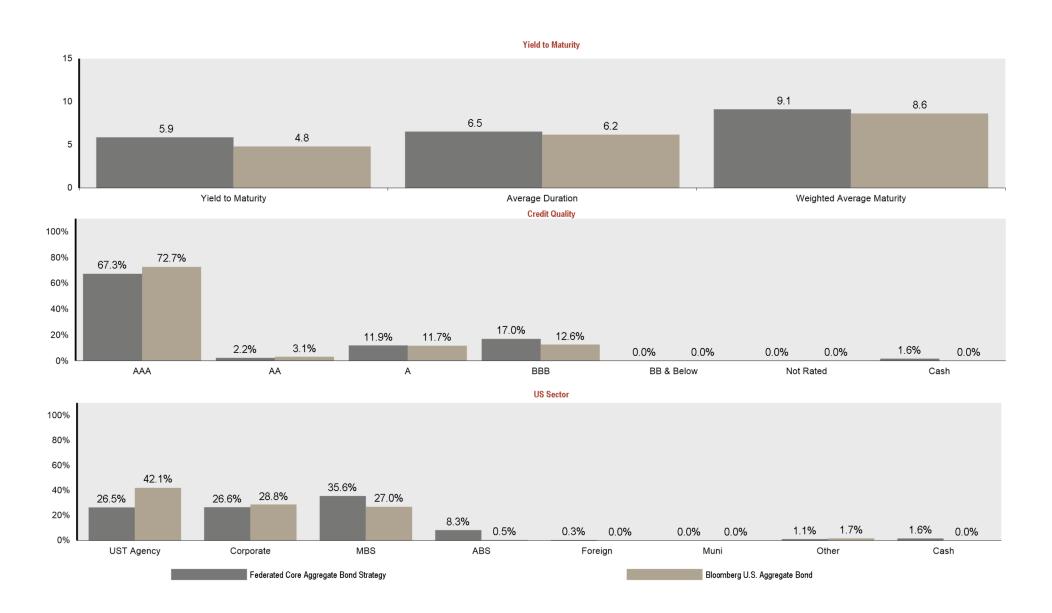
Regional Breakdown by NAV



SSGA US Aggregate Bond Index



Federated Hermes Core Aggregate Strategy



Ares Global Multi-Asset Credit

