

ERB **INVESTMENT** PERFORMANCE **ANALYSIS FOR PERIOD ENDING DECEMBER 31, 2023** NEW MEXICO EDUCATIONAL **RETIREMENT BOARD**

FEBRUARY 23, 2024

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PROPRIETARY & CONFIDENTIAL

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MARKET ENVIRONMENT

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MARKET ENVIRONMENT

Q4 2023 OVERVIEW

		Qtr.	1 Yr.	3 Yr.	5 Yr.	10 Yr.	
World Equity Benchmarks		utr.	1 fr.	3 Tr.	5 11.	ių tr.	
MSCI ACWI IMI (Net)	World with Small Cap	11.14%	21.58%	5.46%	11.49%	7.77%	MSCI ACWI IMI (Net)
MSCI ACWI Net (USD)	World W/O Small Cap	11.03%	22.20%	5.75%	11.72%	7.92%	MSCI ACWI Net (USD)
MSCI ACWI (Local)	World (Local Currency)	9.38%	21.61%	7.30%	12.24%	9.04%	MSCI ACWI (Local)
Domestic Equity Benchmarks							Russell 3000
Russell 3000	Domestic All Cap	12.07%	25.96%	8.54%	15.16%	11.48%	S&P 500
S&P 500	Large Core	11.69%	26.29%	10.00%	15.69%	12.03%	Russell 1000
Russell 1000	Large Core	11.96%	26.53%	8.97%	15.52%	11.8 0 %	Russell 1000 Growth
Russell 1000 Growth	Large Growth	14.16%	42.68%	8.86%	19.50%	14.86%	Russell 1000 Value
Russell 1000 Value	Large Value	9.50%	11.46%	8.86%	10.91%	8.40%	Russell 2000
Russell 2000	Small Core	14.03%	16.93%	2.22%	9.97%	7.16%	
Russell 2000 Growth	Small Growth	12.75%	18.66%	-3.50%	9.22%	7.16%	Russell 2000 Growth
Russell 2000 Value	Small Value	15.26%	14.65%	7.94%	10.00%	6.76%	Russell 2000 Value
NASDAQ Composite	Large Growth	13.79%	44.64%	6.04%	18.75%	14.80%	NASDAQ Composite
NASDAQ Biotechnology	Biotech	10.75%	4.59%	-2.03%	8.26%	6.89%	NASDAQ Biotechnology
International Equity Benchmarks							MSCI ACWI Ex USA
MSCI ACWI Ex USA	World ex-US	9.75%	15.62%	1.55%	7.08%	3.83%	MSCI EAFE Net (USD)
MSCI EAFE Net (USD)	Int'l Developed	10.42%	18.24%	4.02%	8.16%	4.28%	MSCI EAFE (Local)
MSCI EAFE (Local)	Int'l Developed (Local Currency)	4.96%	16.16%	8.64%	9.49%	6.61%	MSCI EAFE Small Cap
MSCI EAFE Small Cap	Small Cap Int'l	11.14%	13.16%	-0.69%	6.58%	4.80%	MSCI Emerging Markets
MSCI Emerging Markets	Emerging Equity	7.86%	9.83%	-5.08%	3.69%	2.66%	
Domestic Fixed Income Benchmarks							Bloomberg Aggregate
Bloomberg Aggregate	Core Bonds	6.82%	5.53%	-3.31%	1.10%	1.81%	Barclays US High Yield
Barclays US High Yield	High Yield	7.16%	13.44%	1.98%	5.37%	4.60%	CSFB Levered Loans
CSFB Levered Loans	Bank Loans	2.85%	13.04%	5.64%	5.56%	4.44%	BofA ML US 3-Month T-Bill
BofA ML US 3-Month T-Bill	Cash	1.37%	5.02%	2.15%	1.88%	1.25%	Bloomberg US TIPS 1-10 Yr
Bloomberg US TIPS 1-10 Yr	Inflation	3.89%	4.36%	0.73%	3.43%	2.31%	Barclays Global Aggregate
Global Fixed Income Benchmarks							FTSE WGBI
Barclays Global Aggregate	Global Core Bonds	8.10%	5.71%	-5.51%	-0.32%	0.38%	BC Global Credit
FTSE WGBI	World Gov. Bonds	8.08%	5.19%	-7.18%	-1.39%	-0.31%	JPM GBI-EM Glob. Diversified
BC Global Credit	Global Bonds	8.69%	9.24%	-4.24%	1.36%	1.51%	
JPM GBI-EM Glob. Diversified	Em. Mkt. Bonds (Local Currency)	8.07%	12.70%	-3.16%	1.14%	0.09%	JPM EMBI+
JPM EMBI+	Em. Mkt. Bonds	10.54%	10.30%	-7.43%	-0.89%	1.51%	Bloomberg Commodity Index
Alternative Benchmarks							HFRI Fund of Funds Composite Index
Bloomberg Commodity Index	Commodities	-4.63%	-7.91%	10.76%	7.23%	-1.11%	Cambridge PE Lagged*
HFRI Fund of Funds Composite Index	Fund of Hedge Funds	3.65%	6.59%	2.33%	5.19%	3.28%	NCREIF ODCE Net Lagged*
Cambridge PE Lagged*	Private Equity	0.77%	7.22%	17.59%	14.63%	14.02%	FTSE NAREIT All Equity REITs
NCREIF ODCE Net Lagged*	Real Estate	-2.10%	-12.88%	6.19%	4.72%	7.19%	-2
FTSE NAREIT All Equity REITs	REIT	17.98%	11.36%	5.70%	7.59%	7.95%	
CPI + 2%	Inflation/Real Assets	0.94%	5.36%	7.74%	6.17%	4.84%	

SCI ACWI Net (USD) MSCI ACWI (Local) Russell 3000 S&P 500 Russell 1000 ussell 1000 Growth Russell 1000 Value Russell 2000 ussell 2000 Growth Russell 2000 Value NASDAQ Composite DAQ Biotechnology MSCI ACWI Ex USA ISCI EAFE Net (USD) MSCI EAFE (Local) ISCI EAFE Small Cap **Emerging Markets** oomberg Aggregate rclays US High Yield CSFB Levered Loans L US 3-Month T-Bill perg US TIPS 1-10 Yr s Global Aggregate FTSE WGBI BC Global Credit M Glob. Diversified JPM EMBI+ g Commodity Index ds Composite Index nbridge PE Lagged* ODCE Net Lagged* REIT All Equity REITs -20% -10%



* As of 9/30/2023

Quarter

🗖 1 Yr

0% 10% 20% 30% 40% 50%

CAPITAL MARKETS OVERVIEW

The U.S. economy experienced a "no landing" in 2023 as inflation pressures declined, while consumption and growth defied expectations



Markets remain anchored to a lower interest rate and inflation environment, pricing in an aggressive cutting path for the Fed in 2024

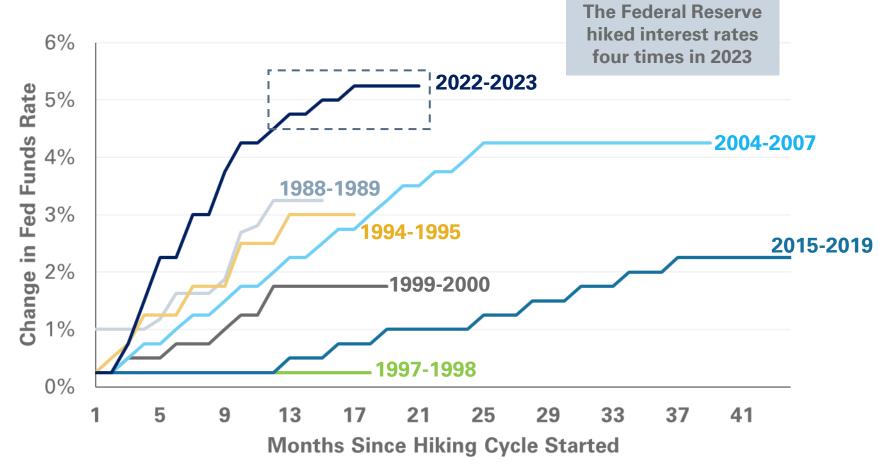
The Magnificent 7 drove U.S. equity market outperformance in 2023 – surpassing lofty market expectations for revenue and earnings growth



A backdrop of elevated global geopolitical tensions heightens economic tail risks and introduces uncertainty for capital markets in 2024



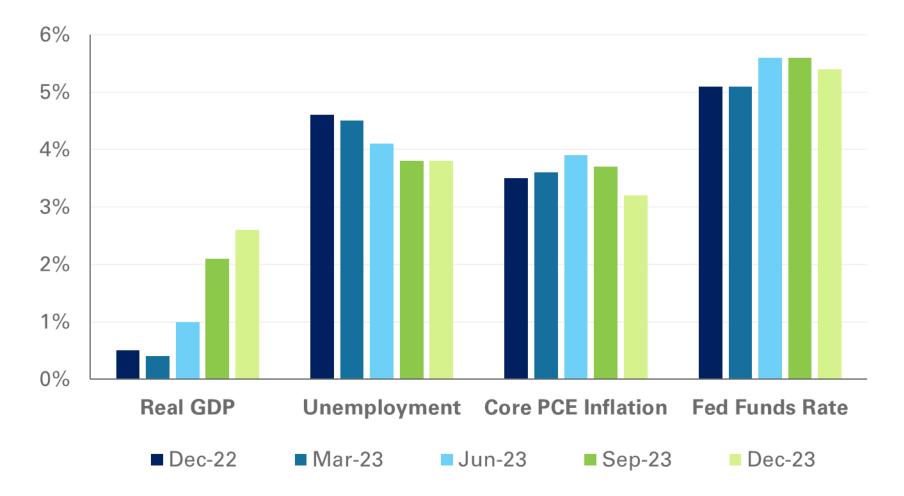
THE FED TIGHTENED MORE THAN EXPECTED IN 2023 HISTORICAL FED HIKING CYCLES





Notes: Reflects Fed rate hiking cycles since 1988 Sources: Federal Reserve, FactSet

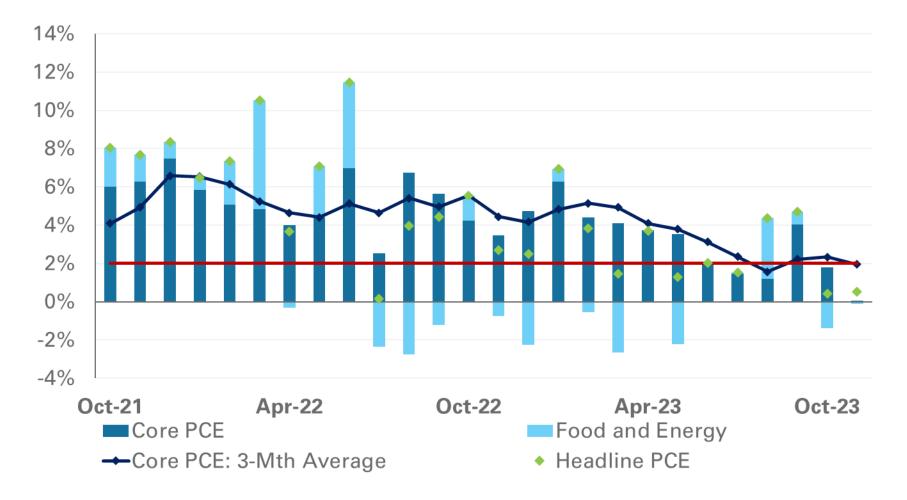
THE U.S. ECONOMY FAR OUTPACED EXPECTATIONS 2023 FED PROJECTIONS



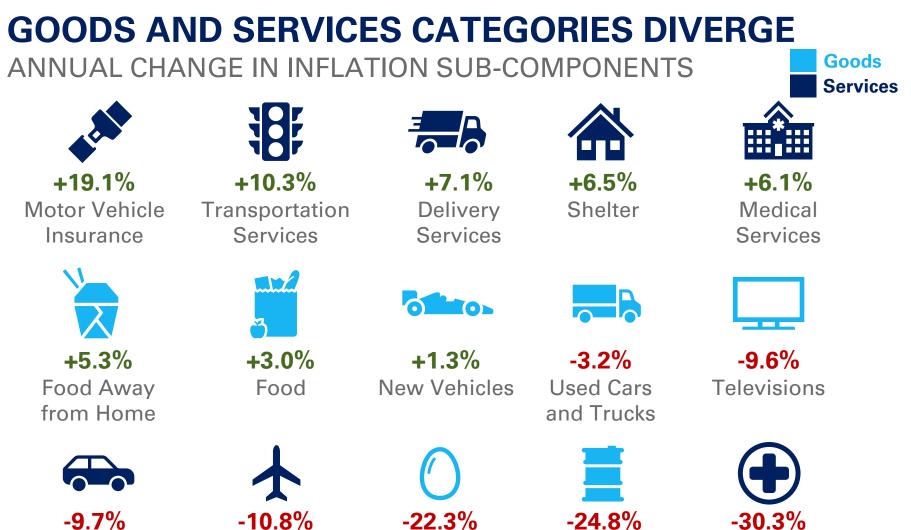


Source: U.S. Federal Reserve Summary of Economic Projections

CORE INFLATION TRENDED TO THE FED'S TARGET ANNUALIZED MONTHLY U.S. PCE PRICE INDEX CHANGES







Eggs

Fuel Oil

Car and Truck Rental



Airline

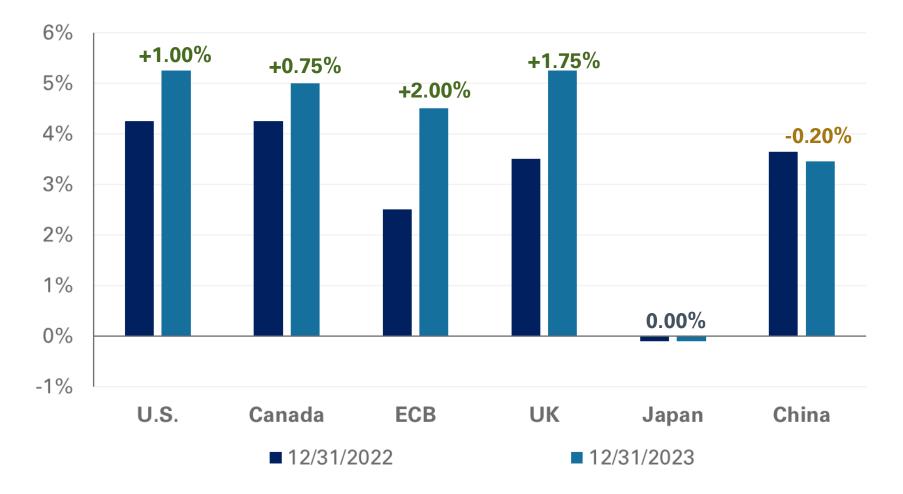
Fares

Sources: Bureau of Labor Statistics, FactSet

Health

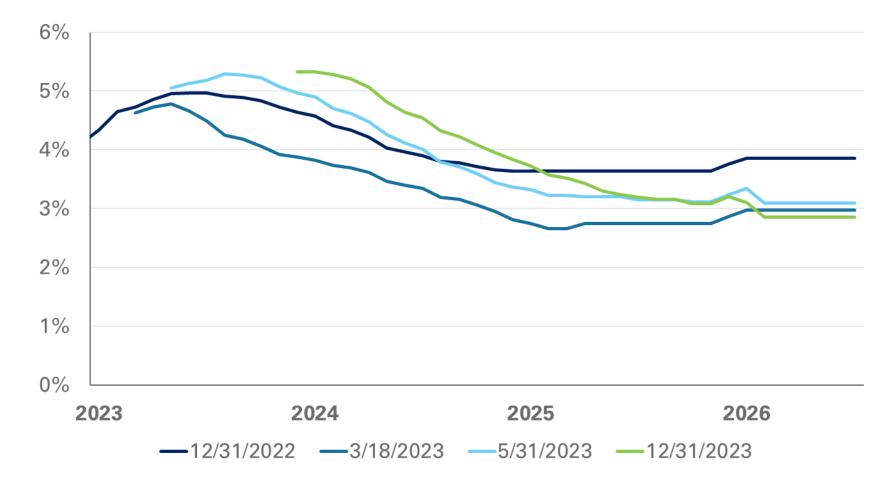
insurance

POLICY TIGHTENED AMID ELEVATED INFLATION POLICY RATE CHANGES BY GLOBAL CENTRAL BANKS



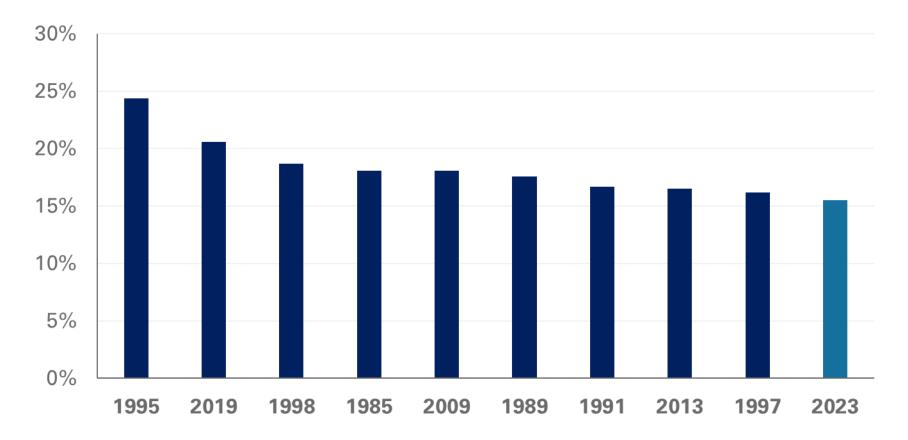


LONG-TERM RATE EXPECTATIONS FELL FED FUNDS FUTURES





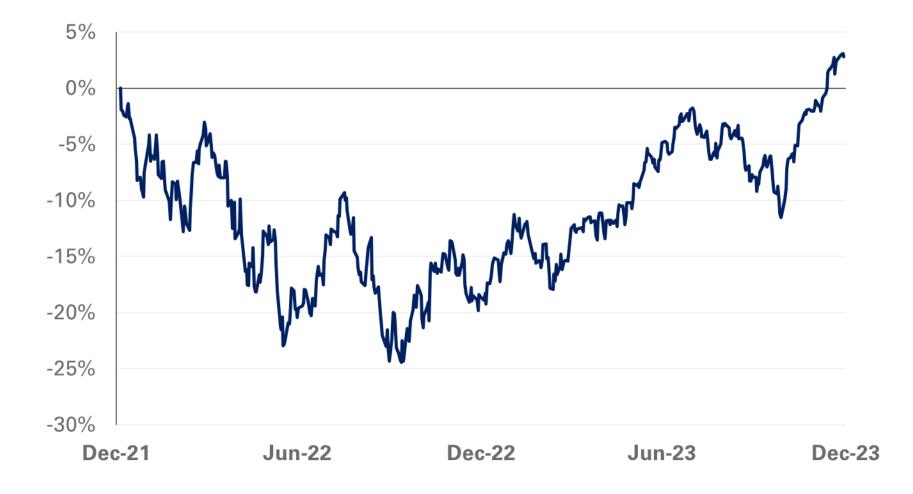
2023 WAS A STRONG YEAR FOR 60/40 ALLOCATIONS 60/40 ANNUAL PORTFOLIO RETURNS





Notes: Chart calculated using annual data 1976 to present. 60% reflects S&P 500 price return, 40% reflects Bloomberg U.S. Aggregate Bond Index returns Sources: S&P, Bloomberg, FactSet

THE S&P 500 EXITED THE BEAR MARKET CUMULATIVE TOTAL RETURN





Calculated from 1/4/21 to 12/31/2023 Source: S&P, FactSet

GROWTH WAS SUPPORTED BY THE MAG 7 RUSSELL 1000 EX MAGNIFICENT 7 STOCKS CUMULATIVE RETURN





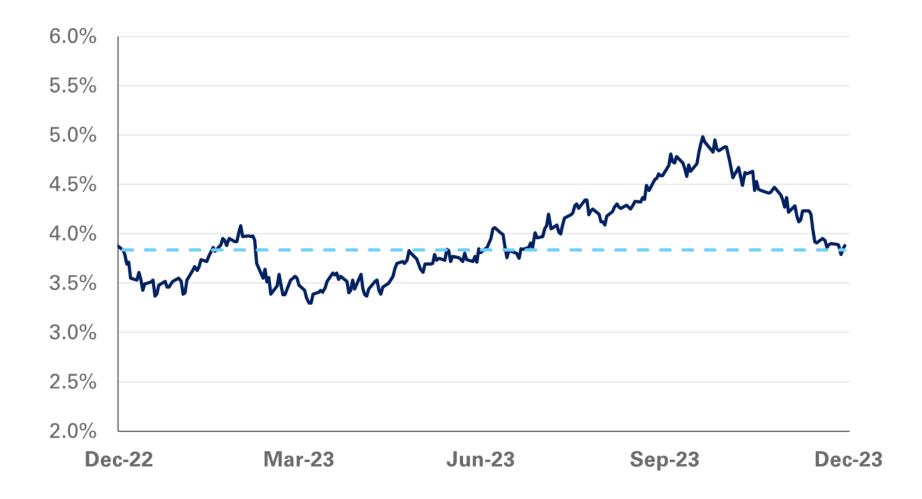
Magnificent 7 represents Apple, Amazon, Alphabet, Meta, Microsoft, Nvidia, and Tesla Source: Russell, FactSet

HIGHEST U.S. EQUITY WEIGHT SINCE 1972 U.S. EQUITIES AS A PERCENTAGE OF MSCI ACWI INDEX





YIELDS COMPLETED A FEW ROUND TRIPS U.S. TREASURY 10-YEAR YIELD







THIRD PARTY PLACEMENT AGENT DISCLOSURE

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THIRD PARTY PLACEMENT AGENT DISCLOSURE

The New Mexico Educational Retirement Board Policy Regarding Placement Agent Disclosures requires that quarterly performance reports to the Board include information regarding any third-party marketers that were used by recipients of investments including any fee, commission or retainer paid by the hired fund to the third-party marketer for services rendered. These fees are not paid by NMERB but are paid by the hired funds for marketing services to the third-party.

The following investments were approved by the NMERB Investment Committee during the quarter, with disclosures made under the policy:

Basin Acquisition Fund III

The investment was approved for a \$50 million commitment on December 21, 2023 as part of the Fund's allocation to Natural Resource.

Basin has provided documentation confirming no placement agent was used in connection with NMERB's investment.

Additionally, Basin has completed the ERB Campaign Contribution Disclosure and reports no applicable campaign contributions.

Ecosystem Investment Partners V

The investment was approved for a \$50 million commitment on December 21, 2023 as part of the Fund's allocation to Natural Resource.

Ecosystem Investment Partners has provided documentation confirming no placement agent was used in connection with NMERB's investment.

Additionally, Ecosystem Investment Partners has completed the ERB Campaign Contribution Disclosure and reports no applicable campaign contributions.





TOTAL FUND PERFORMANCE



New Mexico Educational Retirement Board-Top Plan TOTAL FUND PERFORMANCE SUMMARY (NET)

	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	20 Yrs (%)	30 Yrs (%)	Inception (%)	Inception Date
Total Fund	16,330,279,680	3.16 (99)	8.70 (91)	7.63 (4)	8.73 (35)	7.51 (8)	7.82 (23)	7.93 (29)	8.90	Jul-83
Policy Index		4.58 (94)	10.48 (77)	5.99 (16)	8.47 (45)	7.13 (22)	7.38 (37)	7.17 (77)		
60% MSCI ACWI (Net)/40% FTSE WGBI		9.87 (1)	15.20 (5)	0.54 (100)	6.58 (97)	4.78 (99)	6.09 (97)	6.26 (100)		
60% S&P 500 Index/40% FTSE U.S. Broad Investment-Grade Bond		9.75 (1)	17.71 (1)	4.67 (44)	9.99 (7)	8.10 (2)	7.36 (39)	7.97 (28)	9.50	
InvMetrics Public DB > \$1 Billion Median		6.61	11.43	4.54	8.29	6.34	7.27	7.66		

Over the past five years, the Fund returned 8.7% per annum, outperforming the policy index by 26 basis points and ranking in the 35^{th} percentile of the Investment Metrics Public Funds > \$1 Billion universe and outperforming the actuarial assumed rate of 7.00%. The Fund's volatility was 7.0%, which ranks in the 1st percentile of its peers over this period. The Fund's risk-adjusted performance, as measured by the Sharpe Ratio, ranks in the 2nd percentile of its peers.

Over the past three years, the Fund returned 7.6% per annum, outperforming the policy index by 164 basis points and ranking in the 4th percentile of its peer group. Over the same period, the Fund's volatility ranks in the 2nd percentile of its peers, resulting in a three-year Sharpe Ratio of 0.83, which ranks in the 3rd percentile.

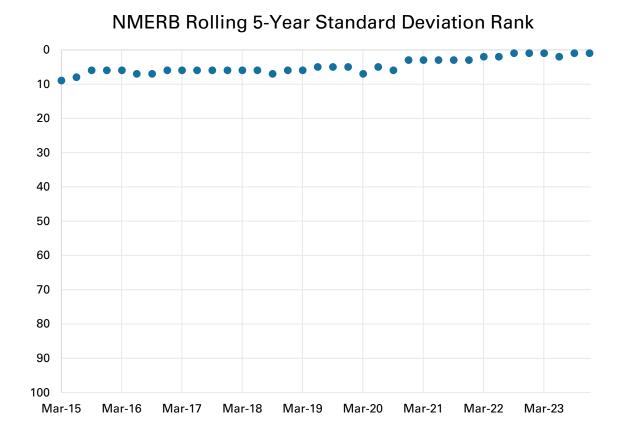
For the year ending December 31, 2023, the Fund experienced a net investment gain of \$1.3 billion, which includes a net investment gain of \$490 million during the quarter. Assets increased from \$15.3 billion twelve months ago, to \$16.3 billion on December 31, 2023, with \$307.6 million in net distributions during the year. The Fund returned 8.7% for the year, under-performing the policy index by 178 basis points and ranking in the 91st percentile of its peers.

3 Years Ending December 31, 2023								
	Standard Deviation							
Total Fund	6.46 (2)	0.83 (3)	1.34 (3)					
Policy Index	6.92 (2)	0.57 (10)	0.85 (10)					
60% MSCI ACWI (Net)/40% FTSE WGBI	12.89 (97)	-0.06 (99)	-0.08 (99)					
60% S&P 500 Index/40% FTSE U.S. Broad Investment-Grade Bond	12.72 (96)	0.25 (61)	0.36 (61)					
InvMetrics Public DB > \$1 Billion Median	9.67	0.29	0.41					

5 Years Ending December 31, 2023								
	Sharpe Ratio	Sortino Ratio						
Total Fund	6.98 (1)	0.95 (2)	1.48 (5)					
Policy Index	7.71 (1)	0.85 (10)	1.31 (10)					
60% MSCI ACWI (Net)/40% FTSE WGBI	12.79 (88)	0.42 (99)	0.62 (99)					
60% S&P 500 Index/40% FTSE U.S. Broad Investment-Grade Bond	12.53 (84)	0.67 (23)	1.03 (23)					
InvMetrics Public DB > \$1 Billion Median	10.95	0.60	0.91					

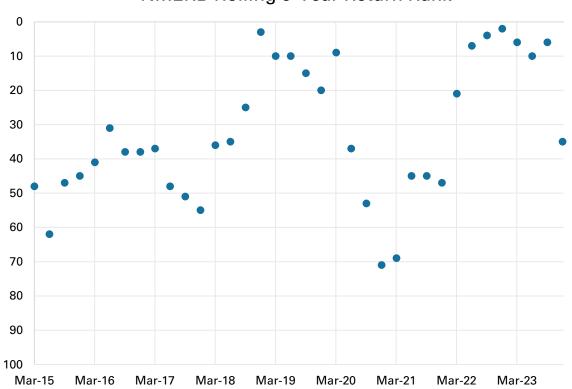


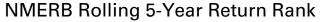
NMERB ROLLING STANDARD DEVIATION RANKINGS





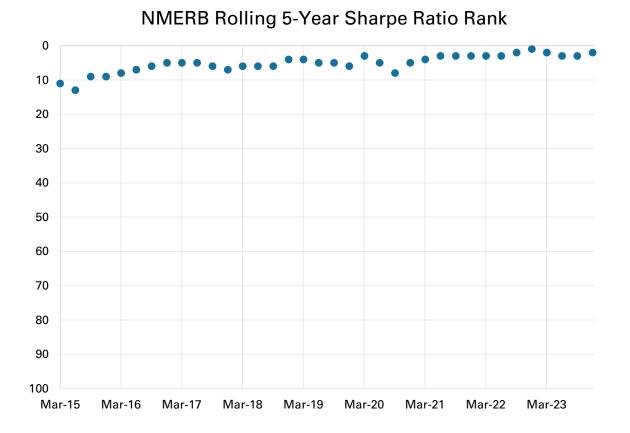
NMERB ROLLING RETURN PER RANKINGS





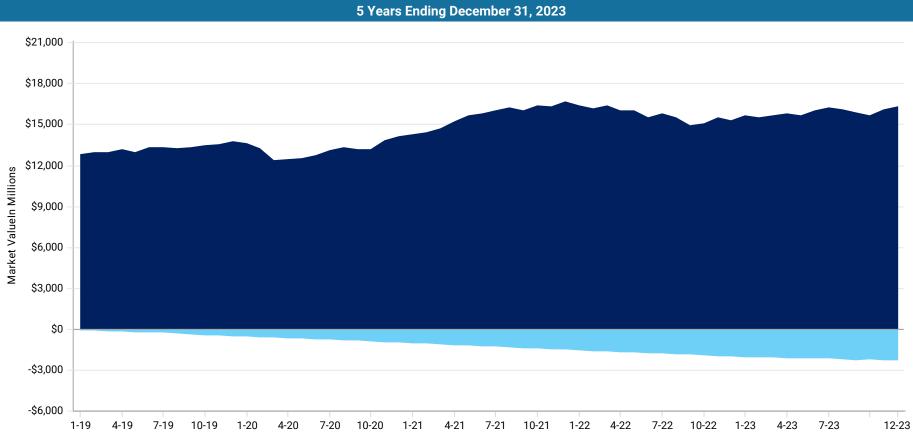


NMERB ROLLING SHARPE RATIO RANKINGS





New Mexico Educational Retirement Board-Top Plan ASSET GROWTH SUMMARY



Market Value 📃 Net Cash Flow

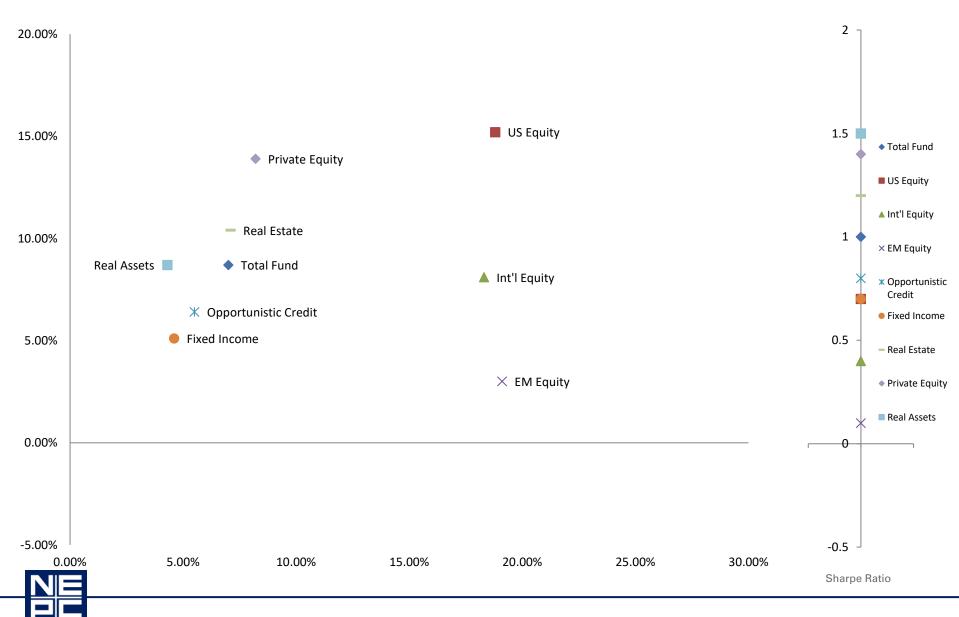
	Last Three Months	1 Year	3 Years	5 Years	Since 10/1/05
Beginning Market Value	15,872,762,870	15,317,974,859	14,185,864,078	12,504,945,863	7,694,652,368
Net Cash Flow	-32,488,852	-307,602,716	-1,325,882,255	-2,291,389,719	-6,028,200,011
Net Investment Change	490,005,661	1,319,907,536	3,468,652,617	6,115,078,296	14,664,548,827
Ending Market Value	16,330,279,680	16,330,279,680	16,330,279,680	16,330,279,680	16,330,279,680
Net Change	457,516,809	1,012,304,820	2,144,415,602	3,825,333,817	8,635,627,312



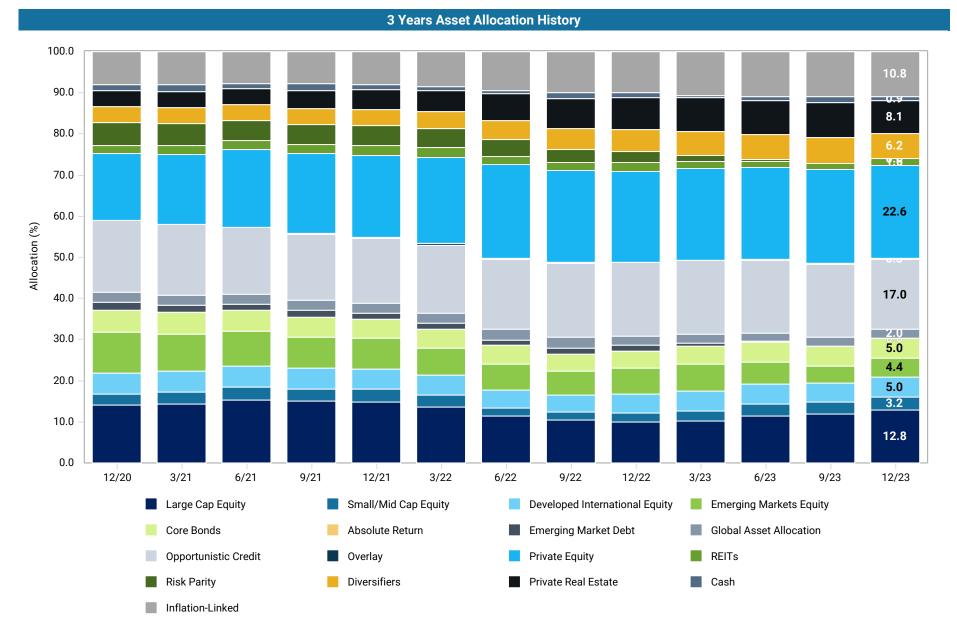
TOTAL FUND ASSET ALLOCATION VS. POLICY

<u>Current</u> <u>Allocation</u>	Policy Allocation		<u>Current Mkt</u>	<u>Current</u>	<u>Policy</u>	<u>Policy</u>	<u>Within</u>	
			Value	Allocation	Target	Range	<u>Range</u>	Difference
12.8%	15.00/	Equity	\$4,150,874,536	25.4%	28.0%	13% - 55%	Yes	-2.6%
	15.0%	U.S. Equity	\$2,611,207,675	16.0%	19.0%	9% - 35%	Yes	-3.0%
		U.S. Large Cap Equity	\$2,094,577,759	12.8%	15.0%	7% - 30%	Yes	-2.2%
3.2%	4.00/	U.S. Small/Mid Cap Equity	\$516,629,916	3.2%	4.0%	0% - 8%	Yes	-0.8%
5.0%	4.0%	Non-U.S. Equity	\$1,539,666,861	9.4%	9.0%	4% - 20%	Yes	0.4%
4 40/	5.0%	Non-U.S. Developed Mkts	\$816,568,359	5.0%	5.0%	0% - 10%	Yes	0.0%
4.4%	4.0%	Non-U.S. Emerging Mkts	\$723,098,502	4.4%	4.0%	0% - 8%	Yes	0.4%
	6.0%	Fixed Income	\$3,601,085,363	22.1%	24.0%	2% - 60%	Yes	-1.9%
		Core Fixed Income	\$820,036,879	5.0%	6.0%	2% - 25%	Yes	-1.0%
47.004		Opportunistic Credit	\$2,780,977,785	17.0%	18.0%	0% - 35%	Yes	-1.0%
17.0%		Emerging Mkts Debt	\$70,698	0.0%	0.0%	0% - 8%	Yes	0.0%
	18.0%							
0.0%		Alternatives	\$8,381,594,936	51.3%	47.0%	10% - 65%	Yes	4.3%
		Absolute Return	\$0	0.0%	0.0%	0% - 10%	Yes	0.0%
8.2%	0.0%							
	10.0%	Diversifying Assets	\$1,334,845,366	8.2%	10.0%			-1.8%
9.7%	10.070	Global Asset Allocation	\$325,597,273	2.0%	2.0%	0% - 6%	Yes	0.0%
5.770		Other Diversifying Assets	\$1,009,248,093	6.2%	8.0%	0% - 12%	Yes	-1.8%
	8.0%							
		Real Estate	\$1,578,170,252	9.7%	8.0%	0% - 15%	Yes	1.7%
		REITs	\$254,532,735	1.6%	0.0%			1.6%
22 604		Private Real Estate	\$1,323,637,517	8.1%	8.0%			0.1%
22.6%	17.0%							
		Private Equity	\$3,696,951,772	22.6%	17.0%	0% - 35%	Yes	5.6%
		Inflation-Linked Assets	\$1,771,627,546	10.8%	12.0%	0% - 25%	Yes	-1.2%
10.8%	12.0%	Cash	\$196,724,623	1.2%	1.0%	0% - 25%	Yes	0.2%
<u> </u>	<u> 1.0% </u>	Total	\$16,330,279,458	100.0%	100.0%			0.0%

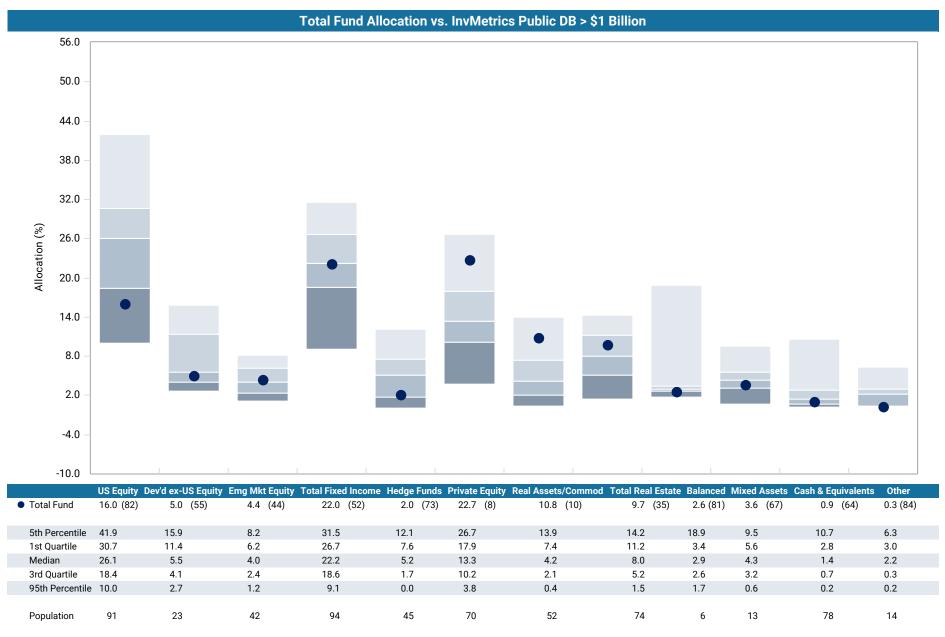
5 YEAR RISK/RETURN



New Mexico Educational Retirement Board-Top Plan ASSET ALLOCATION HISTORY

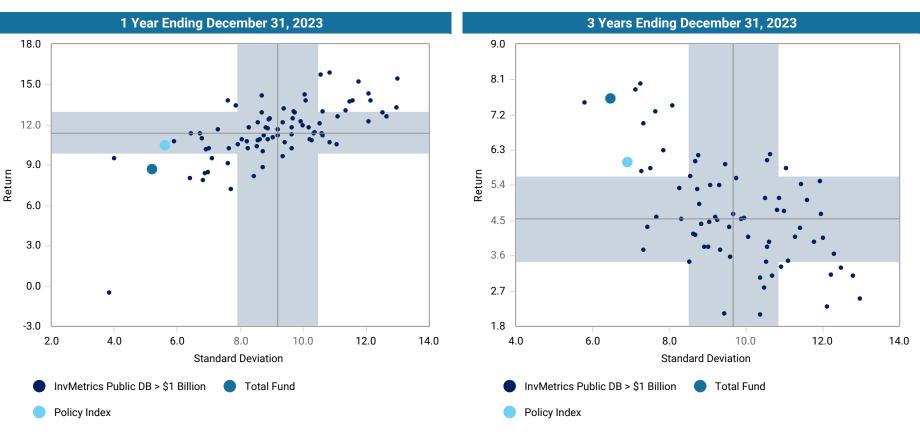


New Mexico Educational Retirement Board-Top Plan ALLOCATIONS VS. PEER UNIVERSE





New Mexico Educational Retirement Board-Top Plan TOTAL FUND COMPOSITE RISK/RETURN

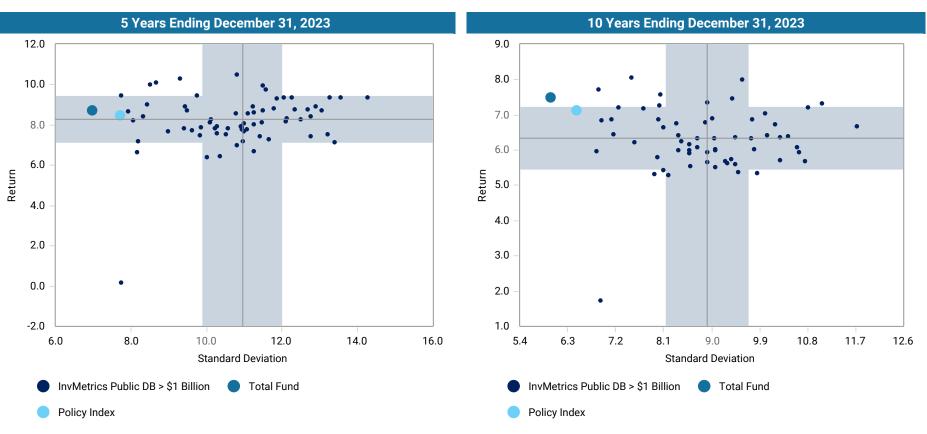


1 Year Ending December 31, 2023									
Return Standard Deviation Sharpe Ratio Sortino Ratio									
Total Fund	8.7 (91)	5.2	(3)	0.7 (53)	1.2 (65)				
Policy Index	10.5 (77)	5.6	(4)	0.9 (10)	1.8 (9)				
InvMetrics Public DB > \$1 Billion Median	11.4	9.2		0.7	1.3				

3 Years Ending December 31, 2023										
Return Standard Deviation Sharpe Ratio Sortino Ratio										
Total Fund	7.6 (4)	6.5	(2)	0.8 (3)	1.3 (3)					
Policy Index	6.0 (16)	6.9	(2)	0.6 (10)	0.9 (10)					
InvMetrics Public DB > \$1 Billion Median	4.5	9.7		0.3	0.4					



New Mexico Educational Retirement Board-Top Plan TOTAL FUND COMPOSITE RISK/RETURN

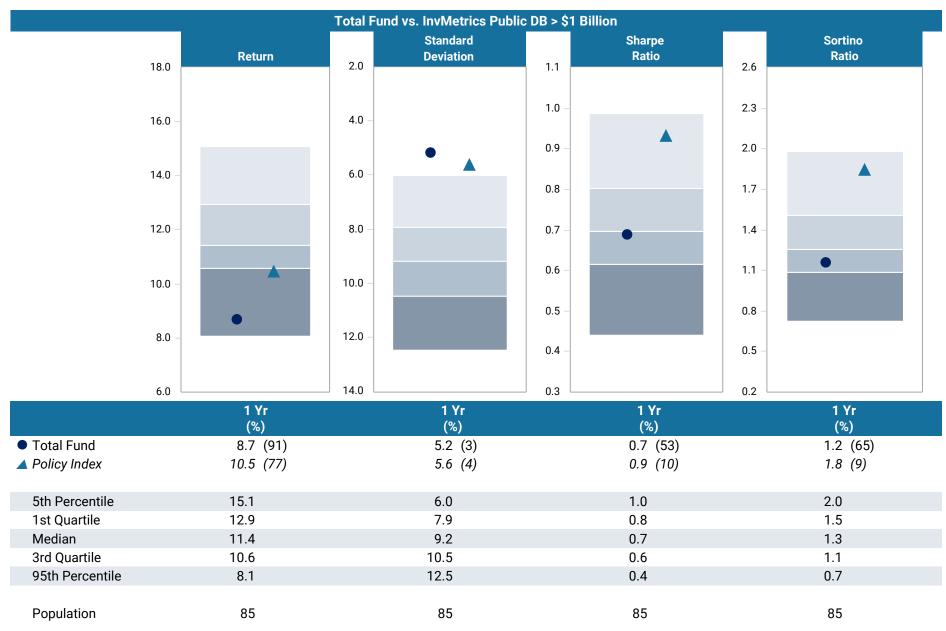


5 Years Ending December 31, 2023									
Return Standard Deviation Sharpe Ratio Sortino Ratio									
Total Fund	8.7 (35)	7.0	(1)	1.0	(2)	1.5	(5)		
Policy Index	8.5 (45)	7.7	(1)	0.8	(10)	1.3	(10)		
InvMetrics Public DB > \$1 Billion Median	8.3	11.0		0.6		0.9			

10 Years Ending December 31, 2023										
Return Standard Deviation Sharpe Ratio Sortino Ratio										
Total Fund	7.5 (8)	6.0 (1)	1.0 (2)	1.6 (2)						
Policy Index	7.1 (22)	6.5 (1)	0.9 (5)	1.4 (5)						
InvMetrics Public DB > \$1 Billion Median	6.3	8.9	0.6	0.9						

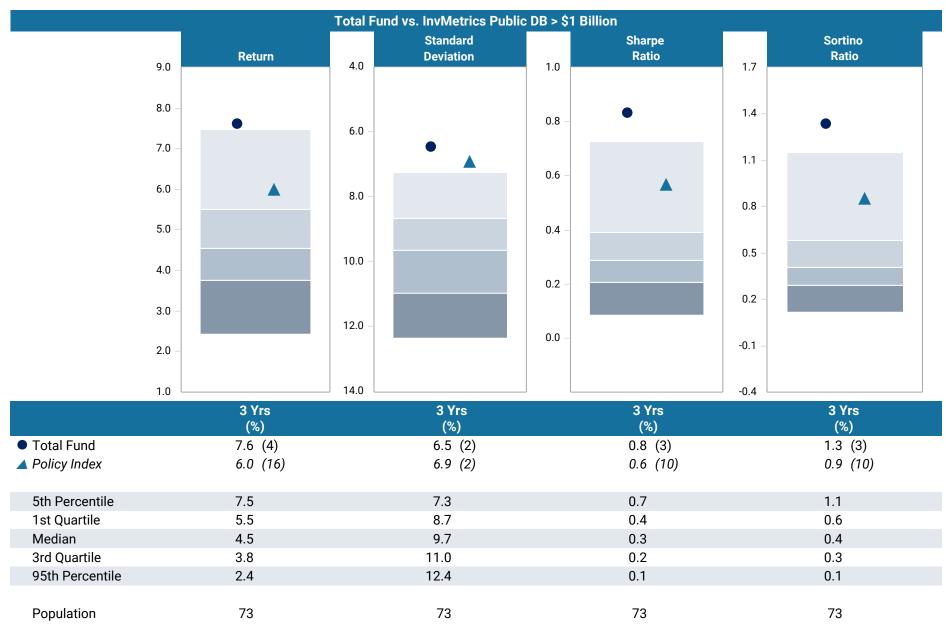


New Mexico Educational Retirement Board-Top Plan RISK STATISTICS VS. PEER UNIVERSE - 1 YEAR





New Mexico Educational Retirement Board-Top Plan RISK STATISTICS VS. PEER UNIVERSE - 3 YEAR



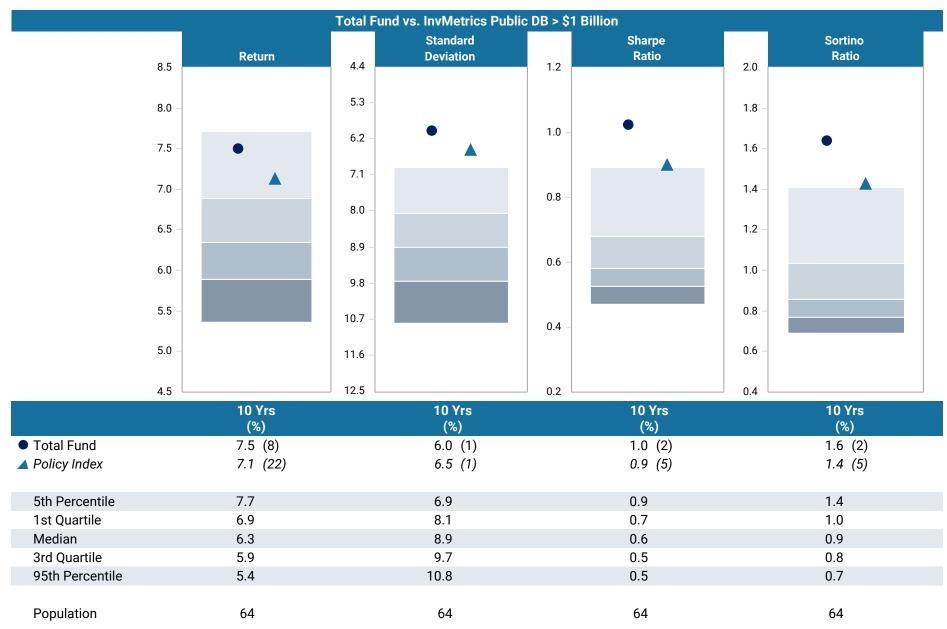


New Mexico Educational Retirement Board-Top Plan RISK STATISTICS VS. PEER UNIVERSE - 5 YEAR





New Mexico Educational Retirement Board-Top Plan RISK STATISTICS VS. PEER UNIVERSE - 10 YEAR

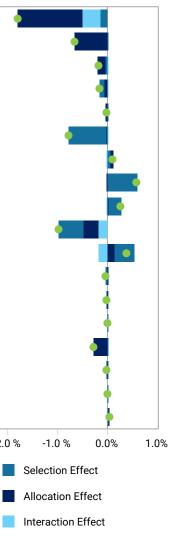




New Mexico Educational Retirement Board-Top Plan **ATTRIBUTION ANALYSIS**

Attribution Effects 1 Year Ending December 31, 2023





Total Effects

Attribution Summary	y
Year Ending December 3	1, 202

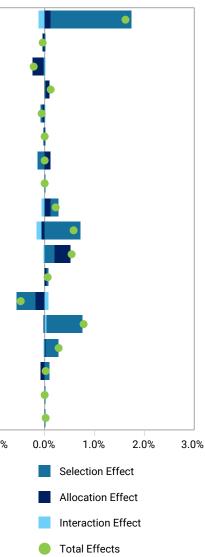
23

	Wtd. Actual Return (%)	Wtd. Index Return (%)	Excess Return (%)	Selection Effect (%)	Allocation Effect (%)	Total Effects (%)
U.S. Large Cap Equity Composite	26.3	26.3	0.0	0.0	-0.7	-0.7
U.S. Small/Mid Cap Equity Composite	16.5	17.4	-0.9	0.0	-0.1	-0.2
Non-U.S. Developed Mkts Equity Composite	16.4	18.9	-2.4	-0.1	-0.1	-0.2
Non-U.S. Emerging Mkts Equity Composite	9.9	9.8	0.0	0.0	0.0	0.0
Opportunistic Credit Composite	8.5	12.9	-4.4	-0.8	0.0	-0.8
Core Fixed Income Composite	6.5	5.5	0.9	0.0	0.1	0.1
Private Real Estate Composite	-1.2	-7.9	6.7	0.6	0.0	0.6
Real Assets Composite	9.6	7.5	2.2	0.2	0.0	0.3
Private Equity Composite	2.5	5.3	-2.8	-0.7	-0.3	-1.0
Other Diversifying Assets	11.2	7.1	4.0	0.2	0.1	0.4
Cash	2.5	5.0	-2.5	0.0	0.0	0.0
Non-U.S. Emerging Market Debt Composite	-4.4	11.9	-16.3	0.0	0.0	0.0
Absolute Return Composite	-7.4	7.0	-14.4	0.0	0.0	0.0
Global Asset Allocation/Risk Parity Composite	0.2	7.1	-6.9	0.0	-0.3	-0.3
Public Real Estate Composite	9.1	16.1	-7.0	0.0	0.0	0.0
Legacy Assets	0.2	5.0	-4.8	0.0	0.0	0.0
Parametric Overlay	78.5	5.0	73.5	0.0	0.0	0.0
Total Fund	8.7	10.5	-1.8	-0.5	-1.3	-1.8

New Mexico Educational Retirement Board-Top Plan ATTRIBUTION ANALYSIS

Attribution Effects 3 Years Ending December 31, 2023





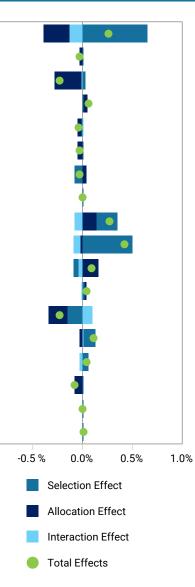
3 Years Ending December 31, 2023										
	Wtd. Actual Return (%)	Wtd. Index Return (%)	Excess Return (%)	Selection Effect (%)	Allocation Effect (%)	Total Effects (%)				
Cash	2.0	2.2	-0.2	0.0	0.0	0.0				
U.S. Large Cap Equity Composite	10.0	10.0	0.0	0.0	-0.2	-0.2				
Core Fixed Income Composite	-3.1	-3.3	0.2	0.0	0.1	0.1				
Non-U.S. Developed Mkts Equity Composite	3.4	4.2	-0.8	0.0	0.0	-0.1				
Public Real Estate Composite	6.2	7.5	-1.3	0.0	0.0	0.0				
Non-U.S. Emerging Mkts Equity Composite	-6.3	-5.1	-1.2	-0.1	0.1	0.0				
Absolute Return Composite	-5.0	4.0	-9.0	0.0	0.0	0.0				
Other Diversifying Assets	5.9	4.2	1.8	0.1	0.1	0.2				
Private Real Estate Composite	16.6	4.6	12.0	0.6	-0.1	0.6				
Private Equity Composite	18.1	15.9	2.2	0.2	0.3	0.5				
Non-U.S. Emerging Market Debt Composite	-6.2	-3.3	-2.9	0.0	0.0	0.1				
Global Asset Allocation/Risk Parity Composite	-2.8	4.2	-6.9	-0.3	-0.2	-0.5				
Opportunistic Credit Composite	8.6	3.7	4.9	0.8	0.0	0.8				
Real Assets Composite	12.8	9.9	2.9	0.2	0.0	0.3				
U.S. Small/Mid Cap Equity Composite	7.8	4.2	3.6	0.1	-0.1	0.0				
Legacy Assets	0.1	1.6	-1.6	0.0	0.0	0.0				
Parametric Overlay	21.3	1.6	19.7	0.0	0.0	0.0				
Total Fund	7.6	6.0	1.6	1.5	0.1	1.6				

Attribution Summary

New Mexico Educational Retirement Board-Top Plan ATTRIBUTION ANALYSIS

Attribution Effects 5 Years Ending December 31, 2023

Total Fund Cash U.S. Large Cap Equity Composite Core Fixed Income Composite Non-U.S. Developed Mkts Equity Composite Public Real Estate Composite Non-U.S. Emerging Mkts Equity Composite Absolute Return Composite Other Diversifying Assets Private Real Estate Composite Private Equity Composite Non-U.S. Emerging Market Debt Composite Global Asset Allocation/Risk Parity Composite **Opportunistic Credit Composite** Real Assets Composite U.S. Small/Mid Cap Equity Composite Legacy Assets Parametric Overlay -1.0 %



5 Years Ending December 31, 2023												
	Wtd. Actual Return (%)	Wtd. Index Return (%)	Excess Return (%)	Selection Effect (%)	Allocation Effect (%)	Total Effects (%)						
Cash	1.9	1.9	0.0	0.0	0.0	0.0						
U.S. Large Cap Equity Composite	16.0	15.7	0.3	0.0	-0.3	-0.2						
Core Fixed Income Composite	1.2	1.1	0.1	0.0	0.1	0.1						
Non-U.S. Developed Mkts Equity Composite	8.1	8.3	-0.2	0.0	0.0	0.0						
Public Real Estate Composite	6.7	7.6	-0.8	0.0	0.0	0.0						
Non-U.S. Emerging Mkts Equity Composite	3.0	3.7	-0.7	-0.1	0.0	0.0						
Absolute Return Composite	-4.7	3.9	-8.5	0.0	0.0	0.0						
Other Diversifying Assets	6.9	4.1	2.8	0.1	0.1	0.3						
Private Real Estate Composite	12.3	4.3	8.0	0.4	0.0	0.4						
Private Equity Composite	13.9	13.6	0.3	-0.1	0.2	0.1						
Non-U.S. Emerging Market Debt Composite	-0.6	1.4	-2.1	0.0	0.0	0.0						
Global Asset Allocation/Risk Parity Composite	1.5	3.9	-2.4	0.0	-0.2	-0.2						
Opportunistic Credit Composite	6.4	5.4	1.0	0.1	0.0	0.1						
Real Assets Composite	8.7	8.3	0.4	0.0	0.0	0.0						
U.S. Small/Mid Cap Equity Composite	11.9	11.7	0.2	0.0	-0.1	-0.1						
Legacy Assets	0.0	1.0	-0.9	0.0	0.0	0.0						
Parametric Overlay	12.3	1.0	11.3	0.0	0.0	0.0						
Total Fund	8.7	8.5	0.3	0.5	-0.3	0.3						

Attribution Summary

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3 Years Ending De	cember 31, 2	023				
	Return	Standard Deviation	Alpha	Tracking Error	Information Ratio	Beta
U.S. Large Cap Equity Composite	10.0 (10)	17.5 (35)	0.0 (11)	0.1 (1)	0.0 (10)	1.0 (46)
S&P 500 Index	10.0 (10)	17.5 (35)	0.0	0.0		1.0
InvMetrics Public DB US Equity Median	8.5	17.7	-1.3	2.8	-0.6	1.0
Population	47	47	47	47	47	47
U.S. Small/Mid Cap Equity Composite	7.8 (42)	20.1 (28)	3.6 (43)	3.8 (4)	0.9 (21)	1.0 (51)
NMERB Small/Mid Cap Equity Blended Index	4.2 (63)	20.4 (37)	0.0	0.0		1.0
eV US Small Cap Equity Median	6.6	20.9	2.5	7.1	0.3	1.0
Population	541	541	541	541	541	541
Non-U.S. Developed Mkts Equity Composite	3.4 (49)	17.0 (33)	-0.6 (50)	1.1 (2)	-0.5 (67)	1.0 (51)
MSCI EAFE (Net)	4.0 (41)	16.8 (28)	0.0	0.0		1.0
eV All EAFE Equity Median	3.3	17.5	-0.6	4.8	-0.1	1.0
Population	399	399	399	399	399	399
Non-U.S. Emerging Mkts Equity Composite	-6.3 (71)	18.0 (68)	-1.1 (70)	3.6 (14)	-0.3 (73)	1.0 (25)
MSCI Emerging Markets (Net)	-5.1 (60)	17.4 (51)	0.0	0.0		1.0
eV Emg Mkts Equity Median	-3.4	17.3	1.4	6.1	0.3	0.9
Population	390	390	390	390	390	390
Core Fixed Income Composite	-3.1 (79)	7.1 (59)	0.1 (80)	0.8 (25)	0.3 (78)	1.0 (38)
FTSE U.S. BIG Bond (Blended)	-3.3 (85)	7.2 (79)	0.0	0.0		1.0
InvMetrics Public DB US Fixed Income Median	-2.6	7.0	0.6	1.2	0.7	1.0
Population	36	36	36	36	36	36
Non-U.S. Emerging Market Debt Composite	-6.2 (98)	7.1 (8)	-4.5 (100)	6.3 (89)	-0.5 (97)	0.5 (94)
Non-U.S. EMD Custom Benchmark	-3.3 (76)	10.6 (47)	0.0	0.0		1.0
eV All Emg Mkts Fixed Inc Median	-2.2	10.7	0.8	3.7	0.3	1.0
Population	284	284	284	284	284	284
Opportunistic Credit Composite	8.6	3.0	7.3	4.4	1.0	0.3
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index	3.7	5.5	0.0	0.0		1.0

1 - Performance for Equity, Fixed Income, and Emerging Mkt Debt, Opportunistic Credit and GAA/Risk Parity composites are net of fees



	Return	Standard Deviation
Global Asset Allocation/Risk Parity Composite	-2.8	8.3
GAA/Risk Parity Custom Index	4.2	0.7
Real Estate Composite	13.3 (1)	7.0 (42)
NCREIF Property Index	4.6 (60) 7.1 (42)
InvMetrics Public DB Real Estate Public & Private Median	5.0	7.3
Population	29	29
Private Equity Composite	18.1 (31) 9.8 (30)
Private Equity Index	15.9 (63) 13.2 (79)
InvMetrics Public DB Private Eq Median	16.5	10.7
Population	27	27
Real Assets Composite	12.8 (37) 3.4 (1)
CPI + 4% (Seasonally Adjusted)	9.8 (49) 1.1 (1)
InvMetrics Public DB Real Assets/Commodities Median	9.1	8.9
Population	15	15

1 - Performance for Equity, Fixed Income, and Emerging Mkt Debt, Opportunistic Credit and GAA/Risk Parity composites are net of fees.



5 Years Ending Dec	ember 31, 20)23					
	Return	Standard Deviation	Alpha	Tracking Error	Inform Rat		Beta
U.S. Large Cap Equity Composite	16.00 (2)	18.32 (8)	0.42 (1)	0.48 (1)	0.49	(1)	0.99 (87)
S&P 500 Index	15.69 (3)	18.52 (14)	0.00	0.00			1.00
InvMetrics Public DB US Equity Median	14.36	19.17	-1.52	2.87	-0.37		1.03
Population	46	46	46	46	46		46
U.S. Small/Mid Cap Equity Composite	11.89 (45)	22.77 (24)	0.56 (46)	3.85 (2)	0.03	(48)	0.97 (61)
NMERB Small/Mid Cap Equity Blended Index	11.67 (49)	23.23 (35)	0.00	0.00			1.00
eV US Small Cap Equity Median	11.56	24.03	0.33	7.36	0.01		0.99
Population	524	524	524	524	524		524
Non-U.S. Developed Mkts Equity Composite	8.09 (51)	18.33 (32)	-0.12 (53)	1.15 (1)	-0.01	(56)	1.01 (53)
MSCI EAFE (Net)	8.16 (49)	18.08 (28)	0.00	0.00			1.00
eV All EAFE Equity Median	8.10	18.87	-0.03	5.29	0.03		1.02
Population	369	369	369	369	369		369
Non-U.S. Emerging Mkts Equity Composite	2.97 (86)	19.10 (26)	-0.60 (86)	3.39 (10)	-0.21	(90)	0.98 (53)
MSCI Emerging Markets (Net)	3.68 (76)	19.16 (29)	0.00	0.00			1.00
eV Emg Mkts Equity Median	5.04	19.79	1.48	5.96	0.29		0.98
Population	353	353	353	353	353		353
Core Fixed Income Composite	1.19 (85)	6.29 (62)	0.10 (87)	1.43 (25)	0.06	(82)	0.99 (28)
FTSE U.S. BIG Bond (Blended)	1.11 (87)	6.16 (39)	0.00	0.00			1.00
InvMetrics Public DB US Fixed Income Median	1.97	6.23	0.91	1.85	0.46		0.97
Population	35	35	35	35	35		35
Non-U.S. Emerging Market Debt Composite	-0.61 (98)	10.15 (22)	-1.73 (98)	5.12 (71)	-0.42	(99)	0.80 (79)
Non-U.S. EMD Custom Benchmark	1.44 (83)	11.37 (35)	0.00	0.00			1.00
eV All Emg Mkts Fixed Inc Median	2.34	12.06	0.98	4.22	0.23		1.03
Population	261	261	261	261	261		261
Opportunistic Credit Composite	6.41	5.46	4.81	7.36	0.11		0.30
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index	5.42	7.77	0.00	0.00			1.00

1 - Performance for Equity, Fixed Income, and Emerging Mkt Debt, Opportunistic Credit and GAA/Risk Parity composites are net of fees.



	Return	Standard Deviation
Global Asset Allocation/Risk Parity Composite	1.52	9.42
GAA/Risk Parity Custom Index	4.06	0.55
Real Estate Composite	10.45 (1)	7.06 (62)
NCREIF Property Index	4.33 (49)	5.63 (46)
InvMetrics Public DB Real Estate Public & Private Median	4.26	6.37
Population	27	27
Private Equity Composite	13.94 (66)	8.24 (4)
Private Equity Index	13.83 (67)	12.90 (80)
InvMetrics Public DB Private Eq Median	15.18	11.14
Population	26	26
Real Assets Composite	8.68 (18)	4.30 (3)
CPI + 4% (Seasonally Adjusted)	8.25 (19)	1.17 (1)
InvMetrics Public DB Real Assets/Commodities Median	6.38	11.90
Population	15	15

1 - Performance for Equity, Fixed Income, and Emerging Mkt Debt, Opportunistic Credit and GAA/Risk Parity composites are net of fees.



	Α	llocation			Per	formance (%	6)		
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
	100.0	16,330,279,680	3.2 (99)	8.7 (91)	7.6 (4)	8.7 (35)	7.5 (8)	8.9 (-)	Jul-83
			<u>4.6</u>	<u>10.5</u>	<u>6.0</u>	<u>8.5</u>	<u>7.1</u>	-	
			-1.4	-1.8	1.6	0.2	0.4	-	
			<u>9.9</u>	<u>15.2</u>	<u>0.5</u>	<u>6.6</u>	<u>4.8</u>	-	
			-6.7	-6.5	7.1	2.1	2.7	-	
de Bond			<u>9.7</u>	<u>17.7</u>	<u>4.7</u>	<u>10.0</u>	<u>8.1</u>	<u>9.5</u>	
			-6.5	-9.0	2.9	-1.3	-0.6	-0.6	
			<u>11.7</u>	<u>26.3</u>	<u>10.0</u>	<u>15.7</u>	<u>12.0</u>	<u>11.2</u>	
			-8.5	-17.6	-2 /	-7.0	-15	-2.3	

60% MSCI ACWI (Net)/40% FTSE WGBI			<u>9.9</u>	<u>15.2</u>	<u>0.5</u>	<u>6.6</u>	<u>4.8</u>	-	
Over/Under			-6.7	-6.5	7.1	2.1	2.7	-	
60% S&P 500 Index/40% FTSE U.S. Broad Investment-Grade Bond			<u>9.7</u>	<u>17.7</u>	<u>4.7</u>	<u>10.0</u>	<u>8.1</u>	<u>9.5</u>	
Over/Under			-6.5	-9.0	2.9	-1.3	-0.6	-0.6	
S&P 500 Index			<u>11.7</u>	<u>26.3</u>	<u>10.0</u>	<u>15.7</u>	<u>12.0</u>	<u>11.2</u>	
Over/Under			-8.5	-17.6	-2.4	-7.0	-4.5	-2.3	
FTSE U.S. Broad Investment-Grade Bond			<u>6.8</u>	<u>5.6</u>	-3.4	<u>1.1</u>	<u>1.8</u>	<u>6.3</u>	
Over/Under			-3.6	3.1	11.0	7.6	5.7	2.6	
InvMetrics Public DB > \$1 Billion Median			6.6	11.4	4.5	8.3	6.3	-	
Total Fund Ex Parametric Overlay	99.7	16,287,117,689	3.1 (99)	8.7 (91)	7.8 (3)	8.8 (30)	7.6 (7)	8.9 (-)	Jul-83
Policy Index			<u>4.6</u>	<u>10.5</u>	<u>6.0</u>	<u>8.5</u>	<u>7.1</u>	-	
Over/Under			-1.5	-1.8	1.8	0.3	0.5	-	
60% MSCI ACWI (Net)/40% FTSE WGBI			<u>9.9</u>	<u>15.2</u>	<u>0.5</u>	<u>6.6</u>	<u>4.8</u>	-	
Over/Under			-6.8	-6.5	7.3	2.2	2.8	-	
60% S&P 500 Index/40% FTSE U.S. Broad Investment-Grade Bond			<u>9.7</u>	<u>17.7</u>	<u>4.7</u>	<u>10.0</u>	<u>8.1</u>	<u>9.5</u>	
Over/Under			-6.6	-9.0	3.1	-1.2	-0.5	-0.6	
S&P 500 Index			<u>11.7</u>	<u>26.3</u>	<u>10.0</u>	<u>15.7</u>	<u>12.0</u>	<u>11.2</u>	
Over/Under			-8.6	-17.6	-2.2	-6.9	-4.4	-2.3	
FTSE U.S. Broad Investment-Grade Bond			<u>6.8</u>	<u>5.6</u>	<u>-3.4</u>	<u>1.1</u>	<u>1.8</u>	<u>6.3</u>	
Over/Under			-3.7	3.1	11.2	7.7	5.8	2.6	
InvMetrics Public DB > \$1 Billion Median			6.6	11.4	4.5	8.3	6.3	-	
U.S. Equity Composite	16.0	2,611,207,675	11.7 (66)	24.2 (50)	9.5 (16)	15.2 (14)	11.6 (7)	11.4 (-)	Jan-85
InvMetrics Public DB US Equity Median			11.9	24.2	8.5	14.4	10.5	-	
Russell 3000 Index			<u>12.1</u>	<u>26.0</u>	<u>8.5</u>	<u>15.2</u>	<u>11.5</u>	<u>11.3</u>	
Over/Under			-0.4	-1.8	1.0	0.0	0.1	0.1	

Total Fund Policy Index Over/Under

	Al	location			Per	formance ('	%)		
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
U.S. Large Cap Equity Composite	12.8	2,094,577,759	11.7 (66)	26.3 (14)	10.0 (10)	16.0 (2)	12.1 (4)	7.9 (-)	Aug-99
S&P 500 Index			<u>11.7</u>	<u>26.3</u>	<u>10.0</u>	<u>15.7</u>	<u>12.0</u>	<u>7.4</u>	
Over/Under			0.0	0.0	0.0	0.3	0.1	0.5	
InvMetrics Public DB US Equity Median			11.9	24.2	8.5	14.4	10.5	-	
S&P 500 Index Fund	12.8	2,094,577,759	11.7 (45)	26.3 (25)	10.0 (30)	16.0 (19)	12.1 (13)	7.0 (75)	Jan-00
S&P 500 Index			<u>11.7</u>	<u>26.3</u>	<u>10.0</u>	<u>15.7</u>	<u>12.0</u>	<u>7.0</u>	
Over/Under			0.0	0.0	0.0	0.3	0.1	0.0	
eV US Large Cap Core Equity Median			11.5	21.6	8.9	14.4	11.0	7.8	
U.S. Small/Mid Cap Equity Composite	3.2	516,629,916	11.7 (56)	16.5 (50)	7.8 (42)	11.9 (46)	8.5 (39)	7.7 (94)	Aug-99
NMERB Small/Mid Cap Equity Blended Index			<u>13.4</u>	<u>17.4</u>	<u>4.2</u>	<u>11.7</u>	<u>8.4</u>	<u>8.3</u>	
Over/Under			-1.7	-0.9	3.6	0.2	0.1	-0.6	
eV US Small Cap Equity Median			12.0	16.5	6.7	11.6	8.0	9.8	
S&P 400 Mid-Cap	3.2	516,629,916	11.7 (55)	16.5 (61)	7.9 (43)	11.9 (68)	-	8.3 (66)	Nov-17
Russell 2500 Index			<u>13.4</u>	<u>17.4</u>	<u>4.2</u>	<u>11.7</u>	-	<u>8.1</u>	
Over/Under			-1.7	-0.9	3.7	0.2	-	0.2	
eV US Mid Cap Equity Median			11.8	18.5	7.1	12.9	-	9.3	

	Al	location			Perf	ormance (%	6)		
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Non-U.S. Equity Composite	9.4	1,539,666,862	9.2 (74)	12.7 (85)	-2.5 (76)	5.0 (95)	2.9 (92)	5.7 (89)	Jul-95
MSCI AC World ex USA			<u>9.8</u>	<u>16.2</u>	<u>2.0</u>	<u>7.6</u>	<u>4.3</u>	<u>5.6</u>	
Over/Under			-0.6	-3.5	-4.5	-2.6	-1.4	0.1	
eV All ACWI ex-US Equity Median			10.3	16.4	1.4	8.1	4.5	6.4	
Non-U.S. Developed Mkts Equity Composite	5.0	816,568,359	9.7 (59)	16.4 (57)	3.4 (48)	8.1 (50)	4.0 (69)	5.9 (71)	Sep-95
MSCI EAFE			<u>10.5</u>	<u>18.9</u>	<u>4.5</u>	<u>8.7</u>	<u>4.8</u>	<u>5.5</u>	
Over/Under			-0.8	-2.5	-1.1	-0.6	-0.8	0.4	
eV All EAFE Equity Median			10.2	17.1	3.2	8.1	4.5	6.3	
BlackRock MSCI EAFE	4.2	678,784,177	10.4 (46)	18.7 (30)	4.4 (34)	8.5 (39)	4.6 (43)	5.6 (42)	Aug-13
MSCI EAFE			<u>10.5</u>	<u>18.9</u>	<u>4.5</u>	<u>8.7</u>	<u>4.8</u>	<u>5.7</u>	
Over/Under			-0.1	-0.2	-0.1	-0.2	-0.2	-0.1	
eV All EAFE Equity Median			10.2	17.1	3.2	8.1	4.5	5.4	
Global Alpha International Small Cap	0.8	137,784,182	6.6 (99)	6.5 (85)	-1.0 (64)	-	-	2.0 (79)	Dec-19
MSCI EAFE			<u>10.5</u>	<u>18.9</u>	<u>4.5</u>	-	-	<u>6.2</u>	
Over/Under			-3.9	-12.4	-5.5	-	-	-4.2	
MSCI EAFE Small Cap (Net)			<u>11.1</u>	<u>13.2</u>	<u>-0.7</u>	-	-	<u>3.4</u>	
Over/Under			-4.5	-6.7	-0.3	-	-	-1.4	
eV EAFE Small Cap Equity Median			10.5	13.8	0.3	-	-	4.1	



	Allo	ocation			Perf	ormance (%	6)		
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Non-U.S. Emerging Mkts Equity Composite	4.4	723,098,502	8.6 (36)	9.9 (63)	-6.3 (71)	3.0 (85)	2.0 (85)	5.3 (92)	Sep-00
MSCI Emerging Markets (N)			<u>7.9</u>	<u>9.8</u>	<u>-5.1</u>	<u>3.7</u>	<u>2.7</u>	<u>6.4</u>	
Over/Under			0.7	0.1	-1.2	-0.7	-0.7	-1.1	
eV Emg Mkts Equity Median			7.9	12.0	-3.3	5.1	3.3	7.2	
RBC GAM EME Fund	2.4	388,116,826	8.4 (41)	11.2 (57)	-2.9 (48)	-	-	2.8 (57)	Aug-19
MSCI Emerging Markets (N)			<u>7.9</u>	<u>9.8</u>	<u>-5.1</u>	-	-	<u>2.1</u>	
Over/Under			0.5	1.4	2.2	-	-	0.7	
eV Emg Mkts Equity Median			7.9	12.0	-3.3	-	-	3.4	
UBS Emerging Markets EQ OPP	2.1	334,974,707	8.9 (30)	9.2 (68)	-9.1 (89)	-	-	1.8 (73)	Aug-19
MSCI Emerging Markets (N)			<u>7.9</u>	<u>9.8</u>	<u>-5.1</u>	-	-	<u>2.1</u>	
Over/Under			1.0	-0.6	-4.0	-	-	-0.3	
eV Emg Mkts Equity Median			7.9	12.0	-3.3	-	-	3.4	
State Street Bank + Trust Co	0.0	83	1.4 (100)	-	-	-	-	3.3 (87)	May-23
MSCI Emerging Markets (N)			<u>7.9</u>	-	-	-	-	<u>6.9</u>	
Over/Under			-6.5	-	-	-	-	-3.6	
eV Emg Mkts Equity Median			7.9	-	-	-	-	7.4	

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	A	location	_		Perf	ormance (%	6)		
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Fixed Income Composite	22.1	3,601,085,362	3.4 (99)	8.0 (6)	5.3 (2)	5.1 (2)	4.9 (1)	3.3 (-)	Jan-85
FTSE U.S. BIG Bond (Blended)			<u>6.9</u>	<u>5.6</u>	<u>-3.3</u>	<u>1.1</u>	<u>1.8</u>	<u>6.0</u>	
Over/Under			-3.5	2.4	8.6	4.0	3.1	-2.7	
InvMetrics Public DB US Fixed Income Median			6.4	6.5	-2.6	2.0	2.4	-	
Core Fixed Income Composite	5.0	820,036,879	6.6 (39)	6.5 (53)	-3.1 (79)	1.2 (85)	2.0 (84)	4.2 (-)	Dec-99
FTSE U.S. BIG Bond (Blended)			<u>6.9</u>	<u>5.6</u>	<u>-3.3</u>	<u>1.1</u>	<u>1.8</u>	<u>4.0</u>	
Over/Under			-0.3	0.9	0.2	0.1	0.2	0.2	
InvMetrics Public DB US Fixed Income Median			6.4	6.5	-2.6	2.0	2.4	-	
Core Fixed Income	5.0	820,036,879	6.6 (71)	6.5 (17)	-3.1 (46)	1.2 (79)	-	1.3 (68)	Apr-15
FTSE U.S. BIG Bond (Blended)			<u>6.9</u>	<u>5.6</u>	<u>-3.3</u>	<u>1.1</u>	-	<u>1.2</u>	
Over/Under			-0.3	0.9	0.2	0.1	-	0.1	
eV US Core Fixed Inc Median			6.8	5.9	-3.1	1.4	-	1.5	

	Allo	ocation			Per	formance (%	6)		
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Non-U.S. Emerging Market Debt Composite	0.0	70,698	1.6 (100)	-4.4 (100)	-6.2 (98)	-0.6 (98)	0.3 (89)	0.4 (86)	Sep-11
Non-U.S. EMD Custom Benchmark			<u>8.6</u>	<u>11.9</u>	<u>-3.3</u>	<u>1.4</u>	<u>0.2</u>	<u>-0.2</u>	
Over/Under			-7.0	-16.3	-2.9	-2.0	0.1	0.6	
eV All Emg Mkts Fixed Inc Median			8.5	11.5	-2.3	2.3	2.7	3.0	
EMSO	0.0		0.4 (100)	-1.0 (100)	-4.3 (88)	-0.1 (97)	1.7 (71)	2.3 (67)	Sep-11
JP Morgan GBI - EM Global Diversified Index			<u>8.1</u>	<u>12.7</u>	<u>-3.2</u>	<u>1.1</u>	<u>0.1</u>	<u>-0.2</u>	
Over/Under			-7.7	-13.7	-1.1	-1.2	1.6	2.5	
eV All Emg Mkts Fixed Inc Median			8.5	11.5	-2.3	2.3	2.7	3.0	
Prudential	0.0	70,696	1.6 (100)	-0.2 (100)	-5.6 (97)	0.4 (94)	-	2.7 (85)	Feb-16
50% JPM EMBI Global Diversified/ 50% JPM GBI-EM Global Diversified			<u>8.6</u>	<u>11.9</u>	<u>-3.3</u>	<u>1.4</u>	-	<u>3.0</u>	
Over/Under			-7.0	-12.1	-2.3	-1.0	-	-0.3	
eV All Emg Mkts Fixed Inc Median			8.5	11.5	-2.3	2.3	-	3.5	

	A	location		Pe	rformance ((%)			
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Opportunistic Credit Composite	17.0	2,780,977,785	2.5	8.5	8.6	6.4	6.2	7.7	May-08
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	<u>4.5</u>	<u>5.5</u>	
Over/Under			-2.5	-4.4	4.9	1.0	1.7	2.2	
ICE BofA High Yield BB-B Constrained Index			7.1	12.6	1.7	5.2	4.5	6.1	Jan-97
Beachpoint Combined	3.7	604,106,534	5.1	14.2	5.0	6.6	5.6	6.6	Mar-04
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	<u>4.5</u>	<u>5.4</u>	
Over/Under			0.1	1.3	1.3	1.2	1.1	1.2	
GoldenTree Combined	1.8	289,218,035	4.2	11.8	10.6	8.9	7.1	8.8	Oct-09
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	<u>4.5</u>	<u>5.8</u>	
Over/Under			-0.8	-1.1	6.9	3.5	2.6	3.0	
Medley Capital	0.0	1,987,462	-12.4	-9.0	-2.7	-9.1	-3.9	-1.6	Aug-11
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	<u>4.5</u>	<u>5.0</u>	
Over/Under			-17.4	-21.9	-6.4	-14.5	-8.4	-6.6	
Waterfall - Eden	2.3	376,746,370	1.1	2.4	7.8	4.9	6.1	7.7	Aug-11
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	<u>4.5</u>	<u>5.0</u>	
Over/Under			-3.9	-10.5	4.1	-0.5	1.6	2.7	
Waterfall - Victoria	0.6	91,969,732	-3.4	-9.9	-0.3	1.1	5.8	6.7	Aug-11
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	<u>4.5</u>	<u>5.0</u>	
Over/Under			-8.4	-22.8	-4.0	-4.3	1.3	1.7	
Gramercy Distressed Opp II	0.4	57,676,244	-4.3	-10.1	-3.6	-7.8	-4.8	-2.5	Jul-12
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	<u>4.5</u>	<u>5.0</u>	
Over/Under			-9.3	-23.0	-7.3	-13.2	-9.3	-7.5	



	Allo	ocation			Pe	erformance (%)		
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Lone Star VIII	0.0	7,351,111	-15.8	-30.6	-13.5	-12.3	-1.1	-1.8	Oct-13
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under			<u>5.0</u> -20.8	<u>12.9</u> -43.5	<u>3.7</u> -17.2	<u>5.4</u> -17.7	<u>4.5</u> -5.6	<u>4.7</u> -6.5	
Marathon European Credit Opportunity II	0.0	25	-1.3	-11.3	-6.7	-2.3	-	2.4	Mar-14
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under			<u>5.0</u> -6.3	<u>12.9</u> -24.2	<u>3.7</u> -10.4	<u>5.4</u> -7.7	-	<u>4.4</u> -2.0	
Lone Star IX	0.2	27,848,799	0.6	9.4	29.1	16.7	-	1.7	Apr-15
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under	0.2		<u>5.0</u> -4.4	<u>12.9</u> -3.5	<u>3.7</u> 25.4	<u>5.4</u> 11.3	-	<u>4.6</u> -2.9	<i>.</i> .p c
Kildare European Partners I LP	0.0	5,102,761	-7.1	-32.2	-6.4	-10.3	-	0.5	May-14
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under			<u>5.0</u> -12.1	<u>12.9</u> -45.1	<u>3.7</u> -10.1	<u>5.4</u> -15.7	-	<u>4.4</u> -3.9	
Black Forest	0.1	20,814,068	-7.6	-12.0	-3.1	-1.9	-	2.3	Aug-14
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under			<u>5.0</u> -12.6	<u>12.9</u> -24.9	<u>3.7</u> -6.8	<u>5.4</u> -7.3	-	<u>4.4</u> -2.1	5
Gramercy Distressed Opp III	0.2	33,732,807	-2.7	7.1	1.1	-2.8	-	-2.7	Jan-16
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under			<u>5.0</u> -7.7	<u>12.9</u> -5.8	<u>3.7</u> -2.6	<u>5.4</u> -8.2	-	<u>5.5</u> -8.2	
GSO Capital Opp III	0.2	25,275,424	2.6	13.4	13.0	10.3	-	9.7	Oct-16
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under			<u>5.0</u> -2.4	<u>12.9</u> 0.5	<u>3.7</u> 9.3	<u>5.4</u> 4.9	-	<u>4.7</u> 5.0	
Cross Ocean ESS II	0.1	14,946,803	0.8	0.0	6.6	5.4	-	7.5	May-17
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under			<u>5.0</u> -4.2	<u>12.9</u> -12.9	<u>3.7</u> 2.9	<u>5.4</u> 0.0	-	<u>4.4</u> 3.1	



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	Allo	ocation	rformance (%)					
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
OWS CREDIT OPPORTUNITY FD	1.0	157,100,600	2.2	9.5	9.5	6.4	-	7.2	Jul-17
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	-	<u>4.4</u>	
Over/Under			-2.8	-3.4	5.8	1.0	-	2.8	
TAIGA SPECIAL OPP DAC LP	1.2	199,378,439	3.3	14.5	13.7	8.7	-	9.5	Aug-17
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	-	<u>4.3</u>	
Over/Under			-1.7	1.6	10.0	3.3	-	5.2	
Sutherland Asset Management	0.3	46,164,324	4.6	5.1	8.2	6.8	-	3.8	Jul-17
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	-	<u>4.4</u>	
Over/Under			-0.4	-7.8	4.5	1.4	-	-0.6	
OHA Strategic Credit II	0.3	43,514,990	-4.8	2.3	13.4	9.5	-	13.4	Dec-17
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	-	<u>4.4</u>	
Over/Under			-9.8	-10.6	9.7	4.1	-	9.0	
Lone Star X	0.3	48,142,280	3.9	24.0	33.9	22.3	-	8.0	Jan-18
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	-	<u>4.4</u>	
Over/Under			-1.1	11.1	30.2	16.9	-	3.6	
Kildare European Partners II LP	0.3	43,975,348	0.0	-12.3	6.5	7.7	-	7.0	Nov-18
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	-	<u>4.7</u>	
Over/Under			-5.0	-25.2	2.8	2.3	-	2.3	
Riverstone Credit Partners II	0.3	47,134,276	-1.9	-2.3	17.4	11.1	-	7.7	Dec-18
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	-	<u>4.9</u>	
Over/Under			-6.9	-15.2	13.7	5.7	-	2.8	
RCP II N Strategic Credit	0.1	15,186,805	3.6	9.7	16.2	13.7	-	13.7	Jan-19
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index			<u>5.0</u>	<u>12.9</u>	<u>3.7</u>	<u>5.4</u>	-	<u>5.4</u>	
Over/Under			-1.4	-3.2	12.5	8.3	-	8.3	



	Allo	ocation			Perf	ormance (S	%)		
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
OLEA SPECIAL OPPS OFFSHORE I	0.1	8,759,500	8.1	22.2	4.3	-	-	9.6	Jun-19
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under			<u>5.0</u> 3.1	<u>12.9</u> 9.3	<u>3.7</u> 0.6	-	-	<u>4.5</u> 5.1	
Cross Ocean USD ESS III	0.5	85,266,729	5.0	15.7	15.3	-	-	14.3	Nov-19
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under			<u>5.0</u> 0.0	<u>12.9</u> 2.8	<u>3.7</u> 11.6	-	-	<u>4.3</u> 10.0	
The Varde Fund XIII, L.P.	0.6	98,160,589	3.9	10.3	7.4	-	-	9.3	Jan-20
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under		-,, -	<u>5.0</u> -1.1	<u>12.9</u> -2.6	<u>3.7</u> 3.7	-		<u>3.9</u> 5.4	
PIMCO Corp Opps Fund III	1.0	158,502,420	3.0	5.4	21.1	-	-	21.8	May-20
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under			<u>5.0</u> -2.0	<u>12.9</u> -7.5	<u>3.7</u> 17.4	-	-	<u>7.0</u> 14.8	
BPC Tactical Fund LP	0.5	83,347,762	1.6	22.9	11.2	-	-	10.8	Jul-20
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under			<u>5.0</u> -3.4	<u>12.9</u> 10.0	<u>3.7</u> 7.5	-	-	<u>5.8</u> 5.0	
Cross Ocean USD ESS IV FD	0.4	69,911,829	5.3	16.3	-	-	-	11.0	Oct-21
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under			<u>5.0</u> 0.3	<u>12.9</u> 3.4	-	-	-	<u>3.1</u> 7.9	
Waterfall Dislocation Opp Fund	0.7	114,386,100	5.0	13.5	-	-	-	11.9	Oct-22
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under			<u>5.0</u> 0.0	<u>12.9</u> 0.6	-	-	-	<u>13.1</u> -1.2	
PIMCO Corp Opps Fund IV	0.0	5,269,620	2.5	-	-	-	-	6.8	Apr-23
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index Over/Under			<u>5.0</u> -2.5	-	-	-	-	<u>9.2</u> -2.4	



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	Al	location			Perf	ormance (%	6)		
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
GAA, Risk Parity, and Other Diversifying Assets	8.2	1,334,845,366	-0.1	7.9	0.2	3.3	3.4	5.5	Oct-09
SOFR 90 Day + 2%			<u>1.8</u>	<u>7.1</u>	<u>4.2</u>	<u>4.1</u>	<u>3.5</u>	<u>3.1</u>	
Over/Under			-1.9	0.8	-4.0	-0.8	-0.1	2.4	
Global Asset Allocation/Risk Parity Composite	2.0	325,597,273	-6.9	0.2	-2.8	1.5	2.4	4.8	Oct-09
GAA/Risk Parity Custom Index			<u>1.8</u>	<u>7.1</u>	<u>4.2</u>	<u>4.1</u>	<u>4.6</u>	<u>5.7</u>	
Over/Under			-8.7	-6.9	-7.0	-2.6	-2.2	-0.9	
Global Asset Allocation Composite	2.0	325,597,273	-6.9	-2.8	2.4	1.4	1.9	1.9	Nov-12
Credit Suisse Hedge Global Macro			<u>1.0</u>	<u>-5.2</u>	<u>6.4</u>	<u>7.2</u>	<u>4.4</u>	<u>4.6</u>	
Over/Under			-7.9	2.4	-4.0	-5.8	-2.5	-2.7	
Bridgewater Pure Alpha	2.0	325,597,273	-6.9 (100)	-2.8 (100)	3.3 (25)	0.7 (96)	2.4 (89)	4.7 (82)	Oct-09
Credit Suisse Hedge Global Macro			<u>1.0</u>	<u>-5.2</u>	<u>6.4</u>	<u>7.2</u>	<u>4.4</u>	<u>5.3</u>	
Over/Under			-7.9	2.4	-3.1	-6.5	-2.0	-0.6	
eV Global TAA Median			8.3	11.1	1.5	6.1	4.6	6.0	



December 31, 2023

	A	location			Ре	rformance (%)		
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Other Diversifying Assets	6.2	1,009,248,093	2.3	11.2	5.9	6.9	-	7.6	Feb-18
SOFR 90 Day + 2%			<u>1.8</u>	<u>7.1</u>	<u>4.2</u>	<u>4.1</u>	-	<u>4.1</u>	
Over/Under			0.5	4.1	1.7	2.8	-	3.5	
EIG Energy Fund XVII	0.5	75,226,465	1.9	16.0	11.5	6.8	-	8.2	Apr-18
SOFR 90 Day + 2%			<u>1.8</u>	<u>7.1</u>	<u>4.2</u>	<u>4.1</u>	-	<u>4.1</u>	
Over/Under			0.1	8.9	7.3	2.7	-	4.1	
The 1609 Fund LTD.	1.0	158,390,816	3.8	7.2	0.2	-0.3	-	1.6	Feb-18
SOFR 90 Day + 2%			<u>1.8</u>	<u>7.1</u>	<u>4.2</u>	<u>4.1</u>	-	<u>4.1</u>	
Over/Under			2.0	0.1	-4.0	-4.4	-	-2.5	
OLEA SPECIAL OPPS OFFSHORE I	0.2	25,195,007	8.2	22.4	4.3	11.6	-	10.4	Oct-18
SOFR 90 Day + 2%			<u>1.8</u>	<u>7.1</u>	<u>4.2</u>	<u>4.1</u>	-	<u>4.1</u>	
Over/Under			6.4	15.3	0.1	7.5	-	6.3	
Orchard Liquid Credit Fund	0.5	86,592,200	-4.9	-14.6	-7.2	-1.0	-	-0.8	Oct-18
SOFR 90 Day + 2%			<u>1.8</u>	<u>7.1</u>	<u>4.2</u>	<u>4.1</u>	-	<u>4.1</u>	
Over/Under			-6.7	-21.7	-11.4	-5.1	-	-4.9	
Orbimed Royalty Credit Opp III	0.3	47,262,438	2.7	14.7	19.5	-	-	24.4	Oct-19
SOFR 90 Day + 2%			<u>1.8</u>	<u>7.1</u>	<u>4.2</u>	-	-	<u>3.9</u>	
Over/Under			0.9	7.6	15.3	-	-	20.5	
AE Industrial Partners Aerospace	1.0	166,917,532	5.1	17.1	18.4	-	-	15.2	Apr-20
SOFR 90 Day + 2%			<u>1.8</u>	<u>7.1</u>	<u>4.2</u>	-	-	<u>3.9</u>	
Over/Under			3.3	10.0	14.2	-	-	11.3	
Cloverlay Solutions (Bravo)	0.8	138,648,913	0.8	16.4	4.6	-	-	4.5	Dec-20
SOFR 90 Day + 2%			<u>1.8</u>	<u>7.1</u>	<u>4.2</u>	-	-	<u>4.1</u>	
Over/Under			-1.0	9.3	0.4	-	-	0.4	



	Allo	cation			Perf	ormance (S	%)		
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Longford Capital Fund III, LP	0.2	36,778,945	9.8	30.8	-	-	-	39.7	Oct-21
SOFR 90 Day + 2%			<u>1.8</u>	<u>7.1</u>	-	-	-	<u>4.8</u>	
Over/Under			8.0	23.7	-	-	-	34.9	
Lyric Capital Royalty Fund II	0.2	27,103,056	0.1	16.5	-	-	-	10.8	Jul-22
SOFR 90 Day + 2%			<u>1.8</u>	<u>7.1</u>	-	-	-	<u>6.3</u>	
Over/Under			-1.7	9.4	-	-	-	4.5	
Orbimed Royalty	0.1	24,159,151	7.6	21.6	-	-	-	19.3	Sep-22
SOFR 90 Day + 2%			<u>1.8</u>	<u>7.1</u>	-	-	-	<u>6.6</u>	
Over/Under			5.8	14.5	-	-	-	12.7	
Pinion Master Segregated Portfolio	0.7	106,611,014	0.0	2.8	-	-	-	2.4	Nov-22
SOFR 90 Day + 2%			<u>1.8</u>	<u>7.1</u>	-	-	-	<u>7.0</u>	
Over/Under			-1.8	-4.3	-	-	-	-4.6	
Cloverlay Solutions (Bravo II)	0.5	81,719,585	3.9	3.4	-	-	-	3.4	Jan-23
SOFR 90 Day + 2%			<u>1.8</u>	<u>7.1</u>	-	-	-	<u>7.1</u>	
Over/Under			2.1	-3.7	-	-	-	-3.7	
EIG Bandelier Partners LP	0.2	34,642,972	0.7	-	-	-	-	13.3	Jun-23
SOFR 90 Day + 2%			<u>1.8</u>	-	-	-	-	<u>4.3</u>	
Over/Under			-1.1	-	-	-	-	9.0	

	A	location			Per	formance (S	%)		
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Private Equity Composite	22.6	3,696,951,772	-1.2 (97)	2.5 (84)	18.1 (31)	13.9 (66)	14.3 (33)	9.1 (-)	Jun-06
Private Equity Index			<u>0.1</u>	<u>5.3</u>	<u>15.9</u>	<u>13.8</u>	<u>13.2</u>	<u>12.4</u>	
Over/Under			-1.3	-2.8	2.2	0.1	1.1	-3.3	
InvMetrics Public DB Private Eq Median			0.5	6.0	16.5	15.2	13.7	-	
Real Assets Composite	10.8	1,771,627,546	1.3 (65)	9.6 (13)	12.8 (37)	8.7 (18)	8.5 (-)	4.8 (-)	Jul-08
CPI + 4% (Seasonally Adjusted)			<u>1.5</u>	<u>7.5</u>	<u>9.8</u>	<u>8.2</u>	<u>6.9</u>	<u>6.4</u>	
Over/Under			-0.2	2.1	3.0	0.5	1.6	-1.6	
InvMetrics Public DB Real Assets/Commodities Median			2.0	5.9	9.1	6.4	-	-	
Infrastructure Composite	4.0	659,391,496	3.1	11.4	13.2	11.3	9.5	5.7	Jul-08
Infrastructure	4.0	656,303,859	3.1	11.4	13.0	11.5	9.0	5.4	Jul-08
CPI + 4% (Seasonally Adjusted)			<u>1.5</u>	<u>7.5</u>	<u>9.8</u>	<u>8.2</u>	<u>6.9</u>	<u>6.4</u>	
Over/Under			1.6	3.9	3.2	3.3	2.1	-1.0	
International Infrastructure	0.0	3,087,637	-0.6	12.9	-6.0	-5.8	7.5	-3.0	Jan-13
CPI + 4% (Seasonally Adjusted)			<u>1.5</u>	<u>7.5</u>	<u>9.8</u>	<u>8.2</u>	<u>6.9</u>	<u>6.8</u>	
Over/Under			-2.1	5.4	-15.8	-14.0	0.6	-9.8	
Natural Resources	6.8	1,112,236,050	0.3	8.6	12.7	7.0	7.7	5.5	Mar-09
Harvest Fund	0.5	82,467,071	4.0	19.5	30.7	13.7	-	6.8	Aug-16
Alerian MLP Index			<u>5.0</u>	<u>26.6</u>	<u>32.4</u>	<u>12.0</u>	-	<u>5.4</u>	
Over/Under			-1.0	-7.1	-1.7	1.7	-	1.4	
Energy	1.9	313,246,256	-0.5	6.9	18.9	5.5	5.5	5.5	Jan-14
CPI + 4% (Seasonally Adjusted)			<u>1.5</u>	<u>7.5</u>	<u>9.8</u>	<u>8.2</u>	<u>6.9</u>	<u>6.9</u>	
Over/Under			-2.0	-0.6	9.1	-2.7	-1.4	-1.4	
Agriculture Composite	2.2	367,371,217	0.5	6.5	6.6	6.5	5.1	5.1	Aug-12
NCREIF Farmland			<u>2.3</u>	<u>5.0</u>	<u>7.5</u>	<u>6.0</u>	<u>7.3</u>	<u>9.2</u>	
Over/Under			-1.8	1.5	-0.9	0.5	-2.2	-4.1	
Timber Composite	0.8	135,429,365	0.6	8.8	9.2	6.7	6.8	4.9	Mar-09
NCREIF Timberland Index			<u>4.3</u>	<u>9.5</u>	<u>10.5</u>	<u>6.6</u>	<u>5.8</u>	<u>4.8</u>	
Over/Under			-3.7	-0.7	-1.3	0.1	1.0	0.1	
Mitigation Banking	0.4	60,590,912	0.7	7.7	9.1	8.1	9.6	3.9	Mar-11
CPI + 4% (Seasonally Adjusted)			<u>1.5</u>	<u>7.5</u>	<u>9.8</u>	<u>8.2</u>	<u>6.9</u>	<u>6.7</u>	
Over/Under			-0.8	0.2	-0.7	-0.1	2.7	-2.8	
Water Property Investor, L.P.	0.9	153,131,229	-1.0	11.0	9.5	13.1	-	8.6	Jan-15
CPI + 4% (Seasonally Adjusted)			<u>1.5</u>	<u>7.5</u>	<u>9.8</u>	<u>8.2</u>	-	<u>7.1</u>	
Over/Under			-2.5	3.5	-0.3	4.9	-	1.5	



	A	location			Per	formance (%)		
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Real Estate Composite	9.7	1,578,170,252	-1.1 (29)	0.6 (3)	13.3 (1)	10.4 (1)	10.9 (1)	10.1 (-)	Dec-03
NCREIF Property Index			<u>-3.0</u>	<u>-7.9</u>	<u>4.6</u>	<u>4.3</u>	<u>6.8</u>	<u>7.8</u>	
Over/Under			1.9	8.5	8.7	6.1	4.1	2.3	
Wilshire REIT			<u>16.3</u>	<u>16.1</u>	<u>7.5</u>	<u>7.6</u>	<u>7.7</u>	<u>8.2</u>	
Over/Under			-17.4	-15.5	5.8	2.8	3.2	1.9	
InvMetrics Public DB Real Estate Public & Private Median			-2.2	-7.4	5.0	4.3	7.1	-	
Public Real Estate Composite	1.6	254,532,735	13.4 (1)	9.1 (1)	6.2 (31)	6.7 (2)	6.5 (59)	7.8 (-)	Dec-03
MSCI U.S. REIT Index (Blended)			<u>16.0</u>	<u>15.8</u>	<u>7.4</u>	<u>7.5</u>	<u>7.7</u>	<u>8.2</u>	
Over/Under			-2.6	-6.7	-1.2	-0.8	-1.2	-0.4	
InvMetrics Public DB Real Estate Public & Private Median			-2.2	-7.4	5.0	4.3	7.1	-	
Brookfield	1.6	254,532,735	13.4 (94)	9.1 (97)	6.2 (40)	6.7 (75)	6.1 (86)	7.1 (72)	Jul-11
MSCI U.S. REIT Index (Blended)			<u>15.9</u>	<u>12.5</u>	<u>6.0</u>	<u>6.2</u>	<u>6.3</u>	<u>6.2</u>	
Over/Under			-2.5	-3.4	0.2	0.5	-0.2	0.9	
eV US REIT Median			16.4	12.7	6.0	8.0	7.8	7.6	
Private Real Estate Composite	8.1	1,323,637,517	-3.5 (100)	-1.2 (20)	16.6 (1)	12.3 (-)	13.1 (-)	9.8 (-)	Jan-08
NCREIF Property Index			<u>-3.0</u>	<u>-7.9</u>	<u>4.6</u>	<u>4.3</u>	<u>6.8</u>	<u>5.6</u>	
Over/Under			-0.5	6.7	12.0	8.0	6.3	4.2	
InvMetrics Public DB Real Estate Private Median			-1.0	-5.1	8.7	-	-	-	
U.S. Private Real Estate	7.6	1,248,695,554	-3.9	-1.7	16.1	12.0	13.0	10.1	Jan-08
NCREIF Property Index			<u>-3.0</u>	<u>-7.9</u>	<u>4.6</u>	<u>4.3</u>	<u>6.8</u>	<u>5.6</u>	
Over/Under			-0.9	6.2	11.5	7.7	6.2	4.5	
Raith Core Plus Real Estate	0.5	74,941,963	2.8	7.5	9.4	-	-	9.4	Jul-20
NCREIF Property Index			<u>-3.0</u>	<u>-7.9</u>	<u>4.6</u>	-	-	<u>4.5</u>	
Over/Under			5.8	15.4	4.8	-	-	4.9	



	Allo	ocation			Ре	rformance (%)		
	% of Portfolio	Market Value (\$)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Cash	0.9	153,562,632							
Cash	0.9	150,531,650	0.7	3.2	15.7	10.0	5.4	2.9	Dec-99
90 Day U.S. Treasury Bill			<u>1.4</u>	<u>5.0</u>	<u>2.2</u>	<u>1.9</u>	<u>1.2</u>	<u>1.8</u>	
Over/Under			-0.7	-1.8	13.5	8.1	4.2	1.1	
NM ERB Cash	0.0	3,030,982	0.1	-0.1	0.1	0.5	0.3	0.8	Jun-00
90 Day U.S. Treasury Bill			<u>1.4</u>	<u>5.0</u>	<u>2.2</u>	<u>1.9</u>	<u>1.2</u>	<u>1.7</u>	
Over/Under			-1.3	-5.1	-2.1	-1.4	-0.9	-0.9	
Parametric Overlay	0.3	43,161,991							

1 - Total Fund market value includes \$222.09 from Legacy Assets.

2 - U.S. Small/Mid Cap Equity Composite includes the performance history of the U.S. Small Cap Equity Composite through November 2011.

3 - NMERB Small/Mid Cap Equity Blended Benchmark is the Russell 2000 Index through November 2011 and the Russell 2500 Index from December 2011 - forward. Note: Performance shown is net of fees.

1 - Non-US Emerging Mkts Equity Composite includes \$6,886.05 in terminated manager Robeco account. Note: Performance shown is net of fees.

1 - Non-U.S. Emerging Market Debt Composite includes \$2.34 in terminated manager Pictet account.

2 - Non-U.S. EMD Custom Benchmark Composition from 9/1/2011–1/31/2016: JP Morgan GBI–EM Diversified. 2/1/2016 – Current: 50% JPM EMBI Global Diversified / 50% JPM GBI–EM Global Diversified.

Note: Performance shown is net of fees.

1 - GAA/Risk Parity Custom Index: 60% MSCI World Half Hedged/ 40% CITI WGBI Half Hedged Inception - 6/30/2014; 60% MSCI World/ 40% CITI WGBI from 7/1/2014 - present. Note: Performance shown is net of fees.

The 1609 Fund LTD market value is carried from November 2023.



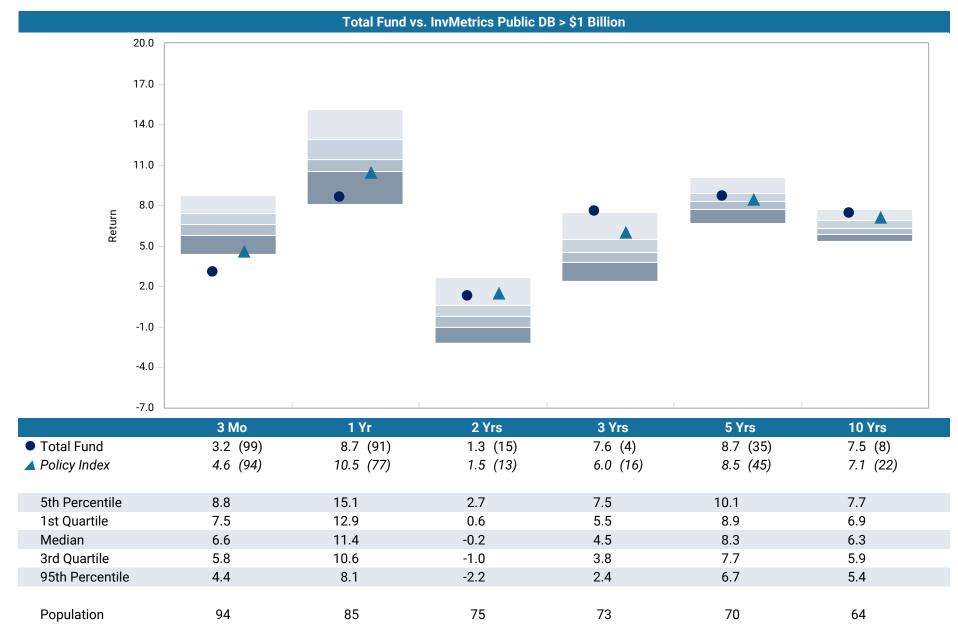
OTHER DIVERSIFYING ASSET PERFORMANCE

Vintage Year	Investment	Commitment	Current MV	Time Weighted Returns Since Inception	Inception Date
2017	EIG Energy Fund XVII	100,000,000	75,226,465	8.2	Apr-18
2017	1609 Fund	150,000,000	158,390,816	1.6	Feb-18
2018	Olea Special Opportunities Offshore Fund	135,000,000	25,195,007	10.4	Oct-18
2018	Orchard Liquid Credit Fund	100,000,000	86,592,200	-0.8	Nov-18
2019	OrbiMed Royalty & Credit Opps. III	100,000,000	47,262,438	24.4	Oct-19
2019	AE Industrial AA	150,000,000	166,917,532	15.2	Apr-20
2019	Cloverlay Solutions Bravo	150,000,000	138,648,913	4.5	Dec-20
2021	Longford Capital Fund III	110,000,000	36,778,945	39.7	Oct-21
2021	Cloverlay Series Bravo II	150,000,000	81,719,585	3.4	Jan-23
2022	Orchard SMA	100,000,000	-		
2022	Lyric Capital Royalty Fund II	100,000,000	27,103,056	10.8	Jul-22
2022	OrbiMed Royalty & Credit Opps. IV	150,000,000	24,159,151	19.3	Sep-22
2022	Pinion Master Segregated Portfolio	200,000,000	106,611,014	2.4	Nov-22
2023	EIG Bandelier Partners LP	150,000,000	34,642,972	13.3	Jun-23
Total	Other Diversifying Assets	1,845,000,000	1,009,248,093	7.6	Feb-18

	Total Fund	U.S. Equity	Non U.S. Developed Markets Equity	Non U.S. Emerging Markets Equity	Core Fixed Income	Non U.S. Emerging Markets Debt	Opportunistic Credit	Real Estate	Private Equity	Real Assets	Other Diversifying Assets	EIG Energy Fund	1609 Fund	OLEA	Orchard	Orbimed III	Orbimed IV	AE Industrial	Cloverlay (Bravo)	Longford	Lyric	Pinion	Cloverlay (Bravo II)	EIG Bandelier Partners
Diversifying Assets	0.12	0.12	0.14	0.20	0.03	0.19	0.12	-0.10	-0.10	-0.12	1.00													
EIG Energy Fund	-0.17	-0.18	-0.10	-0.15	-0.16	-0.10	0.16	-0.17	-0.24	0.04	0.33	1.00												
1609 Fund	0.02	-0.01	0.06	0.15	0.16	0.10	0.02	-0.04	-0.04	0.02	0.37	-0.10	1.00											
OLEA	0.39	0.43	0.47	0.37	0.34	0.39	0.17	0.18	-0.05	-0.18	0.57	0.00	-0.06	1.00										
Orchard	-0.52	-0.48	-0.52	-0.43	-0.29	-0.50	-0.52	-0.40	0.03	-0.09	-0.01	-0.12	0.07	-0.25	1.00									
Orbimed III	0.09	0.00	-0.01	0.17	-0.04	0.05	0.19	-0.03	0.11	-0.10	0.47	-0.01	0.03	0.02	-0.05	1.00								
Orbimed IV	0.07	0.09	0.00	-0.03	-0.13	0.27	0.02	-0.14	0.23	0.28	-0.10	-0.32	-0.18	-0.10	0.00	0.90	1.00							
AE Industrial	-0.12	-0.12	-0.23	-0.20	-0.19	-0.07	0.01	0.02	0.10	0.11	0.30	0.20	0.10	-0.10	-0.06	0.05	0.03	1.00						
Cloverlay (Bravo)	-0.15	-0.06	-0.07	0.04	-0.05	-0.17	-0.27	-0.24	-0.24	0.01	0.11	0.05	0.04	-0.07	0.09	-0.04	-0.28	-0.26	1.00					
Longford	-0.02	-0.04	-0.16	-0.10	-0.01	0.03	-0.01	0.08	0.23	0.00	0.48	0.08	0.19	0.01	0.32	-0.03	0.42	0.48	-0.07	1.00				
Lyric	0.09	0.05	0.19	0.05	0.05	0.12	-0.03	0.01	0.24	-0.15	-0.12	-0.01	0.28	-0.28	-0.15	-0.14	-0.25	0.16	-0.09	-0.26	1.00			
Pinion	-0.31	-0.22	-0.47	-0.33	-0.21	-0.44	0.10	-0.21	-0.21	-0.23	-0.09	0.30	-0.54	-0.24	-0.11	-0.23	-0.22	0.51	-0.15	-0.23	-0.17	1.00		
Cloverlay (Bravo II)	0.28	0.32	0.33	0.20	0.46	0.11	0.31	0.29	-0.15	-0.39	0.02	0.01	-0.23	0.84	-0.09	-0.17	-0.17	-0.12	-0.03	-0.15	-0.09	-0.11	1.00	
EIG Bandelier Partners	-0.45	-0.53	-0.39	-0.33	-0.48	-0.43	-0.63	-0.03	-0.18	0.52	-0.18	-0.56	0.39	-0.17	0.41	-0.29	-0.30	-0.15	0.12	-0.25	-0.25	-0.21	-0.28	1.00



New Mexico Educational Retirement Board-Top Plan RETURN SUMMARY VS. PEER UNIVERSE





New Mexico Educational Retirement Board-Top Plan RETURN SUMMARY VS. PEER UNIVERSE

Total Fund vs. InvMetrics Public DB > \$1 Billion 44.0 36.0 28.0 20.0 12.0 Return 4.0 -4.0 -12.0 -20.0 -28.0 Fiscal 2018 Fiscal 2019 Fiscal 2021 Fiscal 2022 Fiscal 2023 5 Years Fiscal 2020 Total Fund 7.3 (6) -1.0 (88) 28.8 (30) 5.6 (89) 8.1 (50) 1.0 (4) 8.7 (35) Policy Index 8.4 (41) 7.4 (5) 2.0 (38) 24.3 (85) -2.1 (13) 6.5 (76) 8.5 (45) 5th Percentile 10.2 7.4 4.1 33.2 -0.2 10.2 10.1 1st Quartile 8.8 9.0 6.3 2.7 29.1 -4.2 8.9 Median 5.7 27.0 -7.0 7.8 8.1 1.3 8.3 3rd Quartile 0.2 25.3 -9.9 7.7 7.4 4.8 6.6 22.2 95th Percentile 6.7 3.6 -2.1 -13.4 4.9 6.7 Population 80 103 134 148 105 105 70

Note: Ranks are based on net returns.



- 4/1/2012 6/30/2012: 23% S&P 500 Index, 2% Russell 2500 Index, 5% MSCI EAFE Index, 10% MSCI Emerging Markets Index, 18% Barclays Aggregate, 15% Bank of America Merrill Lynch US High BB-B Constrained Index, 2% JP Morgan GBI – EM Global Diversified Index, 5% (60% MSCI World HH / 40% CITI WGBI HH), 8% (90 Day T-Bill + 2%), 3% Wilshire REIT, 2% NCREIF Property Index, 5% Cambridge Associates US All PE 1 Quarter Lag, 1% (CPI + 4% Seasonally Adjusted), 1% 90 Day T-Bill.
- 7/1/2012 6/30/2013: 23% S&P 500 Index, 2% Russell 2500 Index, 5% MSCI EAFE Index, 10% MSCI Emerging Markets Index, 18% Barclays Aggregate Index, 15% (50% Credit Suisse Leveraged Loan Index / 50% Bank of America Merrill Lynch US HY BB-B Rated Constrained Index), 2% JP Morgan GBI – EM Global Diversified Index, 5% (60% MSCI World HH / 40% CITI WGBI HH), 3% Wilshire REIT, 2% NCREIF Property Index, 8% (91 Day T-Bill + 2% 1 month lag), 5% Cambridge Associates All US PE 1 Quarter Lag, 1% (CPI + 4% Seasonally Adjusted), 1% 91 Day T-Bill.
- 7/1/2013 6/30/2014: 20% S&P 500 Index, 2% Russell 2500 Index, 5% MSCI EAFE Index, 10% MSCI Emerging Markets Index, 7% Barclays Aggregate Index, 20% (50% Credit Suisse Leveraged Loan Index / 50% Bank of America Merrill Lynch US HY BB-B Rated Constrained Index), 2% JP Morgan GBI – EM Global Diversified Index, 5% (60% MSCI World HH / 40% CITI WGBI HH), 5% Credit Suisse Hedge Global Macro Index, 3% Wilshire REIT Index, 2% NCREIF Property Index, 3% (91 Day T-Bill + 2% 1 Month Lag), 8% Cambridge Associates US All PE 1 Quarter Lag, 7% (CPI + 4% Seasonally Adjusted), 1% 91 Day T-Bill.
- 7/1/2014 9/30/2014: 20% S&P 500 Index, 2% Russell 2500 Index, 5% MSCI EAFE Index, 10% MSCI Emerging Markets Index, 7% Barclays Aggregate Index, 20% (50% Credit Suisse Leveraged Loan Index / 50% Bank of America Merrill Lynch US HY BB-B Rated Constrained Index), 2% JP Morgan GBI – EM Global Diversified Index, 5% (60% MSCI World / 40% CITI WGBI), 5% Credit Suisse Hedge Global Macro Index, 3% Wilshire REIT Index, 2% NCREIF Property Index, 3% (91 Day T-Bill + 2% 1 Month Lag), 8% Cambridge Associates US All PE 1 Quarter Lag, 7% (CPI + 4% Seasonally Adjusted), 1% 91 Day T-Bill.



- 10/1/2014 1/31/2016: 18% S&P 500 Index, 2% Russell 2500 Index, 5% MSCI EAFE Index, 10% MSCI Emerging Markets Index, 6% Barclays Aggregate Index, 20% (50% Credit Suisse Leveraged Loan Index / 50% Bank of America Merrill Lynch US HY BB-B Rated Constrained Index), 2% JP Morgan GBI – EM Global Diversified Index, 5% (60% MSCI World / 40% CITI WGBI), 5% Credit Suisse Hedge Global Macro Index, 4% Wilshire REIT Index, 3% NCREIF Property Index, 11% Cambridge Associates US All PE 1 Quarter Lag, 8% (CPI + 4% Seasonally Adjusted), 1% 91 Day T-Bill.
- 2/1/2016 12/31/2016: 18% S&P 500 Index, 2% Russell 2500 Index, 5% MSCI EAFE Index, 10% MSCI Emerging Markets Index, 6% Barclays Aggregate Index, 20% (50% Credit Suisse Leveraged Loan Index / 50% Bank of America Merrill Lynch US HY BB-B Rated Constrained Index), 2% (50% JP Morgan EMBI Global Diversified Index / 50% JP Morgan GBI – EM Global Diversified Index), 5% (60% MSCI World / 40% CITI WGBI), 5% Credit Suisse Hedge Global Macro Index, 4% Wilshire REIT Index, 3% NCREIF Property Index, 11% Cambridge Associates US All PE 1 Quarter Lag, 8% (CPI + 4% Seasonally Adjusted), 1% 91 Day T-Bill.
- 1/1/2017 9/30/2017: 18% S&P 500 Index, 2% Russell 2500 Index, 5% MSCI EAFE Index, 10% MSCI Emerging Markets Index, 6% Barclays Aggregate Index, 20% (50% Credit Suisse Leveraged Loan Index / 50% Bank of America Merrill Lynch US HY BB-B Rated Constrained Index), 2% (50% JP Morgan EMBI Global Diversified Index / 50% JP Morgan GBI – EM Global Diversified Index), 5% (60% MSCI World / 40% CITI WGBI), 5% Credit Suisse Hedge Global Macro Index, 3% Wilshire REIT Index, 4% NCREIF Property Index, 11% Cambridge Associates US All PE 1 Quarter Lag, 8% (CPI + 4% Seasonally Adjusted), 1% 91 Day T-Bill.
- 10/1/2017 12/31/2017: 16% S&P 500 Index, 3% Russell 2500 Index, 5% MSCI EAFE Index, 9% MSCI Emerging Markets Index, 6% Barclays Aggregate Index, 18% (50% Credit Suisse Leveraged Loan Index / 50% Bank of America Merrill Lynch US HY BB-B Rated Constrained Index), 2% JP Morgan GBI – EM Global Diversified Index, 7% (60% MSCI World / 40% CITI WGBI), 5% Libor + 2%, 3% Wilshire REIT Index, 4% NCREIF Property Index, 13% Cambridge Associates US All PE 1 Quarter Lag, 8% (CPI + 4% Seasonally Adjusted), 1% 91 Day T-Bill.



- 1/1/2018 6/30/2019: 16% S&P 500 Index, 3% Russell 2500 Index, 5% MSCI EAFE Index, 9% MSCI Emerging Markets Index, 6% Barclays Aggregate Index, 18% (50% Credit Suisse Leveraged Loan Index / 50% Bank of America Merrill Lynch US HY BB-B Rated Constrained Index), 2% JP Morgan GBI – EM Global Diversified Index, 12% Libor + 2%, 3% Wilshire REIT Index, 4% NCREIF Property Index, 13% Cambridge Associates US All PE 1 Quarter Lag, 8% (CPI + 4% Seasonally Adjusted), 1% 91 Day T-Bill.
- 7/1/2019 9/30/2020: 16% S&P 500 Index, 3% Russell 2500 Index, 5% MSCI EAFE Index, 9% MSCI Emerging Markets Index, 6% Barclays Aggregate Index, 18% (50% Credit Suisse Leveraged Loan Index / 50% Bank of America Merrill Lynch US HY BB-B Rated Constrained Index), 2% JP Morgan GBI – EM Global Diversified Index, 12% Libor + 2%, 2% Wilshire REIT Index, 5% NCREIF Property Index, 13% Cambridge Associates US All PE 1 Quarter Lag, 8% (CPI + 4% Seasonally Adjusted), 1% 91 Day T-Bill.
- 10/1/2020 9/30/2021: 14% S&P 500 Index, 3% Russell 2500 Index, 5% MSCI EAFE Index, 9% MSCI Emerging Markets Index, 6% Barclays Aggregate Index, 16% (50% Credit Suisse Leveraged Loan Index / 50% Bank of America Merrill Lynch US HY BB-B Rated Constrained Index), 2% JP Morgan GBI – EM Global Diversified Index, 12% Libor + 2%, 2% Wilshire REIT Index, 6% NCREIF Property Index, 15% ILPA All Private Markets 1 Quarter Lag, 9% (CPI + 4% Seasonally Adjusted), 1% 91 Day T-Bill.
- 10/1/2021 12/31/2022: 14% S&P 500 Index, 3% Russell 2500 Index, 5% MSCI EAFE Index, 9% MSCI Emerging Markets Index, 6% Barclays Aggregate Index, 16% (50% Credit Suisse Leveraged Loan Index / 50% Bank of America Merrill Lynch US HY BB-B Rated Constrained Index), 2% JP Morgan GBI – EM Global Diversified Index, 12% Libor + 2%, 2% Wilshire REIT Index, 6% NCREIF Property Index, 15% State Street Private Equity Index All PE 1 Quarter Lag, 9% (CPI + 4% Seasonally Adjusted), 1% 91 Day T-Bill.



- 1/1/2023 11/30/23: 15% S&P 500 Index, 4% Russell 2500 Index, 5% MSCI EAFE Index, 4% MSCI Emerging Markets Index, 6% Barclays Aggregate Index, 18% (50% Credit Suisse Leveraged Loan Index / 50% Bank of America Merrill Lynch US HY BB-B Rated Constrained Index), 10% Libor + 2%, 8% NCREIF Property Index, 17% State Street Private Equity Index All PE 1 Quarter Lag, 12% (CPI + 4% Seasonally Adjusted), 1% 90 Day T-Bill.
- 12/1/2023 Present: 15% S&P 500 Index, 4% Russell 2500 Index, 5% MSCI EAFE Index, 4% MSCI Emerging Markets Index, 6% FTSE U.S. Broad Investment Grade Bond Index, 18% (50% Credit Suisse Leveraged Loan Index / 50% Bank of America Merrill Lynch US HY BB-B Rated Constrained Index), 10% Libor + 2%, 8% NCREIF Property Index, 17% State Street Private Equity Index All PE 1 Quarter Lag, 12% (CPI + 4% Seasonally Adjusted), 1% 90 Day T-Bill.





APPENDIX





MACRO



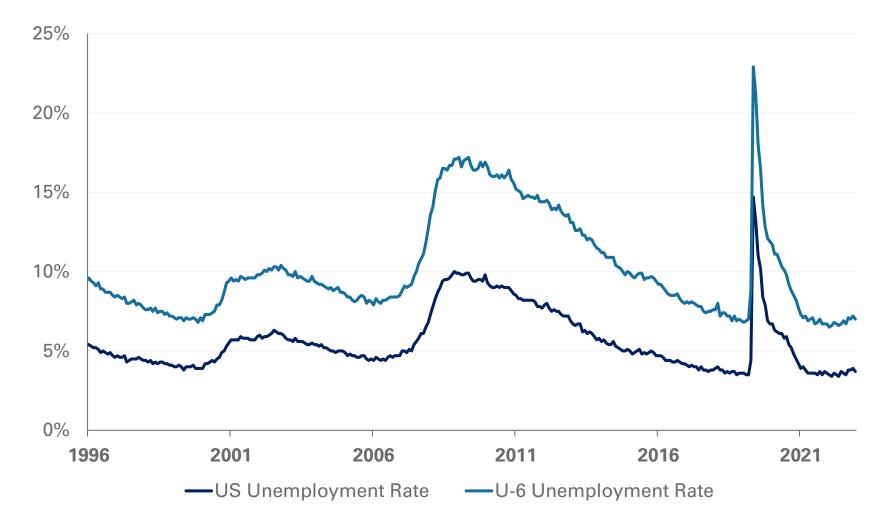
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INFLATION U.S. CONSUMER PRICE INDEX



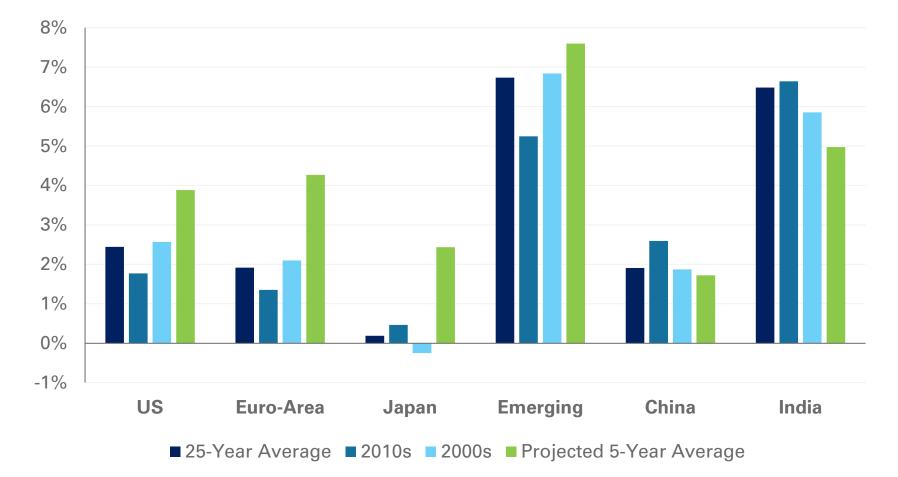


U.S. UNEMPLOYMENT RATES



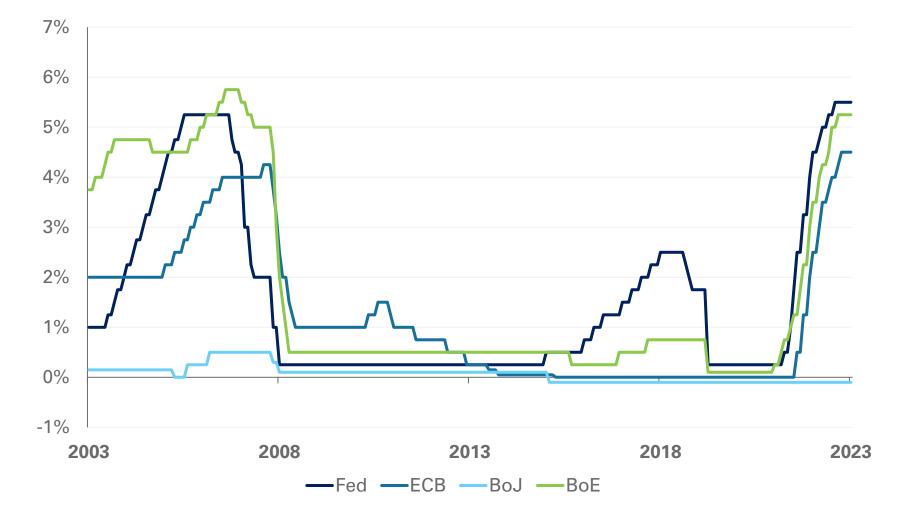


HISTORICAL INFLATION IMF PROJECTIONS



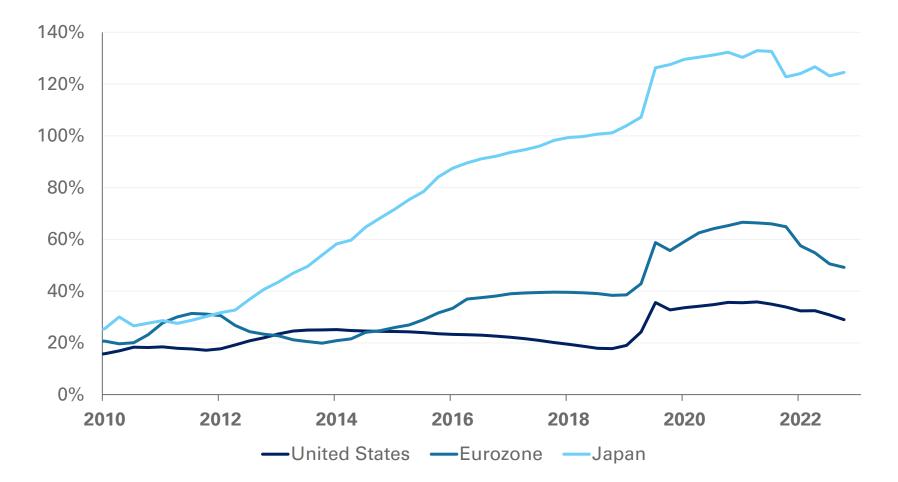


CENTRAL BANK POLICY RATES





CENTRAL BANK BALANCE SHEETS AS A PERCENTAGE OF GDP





CURRENCIES RELATIVE TO THE U.S. DOLLAR

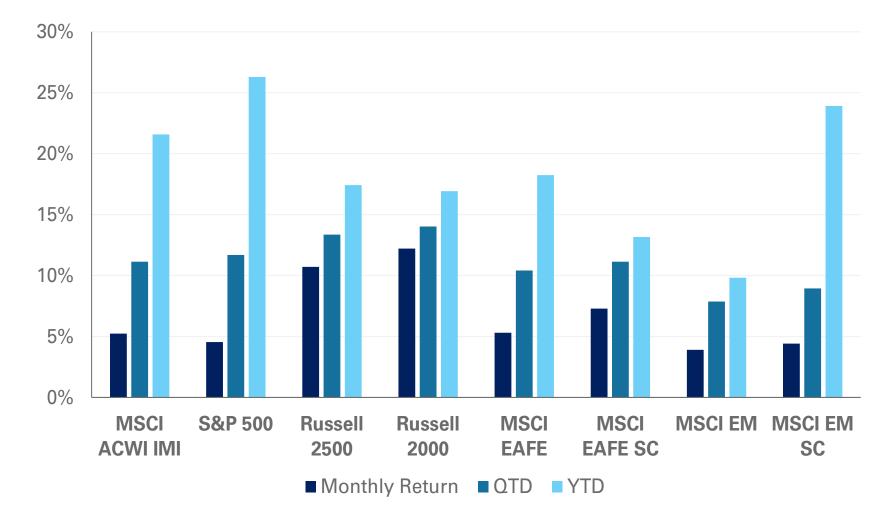
Currencies	Spot	1 Month	QTD	1 Year
Euro	1.10	1.2%	4.3%	3.6%
British Pound	1.27	0.7%	4.4%	5.8%
Japanese Yen	140.98	4.9%	5.8%	-5.5%
Swiss Franc	0.84	3.3%	8.7%	9.7%
Australian Dollar	0.68	2.9%	5.7%	0.9%
New Zealand Dollar	1.58	2.5%	5.4%	-0.2%
Canadian Dollar	1.32	2.8%	2.5%	2.9%
Chinese Yuan	7.09	0.5%	3.0%	-1.7%
Taiwanese Dollar	30.69	1.8%	5.2%	0.2%
Korean Won	1288	0.2%	4.8%	-1.8%
Vietnamese Dong	24262	0.0%	0.2%	-2.5%
Thai Baht	34.13	3.1%	6.7%	1.5%
Philippines Peso	55.38	0.2%	2.2%	0.6%
Indian Rupee	83.21	0.2%	-0.2%	-0.5%
Russian Ruble	89.40	0.3%	9.2%	-17.8%
Mexican Peso	16.93	2.6%	2.6%	14.1%
Brazilian Real	4.86	1.5%	3.0%	8.1%
Chilean Peso	0.02	-1.4%	3.9%	1.9%
Argentine Peso	808.50	-55.4%	-56.7%	-78.1%
South African Rand	18.29	3.6%	3.0%	-7.7%





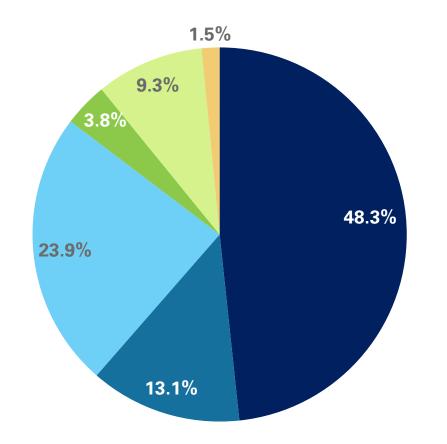
EQUITY

EQUITY INDEX PERFORMANCE





MSCI ACWI IMI WEIGHTS

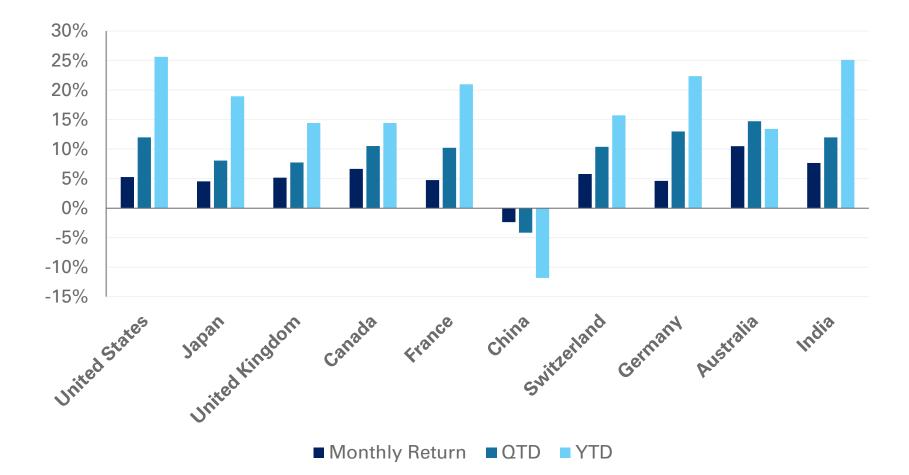


■ US Large Cap ■ US Small Cap ■ EAFE ■ EAFE Small Cap ■ EM ■ EM Small Cap



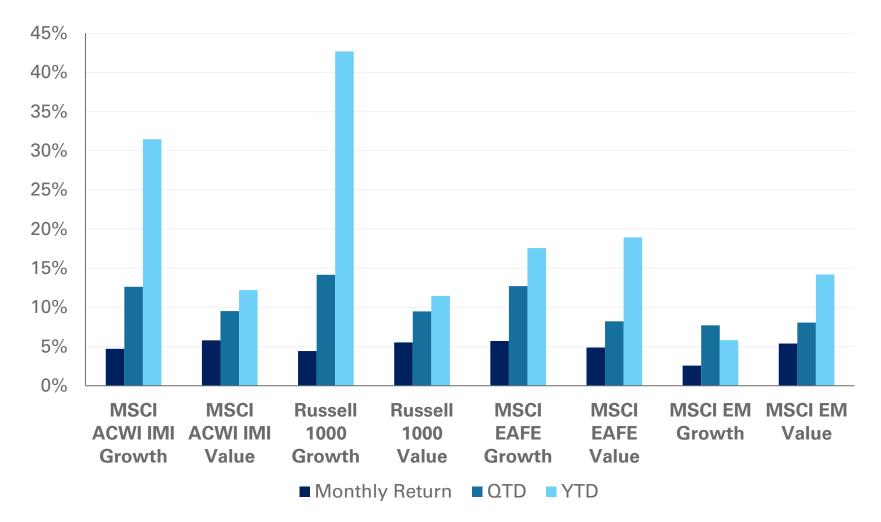
EQUITY INDEX PERFORMANCE

TOP 10 COUNTRIES BY MARKET CAP IN MSCI ACWI IMI INDEX





STYLE INDEX PERFORMANCE





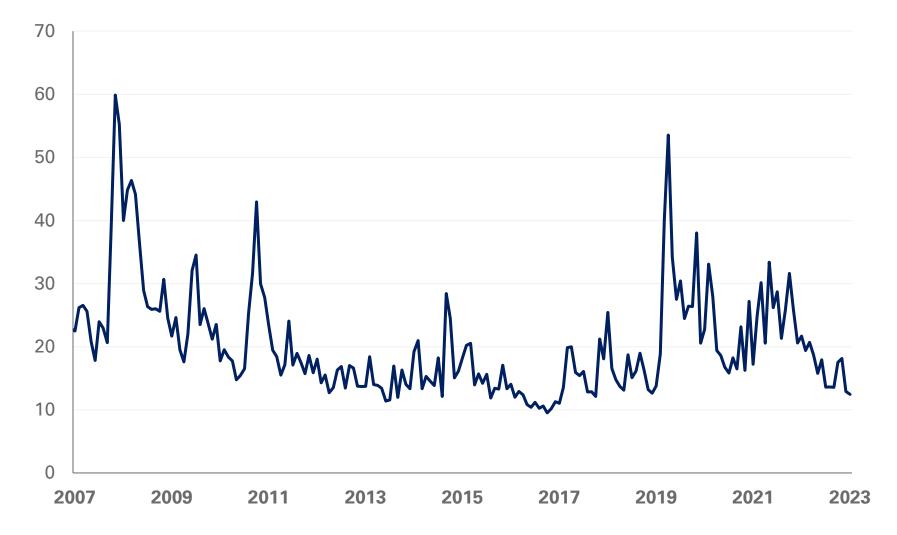
SECTOR INDEX PERFORMANCE

	Monthly Return	QTD	YTD	Index Weight
MSCI ACWI IMI	5.2%	11.1%	21.6%	100.0%
Communication Services	3.7%	9.3%	36.0%	6.9%
Consumer Discretionary	5.5%	10.3%	28.1%	11.3%
Consumer Staples	3.0%	5.6%	3.2%	6.5%
Energy	0.6%	-3.0%	5.4%	4.5%
Financials	6.2%	12.8%	15.3%	15.7%
Health Care	5.1%	6.6%	3.9%	11.1%
Industrials	7.7%	12.9%	22.2%	11.6%
Information Technology	4.8%	17.4%	49.7%	21.7%
Materials	6.7%	11.6%	13.1%	4.9%
Real Estate	8.7%	15.7%	8.4%	3.0%
Utilities	3.8%	10.5%	0.3%	2.6%

	Monthly Return	QTD	YTD	Index Weight
S&P 500	4.5%	11.7%	26.3%	100.0%
Communication Services	4.8%	11.0%	55.8%	8.6%
Consumer Discretionary	6.1%	12.4%	42.4%	10.9%
Consumer Staples	2.7%	5.5%	0.5%	6.2%
Energy	0.0%	-6.9%	-1.3%	3.9%
Financials	5.4%	14.0%	12.1%	13.0%
Health Care	4.3%	6.4%	2.1%	12.6%
Industrials	7.0%	13.1%	18.1%	8.8%
Information Technology	3.8%	17.2%	57.8%	28.9%
Materials	4.6%	9.7%	12.5%	2.4%
Real Estate	8.7%	18.8%	12.4%	2.5%
Utilities	1.9%	8.6%	-7.1%	2.3%

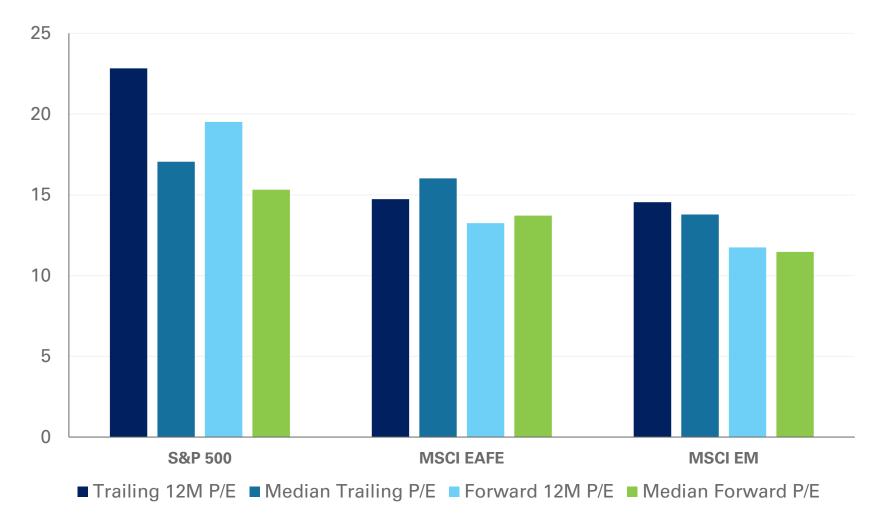


EQUITY VOLATILITY INDEX (VIX)





GLOBAL EQUITY VALUATIONS







SAFE-HAVEN FIXED INCOME



SAFE-HAVEN FIXED INCOME PERFORMANCE



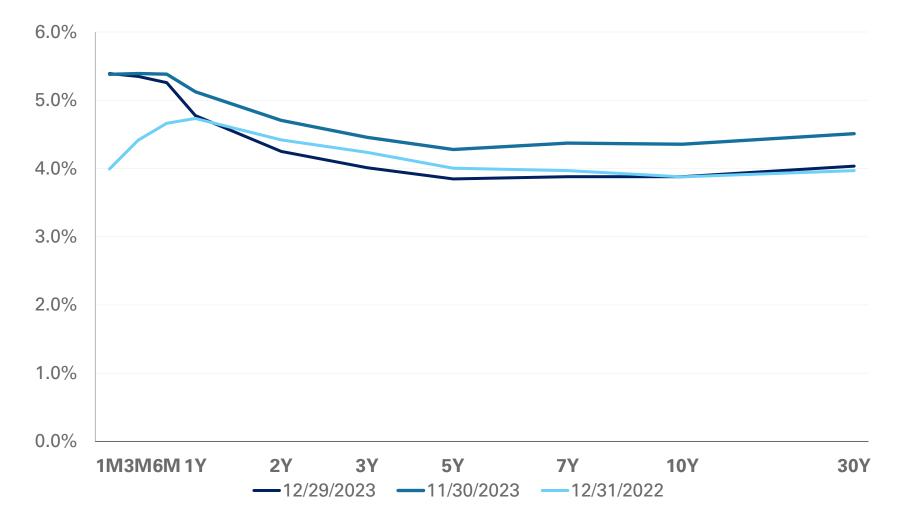


FIXED INCOME CHARACTERISTICS

	Yield to Worst Spread (bps)		Duration (Years)	
Bloomberg Aggregate	4.53%	42	6.2	
Bloomberg TIPS	4.24%	- 5.9		
Bloomberg Treasury	4.08%	- 6.2		
Bloomberg Agency	4.46%	17	3.2	
Bloomberg MBS	4.68%	47	5.9	
Bloomberg Muni	3.22%	-	6.1	
Bloomberg Corp IG	5.06%	99	7.1	
Bloomberg Long Treasury	4.14%	-	15.7	
Bloomberg Long Credit	5.22%	117	13.0	
Bloomberg Long Gov/Credit	4.71%	62	14.3	
Bloomberg STRIPS 20+	4.14%	-	25.2	
Bloomberg Global Agg	3.51%	43	6.7	

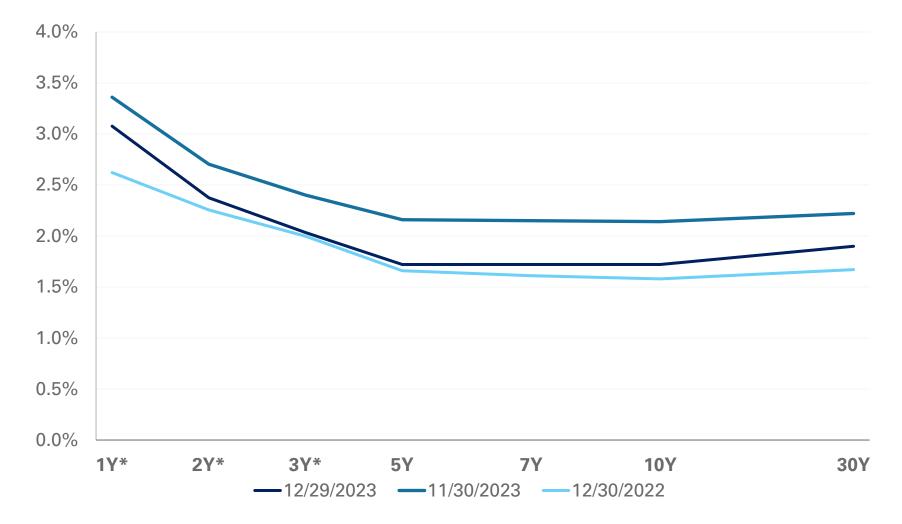


US TREASURY YIELD CURVE



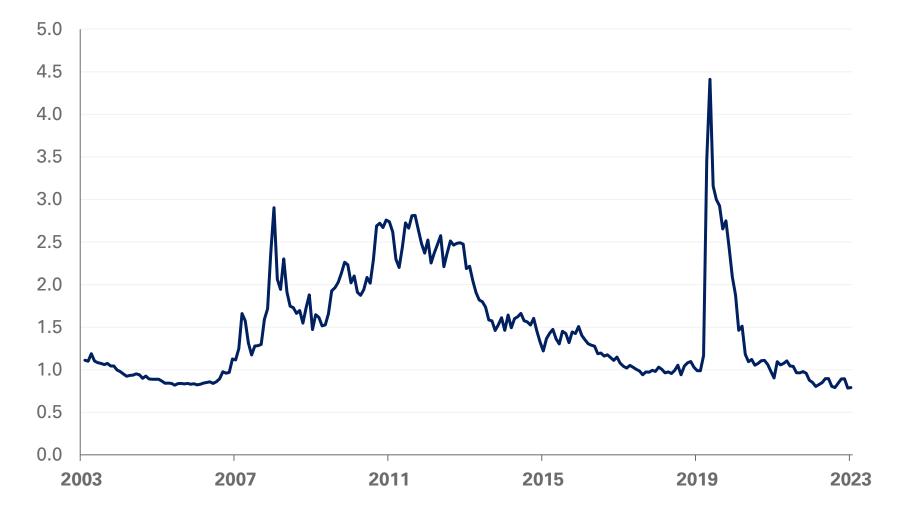


US TREASURY REAL YIELD CURVE





MUNI – TO– TREASURY RATIO



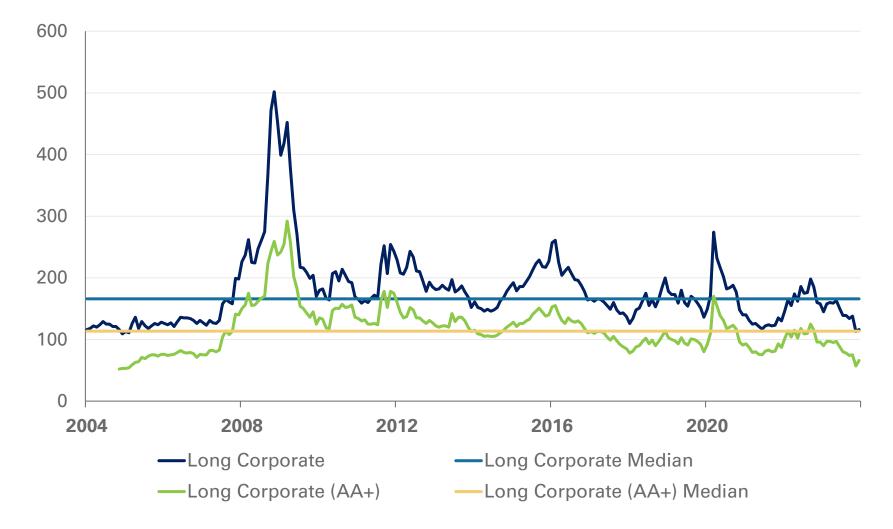


LONG DURATION YIELDS





LONG DURATION CORPORATE SPREADS



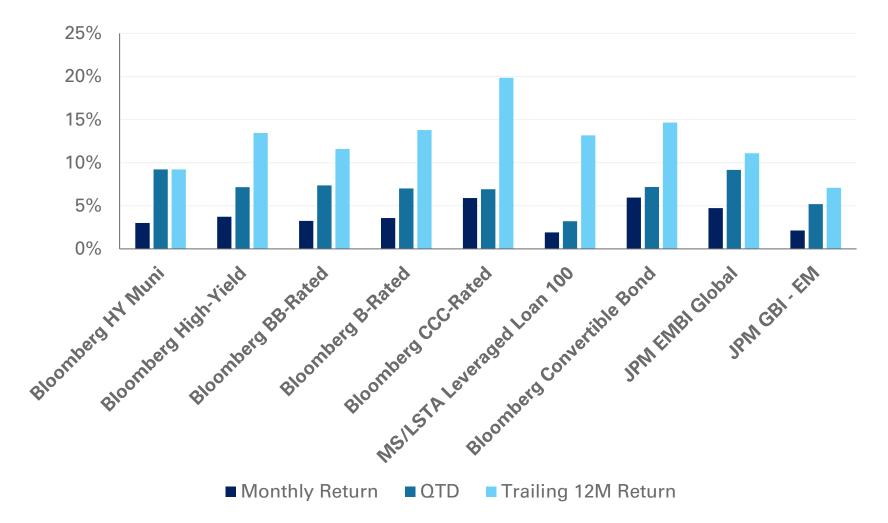




RETURN-SEEKING CREDIT



RETURN-SEEKING CREDIT INDEX PERFORMANCE



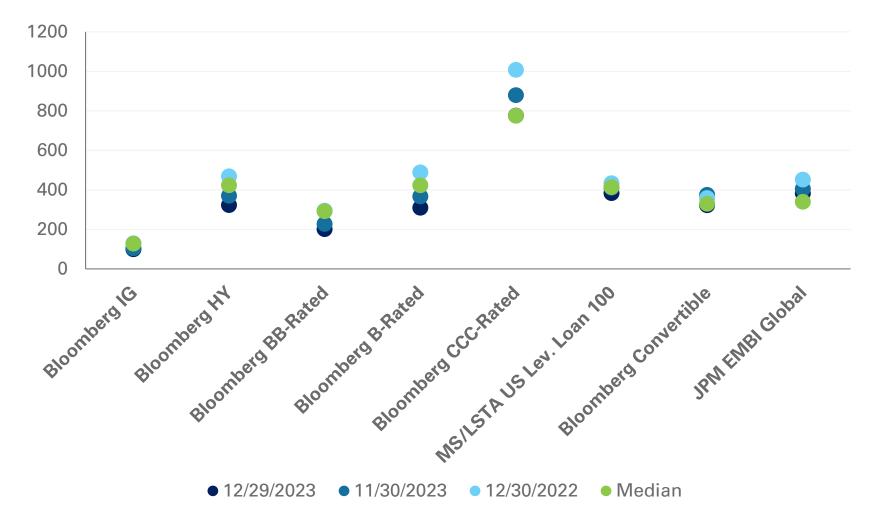


RETURN-SEEKING CREDIT CHARACTERISTICS

	Yield to Worst	Spread (bps)	Duration (Years)
Bloomberg HY Muni	5.57%	-	7.1
Bloomberg High-Yield	7.59%	323	3.2
Bloomberg BB-Rated	6.34%	201	3.5
Bloomberg B-Rated	7.52%	310	2.9
Bloomberg CCC-Rated	12.11%	776	2.8
MS/LSTA Leveraged Loan 100	9.43%	383	-
Bloomberg Convertible Bond	0.81%	322	1.9
JPM EMBI Global	7.85%	383	6.8
JPM GBI - EM	4.67%	-	5.5



CREDIT SPREADS

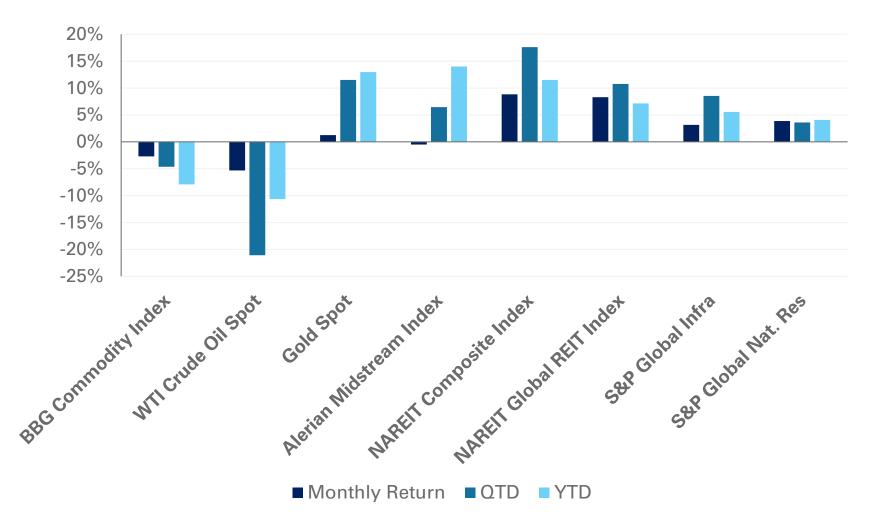








REAL ASSETS INDEX PERFORMANCE



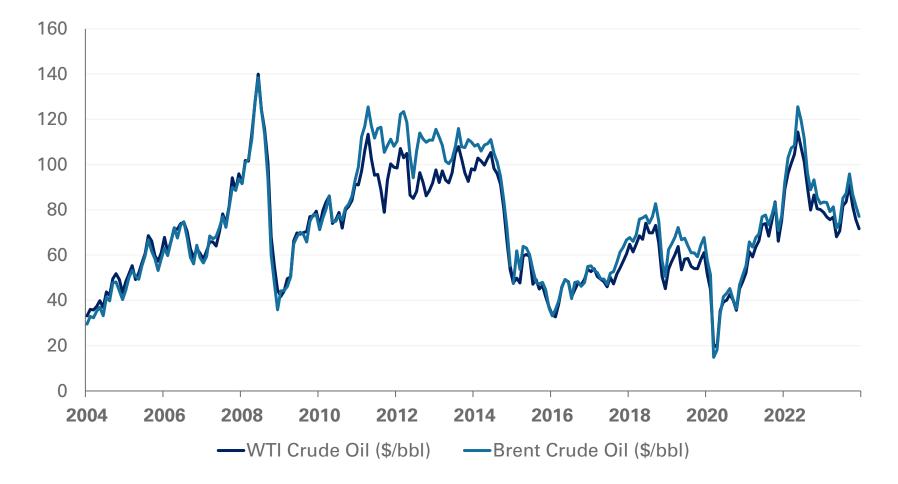


REAL ASSETS INDEX PERFORMANCE

Index	1 Month	3 Month	YTD	1 Year	3 Year	5 Year
Bloomberg Commodity Index	-2.7%	-4.6%	-7.9%	-7.9%	10.7%	7.2%
Bloomberg Sub Agriculture Index	-4.4%	-0.3%	-4.4%	-4.4%	11.8%	10.6%
Coffee	2.4%	33.2%	25.1%	25.1%	16.9%	10.2%
Corn	-2.0%	-2.9%	-17.6%	-17.6%	10.8%	7.8%
Cotton	1.6%	-8.8%	1.5%	1.5%	10.4%	6.7%
Soybean	-4.3%	0.3%	2.0%	2.0%	12.5%	13.3%
Soybean Oil	-7.3%	-11.4%	-16.9%	-16.9%	17.4%	17.6%
Sugar	-20.6%	-21.2%	19.4%	19.4%	18.0%	13.1%
Wheat	5.5%	12.8%	-26.4%	-26.4%	-6.5%	-0.3%
Bloomberg Sub Energy	-6.0%	-18.1%	-21.6%	-21.6%	17.5%	0.8%
Brent Crude	-4.0%	-13.0%	-0.9%	-0.9%	32.4%	16.6%
Heating Oil	-6.7%	-17.3%	-2.9%	-2.9%	44.1%	18.1%
Natural Gas	-10.1%	-24.6%	-65.3%	-65.3%	-19.0%	-27.9%
Unleaded Gas	-3.3%	-10.1%	7.6%	7.6%	39.4%	22.0%
WTI Crude Oil	-5.6%	-17.5%	-2.0%	-2.0%	25.5%	5.6%
Bloomberg Sub Industrial Metals	4.0%	0.2%	-9.1%	-9.1%	4.9%	7.5%
Aluminum	8.4%	0.7%	-1.1%	-1.1%	5.3%	3.1%
Copper	1.5%	4.3%	4.7%	4.7%	4.8%	8.7%
Nickel	-0.3%	-11.2%	-44.4%	-44.4%	0.7%	9.5%
Zinc	7.8%	0.9%	-6.1%	-6.1%	2.4%	4.7%
Bloomberg Sub Precious Metals	-0.4%	10.4%	9.6%	9.6%	1.0%	8.6%
Gold	1.1%	11.4%	12.8%	12.8%	2.3%	8.9%
Silver	-5.7%	7.2%	-0.3%	-0.3%	-3.5%	7.8%
Bloomberg Sub Livestock	-2.4%	-9.0%	-1.9%	-1.9%	4.6%	-3.8%
Lean Hogs	-4.5%	-8.5%	-21.9%	-21.9%	3.4%	-9.4%
Live Cattle	-1.5%	-9.2%	10.5%	10.5%	4.9%	-0.8%



OIL MARKETS WTI VERSUS BRENT CRUDE SPOT PRICES





GOLD SPOT PRICE







DISCLAIMERS & DISCLOSURES



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DISCLAIMERS & DISCLOSURES

Past performance is no guarantee of future results.

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A "since inception" return, if reported, begins with the first full month after funding, although actual inception dates (e.g. the middle of a month) and the timing of cash flows are taken into account in Composite return calculations.

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Source of private fund performance benchmark data: Cambridge Associates, via Refinitiv



