# SMART Monitoring Overview and Reporting

Fourth Quarter 2022











## **Fiduciary Mandate Process**



- Begin with over 25,000 funds
- Our screening process uses fiduciary mandates: Criteria applied to each investment must score in the top 25%!
- Fiduciary Monitoring Quarterly

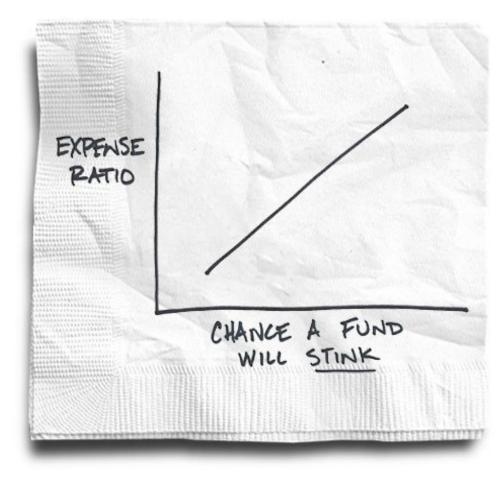
### **Fund Mandates**

Test	Criteria
Product History	Product must have been in existence for a stated time period.
Product Assets	Must have at least \$100 million managed in this specific investment style.
Performance	The product must have positive excess performance relative to its benchmark over a stated period of time.
Alpha	The product's Alpha must be greater than or equal to 0.
Sharpe	The product's Sharpe Ratio must be greater than or equal to the benchmark.
Tracking Error	The product's tracking error must be less than 10%.
Peer Group	The product's return must be higher than the peer group's 50th percentile return.
Standard Deviation	The product's standard deviation must be less than or equal to 150% of the benchmark's standard deviation.

Our screening process evaluates more than 25,000 fund and institutional money managers to determine which funds will be included in your plan line-up.

- The criteria are applied to each investment resulting in a final score of 0 to 100, with 100 being best and 0 worst.
- We recalculate on a quarterly basis.

## The Tabletop Guide to Mutual Funds



A recent Morningstar study suggests that keeping this bit of folded wisdom in your pocket might be more helpful than consulting an army of experts in the search for clever money managers.

Morningstar Director of Mutual Fund Research Russel Kinnel observed:

"In every single time period and data point tested, low-cost funds beat high-cost funds."

# Two lineups monitored of which we serve as an ERISA 338 advisor:

- FSP 338 Wealth Management Preferred
- FSP 338 Wealth Management Partner



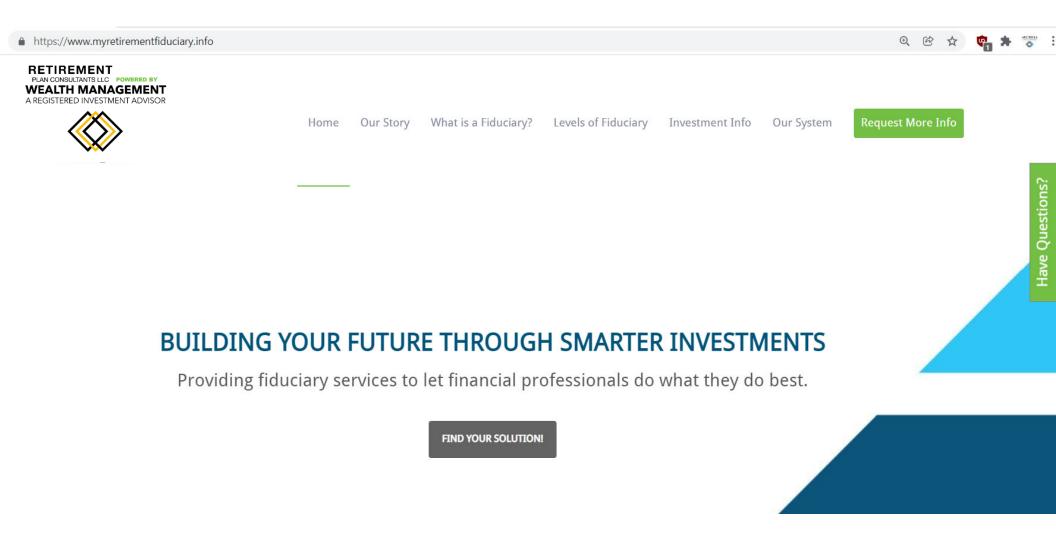






## **Website Availability**

### www.myretirementfiduciary.info



Responsibility

# Levels of Service When Considering Service Providers

# **3(16**) Plan Administrator

The person has these primary responsibilities:

- ensures all filings with the federal government (form 5500, etc) are timely made
- makes important disclosures to plan participants
- hires plan service providers if no other fiduciary has that responsibility

"Administrator" should not be confused with third party administrator or other consultants.

## **3(21)** Functional Fiduciaries

- provides investment advice for a fee but leaves the ultimate decision up to the plan sponsor
- does not provide relief to the plan sponsor of any fiduciary responsibility
- No legal discretion (only can "help", "advise", or "assist" the plan sponsor

## **3(38)**Investment Manager

- front of the line defense to investments
- serves as an "investment manager" in writing
- assumes discretion and sole legal responsibility for selecting, monitoring and replacing investment options" the plan sponsor

None Limited Full Scope

## FSP 338 – Wealth Management Preferred









### WEALTH MANAGEMENT PREFERRED CORE LINEUP - DECEMBER 31, 2022

Fund Name	Asset Class	Ticker	Expense Ratio	1-Year	Returns Ti 5Year	ailing Returns % 10-Year
U.S. Large Cap						
S&P 500 TR USD	Benchmark			-18.11%	9.42%	12.56%
DFA U.S. Large Company	Large Cap	DFUSX	0.08%	-18.19%	9.36%	12.49%
Russell 1000 Value	Benchmark			-7.53%	6.66%	10.29%
DFA U.S. Large Cap Value	Large Cap Value	DFLVX	0.22%	-5.78%	5.86%	10.86%
Russell 1000 Growth	Benchmark			-29.13%	10.96%	14.09%
Vanguard Growth Index Admiral	Large Cap Growth	VIGAX	0.05%	-33.14%	9.61%	12.80%
U.S. Mid Cap						
Russell Mid Cap	Benchmark			-17.31%	7.09%	10.95%
Vanguard Mid Cap Index Admiral	Mid Cap Core	VIMAX	0.05%	-18.71%	7.32%	11.10%
Russell Mid Cap Value	Benchmark			-12.03%	5.72%	10.10%
Vanguard Mid Cap Value Index Admiral	Mid Cap Value	VMVAX	0.07%	-7.90%	6.39%	10.98%
U.S. Small Cap						
Russell 2000	Benchmark			-20.43%	4.12%	9.01%
DFA U.S. Small Cap	Small Cap	DFSTX	0.27%	-13.53%	5.84%	10.14%
Russell 2000 Value	Benchmark			-14.48%	4.12%	8.47%
DFA U.S. Targeted Value	Small Cap Value	DFFVX	0.29%	-4.62%	7.04%	10.49%
Int'l Large Cap						
MSCI ACWI Ex USA Growth NR	Benchmark			-23.05%	1.49%	4.68%
Vanguard Int'l Growth Admiral	Large Cap Growth	VWILX	0.34%	-30.79%	4.75%	7.84%
MSCI World Ex USA Value NR	Benchmark			-5.64%	0.55%	3.55%
DFA Int'I Value	Large Cap Value	DFIVX	0.29%	-3.48%	1.36%	4.61%



### WEALTH MANAGEMENT PREFERRED CORE LINEUP - DECEMBER 31, 2022

Fund Name	Asset Class	Ticker	Expense Ratio	1-Year	Returns Ti 5Year	railing Returns % 10-Year
Int'l Small Cap						
MSCI World Ex USA Small Cap NR	Benchmark			-20.58%	0.45%	5.76%
DFA Int'l Small Company	Small Cap Core	DFISX	0.39%	-17.12%	0.70%	6.08%
MSCI World ex USA Small Value NR	Benchmark			-14.00%	0.04%	5.32%
DFA Int'l Small Cap Value	Small Cap Value	DISVX	0.42%	-9.78%	-0.44%	5.87%
Emerging Markets Equity						
MSCI EM NR	Benchmark			-20.09%	-1.39%	1.43%
DFA Emerging Markets Core Equity	Emerging Mkts Core	DFCEX	0.39%	-16.40%	-0.19%	2.24%
REITS						
S&P Global REIT TR USD	Benchmark			-23.59%	1.97%	4.98%
DFA Global Real Estate Securities	Real Estate Inv Trust	DFGEX	0.24%	-23.83%	2.42%	5.13%
U.S. Fixed Income						
Bloomberg US Treasury US TIPS TR USD	Benchmark			-11.84%	2.10%	1.11%
DFA Inflation-Protected Securities	Inflation-Protected	DIPSX	0.11%	-12.22%	2.06%	1.04%
Bloomberg US AGG Bond TR USD	Benchmark			-13.01%	0.02%	1.05%
Vanguard Int Term Bond Idx Admiral	Int Term Inv Grade	VBILX	0.07%	-13.27%	0.45%	1.34%
Vanguard Total Bond Index Admiral	Int Term Inv Grade	VBTLX	0.05%	-13.16%	-0.01%	1.00%
Bloomberg Govt/Credit 1-5 Yr TR USD	Benchmark			-5.49%	0.84%	0.97%
Vanguard Short-Term Inv Grade Admiral	Short Term Inv Grade	VFSUX	0.10%	-5.75%	1.10%	1.45%
ICE BofAML US High Yield TR USD	Benchmark			-11.21%	2.11%	3.94%
Vanguard High-Yield Corporate Adm	High-Yield Bond	VWEAX	0.13%	-8.97%	2.31%	3.75%
Global Fixed Income						
Bloomberg Global Aggregate Bond TR USD	Benchmark			-16.25%	-1.65%	-0.44%
Vanguard Total International Bond Index	World Bond	VTABX	0.11%	-12.92%	-0.23%	N/A
Fiduciary and investment	advisory services are provide	ed by Wealth Ma	anagement Nebraska LL	.C, Registered Inves	tment Advisor.	



#### WEALTH MANAGEMENT PREFERRED CORE LINEUP - DECEMBER 31, 2022

Fund Name	Asset Class	Ticker	Expense Ratio	1-Year	Returns T 5Year	railing Returns % 10-Year
Target Retirement						
Vanguard Target Retirement Income	Managed Asset	VTINX	0.08%	-12.74%	2.30%	3.62%
Vanguard Target Retirement 2020	Managed Asset	VTWNX	0.08%	-14.15%	3.22%	5.83%
Vanguard Target Retirement 2025	Managed Asset	VTTVX	0.08%	-15.55%	3.58%	6.43%
Vanguard Target Retirement 2030	Managed Asset	VTHRX	0.08%	-16.27%	3.94%	6.99%
Vanguard Target Retirement 2035	Managed Asset	VTTHX	0.08%	-16.62%	4.34%	7.57%
Vanguard Target Retirement 2040	Managed Asset	VFORX	0.08%	-16.98%	4.74%	8.06%
Vanguard Target Retirement 2045	Managed Asset	VTIVX	0.08%	-17.36%	5.14%	8.34%
Vanguard Target Retirement 2050	Managed Asset	VFIFX	0.08%	-17.46%	5.18%	8.36%
Vanguard Target Retirement 2055	Managed Asset	VFFVX	0.08%	-17.46%	5.18%	8.34%
Vanguard Target Retirement 2060	Managed Asset	VTTSX	0.08%	-17.46%	5.18%	8.34%
Vanguard Target Retirement 2065	Managed Asset	VLXVX	0.08%	-17.39%	5.15%	N/A
Vanguard Target Retirement 2070	Managed Asset	VSVNX	0.08%	N/A	N/A	N/A

Vanguard Target Retirement Funds (2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070 Institutional Class) will be the Defaulted QDIA depending upon participant age, unless otherwise requested.

Performance data represents past performance. Past performance is no guarantee of future results, and current performance may be higher or lower than the performance displayed. The investment return and principal value of an investment will fluctuate such that an investor's shares, when redeemed, may be worth more or less than their original cost. Total returns include reinvestment of dividends and capital gains and are net of all fees and expenses related only to the fund itself.

Underlying Fund Performance information is current as of the stated date and has been obtained from sources that are believed to be reliable. Wealth Management Nebraska LLC, a Registered Investment Advisor, have not independently verified the return of each fund.

An Investment in these funds could lose money over short or long periods of time. Past performance is not necessarily an indication of future performance. In addition, the performance information set forth above in the "Portfolio Performance" section does not reflect the charges assessed by the plan. If it did, the annual total return would be lower.

Return figures reflect investor share class returns (indicated in italics).

# **Model Portfolios derived from Lineups**

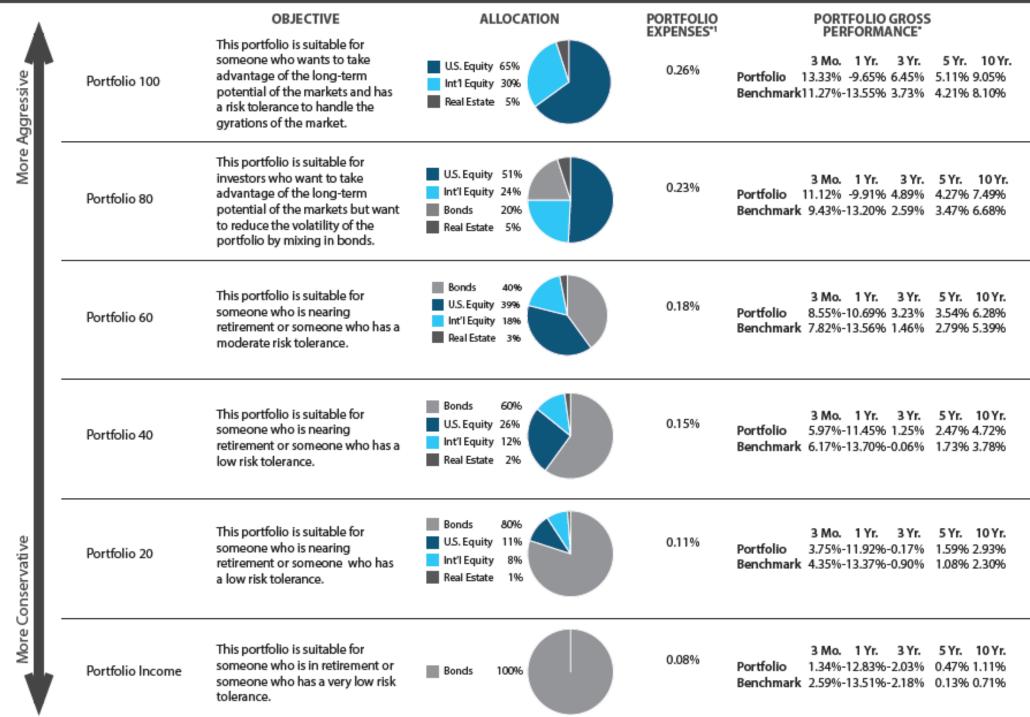












<sup>\*</sup>Source: Morningstar & fi360 through December 31, 2022

## WM PREFERRED MANAGED PORTFOLIOS















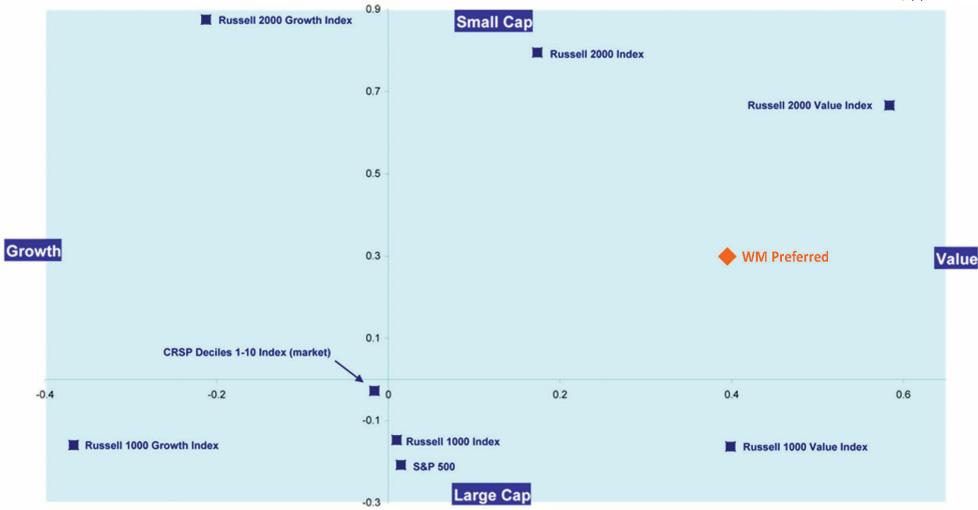


	Preferred Portfolio	Preferred Portfolio	Preferred Portfolio	Preferred Portfolio	Preferred Portfolio	Preferred Portfolio
	100	80	60	40	20	Income
Domestic Equity						
DFA U.S. Large Company	14	7	8	5	2	0
DFA U.S. Large Company Value	18	16	11	7	4	0
DFA U.S. Small Cap	9	8	5	4	2	0
DFA U.S. Targeted Value	24	20	15	10	5	0
International Developed Equity						
DFA International Value	14	11	8	5	3	0
DFA International Small Cap	4	3	3	2	0	0
DFA International Small Cap Value	8	6	5	3	2	0
Emerging Markets						
DFA Emerging Markets Core	4	4	2	2	1	0
Real Estate Securities						
DFA Global Real Estate	5	5	3	2	1	0
Fixed Income						
Vanguard Total Bond Market	0	20	30	40	45	50
Vanguard Total International Bond Index	0	0	10	20	20	25
DFA Inflation Protection Security	0	0	0	0	15	25
Total	100%	100%	100%	100%	100%	100%



### How the Domestic Models are Invested in Comparison to Indexes





Selection of funds, indices and time periods presented chosen by client's advisor. Indices are not available for direct investment and performance does not reflect expenses of an actual portfolio. Past performance is not a guarantee of future results.

CRSP data provided by the Center for Research in Security Prices, University of Chicago. Russell data copyright © Russell Investment Group 1995-2009, all rights reserved. US long-term bonds, bills, inflation, and fixed income factor data © Stocks, Bonds, Bills, and Inflation Yearbook". Ibbotson Associates, Chicago (annually updated work by Roger G. Ibbotson and Rex A. Sinquefield). The S&P data are provided by Standard & Poor's Index Services Group. Fama/French and multifactor data provided by Fama/French. DFA index data compiled by Dimensional Fund Advisors.

# Other Managed Portfolios derived from Lineups available for your plans:

- -WM Preferred Managed Portfolio
- -WM Preferred Core Managed Portfolio
- -WM Partner Managed Portfolio
- -WM Socially Responsible









# SMART Monitoring Report & Quarterly Investment Review

4th Quarter 2022





Market recap.

Guide for reading the SMART Monitoring Report.

Fund commentary, secondary considerations, and watch/replacement lists.

Quarterly investment meeting minutes.

## **Market Recap**

## **RETIREMENT**

PLAN CONSULTANTS LLC POWERED BY

## **WEALTH MANAGEMENT**

A REGISTERED INVESTMENT ADVISOR



## **Quarterly Market Summary**

#### Index returns

	US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate	US Bond Market	Global Bond Market ex US
Q4 2022		STO	CKS	_	ВО	NDS
	7.18%	16.18%	9.70%	6.88%	1.87%	0.18%
Since Jan. 2001						
Average Quarterly Return	2.1%	1.5%	2.5%	2.2%	0.9%	0.9%
Best	22.0%	25.9%	34.7%	32.3%	4.6%	4.6%
Quarter	2020 Q2	2009 Q2	2009 Q2	2009 Q3	2001 Q3	2008 Q4
Worst	-22.8%	-23.3%	-27.6%	-36.1%	-5.9%	-4.1%
Quarter	2008 Q4	2020 Q1	2008 Q4	2008 Q4	2022 Q1	2022 Q1

Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio.

Market segment (index representation) as follows: US Stock Market (Russell 3000 Index), International Developed Stocks (MSCI World ex USA Index [net dividends]), Emerging Markets (MSCI Emerging Markets Index [net dividends]), Global Real Estate (S&P Global REIT Index [net dividends]), US Bond Market (Bloomberg US Aggregate Bond Index), and Global Bond Market ex US (Bloomberg Global Aggregate ex-USD Bond Index [hedged to USD]). S&P data © 2023 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes. MSCI data © MSCI 2023, all rights reserved. Bloomberg data provided by Bloomberg.

## **Long-Term Market Summary**

Index returns as of December 31, 2022

US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate	US Bond Market	Global Bond Market ex US
	STO	CKS		BOI	NDS
-19.21%	-14.29%	-20.09%	-24.36%	-13.01%	-9.76%
8.79%	1.79%	-1.40%	0.92%	0.02%	0.52%
12.13%	4.59%	1.44%	3.88%	1.06%	2.10%
	-19.21% -8.79%	Market Developed Stocks  STOC  -19.21%  -14.29%  8.79%  1.79%	Market Developed Stocks Markets Stocks  STOCKS  -19.21%	Narket   Developed Stocks   Markets Stocks   Real Estate	Narket   Developed Stocks   Markets Stocks   Real Estate   Market

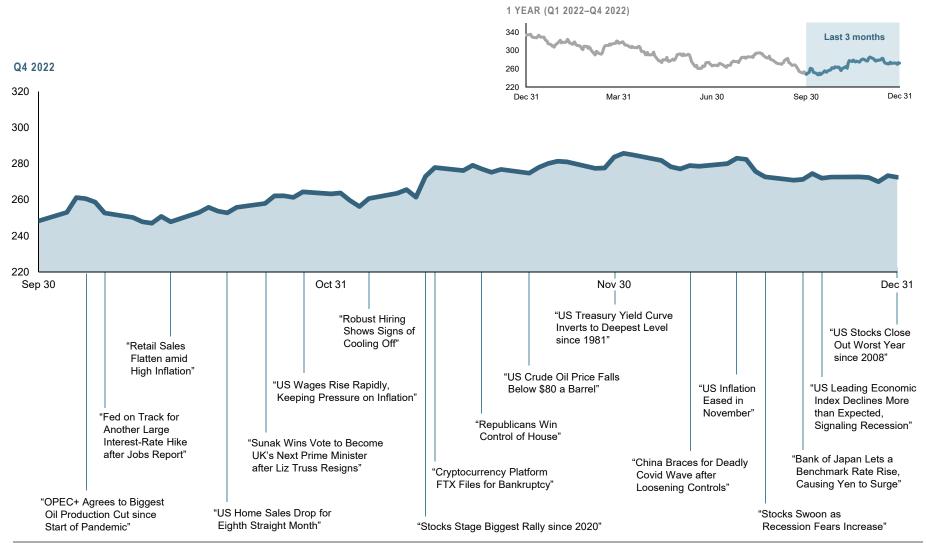
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## World Stock Market Performance

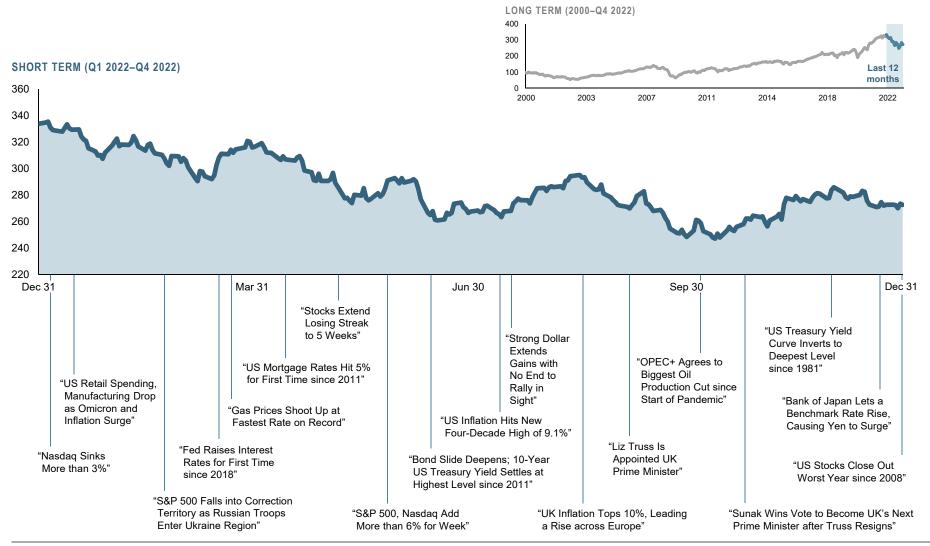
MSCI All Country World Index with selected headlines from Q4 2022



These headlines are not offered to explain market returns. Instead, they serve as a reminder that investors should view daily events from a long-term perspective and avoid making investment decisions based solely on the news.

## World Stock Market Performance

MSCI All Country World Index with selected headlines from past 12 months



These headlines are not offered to explain market returns. Instead, they serve as a reminder that investors should view daily events from a long-term perspective and avoid making investment decisions based solely on the news.

## **US Stocks**

#### Fourth quarter 2022 index returns

The US equity market posted positive returns for the quarter and underperformed both non-US developed and emerging markets.

Value outperformed growth.

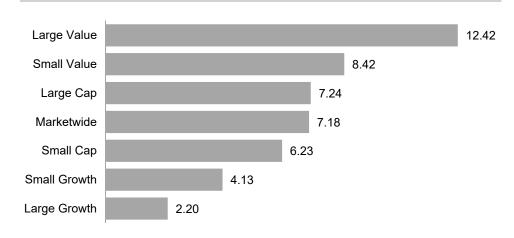
Small caps underperformed large caps.

REIT indices underperformed equity market indices.

#### **World Market Capitalization—US**



#### Ranked Returns (%)



#### Period Returns (%)

			Annualized				
Asset Class	QTR	1 Year	3 Years	5 Years	10 Years		
Large Value	12.42	-7.54	5.96	6.67	10.29		
Small Value	8.42	-14.48	4.70	4.13	8.48		
Large Cap	7.24	-19.13	7.35	9.13	12.37		
Marketwide	7.18	-19.21	7.07	8.79	12.13		
Small Cap	6.23	-20.44	3.10	4.13	9.01		
Small Growth	4.13	-26.36	0.65	3.51	9.20		
Large Growth	2.20	-29.14	7.79	10.96	14.10		

Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Market segment (index representation) as follows: Marketwide (Russell 3000 Index), Large Cap (Russell 1000 Index), Large Value (Russell 1000 Value Index), Large Growth (Russell 1000 Growth Index), Small Cap (Russell 2000 Index), Small Value (Russell 2000 Value Index), and Small Growth (Russell 2000 Growth Index). World Market Cap represented by Russell 3000 Index, MSCI World ex USA IMI Index, and MSCI Emerging Markets IMI Index. Russell 3000 Index is used as the proxy for the US market. Dow Jones US Select REIT Index used as proxy for the US REIT market. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes. MSCI data © MSCI 2023, all rights reserved.

## International Developed Stocks

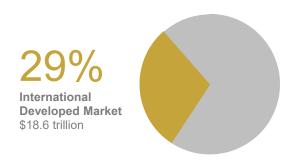
#### Fourth quarter 2022 index returns

Developed markets outside of the US posted positive returns for the quarter and outperformed both US and emerging markets.

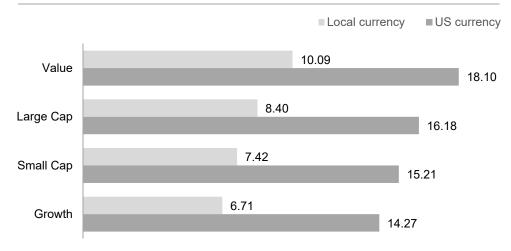
Value outperformed growth.

Small caps underperformed large caps.

#### **World Market Capitalization—International Developed**



#### Ranked Returns (%)



#### Period Returns (%)

			Annualized				
Asset Class	QTR	1 Year	3 Years	5 Years	10 Years		
Value	18.10	-5.64	1.13	0.56	3.55		
Large Cap	16.18	-14.29	1.27	1.79	4.59		
Small Cap	15.21	-20.59	-0.15	0.45	5.77		
Growth	14.27	-22.68	0.71	2.56	5.35		

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Market segment (index representation) as follows: Large Cap (MSCI World ex USA Index), Small Cap (MSCI World ex USA Small Cap Index), Value (MSCI World ex USA Value Index), and Growth (MSCI World ex USA Growth Index). All index returns are net of withholding tax on dividends. World Market Cap represented by Russell 3000 Index, MSCI World ex USA IMI Index, and MSCI Emerging Markets IMI Index. MSCI World ex USA IMI Index is used as the proxy for the International Developed market. MSCI data © MSCI 2023, all rights reserved. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes.

## **Emerging Markets Stocks**

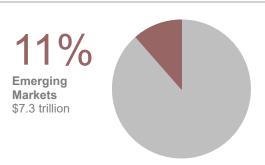
#### Fourth quarter 2022 index returns

Emerging markets posted positive returns for the quarter and outperformed the US market, but underperformed non-US developed markets.

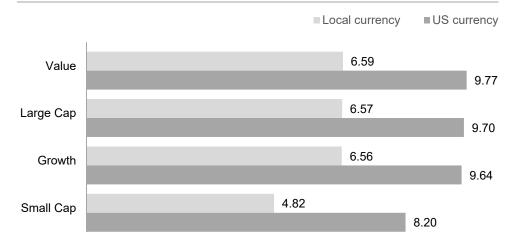
Value outperformed growth.

Small caps underperformed large caps.

#### **World Market Capitalization—Emerging Markets**



#### Ranked Returns (%)



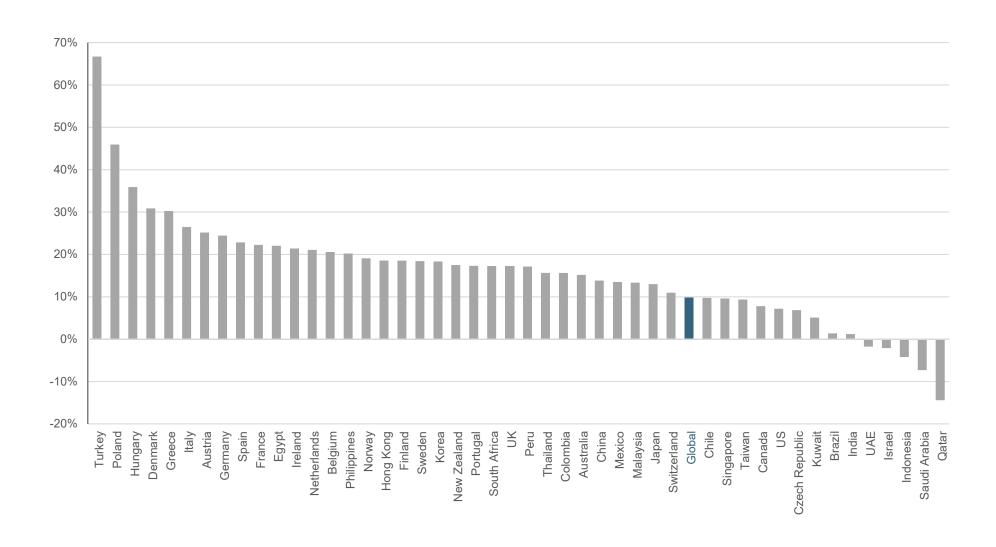
#### Period Returns (%)

			Annualized					
Asset Class	QTR	1 Year	3 Years	5 Years	10 Years			
Value	9.77	-15.83	-2.62	-1.59	0.06			
Large Cap	9.70	-20.09	-2.69	-1.40	1.44			
Growth	9.64	-23.96	-2.93	-1.33	2.68			
Small Cap	8.20	-18.02	5.11	1.06	3.21			

Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Market segment (index representation) as follows: Large Cap (MSCI Emerging Markets Index), Small Cap (MSCI Emerging Markets Small Cap Index), Value (MSCI Emerging Markets Value Index), and Growth (MSCI Emerging Markets Growth Index). All index returns are net of withholding tax on dividends. World Market Cap represented by Russell 3000 Index, MSCI World ex USA IMI Index, and MSCI Emerging Markets IMI Index. MSCI Emerging Markets IMI Index used as the proxy for the emerging market portion of the market. MSCI data © MSCI 2023, all rights reserved. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes.

## **Country Returns**

Fourth quarter 2022 index returns

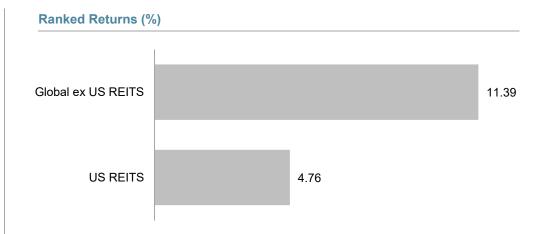


#### Past performance is no guarantee of future results.

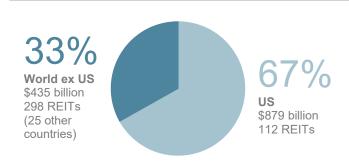
## Real Estate Investment Trusts (REITs)

#### Fourth quarter 2022 index returns

US real estate investment trusts underperformed non-US REITs during the quarter.



#### **Total Value of REIT Stocks**



#### Period Returns (%)

				Annualized	
Asset Class	QTR	1 Year	3 Years	5 Years	10 Years
Global ex US REITS	11.39	-22.56	-7.77	-2.13	1.61
US REITS	4.76	-25.96	-1.37	2.50	5.74

Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Number of REIT stocks and total value based on the two indices. All index returns are net of withholding tax on dividends. Total value of REIT stocks represented by Dow Jones US Select REIT Index and the S&P Global ex US REIT Index. Dow Jones US Select REIT Index used as proxy for the US market, and S&P Global ex US REIT Index used as proxy for the World ex US market. Dow Jones and S&P data © 2023 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved.

## Commodities

#### Fourth quarter 2022 index returns

The Bloomberg Commodity Total Return Index returned +2.22% for the fourth quarter of 2022.

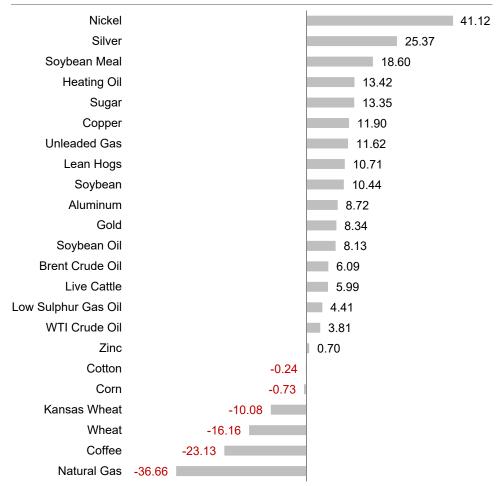
Nickel and Silver were the best performers, returning +41.12% and +25.37% during the quarter, respectively.

Natural Gas and Coffee were the worst performers, returning -36.66% and -23.13% during the quarter, respectively.

#### Period Returns (%)

			Annualized					
Asset Class	QTR	1 Year	3 Years	5 Years	10 Years			
Commodities	2.22	16.09	12.65	6.44	-1.28			

#### Ranked Returns (%)



### **Fixed Income**

#### Fourth quarter 2022 index returns

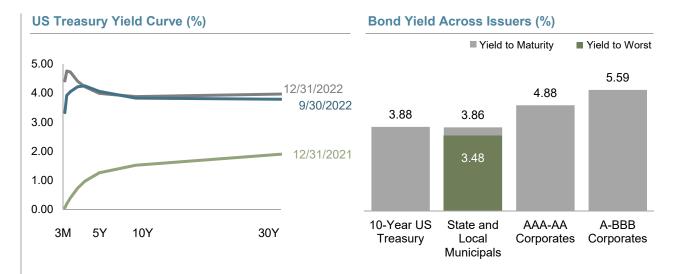
Interest rates changes were mixed in the US Treasury market for the quarter.

On the short end of the yield curve, the 1-Month US Treasury Bill yield increased 133 basis points (bps) to 4.12%, while the 1-Year US Treasury Bill yield increased 68 bps to 4.73%. The yield on the 2-Year US Treasury Note increased 19 bps to 4.41%.

The yield on the 5-Year US Treasury Note decreased 7 bps to 3.99%. The yield on the 10-Year US Treasury Note increased 5 bps to 3.88%. The yield on the 30-Year US Treasury Bond increased 18 bps to 3.97%.

In terms of total returns, short-term US treasury bonds returned +0.94% while intermediate-term US treasury bonds returned +1.02%. Short-term corporate bonds returned +1.95% and intermediate-term corporate bonds returned +2.72%.1

The total return for short-term municipal bonds was +2.00% and +3.81% for intermediate-term municipal bonds. Within the municipal fixed income market, general obligation performed in line with revenue bonds, returning +4.19% vs. +4.21%, respectively.<sup>2</sup>



#### Period Returns (%)

				Annualized	
Asset Class	QTR	1 Year	3 Years	5 Years	10 Years
Bloomberg U.S. High Yield Corporate Bond Index	4.17	-11.19	0.05	2.31	4.03
Bloomberg Municipal Bond Index	4.10	-8.53	-0.77	1.25	2.13
FTSE World Government Bond Index 1-5 Years	3.83	-8.73	-2.44	-1.15	-1.20
Bloomberg U.S. TIPS Index	2.04	-11.85	1.21	2.11	1.12
Bloomberg U.S. Aggregate Bond Index	1.87	-13.01	-2.71	0.02	1.06
ICE BofA US 3-Month Treasury Bill Index	0.84	1.46	0.72	1.26	0.76
ICE BofA 1-Year US Treasury Note Index	0.76	-1.02	0.23	1.09	0.74
FTSE World Government Bond Index 1-5 Years (hedged to USD)	0.57	-4.49	-0.75	0.73	0.98
Bloomberg U.S. Government Bond Index Long	-0.59	-29.19	-7.39	-2.19	0.61

<sup>1.</sup> Bloomberg US Treasury and US Corporate Bond Indices

<sup>2.</sup> Bloomberg Municipal Bond Index

One basis point (bps) equals 0.01%. Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Yield curve data from Federal Reserve. State and local bonds, and the Yield to Worst are from the S&P National AMT-Free Municipal Bond Index. AAA-AA Corporates represent the ICE BofA US Corporates, AA-AAA rated. A-BBB Corporates represent the ICE BofA Corporates, BBB-A rated. Bloomberg data provided by Bloomberg. US long-term bonds, bills, inflation, and fixed income factor data © Stocks, Bonds, Bills, and Inflation (SBBI) Yearbook™, Ibbotson Associates, Chicago (annually updated work by Roger G. Ibbotson and Rex A. Sinquefield). FTSE fixed income indices © 2023 FTSE Fixed Income LLC, all rights reserved. ICE BofA index data © 2023 ICE Data Indices, LLC. S&P data © 2023 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved. Bloomberg data provided by Bloomberg.

## Global Fixed Income

#### Fourth quarter 2022 yield curves

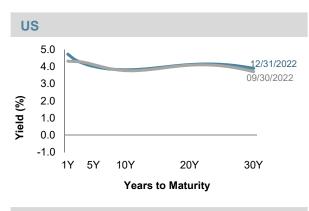
Interest rate changes were mixed within global developed markets for the quarter. Generally, interest rates increased the most along the ultrashort and longer-term segments.

Realized term premiums were mixed within global developed markets.
Intermediate-term bonds were generally the best performers and long-term bonds were generally the worst performers.

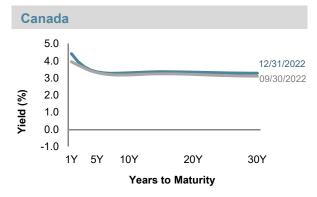
In Japan, except for ultra-short term interest rates, interest rates were generally positive. In Canada, the short-term maturity segment of the yield curve remained inverted.

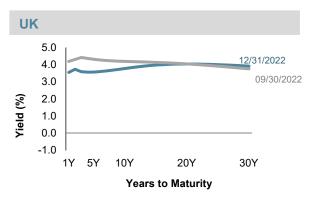
#### Changes in Yields (bps) since 9/30/2022

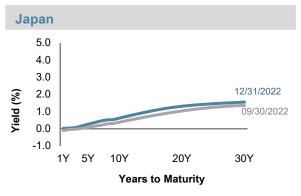
	1Y	5Y	10Y	20Y	30Y
US	41.0	-10.2	4.8	3.6	19.4
UK	-63.7	-74.6	-41.2	-0.5	16.1
Germany	63.1	55.9	39.1	35.3	30.3
Japan	13.1	17.9	24.4	27.1	19.2
Canada	46.9	4.0	12.0	13.0	17.1
Australia	4.2	2.3	14.4	23.7	24.1

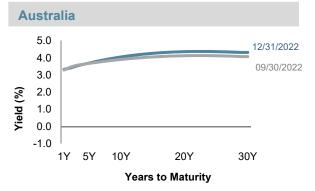












# Guide for Reading the SMART Monitoring Report

## **RETIREMENT**

PLAN CONSULTANTS LLC POWERED BY

### **WEALTH MANAGEMENT**

A REGISTERED INVESTMENT ADVISOR





If you see all is well. This fund has passed our mandate system by scoring 75% or better.

If you see this fund did not pass our fiduciary mandate testing for the quarter. For various reasons that are detailed in this report, these funds are not included on the watch or replacement list.

If you see look closer. This fund has failed our mandate system for at least four quarters and is on our watch list. If the fund fails six consecutive quarters, it will be moved to the replacement list.

If you see will be removing the fund from the lineup. It has been moved to the replacement list and we will be communicating regarding a substitute fund.

The following slides will review our SMART Monitoring Report and address any issues or updates.







The below table outlines the different screens each fund must pass to stay in your plan's lineup.

## **Our Fiduciary Mandates**

Mandate	Criteria
Product History	Product must have been in existence for at least 10 years.
Product Assets	Must have at least \$100 million managed in this specific investment style.
Alpha 10 Year	The product's 10 year alpha must be greater than or equal to 0.
Sharpe 10 Year	The product's 10 year Sharpe ratio must be greater than or equal to the benchmark.
Performance 10 Year	The product must have positive excess performance relative to its benchmark over the trailing 10-year period.
Peer Group 10 Year	The product's 10 year return must be higher than the peer group's 50 <sup>th</sup> percentile 10 year return.
Standard Deviation 10 Year	The product's 10 year standard deviation must be less than or equal to 150% of the benchmark's standard deviation.
Tracking Error 10 Year	The product's 10 year tracking error must be less than 10%.

# Fund Commentary, Secondary Considerations, and Watch/Replacement List

## RETIREMENT

PLAN CONSULTANTS LLC POWERED BY

## **WEALTH MANAGEMENT**

A REGISTERED INVESTMENT ADVISOR





## **SMART Monitoring Results – Fund Commentary**

	Product History	Product Assets	Alpha 10 Year	Sharpe 10 Year	Performance 10 Year	Peer Group 10 Year	Standard Deviation 10 Year	Tracking Error 10 Year	Fund Result
U.S. Large Cap									
DFA US Large Company	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
Vanguard Growth Index Admiral	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
DFA US Large Cap Value	✓	✓	Х	Х	✓	✓	✓	✓	<b>⊘</b>
U.S. Mid Cap									
Vanguard Mid-Cap Index Admiral	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
Vanguard Mid-Cap Value Index Adm	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
U.S. Small Cap									
DFA US Small Cap	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
DFA US Targeted Value	✓	✓	✓	✓	✓	✓	✓	Х	<b>✓</b>
International Large Cap					•				•
Vanguard International Growth Adm	✓	✓	✓	✓	✓	✓	✓	✓	•
DFA International Value	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
International Small Cap									
DFA International Small Company	✓	✓	✓	✓	✓	✓	✓	✓	<b>⊘</b>
DFA International Small Cap Value	✓	✓	<b>√</b>	✓	✓	✓	✓	✓	<b>⊘</b>



## **SMART Monitoring Results – Fund Commentary**

	Product History	Product Assets	Alpha 10 Year	Sharpe 10 Year	Performance 10 Year	Peer Group 10 Year	Standard Deviation 10 Year	Tracking Error 10 Year	Fund Result
Emerging Markets Equity									
DFA Emerging Markets Core Equity	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
REITS									
DFA Global Real Estate Securities	✓	✓	✓	✓	✓	✓	✓	Х	V
U.S. Fixed Income					•				
DFA Inflation-Protected Securities	✓	✓	Х	✓	X	✓	✓	✓	<b>✓</b>
Vanguard Intermediate-Term Bond Index	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
Vanguard Total Bond Market Index	✓	✓	✓	✓	Х	✓	✓	✓	<b>✓</b>
Vanguard Short-Term Investment Grade	✓	✓	✓	✓	✓	✓	Х	✓	<b>✓</b>
Vanguard High-Yield Corporate	✓	✓	✓	✓	X	✓	✓	✓	<b>✓</b>
Global Fixed Income		ı	ı		·				
Vanguard Total Int'l Bond Index*	✓	✓	✓	✓	Х	Х	✓	✓	$\checkmark$



## SMART Monitoring Results – Fund Commentary

	Product History	Product Assets	Alpha 10 Year	Sharpe 10 Year	Performance 10 Year	Peer Group 10 Year	Standard Deviation 10 Year	Tracking Error 10 Year	Fund Result
Target Retirement	·								
Vanguard Target Date Income	✓	✓	✓	✓	Х	✓	✓	✓	<b>✓</b>
Vanguard Target Date 2020	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
Vanguard Target Date 2025	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
Vanguard Target Date 2030	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
Vanguard Target Date 2035	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
Vanguard Target Date 2040	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
Vanguard Target Date 2045	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
Vanguard Target Date 2050	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
Vanguard Target Date 2055	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
Vanguard Target Date 2060	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
Vanguard Target Date 2065	Х	✓	N/A	N/A	N/A	N/A	N/A	N/A	
Vanguard Target Date 2070	Х	✓	N/A	N/A	N/A	N/A	N/A	N/A	



## SMART Monitoring Results – Secondary Considerations

# Vanguard Target Retirement Funds<sup>1</sup>: 2065 & 2070

Based on the scoring of the Vanguard Target Retirement 2040 fund, we consider the above funds as passing. The holdings inside the Vanguard Target Retirement 2040 fund are the same as the funds listed above; however, each fund has a different allocation to stocks and bonds.

#### \*Vanguard Total Int'l Bond Index:

This fund currently lacks a ten-year history (Inception date 5/13/2013). It is being monitored using the same mandates over a 5-year period until it has a full ten-year history.

 $<sup>^{\</sup>rm 1}$  Please refer to the definitions and disclosures section enclosed within this monitoring report.



# SMART Monitoring Results – Watch/Replacement List



Watch List:



Replacement List:



<u>Alpha</u> is a measure of performance on a risk-adjusted basis. Alpha takes the volatility (price risk) of a mutual fund and compares its risk-adjusted performance to a benchmark index. The excess return of the fund relative to the return of the benchmark index is a fund's alpha.

The **Sharpe** ratio tells us whether a portfolio's returns are due to smart investment decisions or a result of excess risk. Although one portfolio or fund can reap higher returns than its peers, it is only a good investment if those higher returns do not come with too much additional risk. The greater a portfolio's Sharpe ratio, the better its risk-adjusted performance has been. A negative Sharpe ratio indicates that a risk-less asset would perform better than the security being analyzed.

<u>Standard deviation</u> is a statistical measurement that sheds light on historical volatility. For example, a volatile stock will have a high standard deviation while the deviation of a stable blue chip stock will be lower. A large dispersion tells us how much the return on the fund is deviating from the expected normal returns.

<u>Tracking errors</u> are reported as a "standard deviation percentage" difference. This measure reports the difference between the return an investor receives and that of the benchmark he or she was attempting to imitate.

To create the fund scorecard, a set of tests are applied to a product's data for a certain date. This report includes the tests and the results and should not be considered investment advice. We do not suggest using the fund scorecard to buy or sell any Fund. Please refer to your fiduciary system document for more details on the monitoring and replacement of investment options, and contact us if you would like more information regarding the results.

<sup>1</sup> The fund did not pass all of the different mandates. The mandates not passed are listed underneath the respective fund. Review was given to each individual fund to form conclusions. Based on the detailed review, the fund is allowed to stay within the lineup and will not be included on the watch list and/or replacement. Secondary considerations can be applied when comparing risk and performance measurements to the benchmark.

## **Quarterly Investment Meeting Minutes**

# RETIREMENT PLAN CONSULTANTS LLC POWERED BY WEALTH MANAGEMENT A REGISTERED INVESTMENT ADVISOR



Persons Present:		
Item Discussed/Decisions Made by Trustees	<u>s:</u>	
		_
		<del>_</del>
		_
		<del></del>
		_
The SMART Monitoring Report is accepted a	as presented for this quarter.	
Print Name:	Print Name:	<del></del>
Title:	Title:	_
Signature:	Signature:	<u> </u>
Date:	Date:	

If nothing noted above, the Plan trustees have accepted this quarter's monitoring report as-is.

# Thanks for listening!

Any questions . . . .

Email: kylek@wealthfirm.info







