



# JANUARY 2023 UPDATE & Q4 2023 PERFORMANCE REVIEW

MEMORIAL HEALTHCARE SYSTEM



#### FEBRUARY 2023

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# TABLE OF CONTENTS

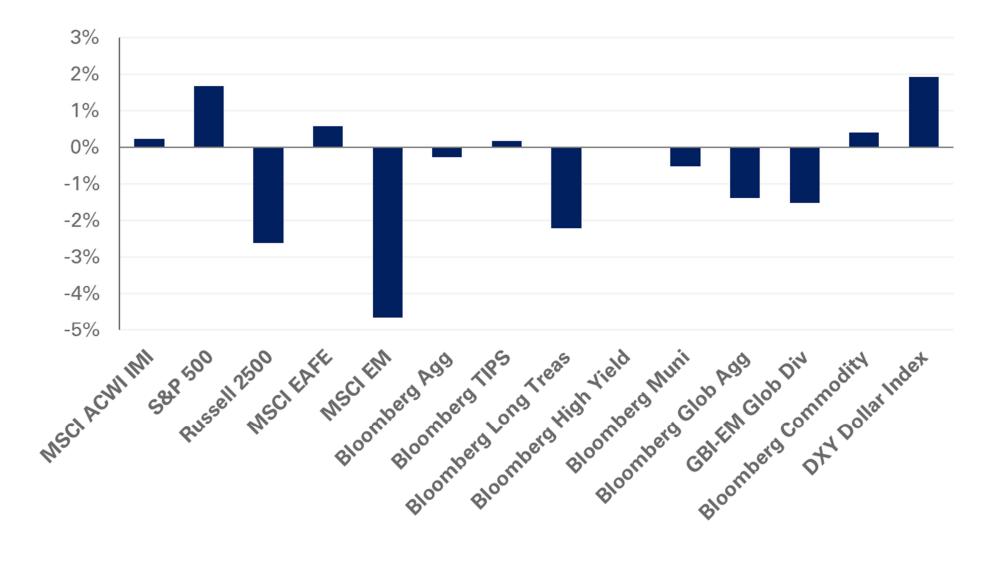
- January Market Update
- January Preliminary Flash Reports
- Q4 2023 Performance Reports
- Defined Contribution Recommendation
- 2024 Key Market Themes and Assumptions
- Appendix





## U.S. LARGE-CAP EQUITIES OUTPERFORMED

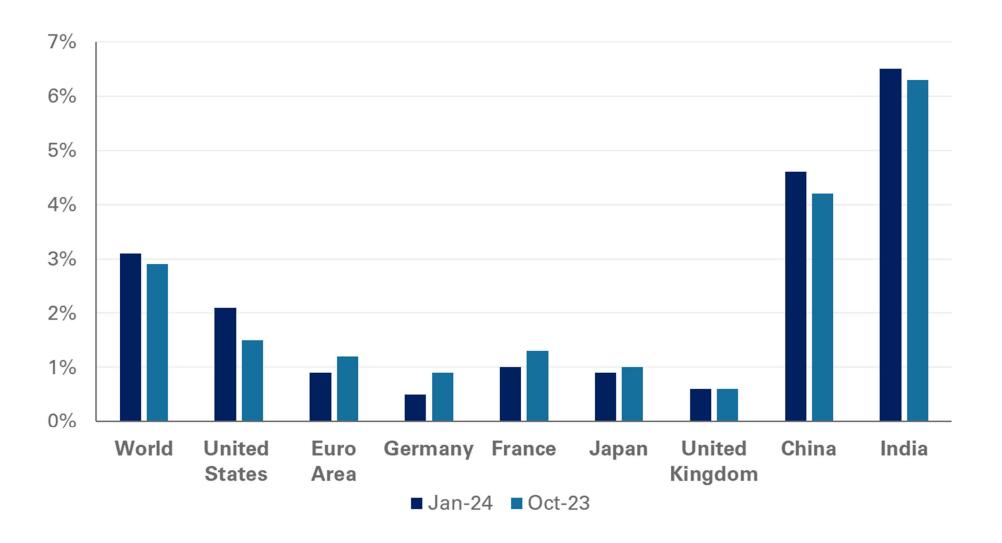
#### MONTHLY TOTAL RETURNS





# U.S. AND EM ECONOMIC GROWTH REVISED HIGHER

IMF 2024 REAL GDP GROWTH FORECAST

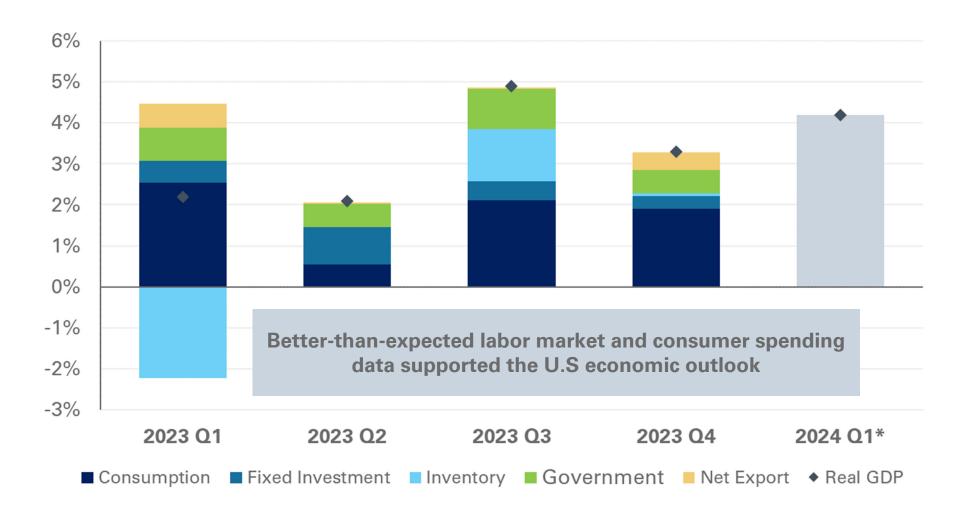




Source: IMF

# **CONSUMER SPENDING SUPPORTED THE ECONOMY**

#### CONTRIBUTIONS TO U.S. REAL GDP





2024 Q1\* represents Atlanta Federal Reserve GDPNow forecasts for Q1 as of 2/1/2024 Source: Bureau of Economic Analysis, Federal Reserve Bank of Atlanta, FactSet

# THE MARKET NOW EXPECTS FIVE CUTS IN 2024

#### FEDERAL FUND FUTURES

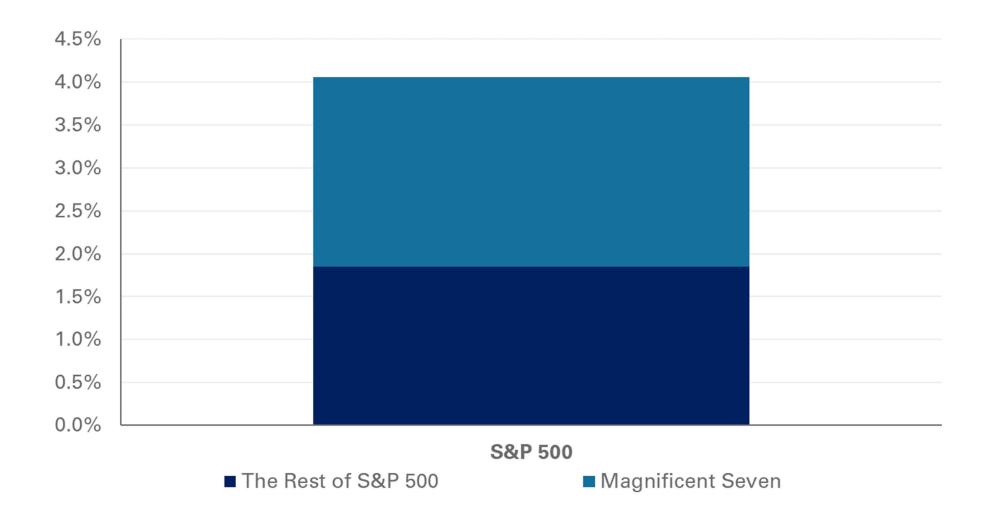




Source: FactSet

# THE MAGNIFICENT 7 SUPPORTED S&P 500 RETURNS

#### YEAR-TO-DATE TOTAL RETURNS

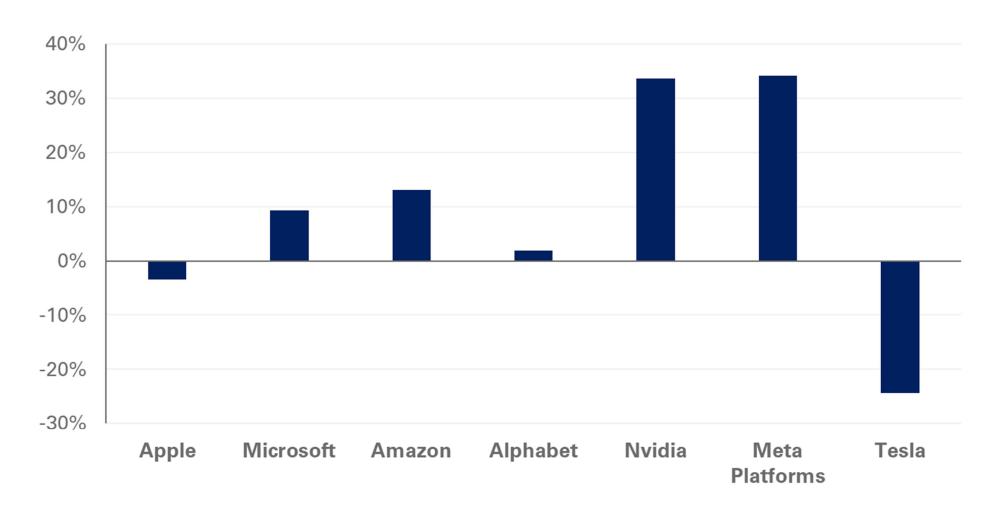




Calculated as of 2/2/2024 Source: S&P, FactSet

# **MAGNIFICENT 7 RETURNS WERE MIXED**

#### YEAR-TO-DATE TOTAL RETURNS





Calculated as of 2/2/2024 Source: FactSet

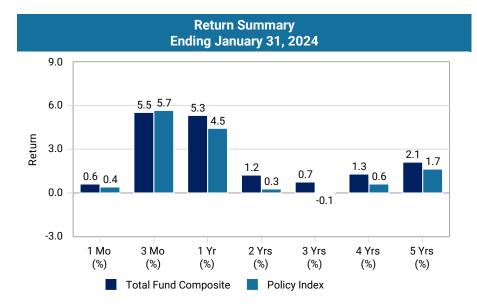




# SOUTH **BROWARD** HOSPITAL DISTRICT -**OPERATING FUNDS**

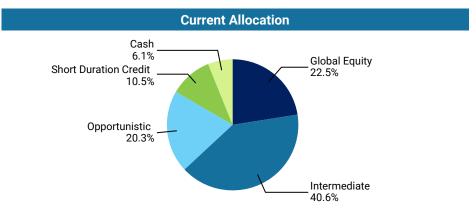
January 31, 2024

#### **EXECUTIVE SUMMARY**



	Current (\$)	Current (%)	Policy (%)	Differences (%)
Global Equity	530,102,298	22.5	20.0	2.5
Intermediate	955,706,859	40.6	35.0	5.6
Opportunistic	479,150,525	20.3	20.0	0.3
Short Duration Credit	247,309,662	10.5	10.0	0.5
Cash	143,994,466	6.1	15.0	-8.9
Total	2,356,263,810	100.0	100.0	0.0

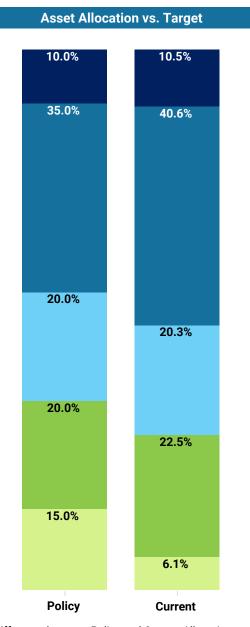




Summary of Cash Flows										
	1 Month	1 Year	3 Years							
Beginning Market Value	2,341,109,499	2,380,714,832	2,534,124,099							
Net Cash Flow		-149,298,796	-229,685,229							
Net Investment Change	15,154,311	124,847,774	51,824,939							
Ending Market Value	2,356,263,810	2,356,263,810	2,356,263,810							



# **ASSET ALLOCATION VS. POLICY**



	Current (\$)	Current (%)	Policy (%)	Differences* (%)	Policy Range (%)	Within Range
Short Term Composite	247,309,662	10.5	10.0	0.5	5.0 - 15.0	Yes
Intermediate Term Composite	955,706,859	40.6	35.0	5.6	30.0 - 40.0	No
Opportunistic Composite	479,150,525	20.3	20.0	0.3	15.0 - 25.0	Yes
Global Equity Composite	530,102,298	22.5	20.0	2.5	15.0 - 25.0	Yes
Cash Composite	143,994,466	6.1	15.0	-8.9	15.0 - 20.0	No
Total Fund Composite	2,356,263,810	100.0	100.0	0.0		

<sup>\*</sup>Difference between Policy and Current Allocation

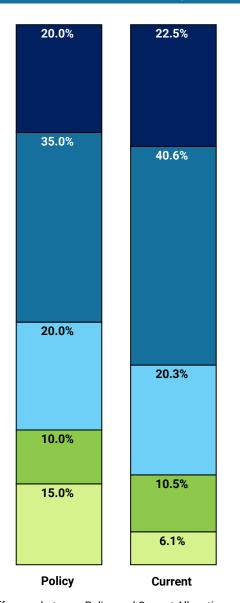


MHS Operating Plan

January 31, 2024

# **ASSET ALLOCATION VS. POLICY**

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



	Current Balance (\$)	Policy (%)	Current Allocation (%)	Differences (%)	Policy Range (%)	Within Range
Global Equity	530,102,298	20.0	22.5	2.5	15.0 - 25.0	Yes
Vanguard Global Minimum Volatility Equity	249,355,483		10.6			
Parametric Global Defensive Equity	280,746,814		11.9			
Intermediate	955,706,859	35.0	40.6	5.6	30.0 - 40.0	No
Galliard Intermediate Government	231,594,936		9.8			
Merganser Intermediate Bond	224,946,961		9.5			
Fort Washington Intermediate Bond	193,255,757		8.2			
Lord Abbett Intermediate Bond	222,333,479		9.4			
PFM - Self Insurance Fund	46,342,408		2.0			
PFM - Disability Fund	20,523,372		0.9			
PFM - Workmen's Compensation Fund	11,209,865		0.5			
PFM - Health & Dental Fund	5,500,080		0.2			
Opportunistic	479,150,525	20.0	20.3	0.3	15.0 - 25.0	Yes
Galliard Opportunistic	147,877,237		6.3			
Merganser Opportunistic	147,989,680		6.3			
Fort Washington Active Fixed Income	183,283,608		7.8			
<b>Short Duration Credit</b>	247,309,662	10.0	10.5	0.5	5.0 - 15.0	Yes
Lord Abbett Short Duration	124,500,329		5.3			
Loop Capital Asset Management	122,809,332		5.2			
Cash	143,994,466	15.0	6.1	-8.9	15.0 - 20.0	No
PNC Treasury Management	143,990,419		6.1			
U.S. Bank Cash	4,048		0.0			
Total	2,356,263,810	100.0	100.0	0.0		

<sup>\*</sup>Difference between Policy and Current Allocation



	Allocation	on		Performance (%)						
	Market	% of	1 Mo	3 Mo	FYTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs
	Value (\$)	Portfolio	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
Total Fund Composite	2,356,263,810	100.0	0.6	5.5	4.1	5.3	1.2	0.7	1.3	2.1
Policy Index			0.4	5.7	3.1	4.5	0.3	-0.1	0.6	1.7
Fixed Income Composite	1,682,167,046	71.4	0.3	5.3	2.9	3.9	-0.4	-1.1	0.1	1.2
Short Term Composite	247,309,662	10.5	0.4	3.7	3.2	4.3	0.5	-0.3	0.4	1.1
Blmbg. 1-5 Year Gov/Credit			0.3	3.7	2.8	4.0	0.2	-0.5	0.5	1.5
Lord Abbett Short Duration	124,500,329	5.3	0.4	3.9	3.1	4.3	0.6			
Blmbg. 1-5 Year Gov/Credit			0.3	3.7	2.8	4.0	0.2			
Loop Capital Asset Management	122,809,332	5.2	0.5	3.6	3.3	4.3	0.4	-0.4	0.3	1.0
Blmbg. 1-5 Year Gov/Credit			0.3	3.7	2.8	4.0	0.2	-0.5	0.5	1.5
Intermediate Term Composite	955,706,859	40.6	0.3	5.2	2.9	3.9	-0.4	-1.1	0.1	1.1
Blmbg. Intermed. U.S. Government/Credit			0.2	5.3	2.4	3.5	-0.9	-1.5	0.0	1.5
Galliard Intermediate Government	231,594,936	9.8	0.5	5.8	3.2	4.0	-0.5	-1.0	0.2	1.2
Blmbg. Intermed. U.S. Government/Credit			0.2	5.3	2.4	3.5	-0.9	-1.5	0.0	1.5
Merganser Intermediate Bond	224,946,961	9.5	0.3	5.0	2.8	3.8	-0.5	-1.1	0.1	1.1
Blmbg. Intermed. U.S. Government/Credit			0.2	5.3	2.4	3.5	-0.9	-1.5	0.0	1.5
Fort Washington Intermediate Bond	193,255,757	8.2	0.3	5.3	2.8	3.8	-0.5			
Blmbg. Intermed. U.S. Government/Credit			0.2	5.3	2.4	3.5	-0.9			
Lord Abbett Intermediate Bond	222,333,479	9.4	0.3	5.4	2.6	3.7	-0.6			
Blmbg. Intermed. U.S. Government/Credit			0.2	5.3	2.4	3.5	-0.9			
PFM - Self Insurance Fund	46,342,408	2.0	0.4	3.7	3.1	4.2	0.5	-0.3	0.7	1.5
ICE BofA 1-5 Yr Treasury & Agency			0.4	3.3	2.4	3.6	0.0	-0.6	0.3	1.2
PFM - Disability Fund	20,523,372	0.9	0.4	3.7	3.1	4.2	0.5	-0.3	0.7	1.5
ICE BofA 1-5 Yr Treasury & Agency			0.4	3.3	2.4	3.6	0.0	-0.6	0.3	1.2
PFM - Workmen's Compensation Fund	11,209,865	0.5	0.4	2.5	3.4	4.7	1.5	0.6	1.0	1.6
ICE BofA U.S. Agencies, 1-3yr			0.4	2.5	3.3	4.3	0.9	0.2	0.7	1.3
PFM - Health & Dental Fund	5,500,080	0.2	0.4	2.5	3.3	4.6	1.4	0.5	1.0	1.5
ICE BofA U.S. Agencies, 1-3yr			0.4	2.5	3.3	4.3	0.9	0.2	0.7	1.3



	Allocati	on		Performance (%)						
	Market Value (\$)	% of Portfolio	1 Mo (%)	3 Mo (%)	FYTD (%)	1 Yr (%)	2 Yrs (%)	3 Yrs (%)	4 Yrs (%)	5 Yrs (%)
Opportunistic Composite	479,150,525	20.3	0.3	6.2	2.8	3.6	-0.9	-1.4	0.0	1.3
Blmbg. U.S. Intermediate Aggregate			0.0	6.5	2.1	2.8	-1.7	-2.0	-0.5	1.0
Galliard Opportunistic	147,877,237	6.3	0.4	6.8	2.7	3.4	-1.2	-1.6	0.0	1.3
Blmbg. U.S. Intermediate Aggregate			0.0	6.5	2.1	2.8	-1.7	-2.0	-0.5	1.0
Merganser Opportunistic	147,989,680	6.3	0.3	5.8	2.7	3.6	-0.8	-1.3	0.0	1.3
Blmbg. U.S. Intermediate Aggregate			0.0	6.5	2.1	2.8	-1.7	-2.0	-0.5	1.0
Fort Washington Active Fixed Income	183,283,608	7.8	0.2	6.0	2.8	3.8	-0.6			
Blmbg. U.S. Intermediate Aggregate			0.0	6.5	2.1	2.8	-1.7			
Global Equity Composite	530,102,298	22.5	1.7	8.2	7.7	10.0	4.7	6.3	5.1	6.4
MSCI AC World Minimum Volatility Index (Net)			1.3	9.7	4.5	7.3	1.5	4.3	3.1	5.7
Vanguard Global Minimum Volatility Equity	249,355,483	10.6	2.8	9.7	7.5	9.1	4.8	6.0	3.1	5.8
MSCI AC World Minimum Volatility Index (Net)			1.3	9.7	4.5	7.3	1.5	4.3	3.1	5.7
Parametric Global Defensive Equity	280,746,814	11.9	0.7	6.9	8.2	11.1	4.7	6.6	5.8	6.4
50% MSCI ACWI / 50% 90 Day T-Bill			0.5	8.1	8.6	10.1	3.5	4.5	5.7	6.4
Cash Composite	143,994,466	6.1								
90 Day U.S. Treasury Bill			0.4	1.3	4.0	5.1	3.4	2.3	1.9	1.9
PNC Treasury Management	143,990,419	6.1	0.4	1.4	4.0	5.2	3.4	2.3	1.9	2.0
90 Day U.S. Treasury Bill			0.4	1.3	4.0	5.1	3.4	2.3	1.9	1.9
U.S. Bank Cash	4,048	0.0								
90 Day U.S. Treasury Bill			0.4	1.3	4.0	5.1	3.4	2.3	1.9	1.9
* All data is avaliationary, and authority to absorb Managain Haal	h Customal Fiscal Vac	السمال منا مامما								

<sup>\*</sup> All data is preliminary and subject to change. Memorial Health Systems' Fiscal Year ends in April.



<sup>\*</sup> All data prior to 5/2023 was received from Marquette Associates.

<sup>\*</sup> Policy Index consist of 35% Bloomberg Intermediate U.S. Gov/Credit, 20% Bloomberg U.S. Intermediate Aggregate, 10% Bloomberg 1-5 Year Gov/Credit, 20% MSCI AC World Minimum Volatility Index (Net), and 15% 90 Day U.S. T-Bills.

	Allocation	on				F	erform	ance (%	)			
	Market Value (\$)	% of Portfolio	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Total Fund Composite	2,356,263,810	100.0	6.7	-5.9	1.1	3.9	5.3	1.2	1.3	1.1	1.1	1.7
Policy Index			5.7	-7.1	1.0	3.9	5.7	1.2	0.8	0.9	0.8	1.3
Fixed Income Composite	1,682,167,046	71.4	5.5	-7.5	-1.1	5.0	4.8	1.5	1.3	1.3	1.1	2.0
Short Term Composite	247,309,662	10.5	5.1	-5.2	-1.0	3.2	3.5	1.6	0.7	8.0	0.6	0.6
Blmbg. 1-5 Year Gov/Credit			4.9	-5.5	-1.0	4.7	5.0	1.4	1.3	1.6	1.0	1.4
Lord Abbett Short Duration	124,500,329	5.3	5.1	-4.9								
Blmbg. 1-5 Year Gov/Credit			4.9	-5.5								
Loop Capital Asset Management	122,809,332	5.2	5.1	-5.6	-0.9	3.2	3.5	1.6	0.7	1.0	0.4	0.5
Blmbg. 1-5 Year Gov/Credit			4.9	-5.5	-1.0	4.7	5.0	1.4	1.3	1.6	1.0	1.4
Intermediate Term Composite	955,706,859	40.6	5.5	-7.5	-1.0	4.8	4.6	1.5	1.3	1.2	1.2	1.9
Blmbg. Intermed. U.S. Government/Credit			5.2	-8.2	-1.4	6.4	6.8	0.9	2.1	2.1	1.1	3.1
Galliard Intermediate Government	231,594,936	9.8	5.8	-8.1	-0.6	5.1	4.6	1.5	1.4	1.3	1.1	2.0
Blmbg. Intermed. U.S. Government/Credit			5.2	-8.2	-1.4	6.4	6.8	0.9	2.1	2.1	1.1	3.1
Merganser Intermediate Bond	224,946,961	9.5	5.5	-7.6	-1.0	4.6	4.6	1.5	1.3	1.2	1.0	1.8
Blmbg. Intermed. U.S. Government/Credit			5.2	-8.2	-1.4	6.4	6.8	0.9	2.1	2.1	1.1	3.1
Fort Washington Intermediate Bond	193,255,757	8.2	5.6	-7.9								
Blmbg. Intermed. U.S. Government/Credit			5.2	-8.2								
Lord Abbett Intermediate Bond	222,333,479	9.4	5.5	-7.7								
Blmbg. Intermed. U.S. Government/Credit			5.2	-8.2								
PFM - Self Insurance Fund	46,342,408	2.0	5.0	-5.0	-0.9	4.6	4.6	1.4	1.1	1.3	1.0	1.3
ICE BofA 1-5 Yr Treasury & Agency			4.3	-5.2	-1.1	4.2	4.2	1.5	0.7	1.1	1.0	1.2
PFM - Disability Fund	20,523,372	0.9	5.0	-5.1	-0.9	4.6	4.6	1.3	1.1	1.3	1.0	1.3
ICE BofA 1-5 Yr Treasury & Agency			4.3	-5.2	-1.1	4.2	4.2	1.5	0.7	1.1	1.0	1.2
PFM - Workmen's Compensation Fund	11,209,865	0.5	5.1	-3.0	-0.5	2.8	3.5	1.6	0.7	1.0	0.7	0.6
ICE BofA U.S. Agencies, 1-3yr			4.7	-3.7	-0.4	2.7	3.5	1.8	0.7	1.0	0.7	0.7
PFM - Health & Dental Fund	5,500,080	0.2	5.0	-3.1	-0.5	2.8	3.5	1.7	0.7	1.0	0.7	0.6
ICE BofA U.S. Agencies, 1-3yr			4.7	-3.7	-0.4	2.7	3.5	1.8	0.7	1.0	0.7	0.7



Allocation		Performance (%)									
Market Value (\$)	% of Portfolio	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
479,150,525	20.3	5.7	-8.5	-1.4	6.3	5.9	1.3	2.0	1.6	1.5	3.2
		5.2	-9.5	-1.3	5.6	6.7	0.9	2.3	2.0	1.2	4.1
147,877,237	6.3	5.7	-9.2	-1.1	6.6	5.9	1.3	2.2	1.6	1.4	3.4
		5.2	-9.5	-1.3	5.6	6.7	0.9	2.3	2.0	1.2	4.1
147,989,680	6.3	5.6	-8.3	-1.4	5.9	5.8	1.4	1.7	1.6	1.2	2.5
		5.2	-9.5	-1.3	5.6	6.7	0.9	2.3	2.0	1.2	4.1
183,283,608	7.8	5.8	-8.2								
		5.2	-9.5								
530,102,298	22.5	11.2	-6.0	12.7	1.4	17.0					
		7.7	-10.3	13.9	2.7	21.1					
249,355,483	10.6	8.0	-4.5	12.0	-3.9	22.7					
		7.7	-10.3	13.9	2.7	21.1					
280,746,814	11.9	14.6	-7.5	13.1	2.6	14.1					
		13.6	-8.5	9.0	9.1	14.1					
143,994,466	6.1										
		5.0	1.5	0.0	0.7	2.3	1.9	0.9	0.3	0.0	
143,990,419	6.1	5.1	1.3	0.1	0.8	2.4	1.9	0.9	0.5	0.2	
		5.0	1.5	0.0	0.7	2.3	1.9	0.9	0.3	0.0	
4,048	0.0										
		5.0	1.5	0.0	0.7	2.3					
	Market Value (\$) 479,150,525  147,877,237  147,989,680  183,283,608  530,102,298  249,355,483  280,746,814  143,994,466  143,990,419  4,048	Market Value (\$)         % of Portfolio           479,150,525         20.3           147,877,237         6.3           147,989,680         6.3           183,283,608         7.8           530,102,298         22.5           249,355,483         10.6           280,746,814         11.9           143,994,466         6.1           4,048         0.0	Market Value (\$)         % of Portfolio         2023           479,150,525         20.3         5.7           5.2         147,877,237         6.3         5.7           147,989,680         6.3         5.6           5.2         183,283,608         7.8         5.8           5.2         530,102,298         22.5         11.2           249,355,483         10.6         8.0           7.7         280,746,814         11.9         14.6           143,994,466         6.1         5.0           143,990,419         6.1         5.1           5.0         4,048         0.0         5.0	Market Value (\$)         % of Portfolio         2023         2022           479,150,525         20.3         5.7         -8.5           147,877,237         6.3         5.7         -9.2           5.2         -9.5           147,989,680         6.3         5.6         -8.3           5.2         -9.5           183,283,608         7.8         5.8         -8.2           5.2         -9.5           530,102,298         22.5         11.2         -6.0           7.7         -10.3           249,355,483         10.6         8.0         -4.5           7.7         -10.3           280,746,814         11.9         14.6         -7.5           13.6         -8.5           143,994,466         6.1         5.0         1.5           143,990,419         6.1         5.1         1.3           5.0         1.5           4,048         0.0         5.0         1.5	Market Value (\$)         % of Portfolio         2023         2022         2021           479,150,525         20.3         5.7         -8.5         -1.4           147,877,237         6.3         5.7         -9.2         -1.1           5.2         -9.5         -1.3           147,989,680         6.3         5.6         -8.3         -1.4           5.2         -9.5         -1.3           183,283,608         7.8         5.8         -8.2           5.2         -9.5         -1.3           183,283,608         7.8         5.8         -8.2           5.2         -9.5         -1.3           183,283,608         7.8         5.8         -8.2           5.2         -9.5         -1.3           249,355,483         10.6         8.0         -4.5         12.0           7.7         -10.3         13.9           280,746,814         11.9         14.6         -7.5         13.1           13.6         -8.5         9.0           143,994,466         6.1         5.0         1.5         0.0           143,990,419         6.1         5.1         1.3         0.1           5.0	Market Value (\$)         % of Portfolio         2023         2022         2021         2020           479,150,525         20.3         5.7         -8.5         -1.4         6.3           147,877,237         6.3         5.7         -9.2         -1.1         6.6           5.2         -9.5         -1.3         5.6           147,989,680         6.3         5.6         -8.3         -1.4         5.9           5.2         -9.5         -1.3         5.6           183,283,608         7.8         5.8         -8.2           5.2         -9.5         -1.3         5.6           183,283,608         7.8         5.8         -8.2           5.2         -9.5         -1.3         5.6           183,283,608         7.8         5.8         -8.2           5.2         -9.5         -1.3         5.6           183,283,608         7.8         5.8         -8.2           5.2         -9.5         -1.3         5.6           249,355,483         10.6         8.0         -4.5         12.0         -3.9           280,746,814         11.9         14.6         -7.5         13.1         2.6	Market Value (\$)         % of Portfolio         2023         2022         2021         2020         2019           479,150,525         20.3         5.7         -8.5         -1.4         6.3         5.9           147,877,237         6.3         5.7         -9.2         -1.1         6.6         5.9           147,989,680         6.3         5.6         -8.3         -1.4         5.9         5.8           183,283,608         7.8         5.8         -8.2         -9.5         -1.3         5.6         6.7           183,283,608         7.8         5.8         -8.2         -9.5         -1.3         5.6         6.7           183,283,608         7.8         5.8         -8.2         -9.5         -1.3         5.6         6.7           183,283,608         7.8         5.8         -8.2         -9.5         -1.3         5.6         6.7           183,283,608         7.8         5.8         -8.2         -9.5         -1.3         5.6         6.7           183,283,608         7.8         5.8         -8.2         -9.5         -1.3         5.6         6.7           249,355,483         10.6         8.0         -4.5         12.0	Market Value (\$)         % of Portfolio         2023         2022         2021         2020         2019         2018           479,150,525         20.3         5.7         -8.5         -1.4         6.3         5.9         1.3           147,877,237         6.3         5.7         -9.2         -1.1         6.6         5.9         1.3           147,989,680         6.3         5.6         -8.3         -1.4         5.9         5.8         1.4           183,283,608         7.8         5.8         -8.2         -9.5         -1.3         5.6         6.7         0.9           183,283,608         7.8         5.8         -8.2         -9.5         -1.3         5.6         6.7         0.9           183,283,608         7.8         5.8         -8.2         -9.5         -1.3         5.6         6.7         0.9           183,283,608         7.8         5.8         -8.2         -9.5         -1.3         5.6         6.7         0.9           183,283,608         7.8         5.8         -8.2         -9.5         -1.3         5.6         6.7         0.9           249,355,483         10.6         8.0         -4.5         12.0         -3.	Market Value (\$)         % of Portfolio         2023         2022         2021         2020         2019         2018         2017           479,150,525         20.3         5.7         -8.5         -1.4         6.3         5.9         1.3         2.0           147,877,237         6.3         5.7         -9.2         -1.1         6.6         5.9         1.3         2.2           5.2         -9.5         -1.3         5.6         6.7         0.9         2.3           147,989,680         6.3         5.6         -8.3         -1.4         5.9         5.8         1.4         1.7           5.2         -9.5         -1.3         5.6         6.7         0.9         2.3           183,283,608         7.8         5.8         -8.2         -9.5         -1.3         5.6         6.7         0.9         2.3           530,102,298         22.5         11.2         -6.0         12.7         1.4         17.0	Market Value (\$)         % of Portfolio         2023         2022         2021         2020         2019         2018         2017         2016           479,150,525         20.3         5.7         -8.5         -1.4         6.3         5.9         1.3         2.0         1.6           147,877,237         6.3         5.7         -9.2         -1.1         6.6         5.9         1.3         2.2         1.6           147,989,680         6.3         5.6         -8.3         -1.4         5.9         5.8         1.4         1.7         1.6           5.2         -9.5         -1.3         5.6         6.7         0.9         2.3         2.0           147,989,680         6.3         5.6         -8.3         -1.4         5.9         5.8         1.4         1.7         1.6           5.2         -9.5         -7.3         5.6         6.7         0.9         2.3         2.0           183,283,608         7.8         5.8         -8.2        1.3         5.6         6.7         0.9         2.3         2.0           530,102,298         22.5         11.2         -6.0         12.7         1.4         17.0         -1.3         1.3 </td <td>Market Value (\$)         % of Portfolio Portfolio         2023         2022         2021         2020         2019         2018         2017         2016         2015           479,150,525         20.3         5.7         -8.5         -1.4         6.3         5.9         1.3         2.0         1.6         1.5           147,877,237         6.3         5.7         -9.2         -1.1         6.6         5.9         1.3         2.2         1.6         1.4           479,989,680         6.3         5.6         -8.3         -1.4         5.9         5.8         1.4         1.7         1.6         1.2           147,989,680         6.3         5.6         -8.3         -1.4         5.9         5.8         1.4         1.7         1.6         1.2           147,989,680         7.8         5.8         -8.2         -8.2         -9.5         -1.3         5.6         6.7         0.9         2.3         2.0         1.2           183,283,608         7.8         5.8         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2<!--</td--></td>	Market Value (\$)         % of Portfolio Portfolio         2023         2022         2021         2020         2019         2018         2017         2016         2015           479,150,525         20.3         5.7         -8.5         -1.4         6.3         5.9         1.3         2.0         1.6         1.5           147,877,237         6.3         5.7         -9.2         -1.1         6.6         5.9         1.3         2.2         1.6         1.4           479,989,680         6.3         5.6         -8.3         -1.4         5.9         5.8         1.4         1.7         1.6         1.2           147,989,680         6.3         5.6         -8.3         -1.4         5.9         5.8         1.4         1.7         1.6         1.2           147,989,680         7.8         5.8         -8.2         -8.2         -9.5         -1.3         5.6         6.7         0.9         2.3         2.0         1.2           183,283,608         7.8         5.8         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2         -8.2 </td

<sup>\*</sup> All data prior to 5/2023 was received from Marquette Associates.



<sup>\*</sup> Policy Index consist of 35% Bloomberg Intermediate U.S. Gov/Credit, 20% Bloomberg U.S. Intermediate Aggregate, 10% Bloomberg 1-5 Year Gov/Credit, 20% MSCI AC World Minimum Volatility Index (Net), and 15% 90 Day U.S. T-Bills.

### **CASH FLOW SUMMARY BY MANAGER**

	1 Month	n Ending January 3	31, 2024			
	Beginning Market Value	Contributions	Withdrawals	Net Cash Flows	Gain/ Loss	Ending Market Value
Lord Abbett Short Duration	\$124,022,666	-	-	-	\$477,663	\$124,500,329
Loop Capital Asset Management	\$122,243,566	-	-	-	\$565,767	\$122,809,332
Galliard Intermediate Government	\$230,556,410	-	-	-	\$1,038,526	\$231,594,936
Merganser Intermediate Bond	\$224,251,835	-	-	-	\$695,126	\$224,946,961
Fort Washington Intermediate Bond	\$192,733,078	-	-	-	\$522,679	\$193,255,757
Lord Abbett Intermediate Bond	\$221,637,901	-	-	-	\$695,578	\$222,333,479
PFM - Self Insurance Fund	\$46,156,228	-	-	-	\$186,180	\$46,342,408
PFM - Disability Fund	\$20,441,300	-	-	-	\$82,073	\$20,523,372
PFM - Workmen's Compensation Fund	\$11,162,669	-	-	-	\$47,196	\$11,209,865
PFM - Health & Dental Fund	\$5,476,952	-	-	-	\$23,128	\$5,500,080
Galliard Opportunistic	\$147,324,963	-	-	-	\$552,274	\$147,877,237
Merganser Opportunistic	\$147,600,891	-	-	-	\$388,789	\$147,989,680
Fort Washington Active Fixed Income	\$182,897,826	-	-	-	\$385,782	\$183,283,608
Vanguard Global Minimum Volatility Equity	\$242,467,210	-	-	-	\$6,888,273	\$249,355,483
Parametric Global Defensive Equity	\$278,776,384	-	-	-	\$1,970,430	\$280,746,814
PNC Treasury Management	\$143,355,590	-	-	-	\$634,829	\$143,990,419
U.S. Bank Cash	\$4,030	-	-	-	\$18	\$4,048
Total	\$2,341,109,499	-	-	-	\$15,154,311	\$2,356,263,810





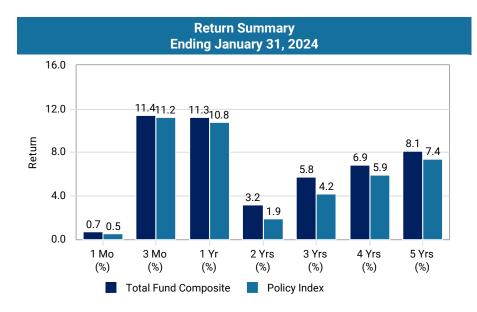
# SOUTH **BROWARD** HOSPITAL DISTRICT -RETIREMENT **PLAN**

January 31, 2024

MHS Retirement Plan

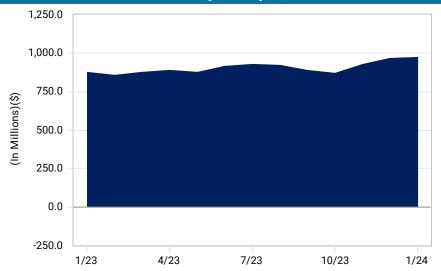
January 31, 2024

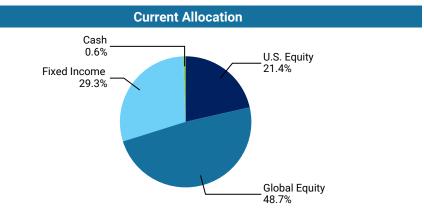
# **EXECUTIVE SUMMARY**



	Current (\$)	Current (%)	Policy (%)	Differences (%)
U.S. Equity	208,905,360	21.4	20.0	1.4
Global Equity	475,080,294	48.7	45.0	3.7
Fixed Income	285,194,487	29.3	35.0	-5.7
Cash	5,685,108	0.6	0.0	0.6
Total	974,865,250	100.0	100.0	0.0







Summary of Cash Flows										
	1 Month	1 Year	3 Years							
Beginning Market Value	967,743,598	877,406,994	826,501,617							
Net Cash Flow	135,840	-2,066,128	-7,794,238							
Net Investment Change	6,985,811	99,524,384	156,157,871							
Ending Market Value	974,865,250	974,865,250	974,865,250							



MHS Retirement Plan

January 31, 2024

## **ASSET ALLOCATION VS. POLICY**



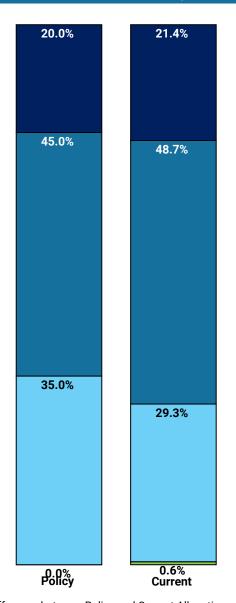
	Current (\$)	Current (%)	Policy (%)	Differences* (%)	Policy Range (%)	Within Range
C.S. McKee Aggregate Fixed Income	186,955,270	19.2	25.0	-5.8	20.0 - 30.0	No
Chartwell High Yield	46,544,156	4.8	5.0	-0.2	2.5 - 7.5	Yes
Artistotle Floating Rate Income	51,681,302	5.3	5.0	0.3	2.5 - 7.5	Yes
Vanguard Total Stock Market Fund	103,054,062	10.6	10.0	0.6	5.0 - 15.0	Yes
Parametric Defensive Equity	105,851,299	10.9	10.0	0.9	5.0 - 15.0	Yes
Dodge & Cox	188,673,254	19.4	17.5	1.9	12.5 - 22.5	Yes
Walter Scott & Partners	236,033,666	24.2	22.5	1.7	17.5 - 27.5	Yes
Vanguard Global Minimum Volatility	50,373,374	5.2	5.0	0.2	2.5 - 7.5	Yes
Total Fund Composite	974,865,250	100.0	100.0	0.0		

<sup>\*</sup>Difference between Policy and Current Allocation



# **ASSET ALLOCATION VS. POLICY**

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



	Current Balance (\$)	Policy (%)	Current Allocation (%)	Differences (%)	Policy Range (%)	Within Range
U.S. Equity	208,905,360	20.0	21.4	1.4	15.0 - 25.0	Yes
Vanguard Total Stock Market Fund	103,054,062		10.6			
Parametric Defensive Equity	105,851,299		10.9			
Global Equity	475,080,294	45.0	48.7	3.7	40.0 - 50.0	Yes
Dodge & Cox	188,673,254		19.4			
Walter Scott & Partners	236,033,666		24.2			
Vanguard Global Minimum Volatility	50,373,374		5.2			
Fixed Income	285,194,487	35.0	29.3	-5.7	30.0 - 40.0	No
C.S. McKee Aggregate Fixed Income	186,955,270		19.2			
Chartwell High Yield	46,544,156		4.8			
Artistotle Floating Rate Income	51,681,302		5.3			
Wellington LCP Legacy Portfolio	13,758		0.0			
Cash	5,685,108	0.0	0.6	0.6	0.0 - 0.0	No
Money Market	1,618,678		0.2			
Vanguard Treasury Money Market	4,066,430		0.4			
Total	974,865,250	100.0	100.0	0.0		

<sup>\*</sup>Difference between Policy and Current Allocation



MHS Retirement Plan

January 31, 2024

	Allocat	ion				Perform	ance (%)			
	Market Value (\$)	% of Portfolio	1 Mo (%)	3 Mo (%)	FYTD (%)	1 Yr (%)	2 Yrs (%)	3 Yrs (%)	4 Yrs (%)	5 Yrs (%)
Total Fund Composite	974,865,250	100.0	0.7	11.4	9.6	11.3	3.2	5.8	6.9	8.1
Policy Index			0.5	11.2	9.0	10.8	1.9	4.2	5.9	7.4
Fixed Income Composite	285,194,487	29.3	0.0	6.7	3.9	4.8	-0.5	-0.8	0.5	2.0
Custom Index			0.0	7.0	3.3	4.1	-1.0	-1.1	0.4	2.0
C.S. McKee Aggregate Fixed Income	186,955,270	19.2	-0.2	8.3	2.2	2.6	-3.1	-3.0	-1.2	0.9
Blmbg. U.S. Aggregate Index			-0.3	8.2	1.6	2.1	-3.3	-3.2	-1.3	0.8
Chartwell High Yield	46,544,156	4.8	0.3	4.1	5.9	6.9	3.5	2.4	2.9	3.3
ICE BofA U.S. High Yield Cash Pay BB 1-3 Year			0.3	4.5	6.0	7.2	3.7	3.0	3.6	4.2
Artistotle Floating Rate Income	51,681,302	5.3	0.6	3.4	8.7	11.1	6.2	5.5	4.7	4.9
Credit Suisse Leveraged Loan Index			0.8	3.6	9.5	11.1	6.0	5.5	5.0	5.2
Wellington LCP Legacy Portfolio	13,758	0.0								
U.S. Equity Composite	208,905,360	21.4	1.2	11.7	13.7	16.4	5.4	8.8	9.9	11.2
CRSP U.S. Total Market TR Index			1.1	16.4	17.6	19.2	4.5	9.0	11.8	13.4
Vanguard Total Stock Market Fund	103,054,062	10.6	1.1	16.5	17.6	19.2	4.5	9.0	11.8	13.4
CRSP U.S. Total Market TR Index			1.1	16.4	17.6	19.2	4.5	9.0	11.8	13.4
Parametric Defensive Equity	105,851,299	10.9	1.3	7.5	10.4	14.1	6.6	8.7	7.7	8.5
50% S&P 500/50% 90 Day T-Bill			1.1	8.5	10.8	13.0	4.8	7.0	7.6	8.4
Global Equity Composite	475,080,294	48.7	0.9	14.3	11.4	13.3	4.7	8.7	9.7	10.8
MSCI AC World Index (Net)			0.6	15.1	12.9	14.7	2.7	6.1	8.7	10.2
Dodge & Cox	188,673,254	19.4	-1.7	11.9	10.2	8.6	4.1	10.7	10.5	10.2
MSCI AC World Index Value (Net)			-0.1	12.9	8.4	6.4	2.2	7.6	6.2	6.7
Walter Scott & Partners	236,033,666	24.2	2.7	17.3	13.3	18.4	5.1	7.6	9.8	11.7
MSCI World Growth (Net)			2.1	18.6	19.6	27.5	4.5	6.6	12.1	14.7
Vanguard Global Minimum Volatility	50,373,374	5.2	2.8	9.7	7.4	9.1	4.8	6.0	3.1	5.8
MSCI AC World Minimum Volatility Index (Net)			1.3	9.7	4.5	7.3	1.5	4.3	3.1	5.7
Cash Composite	5,685,108	0.6	0.6	1.7	4.1	4.5	2.7	1.8	1.4	1.5
90 Day U.S. Treasury Bill			0.4	1.3	4.0	5.1	3.4	2.3	1.9	1.9

<sup>\*</sup> All data is preliminary. Memorial Health Systems' Fiscal Year ends in April.

<sup>\*</sup> Custom Index consist of 71.4% Bloomberg U.S. Aggregate,14.3% BofA Merrill Lynch 1-3 Yrs High Yield BB, and 14.3% Credit Suisse Leveraged Loan Index.



<sup>\*</sup> All data prior to 5/2023 was received from Marquette Associates.

<sup>\*</sup> Policy Index consist of 40% MSCI ACWI, 5% MSCI ACWI Minimum Volatility, 25% Bloomberg U.S. Aggregate, 10% CRSP US Total Market Index, 10% CBOE Put Write Index, 5% BofAML 1-3 Year High Yield BB, and 5% Credit Suisse Leveraged Loan Index.

MHS Retirement Plan

January 31, 2024

	Allocat	Performance (%)					
	Market Value (\$)	% of Portfolio	2023	2022	2021	2020	2019
Total Fund Composite	974,865,250	100.0	16.3	-11.9	13.4	11.0	19.5
Policy Index			15.7	-13.9	12.6	11.7	19.6
Fixed Income Composite	285,194,487	29.3	7.5	-9.5	-0.2	6.3	8.6
Custom Index			7.1	-10.0	0.1	6.7	8.7
C.S. McKee Aggregate Fixed Income	186,955,270	19.2	5.9	-12.9	-1.8	7.6	8.9
Blmbg. U.S. Aggregate Index			5.5	-13.0	-1.5	7.5	8.7
Chartwell High Yield	46,544,156	4.8	8.1	-3.0	2.3	4.2	7.0
ICE BofA U.S. High Yield Cash Pay BB 1-3 Year			8.9	-3.1	3.2	5.4	8.7
Artistotle Floating Rate Income	51,681,302	5.3	13.4	-0.8	4.6	1.6	8.3
Credit Suisse Leveraged Loan Index			13.0	-1.1	5.4	2.8	8.2
Wellington LCP Legacy Portfolio	13,758	0.0					
U.S. Equity Composite	208,905,360	21.4	21.0	-13.8	21.8	13.6	23.5
CRSP U.S. Total Market TR Index			26.0	-19.5	25.7	21.0	30.8
Vanguard Total Stock Market Fund	103,054,062	10.6	26.0	-19.5	25.7	21.0	30.7
CRSP U.S. Total Market TR Index			26.0	-19.5	25.7	21.0	30.8
Parametric Defensive Equity	105,851,299	10.9	16.9	-7.7	17.2	5.0	16.0
50% S&P 500/50% 90 Day T-Bill			15.5	-8.2	13.7	10.1	16.3
Global Equity Composite	475,080,294	48.7	20.2	-12.8	19.0	12.4	27.1
MSCI AC World Index (Net)			22.2	-18.4	18.5	16.3	26.6
Dodge & Cox	188,673,254	19.4	20.3	-5.8	20.8	6.0	23.8
MSCI AC World Index Value (Net)			11.8	-7.5	19.6	-0.3	20.6
Walter Scott & Partners	236,033,666	24.2	23.1	-19.6	18.7	18.9	30.5
MSCI World Growth (Net)			37.0	-29.2	21.2	33.8	33.7
Vanguard Global Minimum Volatility	50,373,374	5.2	8.0	-4.5	12.0	-3.9	22.7
MSCI AC World Minimum Volatility Index (Net)			7.7	-10.3	13.9	2.7	21.1
Cash Composite	5,685,108	0.6	4.2	0.7	0.0	0.4	2.0
90 Day U.S. Treasury Bill			5.0	1.5	0.0	0.7	2.3

<sup>\*</sup> All data is preliminary and subject to change.

<sup>\*</sup> Custom Index consist of 71.4% Bloomberg U.S. Aggregate,14.3% BofA Merrill Lynch 1-3 Yrs High Yield BB, and 14.3% Credit Suisse Leveraged Loan Index.



<sup>\*</sup> All data prior to 5/2023 was received from Marquette Associates.

<sup>\*</sup> Policy Index consist of 40% MSCI ACWI, 5% MSCI ACWI Minimum Volatility, 25% Bloomberg U.S. Aggregate, 10% CRSP US Total Market Index, 10% CBOE Put Write Index, 5% BofAML 1-3 Year High Yield BB, and 5% Credit Suisse Leveraged Loan Index.

## **CASH FLOW SUMMARY BY MANAGER**

1 Month Ending January 31, 2024							
	Beginning Market Value	Contributions	Withdrawals	Net Cash Flows	Gain/ Loss	Ending Market Value	
C.S. McKee Aggregate Fixed Income	\$187,289,096	-	-	-	-\$333,826	\$186,955,270	
Chartwell High Yield	\$46,404,941	-	-	-	\$139,215	\$46,544,156	
Artistotle Floating Rate Income	\$51,358,874	-	-	-	\$322,428	\$51,681,302	
Wellington LCP Legacy Portfolio	\$13,676	-	-\$52	-\$52	\$134	\$13,758	
Vanguard Total Stock Market Fund	\$101,921,010	\$4,243	-	\$4,243	\$1,128,808	\$103,054,062	
Parametric Defensive Equity	\$104,537,884	-	-	-	\$1,313,415	\$105,851,299	
Dodge & Cox	\$191,888,545	-	-	-	-\$3,215,291	\$188,673,254	
Walter Scott & Partners	\$229,806,997	-	-	-	\$6,226,669	\$236,033,666	
Vanguard Global Minimum Volatility	\$48,981,844	-	-	-	\$1,391,530	\$50,373,374	
Money Market	\$1,619,077	-	-\$10,055	-\$10,055	\$9,656	\$1,618,678	
Vanguard Treasury Money Market	\$3,921,653	\$3,805,933	-\$3,664,230	\$141,704	\$3,073	\$4,066,430	
Total	\$967,743,598	\$3,810,177	-\$3,674,337	\$135,840	\$6,985,811	\$974,865,250	





# **MEMORIAL HEALTHCARE SYSTEM DEFINED** CONTRIBUTION **PLANS**

January 31, 2024

# **ASSET ALLOCATION VS. POLICY**

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	Current (\$)	Current (%)
JPMorgan Target Date Funds	896,993,505	61.0
Transamerica Stable Value	523,394	0.0
Transamerica Guaranteed Investment Option	146,073,841	9.9
MetWest Total Return Bond (MWTIX)	29,703,221	2.0
Vanguard Inflation Protected Securites Fund (VIPIX)	16,271,409	1.1
American Beacon Large Cap Value Fund (AALRX)	19,764,937	1.3
Fidelity Spartan 500 Index (FXAIX)	107,000,347	7.3
Neuberger Berman Socially Responsive Investing (NRSRX)	14,189,753	1.0
Vanguard Growth Index Fund Institutional Shares Composite	73,562,402	5.0
Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	36,508,160	2.5
Dimensional US Targeted Value Strategy (DFFVX)	22,707,846	1.5
T. Rowe Price New Horizons (PRJIX)	38,352,763	2.6
Dodge & Cox International (DODFX)	23,936,868	1.6
Vanguard International-Growth (VWILX)	25,345,400	1.7
Charles Schwab Personal Choice	18,846,187	1.3
Total Fund Composite	1,469,780,034	100.0



	Total Fund	
	\$	%
Total Fund Composite	1,242,495,660	100.0
JP Morgan Target Date Funds	750,693,201	60.4
JPMorgan SmartRetirement Blend Income (JIYBX)	39,651,088	3.2
JPMorgan SmartRetirement Blend 2020 (JSYRX)	66,699,829	5.4
JPMorgan SmartRetirement Blend 2025 (JBYSX)	123,272,112	9.9
JPMorgan SmartRetirement Blend 2030 (JRBYX)	130,496,695	10.5
JPMorgan SmartRetirement Blend 2035 (JPYRX)	110,652,410	8.9
JPMorgan SmartRetirement Blend 2040 (JOBYX)	85,231,952	6.9
JPMorgan SmartRetirement Blend 2045 (JMYAX)	74,529,526	6.0
JPMorgan SmartRetirement Blend 2050 (JNYAX)	67,305,949	5.4
JPMorgan SmartRetirement Blend 2055 (JTYBX)	34,540,255	2.8
JPMorgan SmartRetirement Blend 2060 (JAAYX)	18,313,384	1.5
Core Funds	475,715,487	38.3
Transamerica Stable Value	350,858	0.0
Transamerica Guaranteed Investment Option	133,620,431	10.8
MetWest Total Return Bond (MWTIX)	25,003,600	2.0
Vanguard Inflation Protected Securites Fund (VIPIX)	13,698,123	1.1
American Beacon Large Cap Value Fund (AALRX)	17,220,794	1.4
Fidelity Spartan 500 Index (FXAIX)	89,169,549	7.2
Neuberger Berman Socially Responsive Investing (NRSRX)	12,206,813	1.0
Vanguard Russell 1000 Growth Index (VIGIX)	59,520,786	4.8
Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	30,905,613	2.5
Dimensional US Targeted Value Strategy (DFFVX)	19,551,562	1.6
T. Rowe Price New Horizons (PRJIX)	32,154,632	2.6
Dodge & Cox International (DODFX)	21,111,325	1.7
Vanguard International-Growth (VWILX)	21,201,399	1.7
Brokerage	16,086,972	1.3
Charles Schwab Personal Choice	16,086,972	1.3



	Total Fu	nd
	\$	%
Total Fund Composite	82,225,097	100.0
JPMorgan Target Date Funds	69,386,478	84.4
JPMorgan SmartRetirement Blend Income (JIYBX)	977,897	1.2
JPMorgan SmartRetirement Blend 2020 (JSYRX)	2,122,203	2.6
JPMorgan SmartRetirement Blend 2025 (JBYSX)	5,117,122	6.2
JPMorgan SmartRetirement Blend 2030 (JRBYX)	6,769,078	8.2
JPMorgan SmartRetirement Blend 2035 (JPYRX)	9,139,381	11.1
JPMorgan SmartRetirement Blend 2040 (JOBYX)	9,429,834	11.5
JPMorgan SmartRetirement Blend 2045 (JMYAX)	11,378,200	13.8
JPMorgan SmartRetirement Blend 2050 (JNYAX)	12,278,022	14.9
JPMorgan SmartRetirement Blend 2055 (JTYBX)	8,673,049	10.5
JPMorgan SmartRetirement Blend 2060 (JAAYX)	3,501,692	4.3
Core Funds	12,838,620	15.6
Transamerica Stable Value	168,354	0.2
Transamerica Guaranteed Investment Option	1,235,860	1.5
MetWest Total Return Bond (MWTIX)	461,483	0.6
Vanguard Inflation Protected Securites Fund (VIPIX)	450,965	0.5
American Beacon Large Cap Value Fund (AALRX)	445,852	0.5
Fidelity Spartan 500 Index (FXAIX)	3,292,983	4.0
Neuberger Berman Socially Responsive Investing (NRSRX)	115,562	0.1
Vanguard Russell 1000 Growth Index (VIGIX)	2,140,005	2.6
Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	511,855	0.6
Dimensional US Targeted Value Strategy (DFFVX)	1,022,069	1.2
T. Rowe Price New Horizons (PRJIX)	947,460	1.2
Dodge & Cox International (DODFX)	1,084,378	1.3
Vanguard International-Growth (VWILX)	961,793	1.2
Brokerage		0.0
Charles Schwab Personal Choice		0.0



	Total Fun	nd .
	\$	%
Total Fund Composite	124,692,578	100.0
JPMorgan Target Date Funds	59,422,940	47.7
JPMorgan SmartRetirement Blend Income (JIYBX)	3,316,959	2.7
JPMorgan SmartRetirement Blend 2020 (JSYRX)	4,595,526	3.7
JPMorgan SmartRetirement Blend 2025 (JBYSX)	10,835,744	8.7
JPMorgan SmartRetirement Blend 2030 (JRBYX)	10,930,879	8.8
JPMorgan SmartRetirement Blend 2035 (JPYRX)	9,058,160	7.3
JPMorgan SmartRetirement Blend 2040 (JOBYX)	6,878,224	5.5
JPMorgan SmartRetirement Blend 2045 (JMYAX)	6,821,421	5.5
JPMorgan SmartRetirement Blend 2050 (JNYAX)	4,978,383	4.0
JPMorgan SmartRetirement Blend 2055 (JTYBX)	1,566,343	1.3
JPMorgan SmartRetirement Blend 2060 (JAAYX)	441,301	0.4
Core Funds	62,510,422	50.1
Transamerica Stable Value	2,262	0.0
Transamerica Guaranteed Investment Option	10,396,992	8.3
MetWest Total Return Bond (MWTIX)	4,207,972	3.4
Vanguard Inflation Protected Securites Fund (VIPIX)	1,842,541	1.5
American Beacon Large Cap Value Fund (AALRX)	2,030,782	1.6
Fidelity Spartan 500 Index (FXAIX)	14,123,670	11.3
Neuberger Berman Socially Responsive Investing (NRSRX)	1,858,160	1.5
Vanguard Russell 1000 Growth Index (VIGIX)	10,951,662	8.8
Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	5,007,402	4.0
Dimensional US Targeted Value Strategy (DFFVX)	2,134,215	1.7
T. Rowe Price New Horizons (PRJIX)	5,073,650	4.1
Dodge & Cox International (DODFX)	1,736,349	1.4
Vanguard International-Growth (VWILX)	3,144,765	2.5
Brokerage	2,759,215	2.2
Charles Schwab Personal Choice	2,759,215	2.2



	Total Fu	nd
	\$	%
Total Fund Composite	20,366,699	100.0
JPMorgan Target Date Funds	17,490,886	85.9
JPMorgan SmartRetirement Blend Income (JIYBX)	205,540	1.0
JPMorgan SmartRetirement Blend 2020 (JSYRX)	939,628	4.6
JPMorgan SmartRetirement Blend 2025 (JBYSX)	5,754,310	28.3
JPMorgan SmartRetirement Blend 2030 (JRBYX)	5,247,363	25.8
JPMorgan SmartRetirement Blend 2035 (JPYRX)	3,119,615	15.3
JPMorgan SmartRetirement Blend 2040 (JOBYX)	1,424,608	7.0
JPMorgan SmartRetirement Blend 2045 (JMYAX)	799,821	3.9
JPMorgan SmartRetirement Blend 2050 (JNYAX)		0.0
JPMorgan SmartRetirement Blend 2055 (JTYBX)		0.0
JPMorgan SmartRetirement Blend 2060 (JAAYX)		0.0
Core Funds	2,875,813	14.1
Transamerica Stable Value	1,920	0.0
Transamerica Guaranteed Investment Option	820,558	4.0
MetWest Total Return Bond (MWTIX)	30,165	0.1
Vanguard Inflation Protected Securites Fund (VIPIX)	279,780	1.4
American Beacon Large Cap Value Fund (AALRX)	67,509	0.3
Fidelity Spartan 500 Index (FXAIX)	414,145	2.0
Neuberger Berman Socially Responsive Investing (NRSRX)	9,218	0.0
Vanguard Russell 1000 Growth Index (VIGIX)	949,949	4.7
Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	83,289	0.4
Dimensional US Targeted Value Strategy (DFFVX)		0.0
T. Rowe Price New Horizons (PRJIX)	177,021	0.9
Dodge & Cox International (DODFX)	4,816	0.0
Vanguard International-Growth (VWILX)	37,442	0.2
Brokerage		0.0
Charles Schwab Personal Choice		0.0



# **PERFORMANCE DETAIL**

	Allocati	on	Performance (%)										
	Market Value (\$)	% of Portfolio	1 Mo (%)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)				
Total Fund Composite	1,469,780,034	100.0											
JPMorgan Target Date Funds	896,993,505	61.0											
JPMorgan SmartRetirement Blend Income (JIYBX)	44,151,485	3.0	0.1	10.1	7.0	0.9	4.4	4.4	4.3				
S&P Target Date Retirement Income Index			0.1	9.5	6.5	1.1	4.3	4.2	4.0				
JPMorgan SmartRetirement Blend 2020 (JSYRX)	74,357,186	5.1	0.1	10.2	7.1	1.0	4.7	4.9	5.0				
S&P Target Date 2020 Index			0.1	10.4	7.5	2.3	5.5	5.6	5.5				
JPMorgan SmartRetirement Blend 2025 (JBYSX)	144,979,288	9.9	0.0	11.0	7.7	1.6	5.6	5.8	5.8				
S&P Target Date 2025 Index			0.1	10.8	7.9	2.9	6.3	6.3	6.1				
JPMorgan SmartRetirement Blend 2030 (JRBYX)	153,444,014	10.4	0.0	12.1	8.8	2.6	6.5	6.6	6.5				
S&P Target Date 2030 Index			0.1	11.8	9.0	3.7	7.2	7.1	6.7				
JPMorgan SmartRetirement Blend 2035 (JPYRX)	131,969,567	9.0	0.0	12.9	9.9	3.6	7.5	7.4	7.2				
S&P Target Date 2035 Index			0.1	12.8	10.1	4.6	8.1	7.8	7.3				
JPMorgan SmartRetirement Blend 2040 (JOBYX)	102,964,619	7.0	-0.1	13.4	10.7	4.4	8.2	8.1	7.7				
S&P Target Date 2040 Index			0.1	13.6	11.1	5.3	8.7	8.4	7.8				
JPMorgan SmartRetirement Blend 2045 (JMYAX)	93,528,969	6.4	-0.1	13.9	11.3	5.0	8.8	8.5	8.0				
S&P Target Date 2045 Index			0.1	14.1	11.7	5.7	9.2	8.8	8.1				
JPMorgan SmartRetirement Blend 2050 (JNYAX)	84,562,353	5.8	-0.1	14.1	11.5	5.1	8.8	8.5	8.0				
S&P Target Date 2050 Index			0.1	14.3	12.0	5.9	9.4	9.0	8.3				
JPMorgan SmartRetirement Blend 2055 (JTYBX)	44,779,647	3.0	-0.1	14.1	11.4	5.1	8.9	8.5	8.0				
S&P Target Date 2055 Index			0.1	14.4	12.0	6.0	9.4	9.0	8.4				
JPMorgan SmartRetirement Blend 2060 (JAAYX)	22,256,377	1.5	-0.1	14.0	11.4	5.2							
S&P Target Date 2060 Index			0.1	14.4	12.1	6.0							



#### **PERFORMANCE DETAIL**

	Allocati	Performance (%)								
	Market Value (\$)	% of Portfolio	1 Mo (%)	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)	
Core Funds	553,940,342	37.7								
Transamerica Stable Value	523,394	0.0	0.2	0.6	2.5	1.7	1.6	1.5	1.3	
90 Day U.S. Treasury Bill			0.4	1.3	5.1	2.3	1.9	1.8	1.3	
Transamerica Guaranteed Investment Option	146,073,841	9.9	0.2	0.6	2.5	2.3	2.1	1.8	1.6	
90 Day U.S. Treasury Bill			0.4	1.3	5.1	2.3	1.9	1.8	1.3	
MetWest Total Return Bond (MWTIX)	29,703,221	2.0	-0.1	9.6	2.1	-3.6	1.0	1.3	1.7	
Blmbg. U.S. Aggregate Index			-0.3	8.2	2.1	-3.2	0.8	1.2	1.6	
Vanguard Inflation Protected Securites Fund (VIPIX)	16,271,409	1.1	0.3	5.7	2.0	-1.1	2.8	2.3	2.2	
Blmbg. U.S. TIPS			0.2	5.7	2.2	-1.0	2.9	2.4	2.2	
American Beacon Large Cap Value Fund (AALRX)	19,764,937	1.3	0.7	14.0	7.7	11.8	11.0	9.6	9.1	
Russell 1000 Value Index			0.1	13.6	6.1	9.2	9.3	8.2	8.8	
Fidelity Spartan 500 Index (FXAIX)	107,000,347	7.3	1.7	16.0	20.8	11.0	14.3	13.4	12.6	
S&P 500 Index			1.7	16.0	20.8	11.0	14.3	13.4	12.6	
Neuberger Berman Socially Responsive Investing (NRSRX)	14,189,753	1.0	2.5	17.1	23.6	9.9	13.1	11.6	11.2	
S&P 500 Index			1.7	16.0	20.8	11.0	14.3	13.4	12.6	
Vanguard Growth Index Fund Institutional Shares Composite	73,562,402	5.0	2.3	19.1	36.0	8.8	17.6	16.6	14.6	
CRSP U.S. Large Cap Growth TR Index			2.3	19.1	36.1	8.9	17.6	16.6	14.6	
Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	36,508,160	2.5	-1.5	16.1	5.8	5.2	10.1	9.5	9.5	
CRSP U.S. Mid Cap TR Index			-1.5	16.1	5.8	5.2	10.2	9.5	9.5	
Dimensional US Targeted Value Strategy (DFFVX)	22,707,846	1.5	-3.2	16.8	5.8	13.5	11.5	8.5	8.7	
Russell 2000 Value Index			-4.5	17.0	-0.1	4.5	6.7	5.5	6.7	
T. Rowe Price New Horizons (PRJIX)	38,352,763	2.6	-1.1	16.9	9.5	-5.4	10.3	13.2	11.6	
Russell 2000 Growth Index			-3.2	18.3	4.5	-6.0	6.2	7.3	7.0	
Dodge & Cox International (DODFX)	23,936,868	1.6	-2.9	9.3	4.4	5.7	6.3	5.3	4.1	
MSCI EAFE (Net)			0.6	15.8	10.0	4.6	6.9	6.6	4.8	
MSCI AC World ex USA (Net)			-1.0	13.3	5.9	1.1	5.3	5.7	4.2	
Vanguard International-Growth (VWILX)	25,345,400	1.7	-2.5	14.4	-0.6	-9.6	8.3	9.5	7.4	
MSCI AC World ex USA (Net)			-1.0	13.3	5.9	1.1	5.3	5.7	4.2	
Brokerage	18,846,187	1.3								
Charles Schwab Personal Choice	18,846,187	1.3								

<sup>-</sup> All data prior to 5/2023 was received from Marquette Associates

<sup>-</sup> Performance is net of fees and is annualized for periods longer than one year.



<sup>-</sup> Transamerica Stable Value Fund is not an open option for plan participants
- Assets include: Memorial Healthcare System RSP Gold 403(b) Plan, Memorial Healthcare System 457(b) Plan, Memorial Healthcare System SERP 457(f

	Allocati	Allocation			Performance (%)									
	Market	% of Portfolio	2023	2022	2021	2020	2019	2018	2017	2016	2015			
Total Fund Composite	Value (\$) 1,469,780,034	Portiolio												
JPMorgan SmartRetirement Blend Income (JIYBX)	44,151,485		11.8	-13.7	6.3	9.6	14.1	-3.8	10.7	5.8	-0.7			
S&P Target Date Retirement Income Index	23,723,732		10.3	-11.2	5.1	8.8	13.3	-2.5	8.5	5.0	-0.2			
JPMorgan SmartRetirement Blend 2020 (JSYRX)	74,357,186		12.0	-13.7	6.4	10.1	15.5	-4.5	13.4	6.8	-0.7			
S&P Target Date 2020 Index	, ,		12.3	-12.8	8.8	10.2	16.5	-4.2	12.8	7.2	-0.2			
JPMorgan SmartRetirement Blend 2025 (JBYSX)	144,979,288		13.4	-15.2	9.1	11.3	18.3	-5.7	15.6	7.2	-0.7			
S&P Target Date 2025 Index			13.0	-13.1	10.7	11.2	18.4	-5.0	14.6	7.8	-0.3			
JPMorgan SmartRetirement Blend 2030 (JRBYX)	153,444,014		15.3	-16.1	11.3	12.2	20.4	-6.6	17.4	7.9	-0.8			
S&P Target Date 2030 Index			14.8	-14.0	12.6	11.9	20.4	-6.0	16.2	8.3	-0.3			
JPMorgan SmartRetirement Blend 2035 (JPYRX)	131,969,567		17.1	-16.7	14.1	12.6	22.3	-7.4	18.9	8.3	-1.0			
S&P Target Date 2035 Index			16.6	-15.0	14.9	12.8	22.2	-6.9	17.8	8.9	-0.3			
JPMorgan SmartRetirement Blend 2040 (JOBYX)	102,964,619		18.4	-17.2	15.9	13.0	23.8	-8.0	20.3	8.8	-1.1			
S&P Target Date 2040 Index			18.2	-15.6	16.5	13.4	23.4	-7.4	18.9	9.2	-0.4			
JPMorgan SmartRetirement Blend 2045 (JMYAX)	93,528,969		19.5	-17.6	17.7	13.1	24.6	-8.3	20.5	8.8	-1.0			
S&P Target Date 2045 Index			19.1	-15.8	17.5	13.7	24.0	-7.7	19.6	9.5	-0.5			
JPMorgan SmartRetirement Blend 2050 (JNYAX)	84,562,353		19.8	-17.6	17.8	13.4	24.6	-8.3	20.5	8.8	-1.1			
S&P Target Date 2050 Index			19.6	-16.0	18.0	13.9	24.4	-7.9	20.2	9.7	-0.5			
JPMorgan SmartRetirement Blend 2055 (JTYBX)	44,779,647		19.7	-17.6	17.8	13.2	24.7	-8.4	20.4	8.8	-1.0			
S&P Target Date 2055 Index			19.6	-16.0	18.2	13.9	24.5	-8.0	20.5	9.9	-0.5			
JPMorgan SmartRetirement Blend 2060 (JAAYX)	22,256,377		19.7	-17.4	17.8									
S&P Target Date 2060 Index			19.7	-16.0	18.0									
Transamerica Stable Value	523,394		2.5	1.6	1.0	1.2	1.8	1.3	1.0	1.0	1.0			
90 Day U.S. Treasury Bill			5.0	1.5	0.0	0.7	2.3	1.9	0.9	0.3	0.0			
Transamerica Guaranteed Investment Option	146,073,841		2.5	2.2	2.3	1.6	1.8	1.3	1.0	1.0	1.0			
90 Day U.S. Treasury Bill			5.0	1.5	0.0	0.7	2.3	1.9	0.9	0.3	0.0			
MetWest Total Return Bond (MWTIX)	29,703,221		6.0	-14.8	-1.1	9.1	9.1	0.2	3.4	2.5	0.3			
Blmbg. U.S. Aggregate Index			5.5	-13.0	-1.5	7.5	8.7	0.0	3.5	2.6	0.5			
Vanguard Inflation Protected Securites Fund (VIPIX)	16,271,409		3.8	-11.9	5.7	11.0	8.2	-1.4	3.0	4.6	-1.7			
Blmbg. U.S. TIPS			3.9	-11.8	6.0	11.0	8.4	-1.3	3.0	4.7	-1.4			



	Allocati	Performance (%)									
	Market Value (\$)	% of Portfolio	2023	2022	2021	2020	2019	2018	2017	2016	2015
American Beacon Large Cap Value Fund (AALRX)	19,764,937		13.5	-5.2	28.0	3.4	29.7	-12.0	17.1	16.0	-6.1
Russell 1000 Value Index			11.5	<i>-7.5</i>	25.2	2.8	26.5	-8.3	13.7	17.3	-3.8
Fidelity Spartan 500 Index (FXAIX)	107,000,347		26.3	-18.1	28.7	18.4	31.5	-4.4	21.8	12.0	1.4
S&P 500 Index			26.3	-18.1	28.7	18.4	31.5	-4.4	21.8	12.0	1.4
Neuberger Berman Socially Responsive Investing (NRSRX)	14,189,753		27.1	-18.4	23.7	19.7	26.2	-5.6	18.8	10.4	-0.1
S&P 500 Index			26.3	-18.1	28.7	18.4	31.5	-4.4	21.8	12.0	1.4
Vanguard Growth Index Fund Institutional Shares Composite	73,562,402		46.8	-33.1	27.3	40.2	37.3	-3.3	27.8	6.1	3.3
CRSP U.S. Large Cap Growth TR Index			46.9	-33.1	27.3	40.3	37.3	-3.3	27.9	6.2	3.4
Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	36,508,160		16.0	-18.7	24.5	18.3	31.0	-9.2	19.3	11.2	-1.3
CRSP U.S. Mid Cap TR Index			16.0	-18.7	24.5	18.2	31.1	-9.2	19.3	11.2	-1.3
Dimensional US Targeted Value Strategy (DFFVX)	22,707,846		19.3	-4.6	38.8	3.8	21.5	-15.8	9.6	26.9	-5.7
Russell 2000 Value Index			14.6	-14.5	28.3	4.6	22.4	-12.9	7.8	31.7	-7.5
T. Rowe Price New Horizons (PRJIX)	38,352,763		21.5	-36.9	9.8	57.9	37.8	4.2	31.7	7.9	4.5
Russell 2000 Growth Index			18.7	-26.4	2.8	34.6	28.5	-9.3	22.2	11.3	-1.4
Dodge & Cox International (DODFX)	23,936,868		16.7	-6.8	11.0	2.1	22.8	-18.0	23.9	8.3	-11.4
MSCI EAFE (Net)			18.2	-14.5	11.3	7.8	22.0	-13.8	25.0	1.0	-0.8
MSCI AC World ex USA (Net)			15.6	-16.0	7.8	10.7	21.5	-14.2	27.2	4.5	-5.7
Vanguard International-Growth (VWILX)	25,345,400		14.8	-30.8	-0.7	59.7	31.5	-12.6	43.2	1.8	-0.5
MSCI AC World ex USA (Net)			15.6	-16.0	7.8	10.7	21.5	-14.2	27.2	4.5	-5.7
Charles Schwab Personal Choice	18,846,187										
- All data prior to 5/2023 was received from Marquette Associates											



 <sup>-</sup> All data prior to 5/2023 was received from Marquette Associates
 - Transamerica Stable Value Fund is not an open option for plan participants
 - Assets include: Memorial Healthcare System RSP Gold 403(b) Plan, Memorial Healthcare System 401(a) Plan, Memorial Healthcare System 457(b) Plan, Memorial Healthcare System SERP 457(f

<sup>-</sup> Performance is net of fees and is annualized for periods longer than one year.



## QUARTERLY **PERFORMANCE REVIEW**

Q4 2023



### **DUE DILIGENCE MONITOR**

#### **FUND LINE UP**

The items below summarize any changes or announcements from your managers/funds. A "Yes" indicates there was an announcement and a summary is provided separately. If there was no announcement or due diligence event, the manager is not listed. NEPC's Due Diligence Committee meets every two weeks to review events as they relate to investment managers and determines if any action should be taken by NEPC and/or by our clients. They rate events: No Action, Watch, Hold, Client Review or Terminate. Your Consultant's Recommendation is refreshed quarterly in view of the recent quarter's developments (performance, manager events, and any of the longer-term trending data)

Manager	Announcement Date	Manager Changes/ Announcements (Recent Quarter)	NEPC Due Diligence Committee Recommendations	NEPC Consultant Recommendations/ Comments for your Portfolio
Galliard Opportunistic Strategy Intermediate Government/Credit	10/2023	Yes	Watch	Status upgrade from Hold to Watch
TCW Core Plus Fixed Income	10/2023	Yes	Watch	Leadership changes in Fixed Income Group
Dodge and Cox International Equity Global Equity	11/2023	Yes	No Action	
Neuberger Berman Sustainable Equity	12/2023	Yes	No Action	



# **DUE DILIGENCE MONITOR** FUND LINE UP

The items below summarize any changes or announcements from your managers/funds. A "Yes" indicates there was an announcement and a summary is provided separately. If there was no announcement or due diligence event, the manager is not listed. NEPC's Due Diligence Committee meets every two weeks to review events as they relate to investment managers and determines if any action should be taken by NEPC and/or by our clients. They rate events: No Action, Watch, Hold, Client Review or Terminate. Your Consultant's Recommendation is refreshed quarterly in view of the recent quarter's developments (performance, manager events, and any of the longer-term trending data)

Manager	NEPC Consultant Recommendations/ Comments for your Portfolio					
Galliard Opportunistic Strategy Intermediate Government/Credit	NEPC Research believes that Galliard has largely stabilized on an organizational basis.  Galliard was placed on HOLD in April 2019 and has remained since due to a series of events including the retirement of the founding partners, changes to the operating agreement with its parent company, the sale of the parent's record keeping business which accounted for a significant portion of the largest fund's assets, the sale of its parent company and related changes to the senior leadership within in the firm. NEPC Research believes that Galliard has largely stabilized after this period of both exogenous and endogenous events.  Put queues in the two main funds are still moderately elevated but they have returned towards long run averages and have					
	been well managed. Leadership has been stable under Mike Norman, President and Ajay Mirza, Senior Managing Principal. Fund and separate account management has been solid, and Galliard continues to be a leading firm within the stable value universe.					
	A Watch status is recommended due to leadership changes within TCW's Fixed Income Group.					
TCW	TCW has made leadership promotions and changes within their Fixed Income Group, which also manages MetWest fixed income strategies. The changes include Jerry Cudzil and Ruben Hovhannisyan were promoted to Generalist PMs. Steve Purdy, Head of Credit Research, was named Co-Portfolio Manager of the unconstrained bond strategy. Four long-term PMs were promoted to the newly created role of Senior Portfolio Manager: Tammy Karp (Credit Trading), Drew Sweeney (Bank Loans), Ken Toshima (Credit Research), and Palak Pathak (Securitized Credit).					
Core Plus Fixed Income	Expected changes include Steve Kane, Co-CIO, will step off of his role as Co-CIO at the end of 2023; he will continue as a Generalist PM until at least the end of 2024. but the firm stated that Steve will remain with TCW until at least the end of 2024 Laird Landmann, one of the three Generalist Fixed Income PMs, will retire at the end of this year.					
	These changes are driven by TCW's need for a succession plan, following the 12/31/2021 departure of Tad Rivelle, Fixed Income CIO; and the 12/31/2022 retirement of David Lippman, CEO. While the changes seem reasonable, a Watch status is recommended until the number and materiality of changes subsides.					



# **DUE DILIGENCE MONITOR** FUND LINE UP

The items below summarize any changes or announcements from your managers/funds. A "Yes" indicates there was an announcement and a summary is provided separately. If there was no announcement or due diligence event, the manager is not listed. NEPC's Due Diligence Committee meets every two weeks to review events as they relate to investment managers and determines if any action should be taken by NEPC and/or by our clients. They rate events: No Action, Watch, Hold, Client Review or Terminate. Your Consultant's Recommendation is refreshed quarterly in view of the recent quarter's developments (performance, manager events, and any of the longer-term trending data)

Manager	NEPC Consultant Recommendations/ Comments for your Portfolio
Dodge and Cox International Equity Global Equity	Pro Publica published an article on November 21, 2023, regarding the personal trading of David Hoeft, Chief Investment Officer and significant shareholder in Dodge & Cox. Pro Publica used information from an IRS data breach along with public filings related to Dodge & Cox's mutual funds to show that Mr. Hoeft had personally traded in the same stocks as the mutual funds within broadly similar time periods.  NEPC Research, including members from operational due diligence, equity research and fixed income research, met with Katherine Primas, Dodge & Cox's Chief Compliance Officer. The meeting reviewed the firm's code of ethics and personal trading policies. Ms. Primas reviewed the firm's policies and procedures with respect to the inferences of impropriety within the article. She indicated, consistent with Dodge & Cox's statement contained in the article, that Mr. Hoeft's personal trades had been in compliance with the code of ethics and the firm's personal trading policy. Ms. Primas also conveyed that they had outside counsel and an outside third-party analytics firm review the trades as well and both confirmed that the trades were in compliance.  NEPC Research believes there were appropriate policies and procedures in place and that they were followed. We will monitor for any material developments.
Neuberger Berman Sustainable Equity	Neuberger Berman's (NB) current Deputy Chief Investment Officer of Fixed Income, Ashok Bhatia, will assume the role of Co-Chief Investment Officer, sharing responsibilities with current Chief Investment Officer and Global Head of Fixed Income, Brad Tank, effective January 1, 2024. Ashok has been Deputy CIO of Fixed Income since 2018, working closely with Brad throughout his tenure.  Effective December 31, 2024, Brad will transition to a Senior Advisor role. At that time, Ashok will assume standalone CIO responsibilities and leadership of Global Fixed Income. The fixed income platform has approximately 200 investment professionals globally.  Ashok joined the firm in 2017. He is a lead portfolio manager on multi-sector fixed income strategies and a member of Neuberger Berman's Partnership and Asset Allocation Committees and Fixed Income's Investment Strategy Committee. Previously, Ashok held senior investment and leadership positions in several asset management firms and hedge funds with investment responsibilities across global fixed income and currency markets. Ashok's leadership has guided NB's multi-sector fixed income business over the last five years.



## **INVESTMENT MANAGER DUE DILIGENCE**

	NEPC Due Diligence Committee Recommendation Key
No Action	Informational items have surfaced; no action is recommended.
Watch	Issues have surfaced to be concerned over; manager can participate in future searches, but current and prospective clients must be made aware of the issues.
Hold	Serious issues have surfaced to be concerned over; manager cannot be in future searches unless a client specifically requests, but current and prospective clients must be made aware of the issues.
Client Review	Very serious issues have surfaced with a manager; manager cannot be in future searches unless a client specifically requests. Current clients must be advised to review the manager.
Terminate	We have lost all confidence in the product; manager would not be recommended for searches and clients would be discouraged from using. The manager cannot be in future searches unless a client specifically requests. Current clients must be advised to replace the manager.

	NEPC Due Diligence Rating Key
1	A high conviction investment product. Product has a clear and economically-grounded investment thesis, and is managed by an investment team that is sufficiently resourced and incented to execute on the thesis.
2	NEPC has a positive view of the strategy. Strategy has a compelling and sound investment thesis. The manager is sufficiently resourced and incented to execute on the thesis. Strengths outweigh the weaknesses, but the strategy does not meet all requirements for a 1 rating.
3	A satisfactory investment product. The strategy lacks a compelling investment thesis, however there are no significant concerns around the manager's viability.
4	The strategy may have an unclear or ambiguous investment thesis or the manager may lack the ability to execute on the stated thesis. The strategy likely has strengths and weaknesses and the weaknesses may outweigh the strengths.
5	A strategy that lacks an investment thesis or NEPC has no confidence in the manager's ability to execute on the thesis, and/or the investment firm may not be viable. Serious issues have been identified with an investment manager or product. This rating aligns with a Terminate Due Diligence status for client-owned products.
NR	Due diligence has not been sufficiently completed on the product or manager.



## **SECURITY MONITOR**

#### DOWNGRADED TO BELOW INVESTMENT GRADE

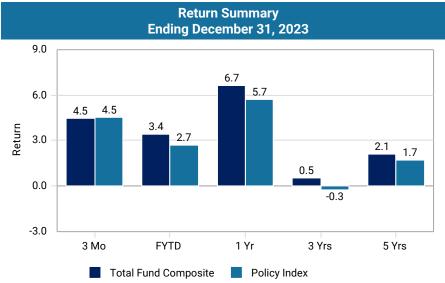
Portfolio	Security	Downgrade Date	% of Portfolio	Latest Downgrade (S&P)	Latest Downgrade (Moody's)	Latest Downgrade (Fitch)
Merganser	Advance Auto Parts	09//12/2023	0.71%	BB BB+		
PFMAM	KeyCorp	10/10/2023	0.46%	BBB	Baa1	BBB+
PFMAM	V.F. Corporation	11/15/2023	0.10%	BBB	Ваа3	
PFMAM	Stanley Black and Decker	11/21/2023	0.37%	A-	ВааЗ	BBB+





SOUTH **BROWARD** HOSPITAL DISTRICT -**OPERATING FUNDS** Q4 2023

#### **EXECUTIVE SUMMARY**





**Current Allocation** 

104,066,745

155,547,258

2,341,109,499 2,341,109,499 2,341,109,499 2,341,109,499

Cash Composite

Net Investment Change

**Ending Market Value** 



12/23



0.0

-600.0

12/19

12/20

12/21

12/22

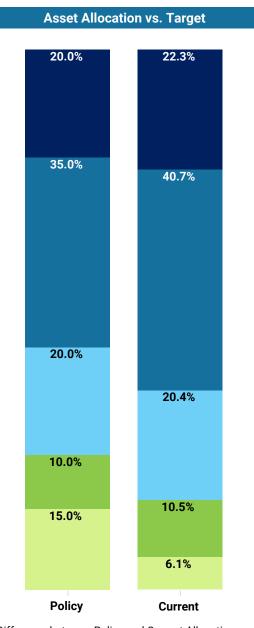
5 Years

35.330.722

54,835,718

240,195,475

## **ASSET ALLOCATION VS. POLICY**

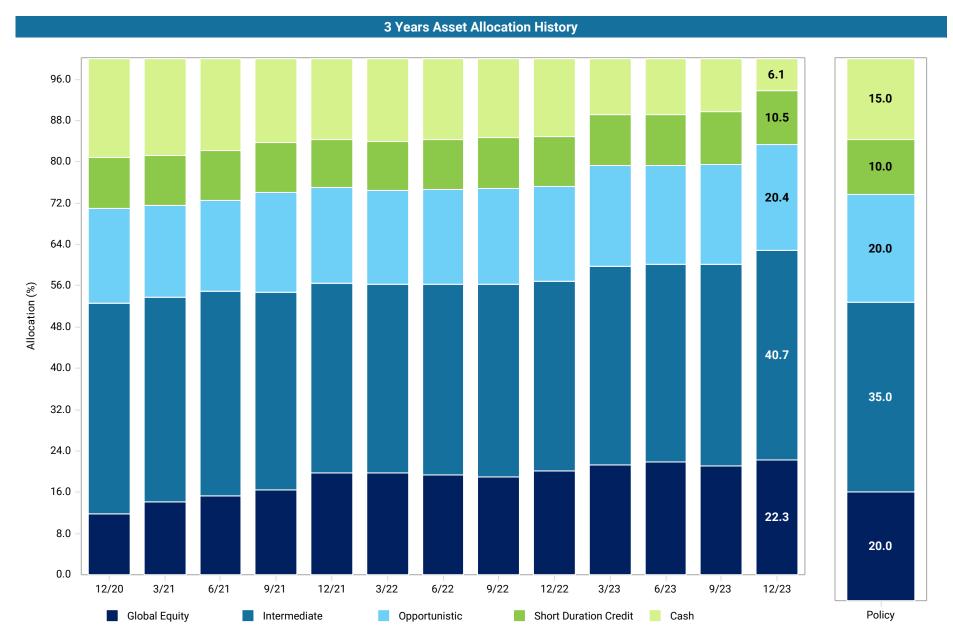


	Current (\$)	Current (%)	Policy (%)	Differences* (%)	Policy Range (%)	Within Range
Global Equity	521,243,594	22.3	20.0	2.3	15.0 - 25.0	Yes
Vanguard Global Minimum Volatility Equity	242,467,210	10.4				
Parametric Global Defensive Equity	278,776,384	11.9				
Intermediate	952,416,373	40.7	35.0	5.7	30.0 - 40.0	No
Galliard Intermediate Government	230,556,410	9.8				
Merganser Intermediate Bond	224,251,835	9.6				
Fort Washington Intermediate Bond	192,733,078	8.2				
Lord Abbett Intermediate Bond	221,637,901	9.5				
PFM - Self Insurance Fund	46,156,228	2.0				
PFM - Disability Fund	20,441,300	0.9				
PFM - Workmen's Compensation Fund	11,162,669	0.5				
PFM - Health & Dental Fund	5,476,952	0.2				
Opportunistic	477,823,680	20.4	20.0	0.4	15.0 - 25.0	Yes
Galliard Opportunistic	147,324,963	6.3				
Merganser Opportunistic	147,600,891	6.3				
Fort Washington Active Fixed Income	182,897,826	7.8				
Short Duration Credit	246,266,232	10.5	10.0	0.5	5.0 - 15.0	Yes
Lord Abbett Short Duration	124,022,666	5.3				
Loop Capital Asset Management	122,243,566	5.2				
Cash	143,359,620	6.1	15.0	-8.9	15.0 - 20.0	No
PNC Treasury Management	143,355,590	6.1				
U.S. Bank Cash	4,030	0.0				
Total	2,341,109,499	100.0	100.0	0.0		

<sup>\*</sup>Difference between Policy and Current Allocation

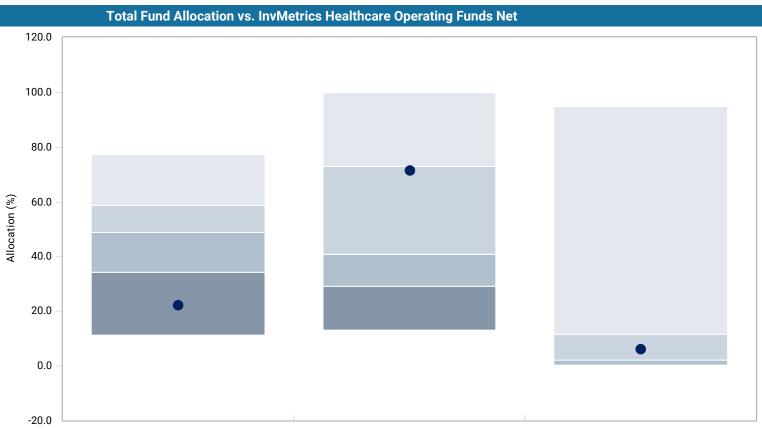


## **ASSET ALLOCATION HISTORY**





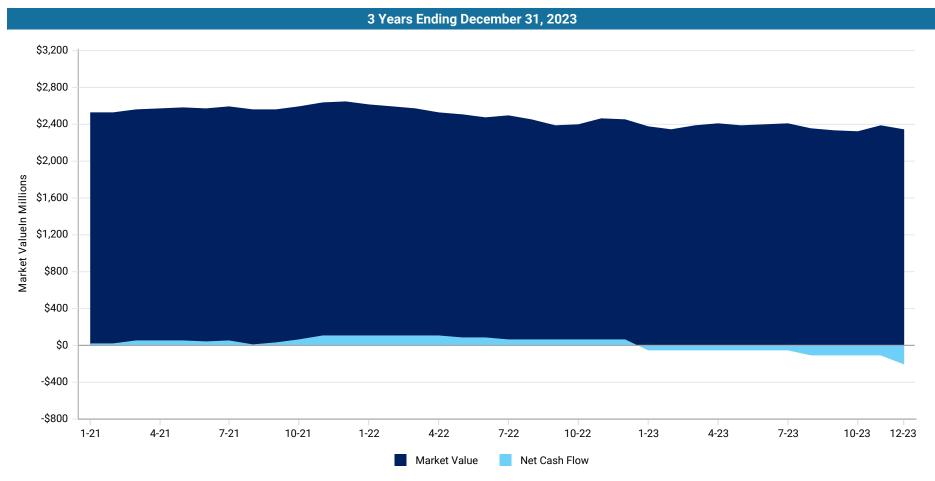
## **ALLOCATIONS VS. PEER UNIVERSE**



	Total Equity	Total Fixed Income	Cash & Equivalents
<ul><li>Total Fund Composite</li></ul>	22.3 (88)	71.6 (27)	6.1 (30)
5th Percentile	77.5	100.0	94.9
1st Quartile	58.6	72.8	11.5
Median	48.9	41.0	2.2
3rd Quartile	34.4	29.1	0.6
95th Percentile	11.3	13.3	0.0
Population	73	91	68



## **ASSET GROWTH SUMMARY**



	Last Three Months	1 Year	3 Years
Beginning Market Value	2,336,235,951	2,449,882,733	2,510,464,006
Net Cash Flow	-99,193,197	-264,320,492	-204,685,229
Net Investment Change	104,066,745	155,547,258	35,330,722
Ending Market Value	2,341,109,499	2,341,109,499	2,341,109,499
Net Change	4,873,549	-108,773,233	-169,354,506



#### **RETURN SUMMARY VS. PEER UNIVERSE**

## **Total Fund Composite vs. InvMetrics Healthcare Operating Funds Net** 24.0 20.0 16.0 12.0 Return 8.0 4.0 0.0 -4.0 -8.0

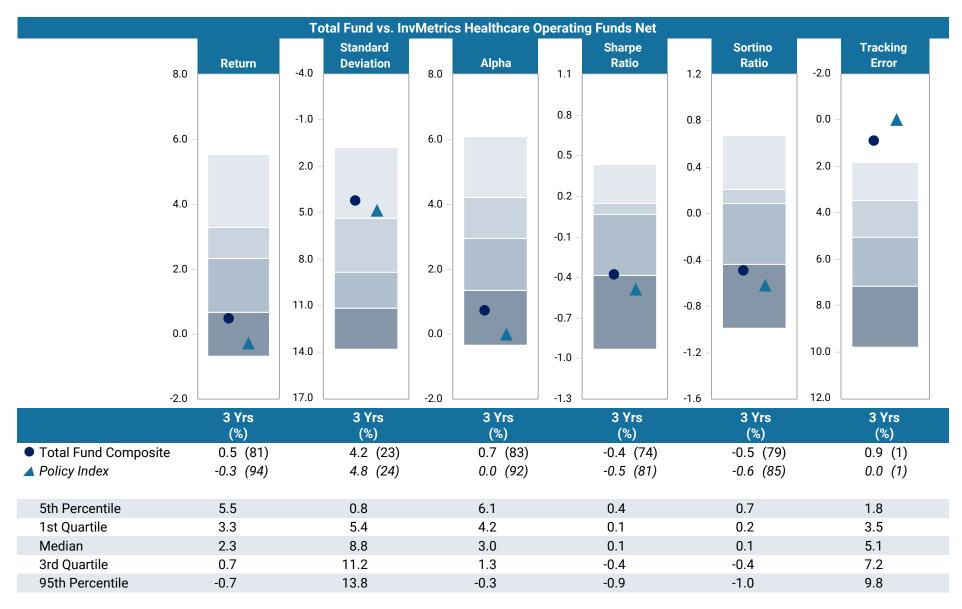
	3 Мо	1 Year	2 Years	3 Years	5 Years	7 Years	10 Years
<ul><li>Total Fund Composite</li></ul>	4.5 (68)	6.7 (70)	0.2 (36)	0.5 (81)	2.1 (79)	1.9 (79)	1.7 (76)
▲ Policy Index	4.5 (68)	5.7 (76)	-0.9 (61)	-0.3 (94)	1.7 (87)	1.5 (87)	1.4 (88)
5th Percentile	10.4	17.6	2.8	5.5	9.5	8.3	6.6
1st Quartile	8.6	13.9	0.9	3.3	7.5	6.6	5.3
Median	7.0	10.7	-0.4	2.3	6.7	5.8	4.8
3rd Quartile	4.1	5.8	-1.5	0.7	2.4	2.1	1.8
95th Percentile	1.4	3.8	-2.5	-0.7	1.4	1.4	1.2
Population	98	85	62	57	49	44	34



MHS Operating Plan

December 31, 2023

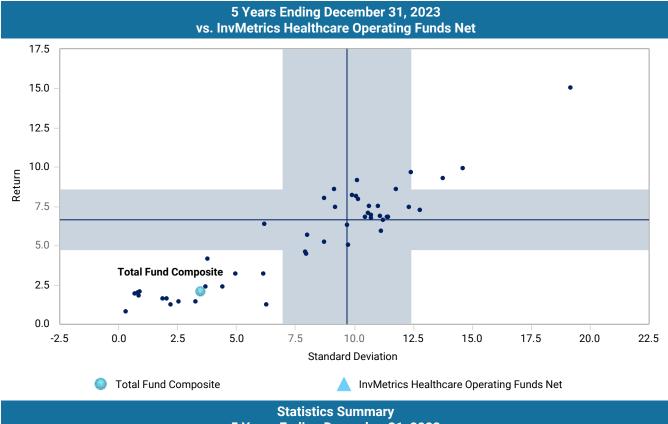
#### **RISK STATISTICS VS. PEER UNIVERSE - 3 YEAR**





Population

## **RISK VS. RETURN - 5 YEAR**



Statistics Summary 5 Years Ending December 31, 2023							
	5 Years Return	5 Years Standard Deviation	5 Years Sharpe Ratio	5 Years Sortino Ratio			
Total Fund Composite	2.1	3.5	0.1	0.1			
Policy Index	1.7	3.9	0.0	0.0			



## **COMPOSITE PERFORMANCE DETAIL**

	Allocation			Pe	erformance	e (%)			
	Market Value (\$)	% of Portfolio	3 Mo (%)	FYTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)
Total Fund Composite	2,341,109,499	100.0	4.5	3.4	6.7	0.5	2.1	1.9	1.7
Policy Index			4.5	2.7	5.7	-0.3	1.7	1.5	1.4
InvMetrics Healthcare Operating Funds Net Rank			68	78	70	81	79	79	76
Short Term Composite	246,266,232	10.5	3.3	2.8	5.1	-0.5	1.0	1.1	1.0
Blmbg. 1-5 Year Gov/Credit			3.4	2.5	4.9	-0.6	1.5	1.5	1.4
eV US Short Duration Fixed Inc Rank			26	73	53	83	94	93	95
Intermediate Term Composite	952,416,373	40.7	4.4	2.5	5.5	-1.2	1.1	1.2	1.3
Blmbg. Intermed. U.S. Government/Credit			4.6	2.2	5.2	-1.6	1.6	1.6	1.7
eV US Interm Duration Fixed Inc Rank			87	45	50	15	90	90	95
Opportunistic Composite	477,823,680	20.4	5.1	2.5	5.7	-1.6	1.4	1.5	1.7
Blmbg. U.S. Intermediate Aggregate			5.5	2.1	5.2	-2.1	1.1	1.3	1.6
eV US Interm Duration Fixed Inc Rank			44	49	42	49	76	68	73
Global Equity Composite	521,243,594	22.3	6.1	5.9	11.2	5.6	6.9		
MSCI AC World Minimum Volatility Index (Net)			6.5	3.2	7.7	3.3	6.5		
eV Global All Cap Equity Rank			96	78	86	46	92		



## **PERFORMANCE DETAIL**

	Allocation					Pei	rformand	e (%)		
	Market	% of	3 Мо	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception
	Value (\$)	Portfolio	(%)	(%)	(%)	(%)	(%)	(%)	(%)	Date
Total Fund Composite	2,341,109,499	100.0	4.5	6.7	0.5	2.1	1.9	1.7	2.6	Apr-06
Policy Index			4.5	5.7	-0.3	1.7	1.5	1.4	2.2	
InvMetrics Healthcare Operating Funds Net Rank			68	70	81	79	79	76	96	
Fixed Income Composite	1,676,506,285	71.6	4.4	5.5	-1.2	1.2	1.3	1.3	1.8	Dec-08
Short Term Composite	246,266,232	10.5	3.3	5.1	-0.5	1.0	1.1	1.0	1.9	Apr-06
Blmbg. 1-5 Year Gov/Credit			3.4	4.9	-0.6	1.5	1.5	1.4	2.5	
eV US Short Duration Fixed Inc Rank			26	53	83	94	93	95	91	
Lord Abbett Short Duration	124,022,666	5.3	3.4	5.1					-0.4	Jul-21
Blmbg. 1-5 Year Gov/Credit			3.4	4.9					-0.6	
Loop Capital Asset Management	122,243,566	5.2	3.3	5.1	-0.5	1.0	1.0	0.9	1.8	Apr-06
Blmbg. 1-5 Year Gov/Credit			3.4	4.9	-0.6	1.5	1.5	1.4	2.5	
Intermediate Term Composite	952,416,373	40.7	4.4	5.5	-1.2	1.1	1.2	1.3	2.6	Apr-06
Blmbg. Intermed. U.S. Government/Credit			4.6	5.2	-1.6	1.6	1.6	1.7	3.0	
eV US Interm Duration Fixed Inc Rank			87	50	15	90	90	95	97	
Galliard Intermediate Government	230,556,410	9.8	4.7	5.8	-1.1	1.2	1.3	1.3	2.5	Apr-06
Blmbg. Intermed. U.S. Government/Credit			4.6	5.2	-1.6	1.6	1.6	1.7	3.0	
Merganser Intermediate Bond	224,251,835	9.6	4.3	5.5	-1.2	1.1	1.2	1.2	2.2	Apr-06
Blmbg. Intermed. U.S. Government/Credit			4.6	5.2	-1.6	1.6	1.6	1.7	3.0	
Fort Washington Intermediate Bond	192,733,078	8.2	4.5	5.6					-1.6	Jul-21
Blmbg. Intermed. U.S. Government/Credit			4.6	5.2					-1.6	
Lord Abbett Intermediate Bond	221,637,901	9.5	4.5	5.5					-1.5	Jul-21
Blmbg. Intermed. U.S. Government/Credit			4.6	5.2					-1.6	
PFM - Self Insurance Fund	46,156,228	2.0	3.4	5.0	-0.4	1.6	1.5	1.4		Sep-01
ICE BofA 1-5 Yr Treasury & Agency			3.1	4.3	-0.8	1.2	1.2	1.2	2.4	
PFM - Disability Fund	20,441,300	0.9	3.3	5.0	-0.4	1.6	1.5	1.4		Sep-01
ICE BofA 1-5 Yr Treasury & Agency			3.1	4.3	-0.8	1.2	1.2	1.2	2.4	
PFM - Workmen's Compensation Fund	11,162,669	0.5	2.5	5.1	0.5	1.5	1.4	1.2		Sep-01
ICE BofA U.S. Agencies, 1-3yr			2.5	4.7	0.1	1.3	1.3	1.1	2.3	
PFM - Health & Dental Fund	5,476,952	0.2	2.5	5.0	0.4	1.5	1.4	1.2		Sep-01
ICE BofA U.S. Agencies, 1-3yr			2.5	4.7	0.1	1.3	1.3	1.1	2.3	



## **PERFORMANCE DETAIL**

	Allocation	on				Pe	rformand	ce (%)		
	Market Value (\$)	% of Portfolio	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Opportunistic Composite	477,823,680	20.4	5.1	5.7	-1.6	1.4	1.5	1.7	3.1	Apr-06
Blmbg. U.S. Intermediate Aggregate			5.5	5.2	-2.1	1.1	1.3	1.6	3.0	
eV US Interm Duration Fixed Inc Rank			44	42	49	76	68	73	63	
Galliard Opportunistic	147,324,963	6.3	5.4	5.7	-1.7	1.4	1.5	1.7	3.1	Apr-06
Blmbg. U.S. Intermediate Aggregate			5.5	5.2	-2.1	1.1	1.3	1.6	3.0	
Merganser Opportunistic	147,600,891	6.3	4.8	5.6	-1.5	1.4	1.4	1.5	2.7	Feb-07
Blmbg. U.S. Intermediate Aggregate			5.5	5.2	-2.1	1.1	1.3	1.6	2.9	
Fort Washington Active Fixed Income	182,897,826	7.8	5.0	5.8					-1.6	Jul-21
Blmbg. U.S. Intermediate Aggregate			5.5	5.2					-2.1	
Global Equity Composite	521,243,594	22.3	6.1	11.2	5.6	6.9			6.2	Feb-18
MSCI AC World Minimum Volatility Index (Net)			6.5	7.7	3.3	6.5			4.6	
eV Global All Cap Equity Rank			96	86	46	92			59	
Vanguard Global Minimum Volatility Equity	242,467,210	10.4	6.7	8.0	4.9	6.4			5.6	Feb-18
MSCI AC World Minimum Volatility Index (Net)			6.5	7.7	3.3	6.5			4.6	
eV Global Low Volatility Equity Rank			69	63	53	84			25	
Parametric Global Defensive Equity	278,776,384	11.9	5.5	14.6	6.3	7.0			5.2	Sep-18
50% MSCI ACWI / 50% 90 Day T-Bill			6.2	13.6	4.3	7.1			5.5	
Cash Composite	143,359,620	6.1	1.4	5.1	2.1	1.9	1.8			Jan-15
90 Day U.S. Treasury Bill			1.4	5.0	2.2	1.9	1.7		1.4	
PNC Treasury Management	143,355,590	6.1	1.4	5.1	2.1	1.9	1.8		1.3	Apr-14
90 Day U.S. Treasury Bill			1.4	5.0	2.2	1.9	1.7		1.3	
U.S. Bank Cash	4,030	0.0	1.3	4.2						Mar-18
90 Day U.S. Treasury Bill			1.4	5.0	2.2	1.9			1.9	

<sup>\*</sup> All data prior to 5/2023 was received from Marquette Associates.



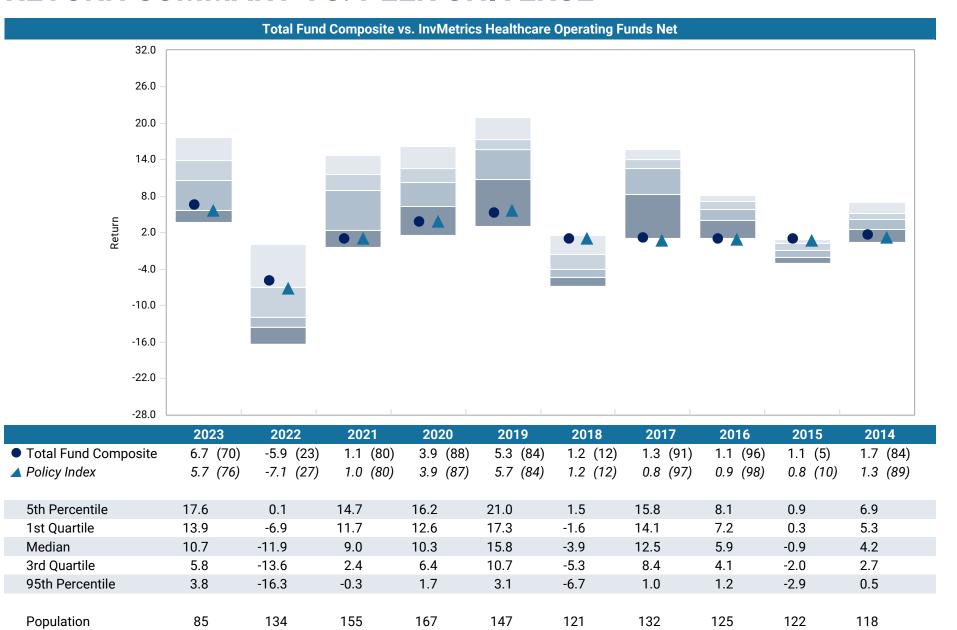
<sup>\*</sup> Policy Index consist of 35% Bloomberg Intermediate U.S. Gov/Credit, 20% Bloomberg U.S. Intermediate Aggregate, 10% Bloomberg 1-5 Year Gov/Credit, 20% MSCI AC World Minimum Volatility Index (Net), and 15% 90 Day U.S. T-Bills.

## **CASH FLOW SUMMARY BY MANAGER**

1 Quarter Ending December 31, 2023							
	Beginning Market Value	Contributions	Withdrawals	Net Cash Flows	Gain/ Loss	Ending Market Value	
Lord Abbett Short Duration	\$119,917,999	-	-	-	\$4,104,668	\$124,022,666	
Loop Capital Asset Management	\$118,377,417	-	-	-	\$3,866,148	\$122,243,566	
Galliard Intermediate Government	\$220,165,968	-	-	-	\$10,390,442	\$230,556,410	
Merganser Intermediate Bond	\$215,049,899	-	-	-	\$9,201,936	\$224,251,835	
Fort Washington Intermediate Bond	\$184,478,486	-	-	-	\$8,254,592	\$192,733,078	
Lord Abbett Intermediate Bond	\$212,069,651	-	-	-	\$9,568,251	\$221,637,901	
PFM - Self Insurance Fund	\$44,657,213	-	-	-	\$1,499,014	\$46,156,228	
PFM - Disability Fund	\$19,782,102	-	-	-	\$659,198	\$20,441,300	
PFM - Workmen's Compensation Fund	\$10,893,117	-	-	-	\$269,552	\$11,162,669	
PFM - Health & Dental Fund	\$5,344,785	-	-	-	\$132,167	\$5,476,952	
Galliard Opportunistic	\$139,773,907	-	-	-	\$7,551,056	\$147,324,963	
Merganser Opportunistic	\$140,897,222	-	-\$123,073	-\$123,073	\$6,826,742	\$147,600,891	
Fort Washington Active Fixed Income	\$174,262,260	-	-	-	\$8,635,566	\$182,897,826	
Vanguard Global Minimum Volatility Equity	\$227,161,506	-	-	-	\$15,305,704	\$242,467,210	
Parametric Global Defensive Equity	\$264,320,211	-	-	-	\$14,456,173	\$278,776,384	
PNC Treasury Management	\$239,080,213	-	-\$99,070,107	-\$99,070,107	\$3,345,483	\$143,355,590	
U.S. Bank Cash	\$3,994	-	-\$17	-\$17	\$53	\$4,030	
Total	\$2,336,235,951	-	-\$99,193,197	-\$99,193,197	\$104,066,745	\$2,341,109,499	



#### **RETURN SUMMARY VS. PEER UNIVERSE**





## **RISK STATISTICS - 3 YEAR**

3 Years Ending December 31, 2023								
	Return	Standard Deviation	Alpha	Sharpe Ratio	Sortino Ratio	Tracking Error	Up Capture	Down Capture
Fixed Income Composite	-1.2	4.3	-1.0	-0.8	-1.0	1.8	66.8	81.9
Short Term Composite	-0.5	3.0	0.1	-0.9	-1.0	0.4	91.8	89.4
Blmbg. 1-5 Year Gov/Credit	-0.6	3.2	0.0	-0.9	-1.0	0.0	100.0	100.0
Lord Abbett Short Duration								
Blmbg. 1-5 Year Gov/Credit	-0.6	3.2	0.0	-0.9	-1.0	0.0	100.0	100.0
Loop Capital Asset Management	-0.5	3.1	0.0	-0.9	-1.0	0.5	93.6	92.9
Blmbg. 1-5 Year Gov/Credit	-0.6	3.2	0.0	-0.9	-1.0	0.0	100.0	100.0
Intermediate Term Composite	-1.2	4.3	0.3	-0.8	-1.0	0.7	89.2	85.1
Blmbg. Intermed. U.S. Government/Credit	-1.6	4.6	0.0	-0.8	-1.0	0.0	100.0	100.0
Galliard Intermediate Government	-1.1	4.6	0.5	-0.7	-0.9	0.7	98.4	91.3
Blmbg. Intermed. U.S. Government/Credit	-1.6	4.6	0.0	-0.8	-1.0	0.0	100.0	100.0
Merganser Intermediate Bond	-1.2	4.2	0.3	-0.8	-1.0	0.8	87.0	83.5
Blmbg. Intermed. U.S. Government/Credit	-1.6	4.6	0.0	-0.8	-1.0	0.0	100.0	100.0
Fort Washington Intermediate Bond								
Blmbg. Intermed. U.S. Government/Credit	-1.6	4.6	0.0	-0.8	-1.0	0.0	100.0	100.0
Lord Abbett Intermediate Bond								
Blmbg. Intermed. U.S. Government/Credit	-1.6	4.6	0.0	-0.8	-1.0	0.0	100.0	100.0
PFM - Self Insurance Fund	-0.4	2.9	0.3	-0.9	-1.0	0.5	103.2	94.3
ICE BofA 1-5 Yr Treasury & Agency	-0.8	2.9	0.0	-1.0	-1.1	0.0	100.0	100.0
PFM - Disability Fund	-0.4	2.9	0.3	-0.9	-1.0	0.4	105.0	96.0
ICE BofA 1-5 Yr Treasury & Agency	-0.8	2.9	0.0	-1.0	-1.1	0.0	100.0	100.0
PFM - Workmen's Compensation Fund	0.5	2.0	0.4	-0.9	-1.0	0.3	104.3	90.1
ICE BofA U.S. Agencies, 1-3yr	0.1	2.0	0.0	-1.1	-1.2	0.0	100.0	100.0



## **RISK STATISTICS - 3 YEAR**

	Return	Standard Deviation	Alpha	Sharpe Ratio	Sortino Ratio	Tracking Error	Up Capture	Down Capture
PFM - Health & Dental Fund	0.4	2.0	0.3	-1.0	-1.1	0.3	102.6	90.9
ICE BofA U.S. Agencies, 1-3yr	0.1	2.0	0.0	-1.1	-1.2	0.0	100.0	100.0
Opportunistic Composite	-1.6	5.0	0.2	-0.7	-0.9	0.7	92.3	88.8
Blmbg. U.S. Intermediate Aggregate	-2.1	5.6	0.0	-0.7	-0.9	0.0	100.0	100.0
Galliard Opportunistic	-1.7	5.4	0.3	-0.7	-0.9	0.5	101.6	97.3
Blmbg. U.S. Intermediate Aggregate	-2.1	5.6	0.0	-0.7	-0.9	0.0	100.0	100.0
Merganser Opportunistic	-1.5	4.7	0.2	-0.8	-1.0	1.0	88.4	84.9
Blmbg. U.S. Intermediate Aggregate	-2.1	5.6	0.0	-0.7	-0.9	0.0	100.0	100.0
Fort Washington Active Fixed Income								
Blmbg. U.S. Intermediate Aggregate	-2.1	5.6	0.0	-0.7	-0.9	0.0	100.0	100.0
Global Equity Composite	5.6	9.1	3.1	0.4	0.6	4.0	81.2	64.0
MSCI AC World Minimum Volatility Index (Net)	3.3	11.7	0.0	0.1	0.2	0.0	100.0	100.0
Vanguard Global Minimum Volatility Equity	4.9	10.2	2.1	0.3	0.5	3.9	86.9	74.6
MSCI AC World Minimum Volatility Index (Net)	3.3	11.7	0.0	0.1	0.2	0.0	100.0	100.0
Parametric Global Defensive Equity	6.3	8.4	1.9	0.5	0.7	1.7	110.0	95.4
50% MSCI ACWI / 50% 90 Day T-Bill	4.3	8.3	0.0	0.3	0.4	0.0	100.0	100.0
Cash Composite	2.1	0.7	-0.1	-0.1	0.0	0.1	100.1	400.0
90 Day U.S. Treasury Bill	2.2	0.7	0.0		0.0	0.0	100.0	100.0
PNC Treasury Management	2.1	0.7	-0.1	-0.1	0.0	0.1	100.2	400.0
90 Day U.S. Treasury Bill	2.2	0.7	0.0		0.0	0.0	100.0	100.0
U.S. Bank Cash	60.5	81.5	221.7	0.8	171.8	81.6	3,162.6	0.0
90 Day U.S. Treasury Bill	2.2	0.7	0.0		0.0	0.0	100.0	100.0



## MHS Operating Plan FEE SCHEDULE

Account Name	Fee Schedule	Market Value (\$)	% of Portfolio	Estimated Annual Fee (\$)	Estimated Annual Fee (%)
Total Fund Composite		2,341,109,499	100.0	4,016,211	0.2
Lord Abbett Short Duration	0.13 % of First \$50 M 0.10 % of Next \$150 M 0.08 % Thereafter	124,022,666	5.3	139,023	0.1
Loop Capital Asset Management	0.20 % of First \$25 M 0.15 % of Next \$25 M 0.10 % Thereafter	122,243,566	5.2	159,744	0.1
Galliard Intermediate Government	0.20 % of First \$50 M 0.15 % of Next \$150 M 0.13 % of Next \$300 M 0.10 % Thereafter	230,556,410	9.8	364,723	0.2
Merganser Intermediate Bond	0.20 % of First \$50 M 0.15 % of Next \$100 M 0.10 % Thereafter	224,251,835	9.6	324,252	0.1
Fort Washington Intermediate Bond	0.15 % of First \$100 M 0.10 % Thereafter	192,733,078	8.2	242,733	0.1
Lord Abbett Intermediate Bond	0.13 % of First \$50 M 0.10 % of Next \$150 M 0.08 % Thereafter	221,637,901	9.5	232,310	0.1
PFM - Self Insurance Fund	0.08 % of First \$100 M 0.07 % Thereafter	46,156,228	2.0	36,925	0.1
PFM - Disability Fund	0.08 % of First \$100 M 0.07 % Thereafter	20,441,300	0.9	16,353	0.1
PFM - Workmen's Compensation Fund	0.08 % of First \$100 M 0.07 % Thereafter	11,162,669	0.5	8,930	0.1
PFM - Health & Dental Fund	0.08 % of First \$100 M 0.07 % Thereafter	5,476,952	0.2	4,382	0.1
Galliard Opportunistic	0.20 % of First \$50 M 0.15 % of Next \$150 M 0.13 % of Next \$300 M 0.10 % Thereafter	147,324,963	6.3	245,987	0.2
Merganser Opportunistic	0.20 % of First \$50 M 0.15 % of Next \$100 M 0.10 % Thereafter	147,600,891	6.3	246,401	0.2

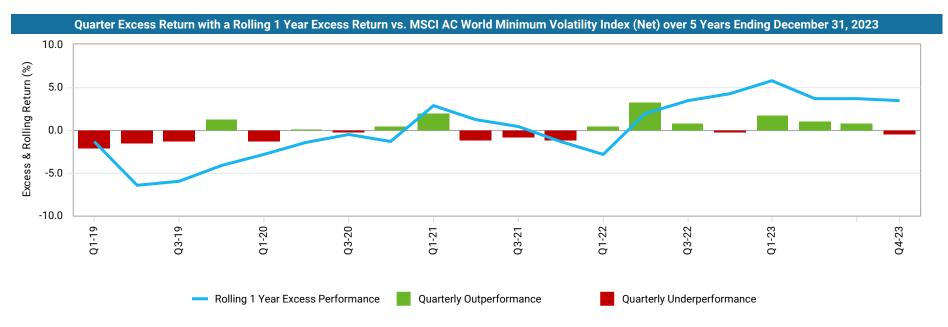


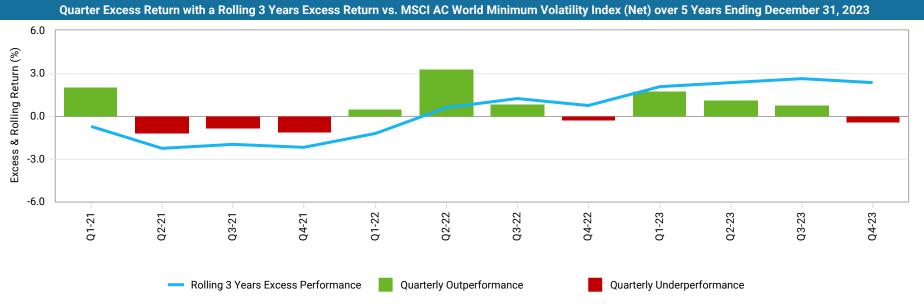
## MHS Operating Plan FEE SCHEDULE

Account Name	Fee Schedule	Market Value (\$)	% of Portfolio	Estimated Annual Fee (\$)	Estimated Annual Fee (%)
Fort Washington Active Fixed Income	0.15 % of First \$100 M 0.10 % Thereafter	182,897,826	7.8	232,898	0.1
Vanguard Global Minimum Volatility Equity	0.15 % of Assets	242,467,210	10.4	363,701	0.2
Parametric Global Defensive Equity	0.45 % of Assets	278,776,384	11.9	1,254,494	0.5
PNC Treasury Management	0.10 % of Assets	143,355,590	6.1	143,356	0.1
U.S. Bank Cash		4,030	0.0		



## **GLOBAL EQUITY COMPOSITE**







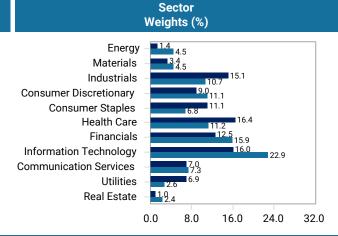
## **VANGUARD GLOBAL MINIMUM VOLATILITY EQUITY**

#### Vanguard Global Minimum Volatility Equity vs. MSCI AC World Index **Characteristics** Portfolio Benchmark Price/Earnings ratio 18.6 18.9 3.5 Price/Book ratio 3.2 Current Yield (%) 2.4 2.1 Wtd. Avg. Mkt. Cap \$B 88 463 Median Mkt. Cap \$B 11 13 Number of Stocks 270 2,921

11.3

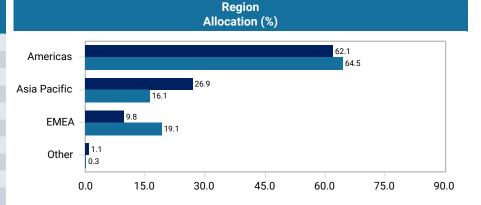
5 Yr. EPS Growth Rate (%)





Top Holdings						
	Weight (%)					
Republic Services Inc.	1.8					
International Business	1.8					
Waste Management Inc.	1.8					
McDonald's Corp	1.7					
Amgen Inc	1.7					
Cencora Inc	1.6					
Lockheed Martin Corp	1.6					
Merck & Co Inc	1.6					
SoftBank Corp	1.6					
Gilead Sciences Inc	1.6					

14.8



	Top Contributo	rs	
	Weight	Return	Contribution
Itau Unibanco Holding SA	1.1	30.7	0.3
International Business	1.7	17.9	0.3
Waste Management Inc.	1.6	18.0	0.3
Republic Services Inc.	1.7	16.1	0.3
Taiwan Semiconductor	1.1	20.2	0.2

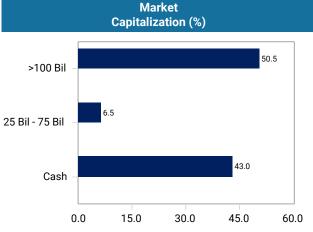
Top Detractors							
	Weight	Return	Contribution				
Akero Therapeutics Inc	0.3	-53.8	-0.2				
East Buy Holding Limited	0.4	-24.5	-0.1				
Hormel Foods Corp	0.7	-14.8	-0.1				
Cisco Systems Inc	1.7	-5.3	-0.1				
Zte Corp	0.2	-26.0	-0.1				



## PARAMETRIC GLOBAL DEFENSIVE EQUITY

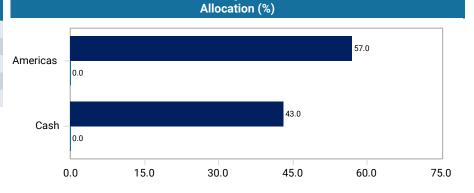
#### Parametric Global Defensive Equity vs. 50% MSCI ACWI / 50% 90 Day T-Bill







Top Holdings						
	Weight (%)					
iShares Core S&P 500 ETF	25.7					
iShares Core MSCI EAFE ETF	14.2					
Vanguard S&P 500 ETF	10.6					
iShares Core MSCI EM ETF	6.5					
% of Portfolio	57.0					



Region

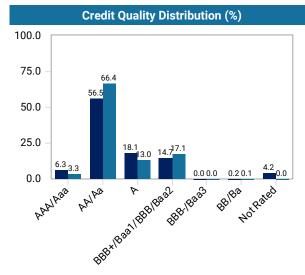
	<b>Top Contributors</b>	;	
	Weight	Return	Contribution
iShares Core S&P 500 ETF	43.4	11.7	5.1
iShares Core MSCI EAFE ETF	25.1	10.9	2.7
Vanguard S&P 500 ETF	19.6	11.7	2.3
iShares Core MSCI EM ETF	11.5	8.4	1.0

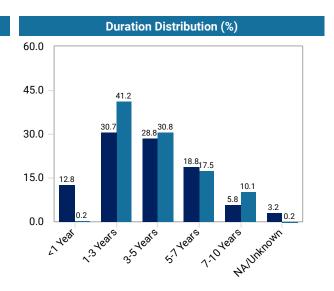
Top Detractors			
	Weight	Return	Contribution
iShares Core MSCI EM ETF	11.5	8.4	1.0
Vanguard S&P 500 ETF	19.6	11.7	2.3
iShares Core MSCI EAFE ETF	25.1	10.9	2.7
iShares Core S&P 500 ETF	43.4	11.7	5.1

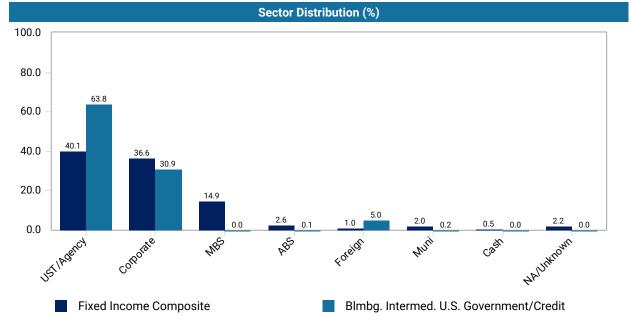


#### **FIXED INCOME COMPOSITE**

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	4.2	4.3
Avg. Quality	AA	AA
Effective Duration	3.4	3.8
Yield To Maturity (%)	4.6	4.4
Quality Breakdown		
AAA/Aaa	6.3	3.3
AA/Aa	56.5	66.4
A	18.1	13.0
BBB+/Baa1/BBB/Baa2	14.7	17.1
BBB-/Baa3	0.0	
BB/Ba	0.2	0.1
Not Rated	4.2	
Duration Breakdown		
<1 Year	12.8	0.2
1-3 Years	30.7	41.2
3-5 Years	28.8	30.8
5-7 Years	18.8	17.5
7-10 Years	5.8	10.1
NA/Unknown	3.2	0.2
Sectors Allocation Breakdow	n	
UST/Agency	40.1	63.8
Corporate	36.6	30.9
MBS	14.9	
ABS	2.6	0.1
Foreign	1.0	5.0
Muni	2.0	0.2
Cash	0.5	
NA/Unknown	2.2	



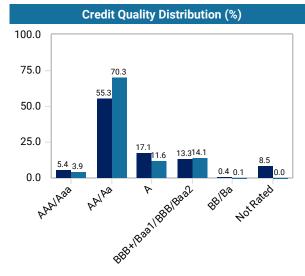


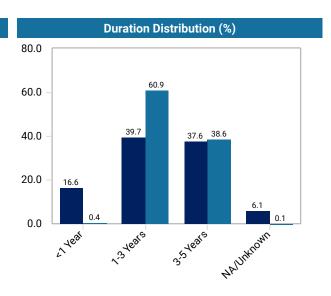


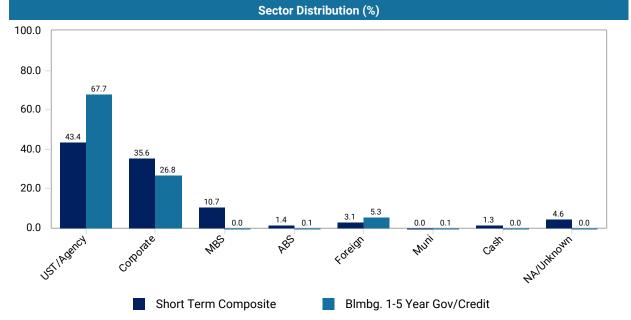


#### **SHORT TERM COMPOSITE**

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	2.7	2.8
Avg. Quality	Α	AA
Effective Duration	2.4	2.7
Yield To Maturity (%)	4.6	4.4
Quality Breakdown		
AAA/Aaa	5.4	3.9
AA/Aa	55.3	70.3
A	17.1	11.6
BBB+/Baa1/BBB/Baa2	13.3	14.1
BB/Ba	0.4	0.1
Not Rated	8.5	
Duration Breakdown		
<1 Year	16.6	0.4
1-3 Years	39.7	60.9
3-5 Years	37.6	38.6
NA/Unknown	6.1	0.1
Sectors Allocation Breakdown		
UST/Agency	43.4	67.7
Corporate	35.6	26.8
MBS	10.7	
ABS	1.4	0.1
Foreign	3.1	5.3
Muni		0.1
Cash	1.3	
NA/Unknown	4.6	





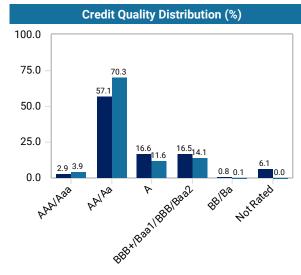


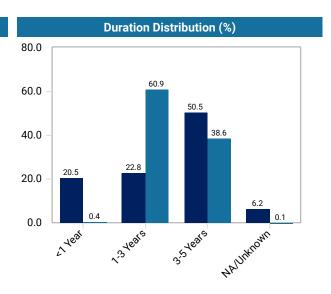


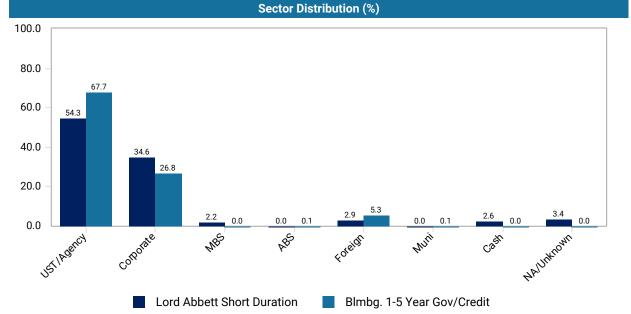
MHS Operating Plan December 31, 2023

#### LORD ABBETT SHORT DURATION

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	2.9	2.8
Avg. Quality	Α	AA
Effective Duration	2.6	2.7
Yield To Maturity (%)	4.6	4.4
Quality Breakdown		
AAA/Aaa	2.9	3.9
AA/Aa	57.1	70.3
A	16.6	11.6
BBB+/Baa1/BBB/Baa2	16.5	14.1
BB/Ba	0.8	0.1
Not Rated	6.1	
Duration Breakdown		
<1 Year	20.5	0.4
1-3 Years	22.8	60.9
3-5 Years	50.5	38.6
NA/Unknown	6.2	0.1
Sectors Allocation Breakdown		
UST/Agency	54.3	67.7
Corporate	34.6	26.8
MBS	2.2	
ABS		0.1
Foreign	2.9	5.3
Muni		0.1
Cash	2.6	
NA/Unknown	3.4	



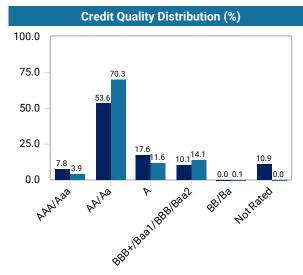


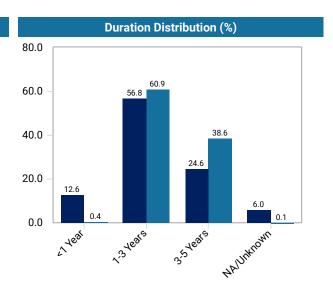


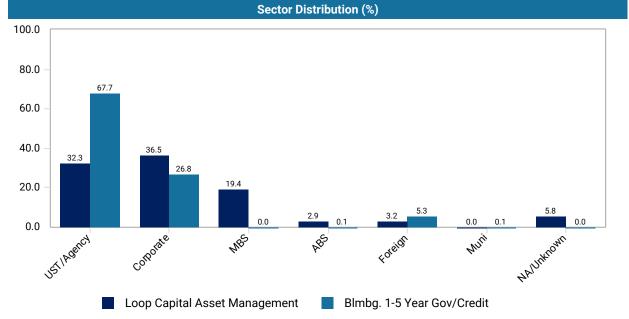


#### LOOP CAPITAL ASSET MANAGEMENT

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	2.5	2.8
Avg. Quality	AA	AA
Effective Duration	2.2	2.7
Yield To Maturity (%)	4.7	4.4
Quality Breakdown		
AAA/Aaa	7.8	3.9
AA/Aa	53.6	70.3
A	17.6	11.6
BBB+/Baa1/BBB/Baa2	10.1	14.1
BB/Ba		0.1
Not Rated	10.9	
Duration Breakdown		
<1 Year	12.6	0.4
1-3 Years	56.8	60.9
3-5 Years	24.6	38.6
NA/Unknown	6.0	0.1
Sectors Allocation Breakdown		
UST/Agency	32.3	67.7
Corporate	36.5	26.8
MBS	19.4	
ABS	2.9	0.1
Foreign	3.2	5.3
		0.1
Muni		0.1



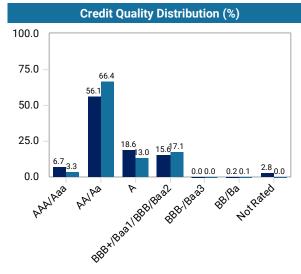


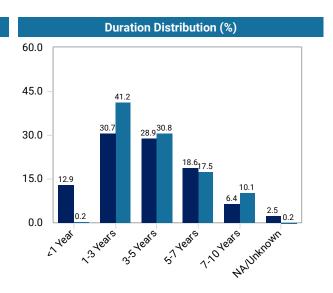


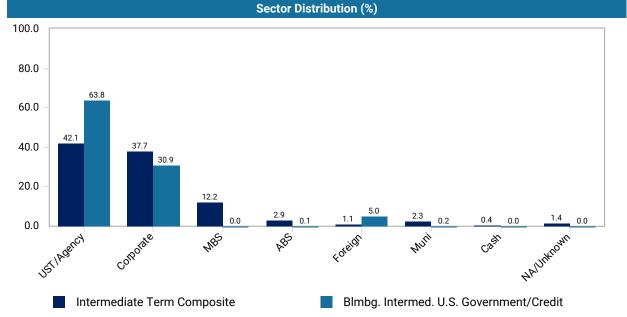


#### **INTERMEDIATE TERM COMPOSITE**

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	4.2	4.3
Avg. Quality	AA	AA
Effective Duration	3.4	3.8
Yield To Maturity (%)	4.6	4.4
Quality Breakdown		
AAA/Aaa	6.7	3.3
AA/Aa	56.1	66.4
Α	18.6	13.0
BBB+/Baa1/BBB/Baa2	15.6	17.1
BBB-/Baa3	0.0	
BB/Ba	0.2	0.1
Not Rated	2.8	
Duration Breakdown		
<1 Year	12.9	0.2
1-3 Years	30.7	41.2
3-5 Years	28.9	30.8
5-7 Years	18.6	17.5
7-10 Years	6.4	10.1
NA/Unknown	2.5	0.2
Sectors Allocation Breakdown		
UST/Agency	42.1	63.8
Corporate	37.7	30.9
MBS	12.2	
ABS	2.9	0.1
Foreign	1.1	5.0
Muni	2.3	0.2
Cash	0.4	
NA/Unknown	1.4	



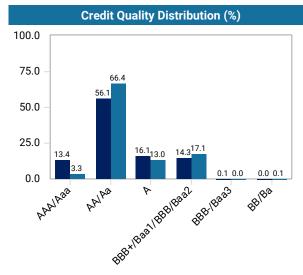


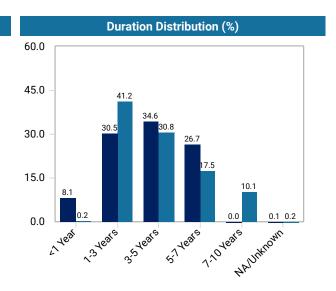


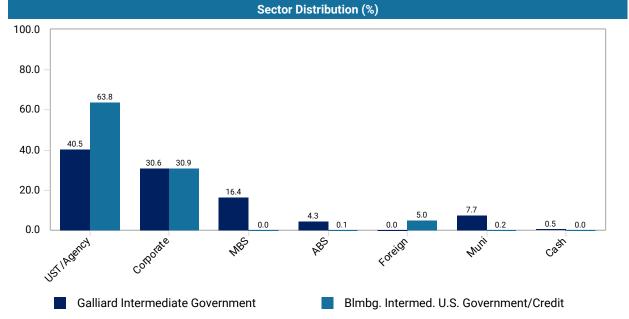


## **GALLIARD INTERMEDIATE GOVERNMENT**

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	4.8	4.3
Avg. Quality	AA	AA
Effective Duration		3.8
Yield To Maturity (%)		4.4
Quality Breakdown		
AAA/Aaa	13.4	3.3
AA/Aa	56.1	66.4
Α	16.1	13.0
BBB+/Baa1/BBB/Baa2	14.3	17.1
BBB-/Baa3	0.1	
BB/Ba		0.1
Duration Breakdown		
<1 Year	8.1	0.2
1-3 Years	30.5	41.2
3-5 Years	34.6	30.8
5-7 Years	26.7	17.5
7-10 Years		10.1
NA/Unknown	0.1	0.2
Sectors Allocation Breakdown		
UST/Agency	40.5	63.8
Corporate	30.6	30.9
MBS	16.4	
ABS	4.3	0.1
Foreign		5.0
Muni	7.7	0.2
Cash	0.5	



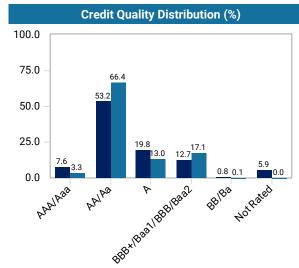


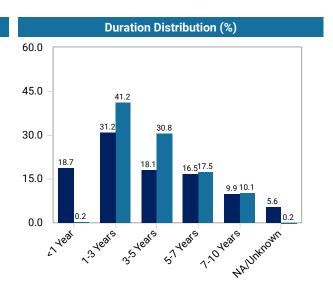


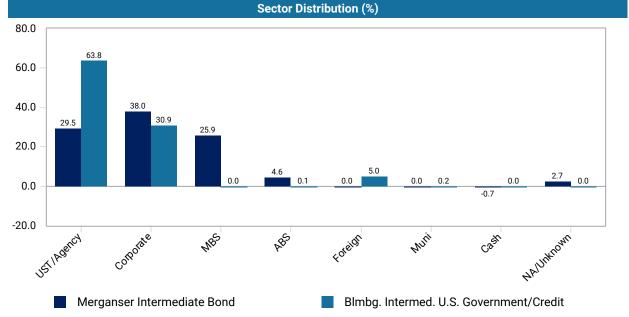


#### **MERGANSER INTERMEDIATE BOND**

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	4.0	4.3
Avg. Quality	AA	AA
Effective Duration	3.5	3.8
Yield To Maturity (%)	4.7	4.4
Quality Breakdown		
AAA/Aaa	7.6	3.3
AA/Aa	53.2	66.4
Α	19.8	13.0
BBB+/Baa1/BBB/Baa2	12.7	17.1
BB/Ba	0.8	0.1
Not Rated	5.9	
Duration Breakdown		
<1 Year	18.7	0.2
1-3 Years	31.2	41.2
3-5 Years	18.1	30.8
5-7 Years	16.5	17.5
7-10 Years	9.9	10.1
NA/Unknown	5.6	0.2
Sectors Allocation Breakdown		
UST/Agency	29.5	63.8
Corporate	38.0	30.9
MBS	25.9	
ABS	4.6	0.1
Foreign		5.0
Muni		0.2
Cash	-0.7	
NA/Unknown	2.7	







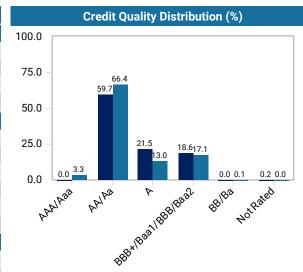


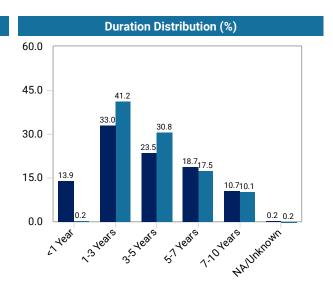
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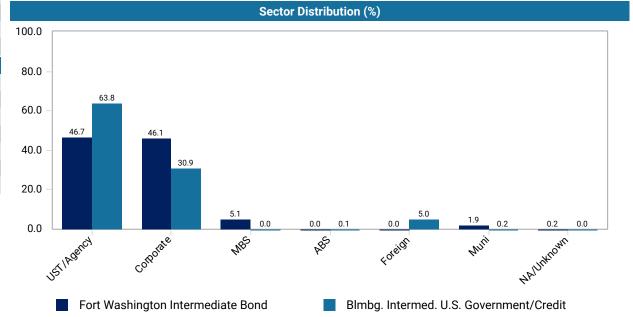
December 31, 2023

#### FORT WASHINGTON INTERMEDIATE BOND

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	4.2	4.3
Avg. Quality	Α	AA
Effective Duration	3.6	3.8
Yield To Maturity (%)	4.6	4.4
Quality Breakdown		
AAA/Aaa		3.3
AA/Aa	59.7	66.4
A	21.5	13.0
BBB+/Baa1/BBB/Baa2	18.6	17.1
BB/Ba		0.1
Not Rated	0.2	
Duration Breakdown		
<1 Year	13.9	0.2
1-3 Years	33.0	41.2
3-5 Years	23.5	30.8
5-7 Years	18.7	17.5
7-10 Years	10.7	10.1
NA/Unknown	0.2	0.2
Sectors Allocation Breakdow	n	
UST/Agency	46.7	63.8
Corporate	46.1	30.9
MBS	5.1	
ABS		0.1
Foreign		5.0
Muni	1.9	0.2
NA/Unknown	0.2	







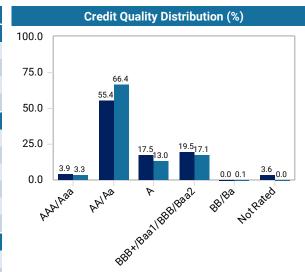


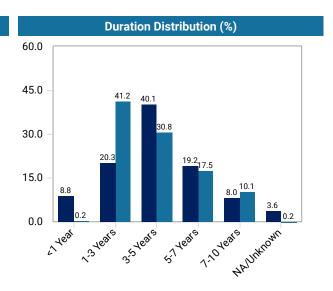
MHS Operating Plan

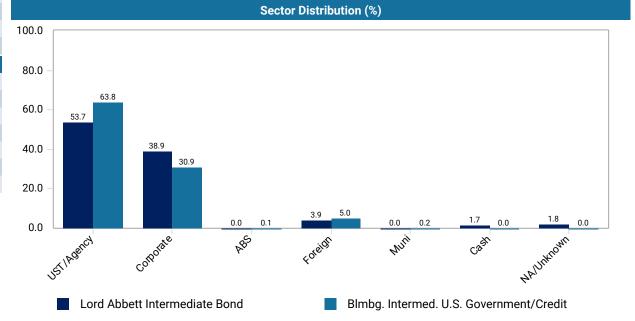
December 31, 2023

## **LORD ABBETT INTERMEDIATE BOND**

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	4.4	4.3
Avg. Quality	Α	AA
Effective Duration	3.7	3.8
Yield To Maturity (%)	4.4	4.4
Quality Breakdown		
AAA/Aaa	3.9	3.3
AA/Aa	55.4	66.4
Α	17.5	13.0
BBB+/Baa1/BBB/Baa2	19.5	17.1
BB/Ba		0.1
Not Rated	3.6	
Duration Breakdown		
<1 Year	8.8	0.2
1-3 Years	20.3	41.2
3-5 Years	40.1	30.8
5-7 Years	19.2	17.5
7-10 Years	8.0	10.1
NA/Unknown	3.6	0.2
Sectors Allocation Breakdow	n	
UST/Agency	53.7	63.8
Corporate	38.9	30.9
ABS		0.1
Foreign	3.9	5.0
Muni		0.2
Cash	1.7	
NA/Unknown	1.8	



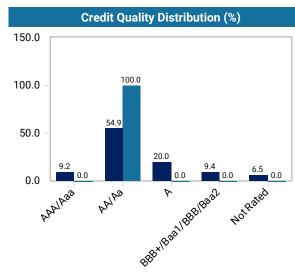


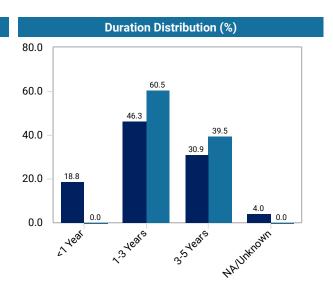


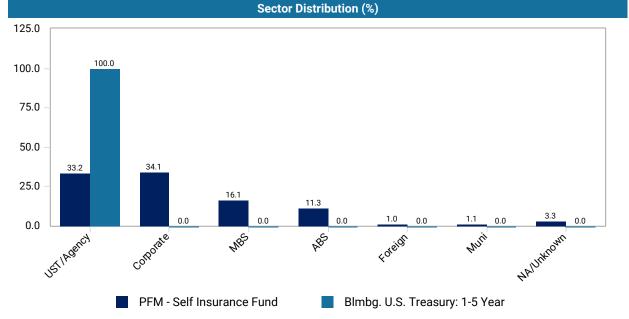


#### **PFM - SELF INSURANCE FUND**

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	2.7	2.9
Avg. Quality	AA	AA
Effective Duration	2.5	2.7
Yield To Maturity (%)	4.5	4.1
Quality Breakdown		
AAA/Aaa	9.2	
AA/Aa	54.9	100.0
Α	20.0	
BBB+/Baa1/BBB/Baa2	9.4	
Not Rated	6.5	
Duration Breakdown		
<1 Year	18.8	
1-3 Years	46.3	60.5
3-5 Years	30.9	39.5
NA/Unknown	4.0	
Sectors Allocation Breakdown		
UST/Agency	33.2	100.0
Corporate	34.1	
MBS	16.1	
ABS	11.3	
Foreign	1.0	
Muni	1.1	
NA/Unknown	3.3	



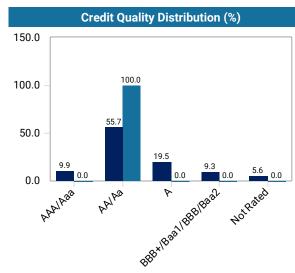


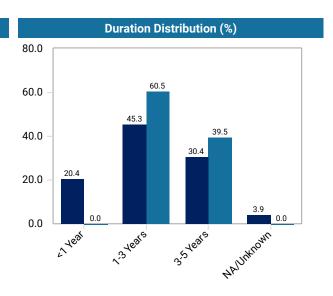


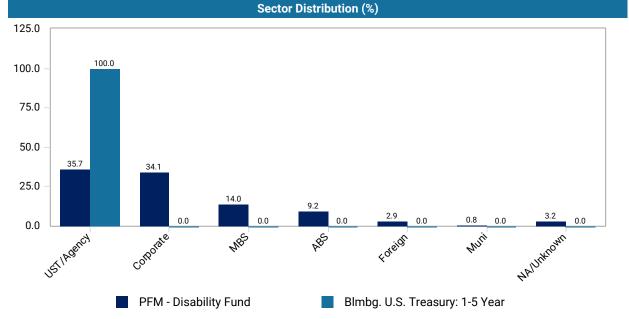


#### **PFM - DISABILITY FUND**

Portfolio Characteristics           Avg. Maturity         2.7         2.9           Avg. Quality         AA         AA           Effective Duration         2.5         2.7           Yield To Maturity (%)         4.5         4.1           Quality Breakdown         AA/Aaa         9.9           AA/Aaa         9.9         AA/Aa           A 19.5         BBB+/Baa1/BBB/Baa2         9.3           Not Rated         5.6         Duration Breakdown           <1 Year         20.4           1-3 Years         45.3         60.5           3-5 Years         30.4         39.5           NA/Unknown         3.9           Sectors Allocation Breakdown
Avg. Quality
Effective Duration 2.5 2.7  Yield To Maturity (%) 4.5 4.1  Quality Breakdown  AAA/Aaa 9.9  AA/Aa 55.7 100.0  A 19.5  BBB+/Baa1/BBB/Baa2 9.3  Not Rated 5.6  Duration Breakdown  <1 Year 20.4  1-3 Years 45.3 60.5  3-5 Years 30.4 39.5  NA/Unknown 3.9  Sectors Allocation Breakdown
Yield To Maturity (%)       4.5       4.1         Quality Breakdown       4.4       4.1         AAA/Aaa       9.9       4.5       100.0         AAA/Aa       55.7       100.0       10.0         A       19.5       19.5       19.5         BBB+/Baa1/BBB/Baa2       9.3       1.0       1.0         Not Rated       5.6       5.6       5.6         Duration Breakdown       20.4       1.3 Years       45.3       60.5         3-5 Years       30.4       39.5       NA/Unknown       3.9         Sectors Allocation Breakdown
Quality Breakdown         AAA/Aaa       9.9         AA/Aa       55.7       100.0         A       19.5         BBB+/Baa1/BBB/Baa2       9.3         Not Rated       5.6         Duration Breakdown         <1 Year
AAA/Aaa 9.9  AA/Aa 55.7 100.0  A 19.5  BBB+/Baa1/BBB/Baa2 9.3  Not Rated 5.6  Duration Breakdown  <1 Year 20.4  1-3 Years 45.3 60.5  3-5 Years 30.4 39.5  NA/Unknown 3.9  Sectors Allocation Breakdown
AA/Aa 55.7 100.0 A 19.5 BBB+/Baa1/BBB/Baa2 9.3 Not Rated 5.6  Duration Breakdown <1 Year 20.4 1-3 Years 45.3 60.5 3-5 Years 30.4 39.5 NA/Unknown 3.9  Sectors Allocation Breakdown
A 19.5 BBB+/Baa1/BBB/Baa2 9.3 Not Rated 5.6  Duration Breakdown <1 Year 20.4 1-3 Years 45.3 60.5 3-5 Years 30.4 39.5 NA/Unknown 3.9  Sectors Allocation Breakdown
BBB+/Baa1/BBB/Baa2 9.3 Not Rated 5.6  Duration Breakdown <1 Year 20.4 1-3 Years 45.3 60.5 3-5 Years 30.4 39.5 NA/Unknown 3.9  Sectors Allocation Breakdown
Not Rated         5.6           Duration Breakdown         20.4           <1 Year
Duration Breakdown         <1 Year
<1 Year
1-3 Years       45.3       60.5         3-5 Years       30.4       39.5         NA/Unknown       3.9         Sectors Allocation Breakdown
3-5 Years 30.4 39.5 NA/Unknown 3.9 Sectors Allocation Breakdown
NA/Unknown 3.9 Sectors Allocation Breakdown
Sectors Allocation Breakdown
UST/Agency 35.7 100.0
Corporate 34.1
MBS 14.0
ABS 9.2
Foreign 2.9
Muni 0.8
NA/Unknown 3.2



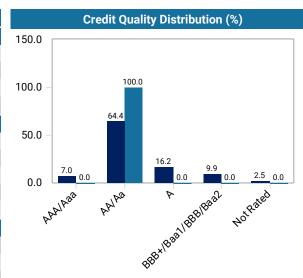


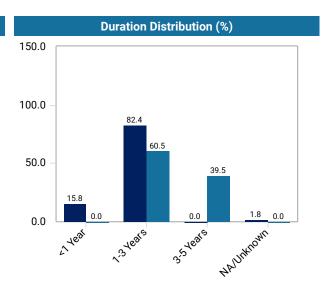


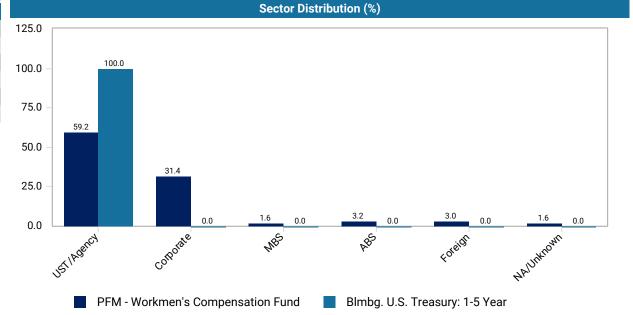


### PFM - WORKMEN'S COMPENSATION FUND

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	1.8	2.9
Avg. Quality	AA	AA
Effective Duration	1.6	2.7
Yield To Maturity (%)	4.6	4.1
Quality Breakdown		
AAA/Aaa	7.0	
AA/Aa	64.4	100.0
Α	16.2	
BBB+/Baa1/BBB/Baa2	9.9	
Not Rated	2.5	
Duration Breakdown		
<1 Year	15.8	
1-3 Years	82.4	60.5
3-5 Years		39.5
NA/Unknown	1.8	
<b>Sectors Allocation Breakdown</b>		
UST/Agency	59.2	100.0
Corporate	31.4	
MBS	1.6	
ABS	3.2	
Foreign	3.0	
NA/Unknown	1.6	



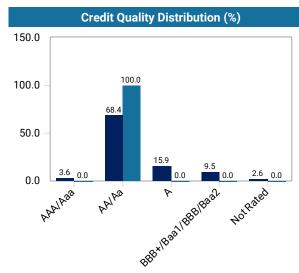


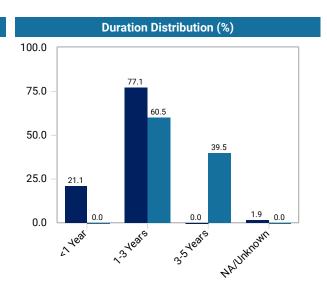


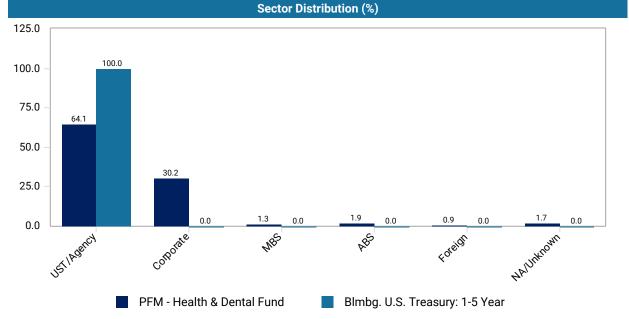


#### **PFM - HEALTH & DENTAL FUND**

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	1.7	2.9
Avg. Quality	AA	AA
Effective Duration	1.6	2.7
Yield To Maturity (%)	4.6	4.1
Quality Breakdown		
AAA/Aaa	3.6	
AA/Aa	68.4	100.0
Α	15.9	
BBB+/Baa1/BBB/Baa2	9.5	
Not Rated	2.6	
Duration Breakdown		
<1 Year	21.1	
1-3 Years	77.1	60.5
3-5 Years		39.5
NA/Unknown	1.9	
Sectors Allocation Breakdown		
UST/Agency	64.1	100.0
Corporate	30.2	
MBS	1.3	
ABS	1.9	
Foreign	0.9	
NA/Unknown	1.7	



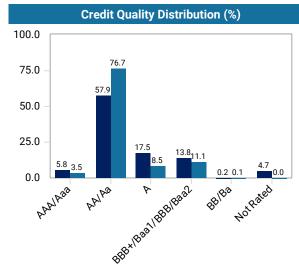


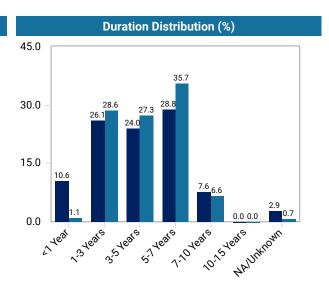


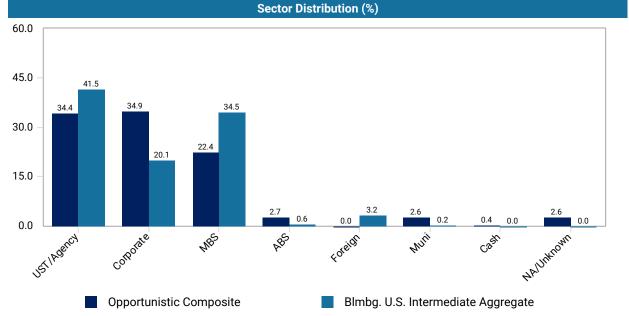


### **OPPORTUNISTIC COMPOSITE**

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	4.9	5.3
Avg. Quality	AA	AA
Effective Duration	3.9	4.3
Yield To Maturity (%)	4.6	4.5
Quality Breakdown		
AAA/Aaa	5.8	3.5
AA/Aa	57.9	76.7
A	17.5	8.5
BBB+/Baa1/BBB/Baa2	13.8	11.1
BB/Ba	0.2	0.1
Not Rated	4.7	
Duration Breakdown		
<1 Year	10.6	1.1
1-3 Years	26.1	28.6
3-5 Years	24.0	27.3
5-7 Years	28.8	35.7
7-10 Years	7.6	6.6
10-15 Years		0.0
NA/Unknown	2.9	0.7
Sectors Allocation Breakdown		
UST/Agency	34.4	41.5
Corporate	34.9	20.1
MBS	22.4	34.5
ABS	2.7	0.6
Foreign		3.2
Muni	2.6	0.2
Cash	0.4	
NA/Unknown	2.6	



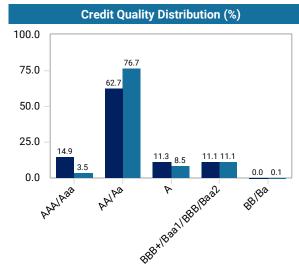


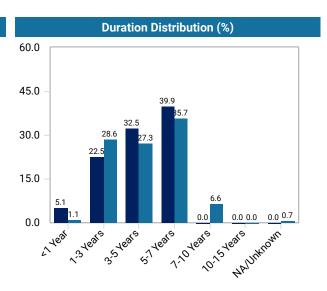


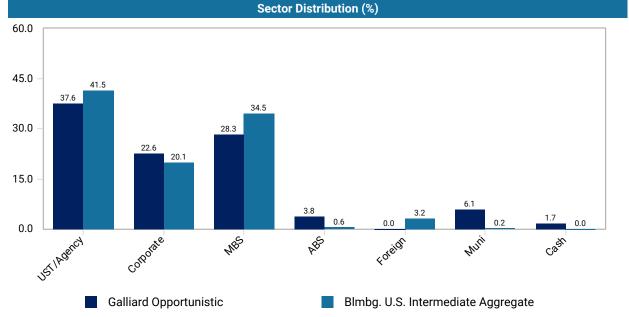


### **GALLIARD OPPORTUNISTIC**

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	5.4	5.3
Avg. Quality	AA	AA
Effective Duration		4.3
Yield To Maturity (%)		4.5
Quality Breakdown		
AAA/Aaa	14.9	3.5
AA/Aa	62.7	76.7
A	11.3	8.5
BBB+/Baa1/BBB/Baa2	11.1	11.1
BB/Ba		0.1
Duration Breakdown		
<1 Year	5.1	1.1
1-3 Years	22.5	28.6
3-5 Years	32.5	27.3
5-7 Years	39.9	35.7
7-10 Years		6.6
10-15 Years		0.0
NA/Unknown		0.7
Sectors Allocation Breakdown		
UST/Agency	37.6	41.5
Corporate	22.6	20.1
MBS	28.3	34.5
ABS	3.8	0.6
Foreign		3.2
Muni	6.1	0.2
Cash	1.7	



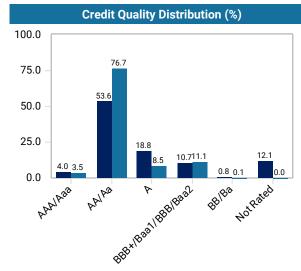


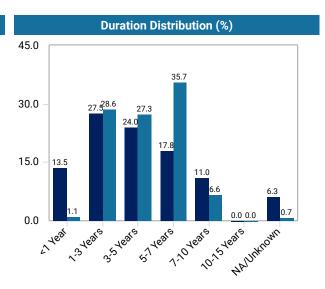


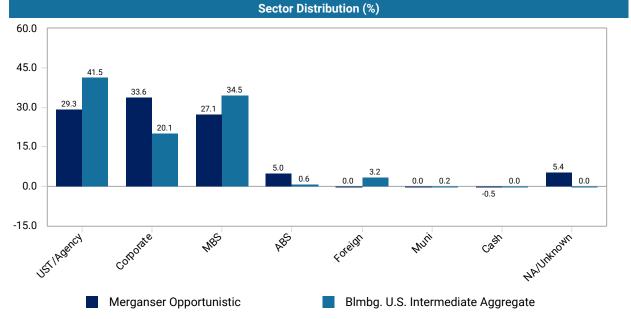


#### **MERGANSER OPPORTUNISTIC**

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	4.6	5.3
Avg. Quality	AA	AA
Effective Duration	3.9	4.3
Yield To Maturity (%)	4.6	4.5
Quality Breakdown		
AAA/Aaa	4.0	3.5
AA/Aa	53.6	76.7
A	18.8	8.5
BBB+/Baa1/BBB/Baa2	10.7	11.1
BB/Ba	0.8	0.1
Not Rated	12.1	
Duration Breakdown		
<1 Year	13.5	1.1
1-3 Years	27.5	28.6
3-5 Years	24.0	27.3
5-7 Years	17.8	35.7
7-10 Years	11.0	6.6
10-15 Years		0.0
NA/Unknown	6.3	0.7
Sectors Allocation Breakdown		
UST/Agency	29.3	41.5
Corporate	33.6	20.1
MBS	27.1	34.5
ABS	5.0	0.6
Foreign		3.2
Muni		0.2
Cash	-0.5	
NA/Unknown	5.4	







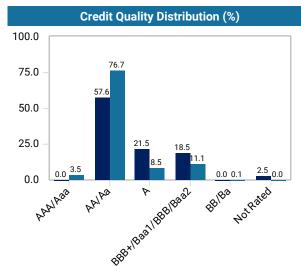


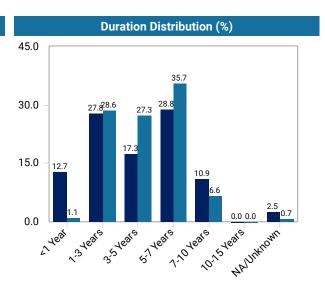
MHS Operating Plan

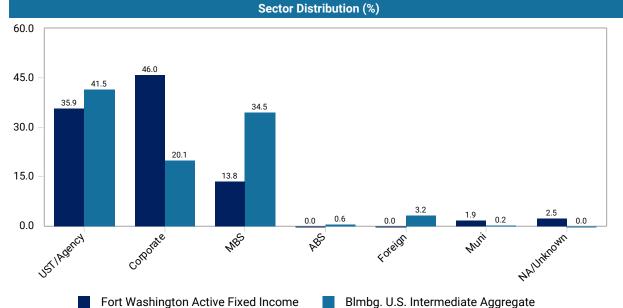
December 31, 2023

#### FORT WASHINGTON ACTIVE FIXED INCOME

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	4.7	5.3
Avg. Quality	Α	AA
Effective Duration	3.9	4.3
Yield To Maturity (%)	4.6	4.5
Quality Breakdown		
AAA/Aaa		3.5
AA/Aa	57.6	76.7
Α	21.5	8.5
BBB+/Baa1/BBB/Baa2	18.5	11.1
BB/Ba		0.1
Not Rated	2.5	
Duration Breakdown		
<1 Year	12.7	1.1
1-3 Years	27.8	28.6
3-5 Years	17.3	27.3
5-7 Years	28.8	35.7
7-10 Years	10.9	6.6
10-15 Years		0.0
NA/Unknown	2.5	0.7
Sectors Allocation Breakdown		
UST/Agency	35.9	41.5
Corporate	46.0	20.1
MBS	13.8	34.5
ABS		0.6
Foreign		3.2
Muni	1.9	0.2
NA/Unknown	2.5	









# **COMPOSITE PERFORMANCE DETAIL**

	Allocation	Performance (%)											
	Market Value (\$)	% of Portfolio	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Total Fund Composite	2,341,109,499	100.0	6.7	-5.9	1.1	3.9	5.3	1.2	1.3	1.1	1.1	1.7	-0.3
Policy Index			5.7	-7.1	1.0	3.9	5.7	1.2	0.8	0.9	0.8	1.3	-0.3
InvMetrics Healthcare Operating Funds Net Rank			70	23	80	88	84	12	91	96	5	84	92
Short Term Composite	246,266,232	10.5	5.1	-5.2	-1.0	3.2	3.5	1.6	0.7	8.0	0.6	0.6	0.3
Blmbg. 1-5 Year Gov/Credit			4.9	-5.5	-1.0	4.7	5.0	1.4	1.3	1.6	1.0	1.4	0.3
eV US Short Duration Fixed Inc Rank			53	81	86	78	89	15	86	92	65	84	57
Intermediate Term Composite	952,416,373	40.7	5.5	-7.5	-1.0	4.8	4.6	1.5	1.3	1.2	1.2	1.9	-0.3
Blmbg. Intermed. U.S. Government/Credit			5.2	-8.2	-1.4	6.4	6.8	0.9	2.1	2.1	1.1	3.1	-0.9
eV US Interm Duration Fixed Inc Rank			50	12	32	97	98	3	94	93	31	97	23
Opportunistic Composite	477,823,680	20.4	5.7	-8.5	-1.4	6.3	5.9	1.3	2.0	1.6	1.5	3.2	-1.0
Blmbg. U.S. Intermediate Aggregate			5.2	-9.5	-1.3	5.6	6.7	0.9	2.3	2.0	1.2	4.1	-1.0
eV US Interm Duration Fixed Inc Rank			42	52	58	66	87	6	81	82	13	64	63
Global Equity Composite	521,243,594	22.3	11.2	-6.0	12.7	1.4	17.0						
MSCI AC World Minimum Volatility Index (Net)			7.7	-10.3	13.9	2.7	21.1						
eV Global All Cap Equity Rank			86	7	74	89	91						



# **PERFORMANCE DETAIL**

	Allocation	on					Performance (%)						
	Market Value (\$)	% of Portfolio	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Total Fund Composite	2,341,109,499	100.0	6.7	-5.9	1.1	3.9	5.3	1.2	1.3	1.1	1.1	1.7	-0.3
Policy Index			5.7	-7.1	1.0	3.9	5.7	1.2	0.8	0.9	0.8	1.3	-0.3
InvMetrics Healthcare Operating Funds Net Rank			70	23	80	88	84	12	91	96	5	84	92
Fixed Income Composite	1,676,506,285	71.6	5.5	-7.5	-1.1	5.0	4.8	1.5	1.3	1.3	1.1	2.0	-0.6
Short Term Composite	246,266,232	10.5	5.1	-5.2	-1.0	3.2	3.5	1.6	0.7	8.0	0.6	0.6	0.3
Blmbg. 1-5 Year Gov/Credit			4.9	-5.5	-1.0	4.7	5.0	1.4	1.3	1.6	1.0	1.4	0.3
eV US Short Duration Fixed Inc Rank			53	81	86	78	89	15	86	92	65	84	57
Lord Abbett Short Duration	124,022,666	5.3	5.1	-4.9									
Blmbg. 1-5 Year Gov/Credit			4.9	-5.5									
Loop Capital Asset Management	122,243,566	5.2	5.1	-5.6	-0.9	3.2	3.5	1.6	0.7	1.0	0.4	0.5	0.2
Blmbg. 1-5 Year Gov/Credit			4.9	-5.5	-1.0	4.7	5.0	1.4	1.3	1.6	1.0	1.4	0.3
Intermediate Term Composite	952,416,373	40.7	5.5	-7.5	-1.0	4.8	4.6	1.5	1.3	1.2	1.2	1.9	-0.3
Blmbg. Intermed. U.S. Government/Credit			5.2	-8.2	-1.4	6.4	6.8	0.9	2.1	2.1	1.1	3.1	-0.9
eV US Interm Duration Fixed Inc Rank			50	12	32	97	98	3	94	93	31	97	23
Galliard Intermediate Government	230,556,410	9.8	5.8	-8.1	-0.6	5.1	4.6	1.5	1.4	1.3	1.1	2.0	-0.7
Blmbg. Intermed. U.S. Government/Credit			5.2	-8.2	-1.4	6.4	6.8	0.9	2.1	2.1	1.1	3.1	-0.9
Merganser Intermediate Bond	224,251,835	9.6	5.5	-7.6	-1.0	4.6	4.6	1.5	1.3	1.2	1.0	1.8	-0.4
Blmbg. Intermed. U.S. Government/Credit			5.2	-8.2	-1.4	6.4	6.8	0.9	2.1	2.1	1.1	3.1	-0.9
Fort Washington Intermediate Bond	192,733,078	8.2	5.6	-7.9									
Blmbg. Intermed. U.S. Government/Credit			5.2	-8.2									
Lord Abbett Intermediate Bond	221,637,901	9.5	5.5	-7.7									
Blmbg. Intermed. U.S. Government/Credit			5.2	-8.2									
PFM - Self Insurance Fund	46,156,228	2.0	5.0	-5.0	-0.9	4.6	4.6	1.4	1.1	1.3	1.0	1.3	0.0
ICE BofA 1-5 Yr Treasury & Agency			4.3	-5.2	-1.1	4.2	4.2	1.5	0.7	1.1	1.0	1.2	-0.2
PFM - Disability Fund	20,441,300	0.9	5.0	-5.1	-0.9	4.6	4.6	1.3	1.1	1.3	1.0	1.3	0.0
ICE BofA 1-5 Yr Treasury & Agency			4.3	-5.2	-1.1	4.2	4.2	1.5	0.7	1.1	1.0	1.2	-0.2
PFM - Workmen's Compensation Fund	11,162,669	0.5	5.1	-3.0	-0.5	2.8	3.5	1.6	0.7	1.0	0.7	0.6	0.3
ICE BofA U.S. Agencies, 1-3yr			4.7	-3.7	-0.4	2.7	3.5	1.8	0.7	1.0	0.7	0.7	0.4
PFM - Health & Dental Fund	5,476,952	0.2	5.0	-3.1	-0.5	2.8	3.5	1.7	0.7	1.0	0.7	0.6	0.3
ICE BofA U.S. Agencies, 1-3yr			4.7	-3.7	-0.4	2.7	3.5	1.8	0.7	1.0	0.7	0.7	0.4



## **PERFORMANCE DETAIL**

	Allocation			Performance (%)									
	Market Value (\$)	% of Portfolio	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Opportunistic Composite	477,823,680	20.4	5.7	-8.5	-1.4	6.3	5.9	1.3	2.0	1.6	1.5	3.2	-1.0
Blmbg. U.S. Intermediate Aggregate			5.2	-9.5	-1.3	5.6	6.7	0.9	2.3	2.0	1.2	4.1	-1.0
eV US Interm Duration Fixed Inc Rank			42	52	58	66	87	6	81	82	13	64	63
Galliard Opportunistic	147,324,963	6.3	5.7	-9.2	-1.1	6.6	5.9	1.3	2.2	1.6	1.4	3.4	-1.5
Blmbg. U.S. Intermediate Aggregate			5.2	-9.5	-1.3	5.6	6.7	0.9	2.3	2.0	1.2	4.1	-1.0
Merganser Opportunistic	147,600,891	6.3	5.6	-8.3	-1.4	5.9	5.8	1.4	1.7	1.6	1.2	2.5	-1.1
Blmbg. U.S. Intermediate Aggregate			5.2	-9.5	-1.3	5.6	6.7	0.9	2.3	2.0	1.2	4.1	-1.0
Fort Washington Active Fixed Income	182,897,826	7.8	5.8	-8.2									
Blmbg. U.S. Intermediate Aggregate			5.2	-9.5									
Global Equity Composite	521,243,594	22.3	11.2	-6.0	12.7	1.4	17.0						
MSCI AC World Minimum Volatility Index (Net)			7.7	-10.3	13.9	2.7	21.1						
eV Global All Cap Equity Rank			86	7	74	89	91						
Vanguard Global Minimum Volatility Equity	242,467,210	10.4	8.0	-4.5	12.0	-3.9	22.7						
MSCI AC World Minimum Volatility Index (Net)			7.7	-10.3	13.9	2.7	21.1						
eV Global Low Volatility Equity Rank			63	9	80	81	26						
Parametric Global Defensive Equity	278,776,384	11.9	14.6	-7.5	13.1	2.6	14.1						
50% MSCI ACWI / 50% 90 Day T-Bill			13.6	-8.5	9.0	9.1	14.1						
Cash Composite	143,359,620	6.1	5.1	1.3	0.1	8.0	2.4	1.9	0.9	0.5			
90 Day U.S. Treasury Bill			5.0	1.5	0.0	0.7	2.3	1.9	0.9	0.3	0.0		
PNC Treasury Management	143,355,590	6.1	5.1	1.3	0.1	8.0	2.4	1.9	0.9	0.5	0.2		
90 Day U.S. Treasury Bill			5.0	1.5	0.0	0.7	2.3	1.9	0.9	0.3	0.0		
U.S. Bank Cash	4,030	0.0	4.2	1.5	290.5	2.1	2.0						
90 Day U.S. Treasury Bill			5.0	1.5	0.0	0.7	2.3						

<sup>\*</sup> All data prior to 5/2023 was received from Marquette Associate

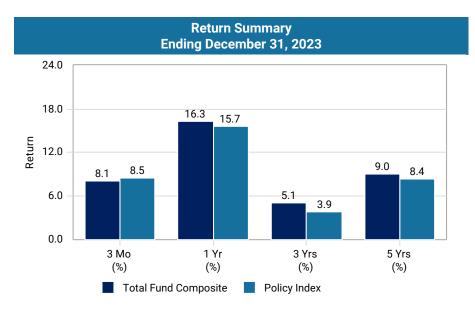


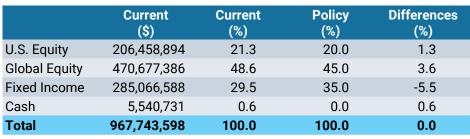
<sup>\*</sup> Policy Index consist of 35% Bloomberg Intermediate U.S. Gov/Credit, 20% Bloomberg U.S. Intermediate Aggregate, 10% Bloomberg 1-5 Year Gov/Credit, 20% MSCI AC World Minimum Volatilit Index (Net), and 15% 90 Day U.S. T-Bills.



SOUTH **BROWARD** HOSPITAL DISTRICT -RETIREMENT **PLAN** Q4 2023

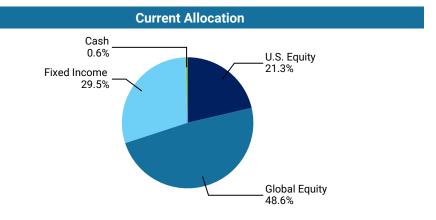
# **EXECUTIVE SUMMARY**







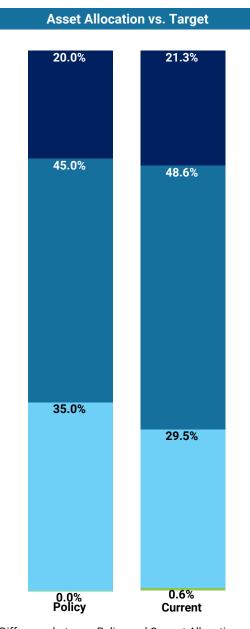
12/18 6/19 12/19 6/20 12/20 6/21 12/21 6/22 12/22 6/23 12/23



Summary of Cash Flows										
	1 Quarter	1 Year	3 Years							
Beginning Market Value	895,084,806	833,725,298	835,609,083							
Net Cash Flow	156,396	-2,267,104	-8,021,946							
Net Investment Change	72,502,397	136,285,405	140,156,461							
<b>Ending Market Value</b>	967,743,598	967,743,598	967,743,598							



# **ASSET ALLOCATION VS. POLICY**

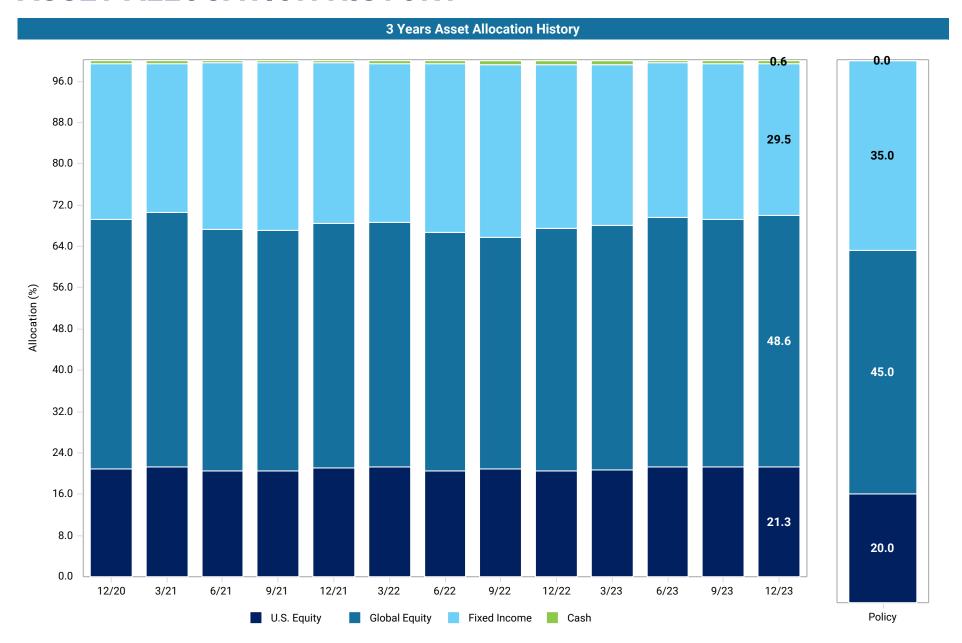


	Current (\$)	Current (%)	Policy (%)	Differences* (%)	Policy Range (%)	Within Range
U.S. Equity	206,458,894	21.3	20.0	1.3	15.0 - 25.0	Yes
Vanguard Total Stock Market Fund	101,921,010	10.5				
Parametric Defensive Equity	104,537,884	10.8				
Global Equity	470,677,386	48.6	45.0	3.6	40.0 - 50.0	Yes
Dodge & Cox	191,888,545	19.8				
Walter Scott & Partners	229,806,997	23.7				
Vanguard Global Minimum Volatility	48,981,844	5.1				
Fixed Income	285,066,588	29.5	35.0	-5.5	30.0 - 40.0	No
C.S. McKee Aggregate Fixed Income	187,289,096	19.4				
Chartwell High Yield	46,404,941	4.8				
Artistotle Floating Rate Income	51,358,874	5.3				
Wellington LCP Legacy Portfolio	13,676	0.0				
Cash	5,540,731	0.6	0.0	0.6	0.0 - 0.0	No
Money Market	1,619,077	0.2				
Vanguard Treasury Money Market	3,921,653	0.4				
Total	967,743,598	100.0	100.0	0.0		

<sup>\*</sup>Difference between Policy and Current Allocation

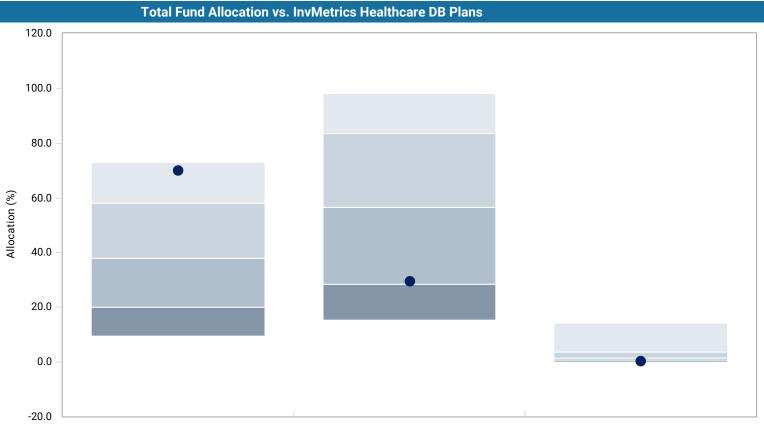


# **ASSET ALLOCATION HISTORY**





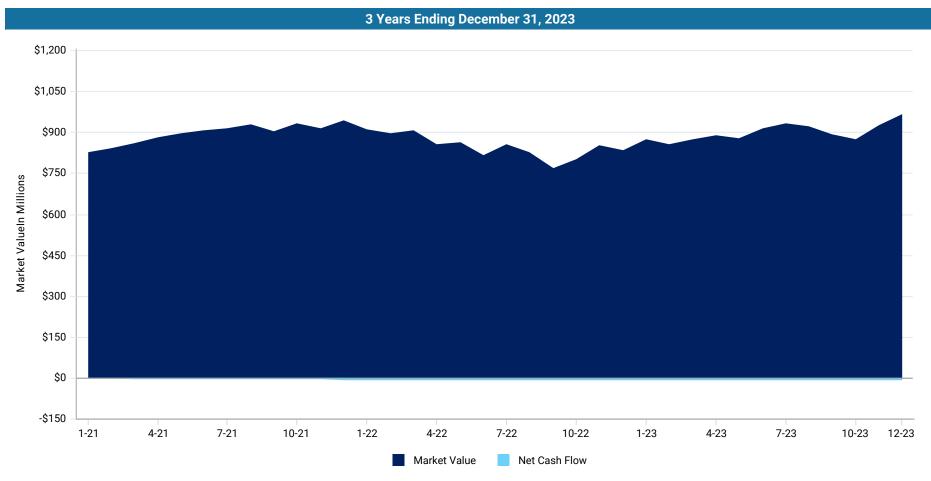
# **ALLOCATIONS VS. PEER UNIVERSE**



	Total Equity	Total Fixed Income	Cash & Equivalents
<ul><li>Total Fund Composite</li></ul>	70.0 (7)	29.5 (72)	0.6 (80)
5th Percentile	73.1	98.2	14.4
1st Quartile	58.2	83.7	3.7
Median	37.9	56.7	1.4
3rd Quartile	19.9	28.6	0.7
95th Percentile	9.7	15.5	0.2
Population	64	75	58



# **ASSET GROWTH SUMMARY**



	Last Three Months	1 Year	3 Years
Beginning Market Value	895,084,806	833,725,298	835,609,083
Net Cash Flow	156,396	-2,267,104	-8,021,946
Net Investment Change	72,502,397	136,285,405	140,156,461
Ending Market Value	967,743,598	967,743,598	967,743,598
Net Change	72,658,793	134,018,301	132,134,515



### **RETURN SUMMARY VS. PEER UNIVERSE**

# **Total Fund Composite vs. InvMetrics Healthcare DB Plans** 25.0 20.0 15.0 10.0 Return 5.0 0.0 -5.0 -10.0 -15.0

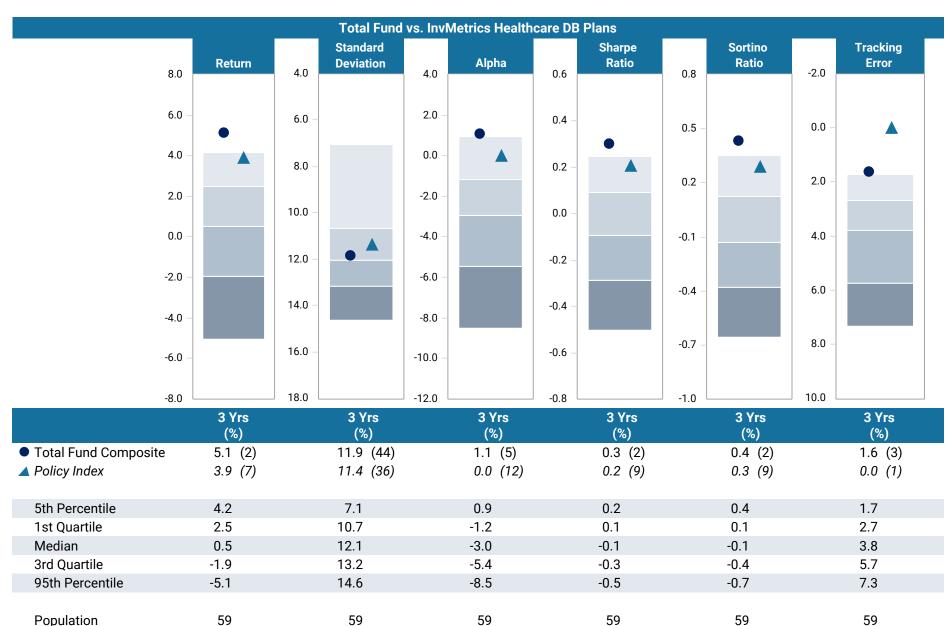
	3 Мо	1 Year	2 Years	3 Years	5 Years	7 Years	10 Years
<ul><li>Total Fund Composite</li></ul>	8.1 (80)	16.3 (7)	1.2 (2)	5.1 (2)	9.0 (6)	8.1 (3)	6.5 (6)
Policy Index	8.5 (74)	15.7 (7)	-0.2 (7)	3.9 (7)	8.4 (12)	7.4 (10)	6.0 (14)
5th Percentile	12.2	17.9	0.1	4.2	9.2	7.9	6.6
1st Quartile	10.8	13.6	-1.5	2.5	7.2	6.5	5.6
Median	9.8	11.3	-2.8	0.5	6.2	5.6	5.0
3rd Quartile	8.3	9.3	-5.7	-1.9	4.9	4.5	4.2
95th Percentile	4.6	7.2	-8.6	-5.1	2.9	3.1	3.4
Population	74	72	60	59	55	50	40



MHS Retirement Plan

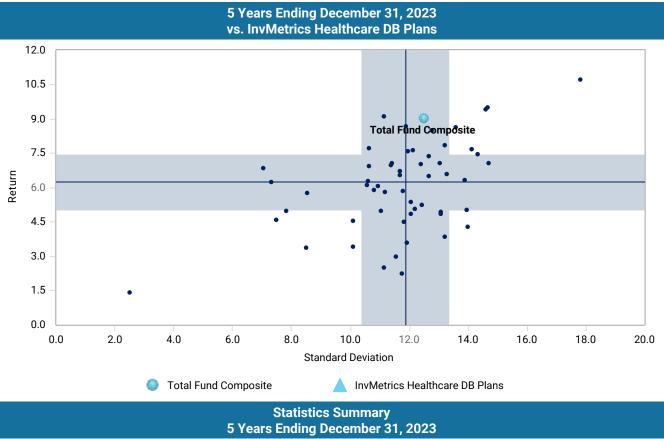
December 31, 2023

#### **RISK STATISTICS VS. PEER UNIVERSE - 3 YEAR**





# **RISK VS. RETURN - 5 YEAR**



Statistics Summary 5 Years Ending December 31, 2023										
	5 Years Return	5 Years Standard Deviation	5 Years Sharpe Ratio	5 Years Sortino Ratio						
Total Fund Composite	9.0	12.5	0.6	0.9						
Policy Index	8.4	12.1	0.6	0.9						



# **COMPOSITE PERFORMANCE DETAIL**

	Allocat	ion				Pe	rformance	: (%)		
	Market Value (\$)	% of Portfolio	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
<b>Total Fund Composite</b>	967,743,598	100.0	8.1	16.3	5.1	9.0	8.1	6.5	5.6	Jul-04
Policy Index			<u>8.5</u>	<u>15.7</u>	<u>3.9</u>	<u>8.4</u>	<u>7.4</u>	<u>6.0</u>	<u>5.9</u>	
Over/Under			-0.4	0.6	1.2	0.6	0.7	0.5	-0.3	
InvMetrics Healthcare DB Plans Rank			80	7	2	6	3	6	53	
Fixed Income Composite	285,066,588	29.5	5.5	7.5	-1.0	2.3	2.2	2.2	3.2	Jul-04
Custom Index			<u>5.9</u>	<u>7.1</u>	<u>-1.2</u>	<u>2.3</u>	<u>2.4</u>	<u>2.2</u>	<u>3.5</u>	
Over/Under			-0.4	0.4	0.2	0.0	-0.2	0.0	-0.3	
eV All US Fixed Inc Rank			56	33	52	40	43	54	59	
U.S. Equity Composite	206,458,894	21.3	8.7	21.0	8.3	12.3	10.5		10.5	Sep-16
CRSP U.S. Total Market TR Index			<u>12.1</u>	<u> 26.0</u>	<u>8.4</u>	<u>15.1</u>	<u>12.8</u>		<u>12.8</u>	
Over/Under			-3.4	-5.0	-0.1	-2.8	-2.3		-2.3	
eV All US Equity Rank			89	40	47	59	49		53	
Global Equity Composite	470,677,386	48.6	9.5	20.2	7.7	12.3	10.9	8.7	6.6	May-02
MSCI AC World Index (Net)			<u>11.0</u>	<u>22.2</u>	<u>5.7</u>	<u>11.7</u>	<u>10.0</u>	<u>7.9</u>	<u>7.5</u>	
Over/Under			-1.5	-2.0	2.0	0.6	0.9	8.0	-0.9	
eV Global All Cap Equity Rank			75	43	24	42	34	31	79	



### **PERFORMANCE DETAIL**

	Allocat	ion				Pei	rformanc	e (%)		
	Market Value (\$)	% of Portfolio	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Total Fund Composite	967,743,598	100.0	8.1	16.3	5.1	9.0	8.1	6.5	5.6	Jul-04
Policy Index			<u>8.5</u>	<u>15.7</u>	<u>3.9</u>	<u>8.4</u>	<u>7.4</u>	<u>6.0</u>	<u>5.9</u>	
Over/Under			-0.4	0.6	1.2	0.6	0.7	0.5	-0.3	
InvMetrics Healthcare DB Plans Rank			80	7	2	6	3	6	53	
Fixed Income Composite	285,066,588	29.5	5.5	7.5	-1.0	2.3	2.2	2.2	3.2	Jul-04
Custom Index			<u>5.9</u>	<u>7.1</u>	<u>-1.2</u>	<u>2.3</u>	<u>2.4</u>	<u>2.2</u>	<u>3.5</u>	
Over/Under			-0.4	0.4	0.2	0.0	-0.2	0.0	-0.3	
eV All US Fixed Inc Rank			56	33	52	40	43	54	59	
C.S. McKee Aggregate Fixed Income	187,289,096	19.4	6.6	5.9	-3.3	1.2			1.4	Sep-18
Blmbg. U.S. Aggregate Index			<u>6.8</u>	<u>5.5</u>	<u>-3.3</u>	<u>1.1</u>			<u>1.2</u>	
Over/Under			-0.2	0.4	0.0	0.1			0.2	
eV US Core Fixed Inc Rank			70	53	66	79			58	
Chartwell High Yield	46,404,941	4.8	4.1	8.1	2.4	3.7			2.9	Oct-17
ICE BofA U.S. High Yield Cash Pay BB 1-3 Year			<u>4.0</u>	<u>8.9</u>	<u>2.9</u>	<u>4.5</u>			<u>3.8</u>	
Over/Under			0.1	-0.8	-0.5	-0.8			-0.9	
High Yield Bond Rank			94	97	30	92			80	
Artistotle Floating Rate Income	51,358,874	5.3	2.9	13.4	5.6	5.3			4.4	Feb-18
Credit Suisse Leveraged Loan Index			<u>2.9</u>	<u>13.0</u>	<u>5.6</u>	<u>5.6</u>			<u>4.7</u>	
Over/Under			0.0	0.4	0.0	-0.3			-0.3	
Bank Loan Rank			53	22	11	17			16	
Wellington LCP Legacy Portfolio	13,676	0.0								

<sup>\*</sup>Custom Index consist of 71.4% Bloomberg U.S. Aggregate,14.3% BofA Merrill Lynch 1-3 Yrs High Yield BB, and 14.3% Credit Suisse Leveraged Loan Index.



<sup>\*</sup>All data prior to 5/2023 was received from Marquette Associates.

<sup>\*</sup>Policy Index consist of 40% MSCI ACWI, 5% MSCI ACWI Minimum Volatility, 25% Barclays U.S. Aggregate, 10% CRSP US Total Market Index, 10% CBOE Put Write Index, 5% BofAML 1-3 Year High Yield BB, and 5% Credit Suisse Leveraged Loan Index.

# **PERFORMANCE DETAIL**

	Allocation			Performance (%)						
	Market Value (\$)	% of Portfolio	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
U.S. Equity Composite	206,458,894	21.3	8.7	21.0	8.3	12.3	10.5		10.5	Sep-16
CRSP U.S. Total Market TR Index			<u>12.1</u>	<u> 26.0</u>	<u>8.4</u>	<u>15.1</u>	<u>12.8</u>		<u>12.8</u>	
Over/Under			-3.4	-5.0	-0.1	-2.8	-2.3		-2.3	
eV All US Equity Rank			89	40	47	59	49		53	
Vanguard Total Stock Market Fund	101,921,010	10.5	12.2	26.0	8.4	15.1	12.7		12.6	Sep-16
CRSP U.S. Total Market TR Index			<u>12.1</u>	<u> 26.0</u>	<u>8.4</u>	<u>15.1</u>	<u>12.8</u>		<u>12.8</u>	
Over/Under			0.1	0.0	0.0	0.0	-0.1		-0.2	
All Cap Rank			43	25	46	26	28		28	
Parametric Defensive Equity	104,537,884	10.8	5.6	16.9	8.1	9.0			7.3	Feb-17
50% S&P 500/50% 90 Day T-Bill			<u>6.5</u>	<u>15.5</u>	<u>6.4</u>	<u>9.0</u>			<u>7.8</u>	
Over/Under			-0.9	1.4	1.7	0.0			-0.5	
Global Equity Composite	470,677,386	48.6	9.5	20.2	7.7	12.3	10.9	8.7	6.6	May-02
MSCI AC World Index (Net)			<u>11.0</u>	<u>22.2</u>	<u>5.7</u>	<u>11.7</u>	<u>10.0</u>	<u>7.9</u>	<u>7.5</u>	
Over/Under			-1.5	-2.0	2.0	0.6	0.9	0.8	-0.9	
eV Global All Cap Equity Rank			75	43	24	42	34	31	79	
Dodge & Cox	191,888,545	19.8	7.8	20.3	11.0	12.4	9.7	8.2	10.5	Sep-11
MSCI AC World Index Value (Net)			<u>9.2</u>	<u>11.8</u>	<u>7.3</u>	<u>8.2</u>	<u>6.6</u>	<u>5.5</u>	<u>7.2</u>	
Over/Under			-1.4	8.5	3.7	4.2	3.1	2.7	3.3	
Global Large-Stock Value Rank			80	22	14	6	6	7	1	
Walter Scott & Partners	229,806,997	23.7	11.7	23.1	5.5	12.8	12.3	9.6	11.1	Dec-11
MSCI World Growth (Net)			<u>13.3</u>	<u>37.0</u>	<u>5.5</u>	<u>16.0</u>	<u>14.1</u>	<u>10.9</u>	<u>12.4</u>	
Over/Under			-1.6	-13.9	0.0	-3.2	-1.8	-1.3	-1.3	
eV Global All Cap Growth Eq Rank			61	42	11	48	41	38	40	
Vanguard Global Minimum Volatility	48,981,844	5.1	6.7	8.0	4.9	6.4			5.3	Nov-17
MSCI AC World Minimum Volatility Index (Net)			<u>6.5</u>	<u>7.7</u>	<u>3.3</u>	<u>6.5</u>			<u>5.5</u>	
Over/Under			0.2	0.3	1.6	-0.1			-0.2	
eV Global Low Volatility Equity Rank			69	64	53	84			49	



# **CASH FLOW SUMMARY BY MANAGER**

	1 Q	uarter Ending Decer	mber 31, 2023		1 Quarter Ending December 31, 2023												
	Beginning Market Value	Contributions	Withdrawals	Net Cash Flows	Gain/ Loss	Ending Market Value											
C.S. McKee Aggregate Fixed Income	\$175,668,687	-	-	-	\$11,620,410	\$187,289,096											
Chartwell High Yield	\$44,583,306	-	-	-	\$1,821,635	\$46,404,941											
Artistotle Floating Rate Income	\$50,224,318	-	-\$394,478	-\$394,478	\$1,529,034	\$51,358,874											
Wellington LCP Legacy Portfolio	\$12,595	\$93	-\$12	\$81	\$1,000	\$13,676											
Vanguard Total Stock Market Fund	\$90,877,707	-	-	-	\$11,043,304	\$101,921,010											
Parametric Defensive Equity	\$99,034,646	-	-	-	\$5,503,238	\$104,537,884											
Dodge & Cox	\$178,039,659	-	-	-	\$13,848,885	\$191,888,545											
Walter Scott & Partners	\$205,809,057	-	-	-	\$23,997,940	\$229,806,997											
Vanguard Global Minimum Volatility	\$45,889,066	-	-	-	\$3,092,778	\$48,981,844											
Money Market	\$1,190,179	\$431,099	-\$21,717	\$409,382	\$19,516	\$1,619,077											
Vanguard Treasury Money Market	\$3,755,585	\$7,234,637	-\$7,093,225	\$141,412	\$24,657	\$3,921,653											
Total	\$895,084,806	\$7,665,830	-\$7,509,433	\$156,396	\$72,502,397	\$967,743,598											



### **RETURN SUMMARY VS. PEER UNIVERSE**

#### **Total Fund Composite vs. InvMetrics Healthcare DB Plans** 36.0 28.0 20.0 12.0 4.0 Return -4.0 -12.0 -20.0 -28.0 -36.0 2021 2020 2019 2018 2017 2016 2015 2014 2023 2022 Total Fund Composite 16.3 (7) -11.9 (20) 13.4 (17) 11.0 (78) 19.5 (43) -3.7 (17) 15.9 (37) 4.2 (79) 7.1 (55) -2.0 (50) -1.4 (35) ▲ Policy Index -13.9 (32) 12.6 (25) 11.7 (68) 19.6 (42) -4.7 (37) 15.2 (49) 6.2 (74) 4.1 (80) 15.7 (7) 17.9 5th Percentile -7.1 16.2 18.9 23.6 -2.1 18.1 9.9 0.5 12.5 1st Quartile -12.5 20.9 13.6 12.5 15.6 -4.1 16.4 8.4 -1.0 8.2 Median 11.3 -15.6 13.0 19.1 -5.4 15.2 7.3 5.6 9.4 -2.0 3rd Quartile 9.3 -19.8 17.0 -6.5 13.7 -2.8 4.3 6.6 11.1 6.1 95th Percentile 7.2 -23.8 0.2 7.7 13.0 -7.4 9.4 4.2 -4.0 1.8 Population 72 112 158 175 151 144 156 154 148 138



# **RISK STATISTICS - 3 YEAR**

	3 Ye	ears Ending De	cember 31,	2023				
	Return	Standard Deviation	Alpha	Sharpe Ratio	Sortino Ratio	Tracking Error	Up Capture	Down Capture
Fixed Income Composite	-1.0	5.8	0.2	-0.5	-0.7	0.5	99.4	97.0
Custom Index	-1.2	5.9	0.0	-0.5	-0.7	0.0	100.0	100.0
C.S. McKee Aggregate Fixed Income	-3.3	7.4	0.1	-0.7	-0.9	0.7	100.6	99.8
Blmbg. U.S. Aggregate Index	-3.3	7.2	0.0	-0.7	-0.9	0.0	100.0	100.0
Chartwell High Yield	2.4	4.3	-0.6	0.1	0.1	0.7	95.0	104.1
ICE BofA U.S. High Yield Cash Pay BB 1-3 Year	2.9	4.1	0.0	0.2	0.3	0.0	100.0	100.0
Artistotle Floating Rate Income	5.6	3.9	-0.2	0.9	1.3	0.8	99.7	101.0
Credit Suisse Leveraged Loan Index	5.6	3.7	0.0	1.0	1.4	0.0	100.0	100.0
Wellington LCP Legacy Portfolio	-1.7	25.6	5.2	0.0	0.0	25.3	82.6	39.3
Blmbg. Global Aggregate	-5.5	8.8	0.0	-0.9	-1.0	0.0	100.0	100.0
U.S. Equity Composite	8.3	13.8	1.5	0.5	0.7	4.3	80.5	75.0
CRSP U.S. Total Market TR Index	8.4	17.7	0.0	0.4	0.6	0.0	100.0	100.0
Vanguard Total Stock Market Fund	8.4	17.7	0.0	0.4	0.6	0.2	99.9	99.9
CRSP U.S. Total Market TR Index	8.4	17.7	0.0	0.4	0.6	0.0	100.0	100.0
Parametric Defensive Equity	8.1	10.2	1.0	0.6	0.9	2.7	115.8	108.5
50% S&P 500/50% 90 Day T-Bill	6.4	8.8	0.0	0.5	0.8	0.0	100.0	100.0
Global Equity Composite	7.7	16.2	2.0	0.4	0.6	3.3	105.0	98.3
MSCI AC World Index (Net)	5.7	16.5	0.0	0.3	0.4	0.0	100.0	100.0
Dodge & Cox	11.0	17.8	3.0	0.6	0.9	5.7	118.3	106.3
MSCI AC World Index Value (Net)	7.3	15.5	0.0	0.4	0.6	0.0	100.0	100.0
Walter Scott & Partners	5.5	18.1	0.8	0.3	0.4	7.0	89.8	88.6
MSCI World Growth (Net)	5.5	20.5	0.0	0.3	0.4	0.0	100.0	100.0
, ,								



# **RISK STATISTICS - 3 YEAR**

	Return	Standard Deviation	Alpha	Sharpe Ratio	Sortino Ratio	Tracking Error	Up Capture	Down Capture
Vanguard Global Minimum Volatility	4.9	10.2	2.1	0.3	0.5	3.9	86.9	74.6
MSCI AC World Minimum Volatility Index (Net)	3.3	11.7	0.0	0.1	0.2	0.0	100.0	100.0
Cash Composite	1.6	0.6	-0.2	-1.6	-1.2	0.3	74.6	-11.7
90 Day U.S. Treasury Bill	2.2	0.7	0.0		0.0	0.0	100.0	100.0
Money Market	2.1	0.7	0.0	-0.2	-0.1	0.3	97.2	-17.5
90 Day U.S. Treasury Bill	2.2	0.7	0.0		0.0	0.0	100.0	100.0
Vanguard Treasury Money Market	1.4	0.7	-0.3	-1.7	-1.5	0.5	63.8	-10.0
90 Day U.S. Treasury Bill	2.2	0.7	0.0		0.0	0.0	100.0	100.0

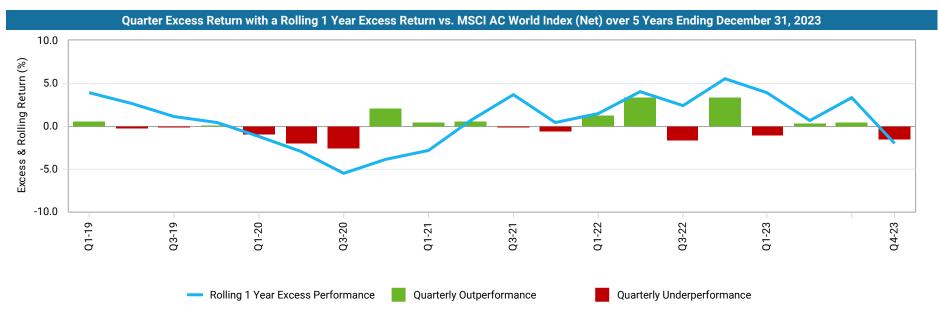


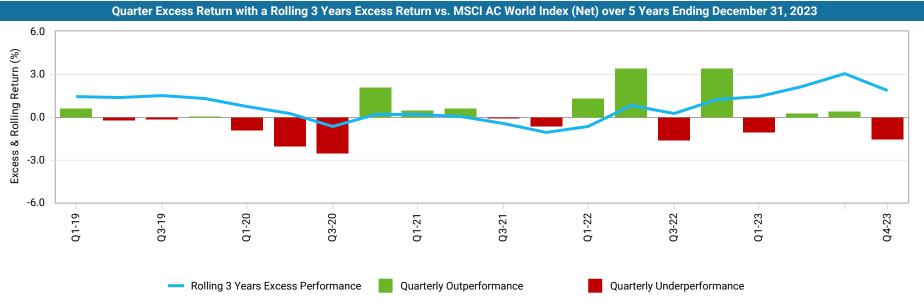
# MHS Retirement Plan FEE SCHEDULE

Account Name	Fee Schedule	Market Value (\$)	% of Portfolio	Estimated Annual Fee (\$)	Estimated Annual Fee (%)
Total Fund Composite		967,743,598	100.0	4,025,019	0.4
C.S. McKee Aggregate Fixed Income	0.20 % of First \$100 M 0.15 % of Next \$100 M 0.12 % Thereafter	187,289,096	19.4	330,934	0.2
Chartwell High Yield	0.50 % of First \$20 M 0.40 % of Next \$30 M 0.30 % Thereafter	46,404,941	4.8	205,620	0.4
Artistotle Floating Rate Income	0.71 % of Assets	51,358,874	5.3	364,648	0.7
Wellington LCP Legacy Portfolio		13,676	0.0		
Vanguard Total Stock Market Fund	0.05 % of Assets	101,921,010	10.5	50,961	0.1
Parametric Defensive Equity	0.33 % of Assets	104,537,884	10.8	339,748	0.3
Dodge & Cox	0.65 % of Assets	191,888,545	19.8	1,247,276	0.7
Walter Scott & Partners	0.75 % of First \$100 M 0.50 % Thereafter	229,806,997	23.7	1,399,035	0.6
Vanguard Global Minimum Volatility	0.17 % of Assets	48,981,844	5.1	83,269	0.2
Money Market		1,619,077	0.2		
Vanguard Treasury Money Market		3,921,653	0.4	3,529	0.1



# **GLOBAL EQUITY COMPOSITE**



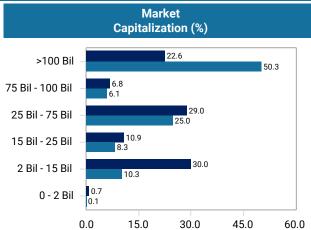




### **VANGUARD GLOBAL MINIMUM VOLATILITY**

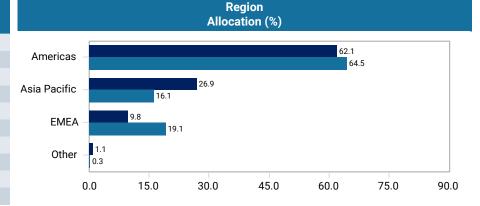
#### Vanguard Global Minimum Volatility vs. MSCI AC World Index (Net)

Characteristics			
	Portfolio	Benchmark	
Price/Earnings ratio	18.6	18.9	
Price/Book ratio	3.2	3.5	
Current Yield (%)	2.4	2.1	
Wtd. Avg. Mkt. Cap \$B	88	463	
Median Mkt. Cap \$B	11	13	
Number of Stocks	270	2,921	
5 Yr. EPS Growth Rate (%)	11.3	14.8	
5 fl. EPS Glowth Rate (%)	11.3	14.0	





Top Holdings			
	Weight (%)		
Republic Services Inc.	1.8		
International Business	1.8		
Waste Management Inc.	1.8		
McDonald's Corp	1.7		
Amgen Inc	1.7		
Cencora Inc	1.6		
Lockheed Martin Corp	1.6		
Merck & Co Inc	1.6		
SoftBank Corp	1.6		
Gilead Sciences Inc	1.6		



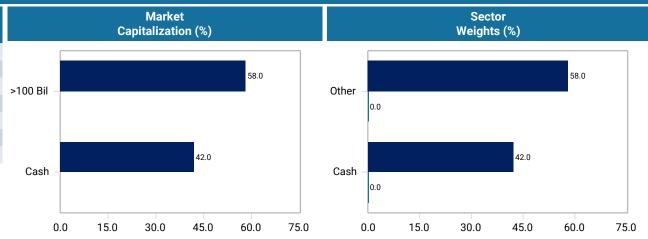
	Top Contributo	rs	
	Weight	Return	Contribution
Itau Unibanco Holding SA	1.1	30.7	0.3
International Business	1.7	17.9	0.3
Waste Management Inc.	1.6	18.0	0.3
Republic Services Inc.	1.7	16.1	0.3
Taiwan Semiconductor	1.1	20.2	0.2

Top De	tractors		
	Weight	Return	Contribution
Akero Therapeutics Inc	0.3	-53.8	-0.2
East Buy Holding Limited	0.4	-24.5	-0.1
Hormel Foods Corp	0.7	-14.8	-0.1
Cisco Systems Inc	1.7	-5.3	-0.1
Zte Corp	0.2	-26.0	-0.1

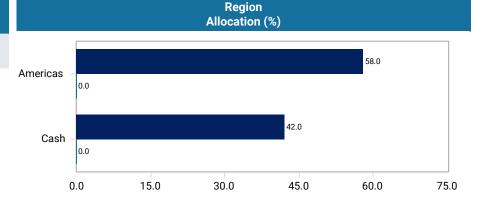


# **PARAMETRIC DEFENSIVE EQUITY**

#### Parametric Defensive Equity vs. 50% S&P 500/50% 90 Day T-Bill **Characteristics** Portfolio Benchmark Price/Earnings ratio 0.0 Price/Book ratio 0.0 Current Yield (%) 1.4 0.0 232 Wtd. Avg. Mkt. Cap \$B Median Mkt. Cap \$B 400 **Number of Stocks** 0 5 Yr. EPS Growth Rate (%) 0.0



Top Holdings			
	Weight (%)		
iShares Core S&P 500 ETF	58.0		
% of Portfolio	58.0		



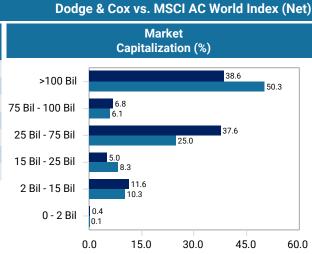
	Top Contributo	rs	
	Weight	Return	Contribution
iShares Core S&P 500 ETF	53.3	11.7	6.2

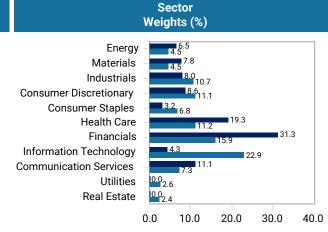
	Top Detractors	;	
	Weight	Return	Contribution
iShares Core S&P 500 ETF	53.3	11.7	6.2



# MHS Retirement Plan DODGE & COX

#### **Characteristics** Portfolio Benchmark Price/Earnings ratio 12.4 18.9 3.5 Price/Book ratio 2.2 Current Yield (%) 1.8 2.1 224 Wtd. Avg. Mkt. Cap \$B 463 53 Median Mkt. Cap \$B 13 **Number of Stocks** 2,921 86 5 Yr. EPS Growth Rate (%) 14.1 14.8





Top Holdings			
	Weight (%)		
Alphabet Inc	3.6		
Sanofi	3.2		
GSK plc	2.9		
Schwab (Charles) Corp	2.8		
Comcast Corp	2.5		
Charter Communications Inc	2.3		
Occidental Petroleum Corp	2.3		
Banco Santander SA	2.2		
BNP Paribas	2.2		
Suncor Energy Inc.	2.2		



Тор С	ontributors		
	Weight	Return	Contribution
UBS Group AG	2.3	25.4	0.6
Schwab (Charles) Corp	1.8	25.9	0.5
Itau Unibanco Holding SA	1.2	29.9	0.4
Microsoft Corp	1.8	19.3	0.4
Bank of New York Mellon Corp (The)	1.4	23.3	0.3

	Top Detractors		
	Weight	Return	Contribution
Charter Communications Inc	2.7	-11.6	-0.3
Occidental Petroleum Corp	2.8	-7.7	-0.2
Sanofi	3.5	-5.6	-0.2
Bayer AG	0.8	-22.6	-0.2
Ovintiv Inc	2.5	-7.0	-0.2

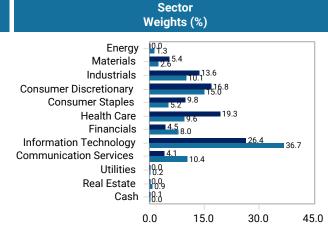


Walter Scott & Partners vs. MSCI World Growth (Net)

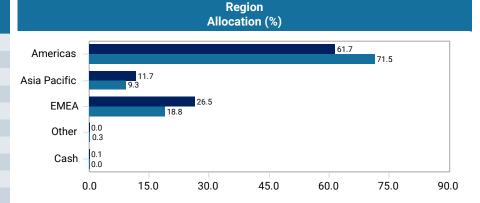
# **WALTER SCOTT & PARTNERS**

#### **Characteristics** Portfolio Benchmark Price/Earnings ratio 29.7 30.3 Price/Book ratio 7.0 6.6 Current Yield (%) 1.2 0.9 Wtd. Avg. Mkt. Cap \$B 316 862 Median Mkt. Cap \$B 107 19 **Number of Stocks** 47 683 5 Yr. EPS Growth Rate (%) 16.7 19.5





Top Holdings			
	Weight (%)		
Microsoft Corp	4.2		
Novo Nordisk A/S	4.2		
Adobe Inc	3.4		
TJX Companies Inc (The)	3.2		
Alimentation Couche-Tard Inc	3.2		
Mastercard Inc	3.0		
Alphabet Inc	3.0		
Taiwan Semiconductor	2.9		
Linde Plc	2.8		
LVMH Moet Hennessy Louis	2.8		



Top Contributors			
	Weight	Return	Contribution
Shin-Etsu Chemical Co Ltd	2.0	44.2	0.9
Microsoft Corp	4.0	19.3	0.8
Novo Nordisk A/S	4.6	13.2	0.6
Adobe Inc	3.3	17.0	0.6
Taiwan Semiconductor	2.7	20.2	0.5

Top Detractors			
	Weight	Return	Contribution
West Pharmaceutical Services Inc.	2.7	-6.1	-0.2
Cisco Systems Inc	2.3	-5.3	-0.1
Automatic Data Processing Inc	2.9	-2.6	-0.1
Lonza Group AG	0.8	-9.7	-0.1
Old Dominion Freight Line Inc	2.1	-0.8	0.0



#### **VANGUARD TOTAL STOCK MARKET FUND**

#### 

1

3.687

16.6

1

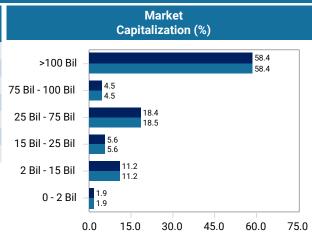
3,689

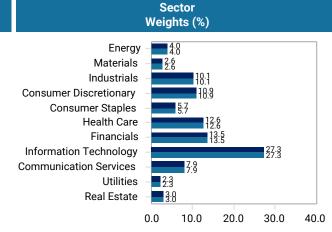
16.6

Median Mkt. Cap \$B

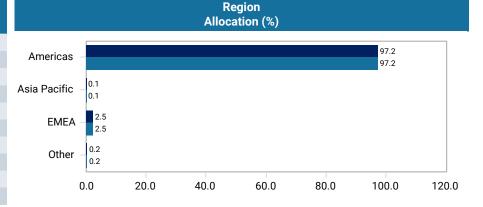
5 Yr. EPS Growth Rate (%)

Number of Stocks





Top Holdings			
	Weight (%)		
Apple Inc	6.1		
Microsoft Corp	6.0		
Amazon.com Inc	3.1		
NVIDIA Corporation	2.5		
Alphabet Inc	1.8		
Meta Platforms Inc	1.7		
Alphabet Inc	1.5		
Tesla Inc	1.5		
Berkshire Hathaway Inc	1.4		
Eli Lilly and Co	1.1		



	Top Contribute	ors	
	Weight	Return	Contribution
Microsoft Corp	5.6	19.3	1.1
Apple Inc	6.1	12.6	0.8
Amazon.com Inc	2.8	19.5	0.6
NVIDIA Corporation	2.5	13.9	0.3
Broadcom Inc	0.8	35.0	0.3

	Top Detractors		
	Weight	Return	Contribution
Exxon Mobil Corp	1.1	-14.2	-0.2
Chevron Corp	0.7	-10.6	-0.1
Pfizer Inc	0.4	-12.0	-0.1
Bristol-Myers Squibb Co	0.3	-10.7	0.0
Cisco Systems Inc	0.5	-5.3	0.0

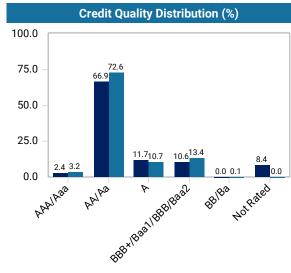


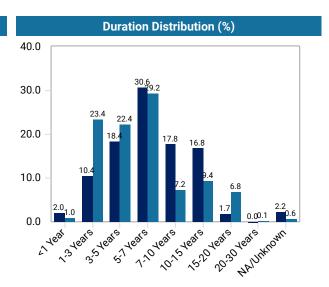
MHS Retirement Plan

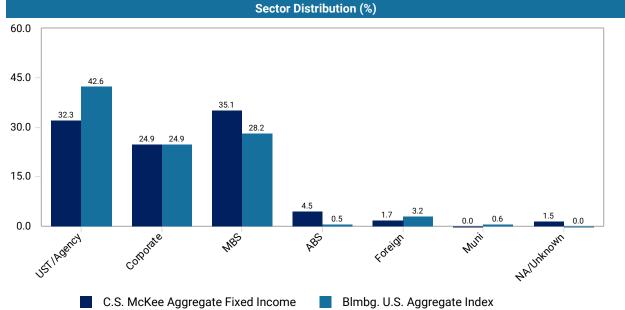
December 31, 2023

#### C.S. MCKEE AGGREGATE FIXED INCOME

	Fund	Index
Portfolio Characteristics		
Avg. Maturity	9.0	8.4
Avg. Quality	AA	AA
Effective Duration	6.0	6.1
Yield To Maturity (%)	4.9	4.5
Quality Breakdown		
AAA/Aaa	2.4	3.2
AA/Aa	66.9	72.6
Α	11.7	10.7
BBB+/Baa1/BBB/Baa2	10.6	13.4
BB/Ba		0.1
Not Rated	8.4	
Duration Breakdown		
<1 Year	2.0	1.0
1-3 Years	10.4	23.4
3-5 Years	18.4	22.4
5-7 Years	30.6	29.2
7-10 Years	17.8	7.2
10-15 Years	16.8	9.4
15-20 Years	1.7	6.8
20-30 Years		0.1
NA/Unknown	2.2	0.6
Sectors Allocation Breakdown		
UST/Agency	32.3	42.6
Corporate	24.9	24.9
MBS	35.1	28.2
ABS	4.5	0.5
Foreign	1.7	3.2
Muni		0.6
NA/Unknown	1.5	



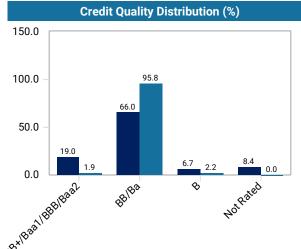


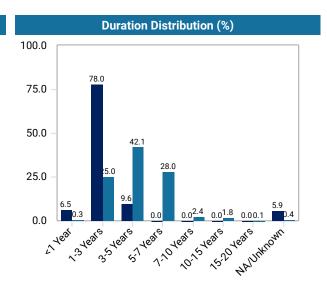




## **CHARTWELL HIGH YIELD**

Portfolio Characteristics           Avg. Maturity         2.2         5.4           Avg. Quality         BB         BB           Effective Duration         1.5         4.2           Yield To Maturity (%)         5.9         6.4           Quality Breakdown         888+Baa1/BBB/Baa2         19.0         1.9           BB/Ba         66.0         95.8         95.8           B         6.7         2.2           Not Rated         8.4         8.4           Duration Breakdown         41 Year         6.5         0.3           1-3 Years         78.0         25.0           3-5 Years         9.6         42.1           5-7 Years         28.0		Fund	Index
Avg. Quality       BB       BB         Effective Duration       1.5       4.2         Yield To Maturity (%)       5.9       6.4         Quality Breakdown         BBB+/Baa1/BBB/Baa2       19.0       1.9         BB/Ba       66.0       95.8         B       6.7       2.2         Not Rated       8.4         Duration Breakdown         <1 Year	Portfolio Characteristics		
Effective Duration 1.5 4.2 Yield To Maturity (%) 5.9 6.4  Quality Breakdown  BBB+/Baa1/BBB/Baa2 19.0 1.9 BB/Ba 66.0 95.8 B 6.7 2.2 Not Rated 8.4  Duration Breakdown <1 Year 6.5 0.3 1-3 Years 78.0 25.0 3-5 Years 9.6 42.1	Avg. Maturity	2.2	5.4
Yield To Maturity (%)       5.9       6.4         Quality Breakdown       BBB+/Baa1/BBB/Baa2       19.0       1.9         BBB/Ba       66.0       95.8       B         B       6.7       2.2         Not Rated       8.4         Duration Breakdown       Company of the property	Avg. Quality	BB	BB
Quality Breakdown       BBB+/Baa1/BBB/Baa2     19.0     1.9       BB/Ba     66.0     95.8       B     6.7     2.2       Not Rated     8.4       Duration Breakdown       <1 Year	Effective Duration	1.5	4.2
BBB+/Baa1/BBB/Baa2       19.0       1.9         BB/Ba       66.0       95.8         B       6.7       2.2         Not Rated       8.4         Duration Breakdown         <1 Year	Yield To Maturity (%)	5.9	6.4
BB/Ba 66.0 95.8 B 6.7 2.2 Not Rated 8.4  Duration Breakdown <1 Year 6.5 0.3 1-3 Years 78.0 25.0 3-5 Years 9.6 42.1	Quality Breakdown		
B 6.7 2.2 Not Rated 8.4  Duration Breakdown <1 Year 6.5 0.3 1-3 Years 78.0 25.0 3-5 Years 9.6 42.1	BBB+/Baa1/BBB/Baa2	19.0	1.9
Not Rated 8.4  Duration Breakdown <1 Year 6.5 0.3 1-3 Years 78.0 25.0 3-5 Years 9.6 42.1	BB/Ba	66.0	95.8
Duration Breakdown       <1 Year	В	6.7	2.2
<1 Year	Not Rated	8.4	
1-3 Years 78.0 25.0 3-5 Years 9.6 42.1	Duration Breakdown		
3-5 Years 9.6 42.1	<1 Year	6.5	0.3
	1-3 Years	78.0	25.0
5-7 Years 28.0	3-5 Years	9.6	42.1
	5-7 Years		28.0
7-10 Years 2.4	7-10 Years		2.4
10-15 Years 1.8	10-15 Years		1.8
15-20 Years 0.1	15-20 Years		0.1
NA/Unknown 5.9 0.4	NA/Unknown	5.9	0.4
Sectors Allocation Breakdown	Sectors Allocation Breakdown		
Corporate 94.1 99.9	Corporate	94.1	99.9
ABS 0.0	ABS		0.0
Cash 5.7	Cash	5.7	
NA/Unknown 0.2	NA/Unknown	0.2	





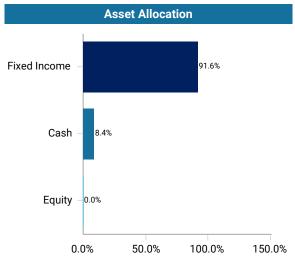




## **ARTISTOTLE FLOATING RATE INCOME**

#### **Fund Investment Policy**

The investment seeks a high level of current income.



Fund Name :
Fund Family :
Ticker:
Inception Date
Portfolio Turn

nd Name :	Aristotle Floating Rate Income I	

Fund Family: Aristotle Funds
Ticker: PLFRX
Inception Date: Jun-11
Portfolio Turnover: 66%

### **Fund Information**

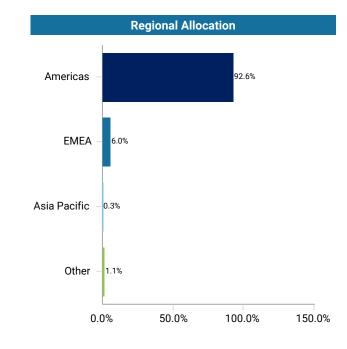
Portfolio Assets: \$1,497 Million

Portfolio Manager: Leasure,J/Marzouk,M

PM Tenure: 12 Years 6 Months

Fund Assets: \$3,692 Million

Top Ten Securities	
Hub International 6/23 T/L	2.8 %
Titan Acquisition T/L (Husky Ims)	2.8 %
Sunshine Luxembourg T/L B-3 (Nestle	2.6 %
Transdigm T/L H	2.1 %
Realpage (Project Royal) 2nd Lien	2.0 %
Allied Universal T/L (5/23)	1.9 %
Acrisure Incremental T/L (11/21)	1.8 %
Dynasty Acquisition T/L B-1 8/23	1.8 %
CROSBY U.S. T/L (10/22)	1.6 %
Ultimate Software T/L	1.5 %
Total	20.9 %





# **COMPOSITE PERFORMANCE DETAIL**

	Allocat	ion					Perf	ormance	e (%)				
	Market Value (\$)	% of Portfolio	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
<b>Total Fund Composite</b>	967,743,598	100.0	16.3	-11.9	13.4	11.0	19.5	-3.7	15.9	7.1	-2.0	4.2	12.8
Policy Index			<u>15.7</u>	<u>-13.9</u>	<u>12.6</u>	<u>11.7</u>	<u> 19.6</u>	<u>-4.7</u>	<u>15.2</u>	<u>6.2</u>	<u>-1.4</u>	<u>4.1</u>	<u>12.8</u>
Over/Under			0.6	2.0	0.8	-0.7	-0.1	1.0	0.7	0.9	-0.6	0.1	0.0
InvMetrics Healthcare DB Plans Rank			7	20	17	78	43	17	37	55	50	79	61
Fixed Income Composite	285,066,588	29.5	7.5	-9.5	-0.2	6.3	8.6	-0.6	4.5	3.1	-0.7	4.0	-1.4
Custom Index			<u>7.1</u>	<u>-10.0</u>	<u>0.1</u>	<u>6.7</u>	<u>8.7</u>	<u>0.5</u>	<u>4.9</u>	<u>2.5</u>	<u>-0.7</u>	<u>4.1</u>	<u>-2.2</u>
Over/Under			0.4	0.5	-0.3	-0.4	-0.1	-1.1	-0.4	0.6	0.0	-0.1	8.0
eV All US Fixed Inc Rank			33	52	53	47	46	68	40	50	75	50	68
U.S. Equity Composite	206,458,894	21.3	21.0	-13.8	21.8	13.6	23.5	-4.1	17.8				
CRSP U.S. Total Market TR Index			<u> 26.0</u>	<u>-19.5</u>	<u>25.7</u>	<u>21.0</u>	<u> 30.8</u>	<u>-5.2</u>	<u>21.2</u>				
Over/Under			-5.0	5.7	-3.9	-7.4	-7.3	1.1	-3.4				
eV All US Equity Rank			40	39	70	55	78	29	56				
Global Equity Composite	470,677,386	48.6	20.2	-12.8	19.0	12.4	27.1	-6.2	23.6	8.7	-2.6	5.0	20.8
MSCI AC World Index (Net)			<u>22.2</u>	<u>-18.4</u>	<u>18.5</u>	<u>16.3</u>	<u> 26.6</u>	<u>-9.4</u>	<u>24.0</u>	<u>7.9</u>	<u>-2.4</u>	<u>4.2</u>	<u>22.8</u>
Over/Under			-2.0	5.6	0.5	-3.9	0.5	3.2	-0.4	8.0	-0.2	0.8	-2.0
eV Global All Cap Equity Rank			43	29	41	65	48	23	54	30	69	31	75



	Allocation				Performance (%)								
	Market Value (\$)	% of Portfolio	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Total Fund Composite	967,743,598	100.0	16.3	-11.9	13.4	11.0	19.5	-3.7	15.9	7.1	-2.0	4.2	12.8
Policy Index			<u>15.7</u>	<u>-13.9</u>	<u>12.6</u>	<u>11.7</u>	<u> 19.6</u>	<u>-4.7</u>	<u>15.2</u>	<u>6.2</u>	<u>-1.4</u>	<u>4.1</u>	<u>12.8</u>
Over/Under			0.6	2.0	8.0	-0.7	-0.1	1.0	0.7	0.9	-0.6	0.1	0.0
InvMetrics Healthcare DB Plans Rank			7	20	17	78	43	17	37	55	50	79	61
Fixed Income Composite	285,066,588	29.5	7.5	-9.5	-0.2	6.3	8.6	-0.6	4.5	3.1	-0.7	4.0	-1.4
Custom Index			<u>7.1</u>	<u>-10.0</u>	<u>0.1</u>	<u>6.7</u>	<u>8.7</u>	<u>0.5</u>	<u>4.9</u>	<u>2.5</u>	<u>-0.7</u>	<u>4.1</u>	<u>-2.2</u>
Over/Under			0.4	0.5	-0.3	-0.4	-0.1	-1.1	-0.4	0.6	0.0	-0.1	0.8
eV All US Fixed Inc Rank			33	52	53	47	46	68	40	50	75	50	68
C.S. McKee Aggregate Fixed Income	187,289,096	19.4	5.9	-12.9	-1.8	7.6	8.9						
Blmbg. U.S. Aggregate Index			<u>5.5</u>	<u>-13.0</u>	<u>-1.5</u>	<u>7.5</u>	<u>8.7</u>						
Over/Under			0.4	0.1	-0.3	0.1	0.2						
eV US Core Fixed Inc Rank			53	43	75	73	52						
Chartwell High Yield	46,404,941	4.8	8.1	-3.0	2.3	4.2	7.0	0.7					
ICE BofA U.S. High Yield Cash Pay BB 1-3 Year			<u>8.9</u>	<u>-3.1</u>	<u>3.2</u>	<u>5.4</u>	<u>8.7</u>	<u>1.3</u>					
Over/Under			-0.8	0.1	-0.9	-1.2	-1.7	-0.6					
High Yield Bond Rank			97	5	96	73	96	4					
Artistotle Floating Rate Income	51,358,874	5.3	13.4	-0.8	4.6	1.6	8.3						
Credit Suisse Leveraged Loan Index			<u>13.0</u>	<u>-1.1</u>	<u>5.4</u>	<u>2.8</u>	<u>8.2</u>						
Over/Under			0.4	0.3	-0.8	-1.2	0.1						
Bank Loan Rank			22	17	39	61	46						
Wellington LCP Legacy Portfolio	13,676	0.0											

<sup>\*</sup>Custom Index consist of 71.4% Bloomberg U.S. Aggregate,14.3% BofA Merrill Lynch 1-3 Yrs High Yield BB, and 14.3% Credit Suisse Leveraged Loan Index.



<sup>\*</sup>All data prior to 5/2023 was received from Marquette Associates.

<sup>\*</sup>Policy Index consist of 40% MSCI ACWI, 5% MSCI ACWI Minimum Volatility, 25% Barclays U.S. Aggregate, 10% CRSP US Total Market Index, 10% CBOE Put Write Index, 5% BofAML 1-3 Year High Yield BB, and 5% Credit Suisse Leveraged Loan Index.

	Allocation				Performance (%)								
	Market Value (\$)	% of Portfolio	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
U.S. Equity Composite	206,458,894	21.3	21.0	-13.8	21.8	13.6	23.5	-4.1	17.8				
CRSP U.S. Total Market TR Index			<u> 26.0</u>	<u>-19.5</u>	<u>25.7</u>	<u>21.0</u>	<u>30.8</u>	<u>-5.2</u>	<u>21.2</u>				
Over/Under			-5.0	5.7	-3.9	-7.4	-7.3	1.1	-3.4				
eV All US Equity Rank			40	39	70	55	78	29	56				
Vanguard Total Stock Market Fund	101,921,010	10.5	26.0	-19.5	25.7	21.0	30.7	-5.2	21.2				
CRSP U.S. Total Market TR Index			<u>26.0</u>	<u>-19.5</u>	<u>25.7</u>	<u>21.0</u>	<u>30.8</u>	<u>-5.2</u>	<u>21.2</u>				
Over/Under			0.0	0.0	0.0	0.0	-0.1	0.0	0.0				
All Cap Rank			25	62	47	35	36	38	42				
Parametric Defensive Equity	104,537,884	10.8	16.9	-7.7	17.2	5.0	16.0	-2.9					
50% S&P 500/50% 90 Day T-Bill			<u>15.5</u>	<u>-8.2</u>	<u>13.7</u>	<u>10.1</u>	<u>16.3</u>	<u>-1.0</u>					
Over/Under			1.4	0.5	3.5	-5.1	-0.3	-1.9					
Global Equity Composite	470,677,386	48.6	20.2	-12.8	19.0	12.4	27.1	-6.2	23.6	8.7	-2.6	5.0	20.8
MSCI AC World Index (Net)			<u>22.2</u>	<u>-18.4</u>	<u>18.5</u>	<u>16.3</u>	<u> 26.6</u>	<u>-9.4</u>	<u>24.0</u>	<u>7.9</u>	<u>-2.4</u>	<u>4.2</u>	<u>22.8</u>
Over/Under			-2.0	5.6	0.5	-3.9	0.5	3.2	-0.4	0.8	-0.2	0.8	-2.0
eV Global All Cap Equity Rank			43	29	41	65	48	23	54	30	69	31	75
Dodge & Cox	191,888,545	19.8	20.3	-5.8	20.8	6.0	23.8	-12.6	21.5	17.1	-8.0	7.0	33.2
MSCI AC World Index Value (Net)			<u>11.8</u>	<u>-7.5</u>	<u> 19.6</u>	<u>-0.3</u>	<u> 20.6</u>	<u>-10.8</u>	<u>18.3</u>	<u>12.6</u>	<u>-6.3</u>	<u>2.9</u>	<u>22.4</u>
Over/Under			8.5	1.7	1.2	6.3	3.2	-1.8	3.2	4.5	-1.7	4.1	10.8
Global Large-Stock Value Rank			22	35	34	44	31	71	28	7	94	16	13
Walter Scott & Partners	229,806,997	23.7	23.1	-19.6	18.7	18.9	30.5	-2.3	26.1	6.5	8.0	3.8	20.8
MSCI World Growth (Net)			<u>37.0</u>	<u>-29.2</u>	<u>21.2</u>	<u>33.8</u>	<u>33.7</u>	<u>-6.7</u>	<u>28.0</u>	<u>2.8</u>	<u>3.1</u>	<u>6.1</u>	<u> 26.7</u>
Over/Under			-13.9	9.6	-2.5	-14.9	-3.2	4.4	-1.9	3.7	-2.3	-2.3	-5.9
eV Global All Cap Growth Eq Rank			42	18	22	91	56	19	73	15	62	34	76
Vanguard Global Minimum Volatility	48,981,844	5.1	8.0	-4.5	12.0	-3.9	22.7	-1.7					
MSCI AC World Minimum Volatility Index (Net)			<u>7.7</u>	<u>-10.3</u>	<u>13.9</u>	<u>2.7</u>	<u>21.1</u>	<u>-1.6</u>					
Over/Under			0.3	5.8	-1.9	-6.6	1.6	-0.1					
eV Global Low Volatility Equity Rank			64	9	80	81	26	7					





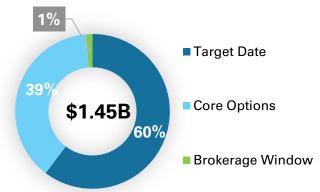
**MEMORIAL** HEALTHCARE **SYSTEM DEFINED** CONTRIBUTION **PLANS** 

Q4 2023

## **EXECUTIVE SUMMARY**

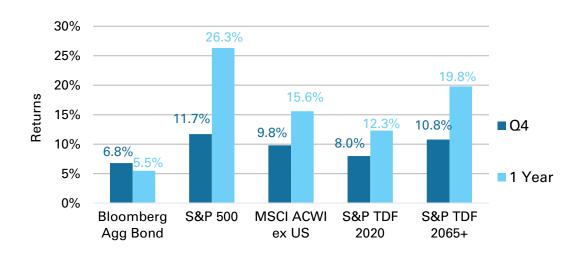
## AS OF DECEMBER 31, 2023

Beginning Period Assets (10/1/2023)	\$1.34 billion
End Period Assets (12/31/2023)	\$1.45 billion



Assets inclusive of Memorial Health's Defined Contribution Plans

# Capital Market Performance Summary Indexes Common to DC Plans



### Manager Due Diligence

There were several manager announcements from your DC Plan managers this quarter, as summarized in the Due Diligence Events Summary of this report.

No Plan investments currently have NEPC Status advisements.

### Recent Actions | Recommendations

At the January 2023 meeting, several recommendations were approved – NEPC and MHS are working with Transamerica to complete the transition (Target Q2 2024).

Today, NEPC is recommending adding the latest target date fund vintage to the lineup of JPMorgan SmartRetirement Funds across plans.



## TARGET DATE FUND RECOMMENDATION

### JPMORGAN SMARTRETIREMENT BLEND FUNDS

- JPMorgan SmartRetirement Blend 2065 Fund (JSBYX) is the latest vintage offered by JPMorgan and was launched in November 2022
- The 2065 vintage is a natural progression of the target date series, and would serve as the optimal allocation for participants born in 1999 and later

### JPMorgan SmartRetirement Target Date Funds Age Default Chart

	Transamerica Year in which Participant turns 65					
JP Morgan SmartRetirement Blend 2065	1/1/2064	and later				
JP Morgan SmartRetirement Blend 2060	1/1/2059	12/31/2063				
JP Morgan SmartRetirement Blend 2055	1/1/2054	12/31/2058				
JP Morgan SmartRetirement Blend 2050	1/1/2049	12/31/2053				
JP Morgan SmartRetirement Blend 2045	1/1/2044	12/31/2048				
JP Morgan SmartRetirement Blend 2040	1/1/2039	12/31/2043				
JP Morgan SmartRetirement Blend 2035	1/1/2034	12/31/2038				
JP Morgan SmartRetirement Blend 2030	1/1/2029	12/31/2033				
JP Morgan SmartRetirement Blend 2025	1/1/2024	12/31/2028				
JP Morgan SmartRetirement Blend 2020	1/1/2019	12/31/2023				
JP Morgan SmartRetirement Blend Income	12/31/2018	and earlier				



# TARGET DATE FUND RECOMMENDATION

### JPMORGAN SMARTRETIREMENT BLEND FUNDS

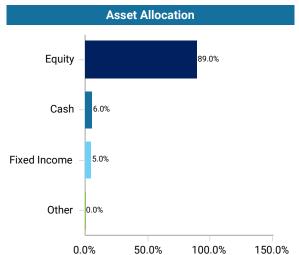
- NEPC is recommending the addition of the 2065 Target Date vintage to the suite of target date funds across MHS Defined Contribution Plans
- As new series of funds are rolled out, and if administratively feasible, it is best practice to add them and offer the full suite of target date funds to plan participants
- If approved, NEPC and MHS will work with Transamerica to coordinate the addition of the JPMorgan SmartRetirement Blend 2065 Fund to the plans
  - Targeted timeline as soon as administratively feasible



## JPMORGAN SMARTRETIREMENT® BLEND 2065 R6

#### **Fund Investment Policy**

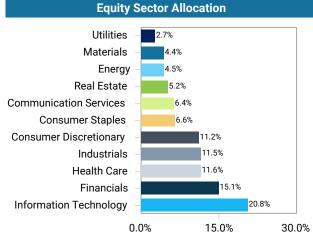
The investment seeks high total return with a shift to current income and some capital appreciation over time as the fund approaches and passes the target retirement date.

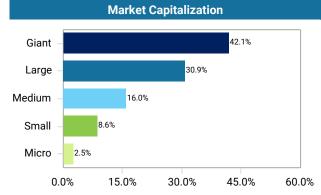


Top Ten Securities	
JPMorgan Equity Index R6	44.3 %
JPMorgan BetaBuilders Intl Eq ETF	23.7 %
SPDR® S&P MIDCAP 400 ETF Trust	6.5 %
iShares Russell 2000 ETF	5.5 %
JPMorgan BetaBuilders Emerging	4.4 %
Jpmorgan Us Govt Mmkt Fun	4.4 %
JPMorgan Emerging Mkts Rsrch Enh	3.3 %
JPMorgan Core Plus Bond R6	2.6 %
JPMorgan BetaBuilders MSCI US REIT	1.9 %
JPMorgan Core Bond R6	0.9 %
Total	97.4 %

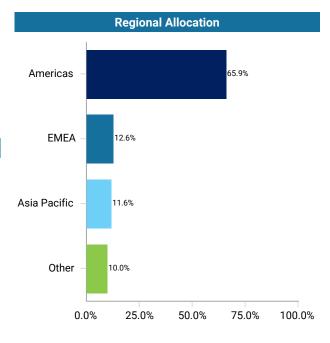
### Fund Information

Fund Name :JPMorgan SmartRetirement® Blend 2065 R6Portfolio Assets :\$16 MillionFund Family :JPMorganPortfolio Manager :Team ManagedTicker :JSBYXPM Tenure :1 Year 1 MonthInception Date :Nov-22Fund Assets :\$16 MillionPortfolio Turnover :29%





To	p 5 Countries
United States	65.9 %
Japan	6.1 %
United Kingdom	3.8 %
France	2.7 %
Switzerland	2.7 %
Total	81.2 %





# **LEGAL & REGULATORY UPDATE**



Proposed Regulation "Fiduciary Rule"

- On October 31, 2023, the Department of Labor (DoL) released a proposed rule "*Retirement Security Proposed Rule and Proposed Amendments to Class Prohibited Transaction Exemptions for Investment Advice Fiduciaries* " (aka *the Fiduciary Rule*) which is the latest attempt to update ERISA's language from 1975 on what constitutes a Fiduciary
- Previous attempts by the DoL have been challenged and struck down and the expectation is that this version of the rule **will be challenged in court** (which is what happened when the last "new" fiduciary rule was vacated by the 5<sup>th</sup> District Court in 2018)
- The DoL had a **60-day public comment period that ended** on 1/2/2024 (that produced over 19,000 written comments) and held two days of hearings in December 2023
- One of the more notable portions of the 277-page proposal is the DoL updating language to ensure that "one time" recommendations on rollovers get classified as a fiduciary activity (current regulation has an exemption for one time advice and classifies fiduciaries as those "providing regular advice")
- The rule is written to be in line with the **SEC "Best Interest"** standard but expands to go beyond SEC regulated mutual funds (i.e. insurance and annuity products which are not covered by the SEC's rule)
- It's important to note that this is in the proposal stage, but the expectation is the DoL will issue a final rule at some point in 2024 in advance of the November elections (which could impact Legislative and Executive Branch support)



# **SECURE 2.0 OPTIONS AVAILABLE IN 2024**



Many additional provisions from SECURE 2.0 are now available in 2024. Since these items require an update to plan documents and/or service agreements, DC plans may want to consider grouping these decisions/changes together.

### **Optional "Contribution" Provisions**

Pension-Related Emergency Savings Accounts (PLESA)



Plans are now able to offer PLESAs to be funded with Roth Contributions (up to \$2,500) into the Plan's Capital Preservation Option

- Limited to participants currently making below \$150,000 (NHCEs)
- Employers may automatically opt NHCEs into emergency savings accounts
- Plans may need to consider the impact to the plan match (if applicable)
- · IRS and DoL guidance is in the early stages and coordination with record keepers is required

**Student Loan Match** 



Employees making "qualified student loan payments" can have those payments matched in retirement plan

· Participants would self-certify their qualified loan payments

**Roth Employer Match** 



<u>Plans can allow participants to choose to have their employer match as a Roth match contribution</u>

- Participant must be fully vested to receive a Roth employer match contribution
- The participant will be responsible for tax payment at the end of the year (1099-R)



This is not a comprehensive list of all provisions in the Act.

# **SECURE 2.0 OPTIONS AVAILABLE IN 2024**

### **Optional "Withdrawal" Provisions**

**Self-Certified Hardships** 



### Plans can elect to allow participants to self-certify their own hardship withdrawal

- Formally this responsibility was borne by record keeper or plan sponsor
- Shifting hardship compliance to the participant could lower record keeping expenses
- · Sponsors would need to be comfortable giving up any formal oversight to misuse

**Emergency Withdrawals** 



### Plans can elect to allow penalty-free withdrawals up to \$1,000 for personal or family expenses

- Participants would self-certify and have the option to repay the distribution for up to three years
- · Emergency withdrawals would be limited to one per year

**Disaster Withdrawals** 



### Plans can elect to allow penalty-free withdrawals up to \$22,000 in FEMA declared disaster areas

- Income taxes can be reported over three years on the distribution
- Formally disaster withdrawals were one-off events that required a plan document update for each disaster

Domestic Abuse Withdrawals



### Plans can elect to allow domestic abuse victims penalty-free withdrawals

- Limited to the lesser of 50% of account balance or \$10,000
- Participants would self-certify and have the option to repay the distribution for up to three years

Small Balance Rollover Limits



### Force-out amount for terminated participants increased from \$5,000 to \$7,000

This change could impact "auto-portability" plans



This is not a comprehensive list of all provisions in the Act.

# **ASSET ALLOCATION**

Asse		

60.4%

10.02% 2.0% 1.1% 7.3% 9.0% 2.6% 1.6% 2.8%

Current

	Current (\$)	Current (%)
■ JPMorgan Target Date Funds	872,871,483	60.4
■ Transamerica Stable Value	398,654	0.0
■ Transamerica Guaranteed Investment Option	147,724,749	10.2
MetWest Total Return Bond (MWTIX)	29,072,786	2.0
Vanguard Inflation Protected Securites Fund (VIPIX)	16,379,532	1.1
American Beacon Large Cap Value Fund (AALRX)	18,981,977	1.3
■ Fidelity Spartan 500 Index (FXAIX)	105,320,930	7.3
■ Neuberger Berman Socially Responsive Investing (NRSRX)	13,486,684	0.9
Vanguard Growth Index Fund Institutional Shares Composite	71,947,029	5.0
■ Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	37,294,647	2.6
Dimensional US Targeted Value Strategy (DFFVX)	23,501,529	1.6
■ T. Rowe Price New Horizons (PRJIX)	40,016,521	2.8
■ Dodge & Cox International (DODFX)	24,612,891	1.7
Vanguard International-Growth (VWILX)	25,712,995	1.8
■ Charles Schwab Personal Choice	18,410,296	1.3
Total Fund Composite	1,445,732,703	100.0



	Total Fund			
	\$	%		
Total Fund Composite	1,221,738,445	100.0		
JP Morgan Target Date Funds	729,508,213	59.7		
JPMorgan SmartRetirement Blend Income (JIYBX)	38,521,467	3.2		
JPMorgan SmartRetirement Blend 2020 (JSYRX)	66,951,010	5.5		
JPMorgan SmartRetirement Blend 2025 (JBYSX)	118,017,222	9.7		
JPMorgan SmartRetirement Blend 2030 (JRBYX)	127,271,344	10.4		
JPMorgan SmartRetirement Blend 2035 (JPYRX)	106,908,746	8.8		
JPMorgan SmartRetirement Blend 2040 (JOBYX)	82,652,091	6.8		
JPMorgan SmartRetirement Blend 2045 (JMYAX)	72,657,003	5.9		
JPMorgan SmartRetirement Blend 2050 (JNYAX)	65,684,825	5.4		
JPMorgan SmartRetirement Blend 2055 (JTYBX)	33,452,273	2.7		
JPMorgan SmartRetirement Blend 2060 (JAAYX)	17,392,232	1.4		
Core Funds	476,446,111	39.0		
Transamerica Stable Value	240,230	0.0		
Transamerica Guaranteed Investment Option	134,734,957	11.0		
MetWest Total Return Bond (MWTIX)	24,854,022	2.0		
Vanguard Inflation Protected Securites Fund (VIPIX)	13,714,147	1.1		
American Beacon Large Cap Value Fund (AALRX)	16,579,057	1.4		
Fidelity Spartan 500 Index (FXAIX)	88,028,118	7.2		
Neuberger Berman Socially Responsive Investing (NRSRX)	11,555,906	0.9		
Vanguard Russell 1000 Growth Index (VIGIX)	58,115,299	4.8		
Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	31,484,797	2.6		
Dimensional US Targeted Value Strategy (DFFVX)	20,315,930	1.7		
T. Rowe Price New Horizons (PRJIX)	33,675,784	2.8		
Dodge & Cox International (DODFX)	21,646,316	1.8		
Vanguard International-Growth (VWILX)	21,501,550	1.8		
Brokerage	15,784,120	1.3		
Charles Schwab Personal Choice	15,784,120	1.3		



	Total Fur	nd
	\$	%
Total Fund Composite	80,823,491	100.0
JPMorgan Target Date Funds	68,157,518	84.3
JPMorgan SmartRetirement Blend Income (JIYBX)	946,275	1.2
JPMorgan SmartRetirement Blend 2020 (JSYRX)	2,076,301	2.6
JPMorgan SmartRetirement Blend 2025 (JBYSX)	4,991,067	6.2
JPMorgan SmartRetirement Blend 2030 (JRBYX)	6,626,597	8.2
JPMorgan SmartRetirement Blend 2035 (JPYRX)	8,928,283	11.0
JPMorgan SmartRetirement Blend 2040 (JOBYX)	9,267,306	11.5
JPMorgan SmartRetirement Blend 2045 (JMYAX)	11,214,185	13.9
JPMorgan SmartRetirement Blend 2050 (JNYAX)	12,123,474	15.0
JPMorgan SmartRetirement Blend 2055 (JTYBX)	8,539,105	10.6
JPMorgan SmartRetirement Blend 2060 (JAAYX)	3,444,925	4.3
Core Funds	12,665,973	15.7
Transamerica Stable Value	154,244	0.2
Transamerica Guaranteed Investment Option	1,154,183	1.4
MetWest Total Return Bond (MWTIX)	427,525	0.5
Vanguard Inflation Protected Securites Fund (VIPIX)	440,453	0.5
American Beacon Large Cap Value Fund (AALRX)	398,432	0.5
Fidelity Spartan 500 Index (FXAIX)	3,228,286	4.0
Neuberger Berman Socially Responsive Investing (NRSRX)	114,089	0.1
Vanguard Russell 1000 Growth Index (VIGIX)	2,057,112	2.5
Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	538,635	0.7
Dimensional US Targeted Value Strategy (DFFVX)	1,089,077	1.3
T. Rowe Price New Horizons (PRJIX)	971,932	1.2
Dodge & Cox International (DODFX)	1,135,142	1.4
Vanguard International-Growth (VWILX)	956,865	1.2
Brokerage		0.0
Charles Schwab Personal Choice		0.0



	Total Fund			
	\$	%		
Total Fund Composite	122,743,806	100.0		
JPMorgan Target Date Funds	57,715,393	47.0		
JPMorgan SmartRetirement Blend Income (JIYBX)	3,228,813	2.6		
JPMorgan SmartRetirement Blend 2020 (JSYRX)	5,037,236	4.1		
JPMorgan SmartRetirement Blend 2025 (JBYSX)	10,380,707	8.5		
JPMorgan SmartRetirement Blend 2030 (JRBYX)	10,479,297	8.5		
JPMorgan SmartRetirement Blend 2035 (JPYRX)	8,717,931	7.1		
JPMorgan SmartRetirement Blend 2040 (JOBYX)	6,601,604	5.4		
JPMorgan SmartRetirement Blend 2045 (JMYAX)	6,533,200	5.3		
JPMorgan SmartRetirement Blend 2050 (JNYAX)	4,814,340	3.9		
JPMorgan SmartRetirement Blend 2055 (JTYBX)	1,498,621	1.2		
JPMorgan SmartRetirement Blend 2060 (JAAYX)	423,643	0.3		
Core Funds	62,402,238	50.8		
Transamerica Stable Value	2,260	0.0		
Transamerica Guaranteed Investment Option	10,972,837	8.9		
MetWest Total Return Bond (MWTIX)	3,761,054	3.1		
Vanguard Inflation Protected Securites Fund (VIPIX)	1,946,028	1.6		
American Beacon Large Cap Value Fund (AALRX)	1,937,418	1.6		
Fidelity Spartan 500 Index (FXAIX)	13,657,202	11.1		
Neuberger Berman Socially Responsive Investing (NRSRX)	1,807,696	1.5		
Vanguard Russell 1000 Growth Index (VIGIX)	10,808,326	8.8		
Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	5,180,492	4.2		
Dimensional US Targeted Value Strategy (DFFVX)	2,096,522	1.7		
T. Rowe Price New Horizons (PRJIX)	5,189,748	4.2		
Dodge & Cox International (DODFX)	1,826,474	1.5		
Vanguard International-Growth (VWILX)	3,216,182	2.6		
Brokerage	2,626,175	2.1		
Charles Schwab Personal Choice	2,626,175	2.1		



	Total Fund			
	\$	%		
Total Fund Composite	20,426,961	100.0		
JPMorgan Target Date Funds	17,490,359	85.6		
JPMorgan SmartRetirement Blend Income (JIYBX)	204,643	1.0		
JPMorgan SmartRetirement Blend 2020 (JSYRX)	937,776	4.6		
JPMorgan SmartRetirement Blend 2025 (JBYSX)	5,751,571	28.2		
JPMorgan SmartRetirement Blend 2030 (JRBYX)	5,215,731	25.5		
JPMorgan SmartRetirement Blend 2035 (JPYRX)	3,134,989	15.3		
JPMorgan SmartRetirement Blend 2040 (JOBYX)	1,428,140	7.0		
JPMorgan SmartRetirement Blend 2045 (JMYAX)	817,510	4.0		
JPMorgan SmartRetirement Blend 2050 (JNYAX)		0.0		
JPMorgan SmartRetirement Blend 2055 (JTYBX)		0.0		
JPMorgan SmartRetirement Blend 2060 (JAAYX)		0.0		
Core Funds	2,936,603	14.4		
Transamerica Stable Value	1,920	0.0		
Transamerica Guaranteed Investment Option	862,773	4.2		
MetWest Total Return Bond (MWTIX)	30,186	0.1		
Vanguard Inflation Protected Securites Fund (VIPIX)	278,903	1.4		
American Beacon Large Cap Value Fund (AALRX)	67,070	0.3		
Fidelity Spartan 500 Index (FXAIX)	407,325	2.0		
Neuberger Berman Socially Responsive Investing (NRSRX)	8,994	0.0		
Vanguard Russell 1000 Growth Index (VIGIX)	966,292	4.7		
Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	90,724	0.4		
Dimensional US Targeted Value Strategy (DFFVX)		0.0		
T. Rowe Price New Horizons (PRJIX)	179,057	0.9		
Dodge & Cox International (DODFX)	4,960	0.0		
Vanguard International-Growth (VWILX)	38,399	0.2		
Brokerage		0.0		
Charles Schwab Personal Choice		0.0		



	Allocation							
	Market Value (\$)	% of Portfolio	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)
Total Fund Composite	1,445,732,703	100.0						
JPMorgan Target Date Funds	872,871,483	60.4						
JPMorgan SmartRetirement Blend Income (JIYBX)	42,901,198	3.0	7.9 (6)	11.8 (26)	0.9 (50)	5.1 (60)	4.6 (73)	4.2 (73)
S&P Target Date Retirement Income Index			7.4	10.3	1.0	4.9	4.3	4.0
Target-Date 2000-2010 Median			7.2	9.9	0.9	5.5	4.9	4.4
JPMorgan SmartRetirement Blend 2020 (JSYRX)	75,002,322	5.2	8.0 (69)	<b>12.0</b> (57)	0.9 (74)	<b>5.5</b> (86)	<b>5.1</b> (86)	4.8 (80)
S&P Target Date 2020 Index			8.0	12.3	2.1	6.5	5.8	5.3
Target-Date 2020 Median			8.2	12.3	1.6	6.6	5.9	5.3
JPMorgan SmartRetirement Blend 2025 (JBYSX)	139,140,567	9.6	8.6 (63)	13.4 (50)	1.6 (69)	6.7 (81)	<b>6.0</b> (76)	<b>5.5</b> (66)
S&P Target Date 2025 Index			8.3	13.0	2.8	7.4	6.5	5.9
Target-Date 2025 Median			8.8	13.4	1.8	7.3	6.5	5.7
JPMorgan SmartRetirement Blend 2030 (JRBYX)	149,592,970	10.3	9.4 (51)	15.3 (37)	<b>2.5</b> (54)	7.8 (81)	<b>6.9</b> (78)	6.2 (64)
S&P Target Date 2030 Index			9.0	14.8	3.6	8.4	7.3	6.4
Target-Date 2030 Median			9.4	14.9	2.6	8.3	7.3	6.3
JPMorgan SmartRetirement Blend 2035 (JPYRX)	127,689,950	8.8	9.9 (56)	17.1 (41)	<b>3.6</b> (37)	8.9 (76)	<b>7.8</b> (75)	6.8 (50)
S&P Target Date 2035 Index			9.7	16.6	4.4	9.4	8.1	7.0
Target-Date 2035 Median			10.1	16.8	3.4	9.3	8.0	6.8
JPMorgan SmartRetirement Blend 2040 (JOBYX)	99,949,141	6.9	10.4 (58)	18.4 (49)	4.4 (39)	9.7 (71)	<b>8.4</b> (63)	<b>7.3</b> (51)
S&P Target Date 2040 Index			10.2	18.2	5.2	10.2	8.7	7.5
Target-Date 2040 Median			10.5	18.4	4.3	10.1	8.7	7.3
JPMorgan SmartRetirement Blend 2045 (JMYAX)	91,221,898	6.3	10.8 (57)	19.5 (46)	<b>5.1</b> (24)	10.3 (73)	<b>8.8</b> (77)	7.6 (54)
S&P Target Date 2045 Index			10.5	19.1	5.6	10.7	9.0	7.8
Target-Date 2045 Median			10.8	19.5	4.7	10.7	9.1	7.7
JPMorgan SmartRetirement Blend 2050 (JNYAX)	82,622,639	5.7	10.9 (59)	19.8 (64)	<b>5.1</b> (38)	10.4 (81)	<b>8.9</b> (79)	<b>7.6</b> (62)
S&P Target Date 2050 Index			10.7	19.6	5.8	10.9	9.2	7.9
Target-Date 2050 Median			11.0	20.2	4.8	10.9	9.2	7.7
JPMorgan SmartRetirement Blend 2055 (JTYBX)	43,489,998	3.0	10.9 (58)	19.7 (67)	<b>5.2</b> (35)	10.4 (87)	8.9 (90)	<b>7.7</b> (67)
S&P Target Date 2055 Index			10.7	19.6	5.9	11.0	9.3	8.0
Target-Date 2055 Median			11.1	20.2	4.9	11.0	9.3	7.8
JPMorgan SmartRetirement Blend 2060 (JAAYX)	21,260,800	1.5	10.9 (64)	19.7 (69)	<b>5.2</b> (41)			
S&P Target Date 2060 Index			10.7	19.7	5.9			
Target-Date 2060 Median			11.0	20.3	4.9			



	Allocation	on			Performa	ance (%)		
	Market Value (\$)	% of Portfolio	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)
Core Funds	554,450,925	38.4						
Transamerica Stable Value	398,654	0.0	0.6	2.5	1.7	1.6	1.5	1.3
90 Day U.S. Treasury Bill			1.4	5.0	2.2	1.9	1.7	1.2
Transamerica Guaranteed Investment Option	147,724,749	10.2	0.6	2.5	2.3	2.1	1.8	1.6
90 Day U.S. Treasury Bill			1.4	5.0	2.2	1.9	1.7	1.2
MetWest Total Return Bond (MWTIX)	29,072,786	2.0	<b>7.5</b> (15)	6.0 (66)	<b>-3.7</b> (82)	1.2 (69)	1.4 (70)	1.8 (69)
Blmbg. U.S. Aggregate Index			6.8	5.5	-3.3	1.1	1.3	1.8
Intermediate Core-Plus Bond Median			7.0	6.3	-3.1	1.6	1.6	2.0
Vanguard Inflation Protected Securites Fund (VIPIX)	16,379,532	1.1	4.6 (34)	<b>3.8</b> (53)	<b>-1.1</b> (51)	<b>3.0</b> (55)	<b>2.4</b> (51)	2.4 (19)
Blmbg. U.S. TIPS			4.7	3.9	-1.0	3.2	2.5	2.4
Inflation-Protected Bond Median			4.4	3.9	-1.1	3.1	2.4	2.2
American Beacon Large Cap Value Fund (AALRX)	18,981,977	1.3	10.3 (36)	13.5 (33)	11.2 (24)	13.0 (21)	9.6 (34)	8.6 (43)
Russell 1000 Value Index			9.5	11.5	8.9	10.9	8.3	8.4
Large Value Median			9.6	11.4	9.8	11.5	8.9	8.4
Fidelity Spartan 500 Index (FXAIX)	105,320,930	7.3	11.7 (46)	26.3 (25)	10.0 (24)	15.7 (19)	13.4 (15)	12.0 (8)
S&P 500 Index			11.7	26.3	10.0	15.7	13.4	12.0
Large Blend Median			11.6	24.4	9.1	14.8	12.5	11.0
Neuberger Berman Socially Responsive Investing (NRSRX)	13,486,684	0.9	13.7 (5)	27.1 (18)	<b>8.7</b> (61)	14.2 (63)	11.8 (67)	10.3 (71)
S&P 500 Index			11.7	26.3	10.0	15.7	13.4	12.0
Large Blend Median			11.6	24.4	9.1	14.8	12.5	11.0
Vanguard Growth Index Fund Institutional Shares Composite	71,947,029	5.0	14.4 (37)	46.8 (19)	7.7 (27)	19.2 (11)	16.8 (21)	14.0 (17)
CRSP U.S. Large Cap Growth TR Index			14.4	46.9	7.7	19.2	16.9	14.0
Large Growth Median			13.9	38.6	6.0	16.1	15.2	12.4
Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	37,294,647	2.6	12.3 (33)	16.0 (50)	5.5 (74)	12.7 (29)	10.2 (20)	9.4 (16)
CRSP U.S. Mid Cap TR Index			12.3	16.0	5.5	12.7	10.2	9.4
Mid-Cap Blend Median			11.6	16.0	7.4	12.2	9.1	8.6
Dimensional US Targeted Value Strategy (DFFVX)	23,501,529	1.6	14.4 (35)	19.3 (30)	16.5 (14)	14.8 (13)	9.1 (14)	<b>8.5</b> (15)
Russell 2000 Value Index			15.3	14.6	7.9	10.0	6.1	6.8
Small Value Median			13.3	16.5	10.3	11.4	7.0	7.1
T. Rowe Price New Horizons (PRJIX)	40,016,521	2.8	9.8 (84)	21.5 (43)	<b>-5.6</b> (83)	12.9 (50)	14.1 (10)	11.6 (5)
Russell 2000 Growth Index			12.7	18.7	-3.5	9.2	8.1	7.2
Mid-Cap Growth Median			12.3	20.6	-0.2	12.8	11.6	9.4



	Allocation			on Performance (%)						
	Market Value (\$)	% of Portfolio	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)		
Dodge & Cox International (DODFX)	24,612,891	1.7	<b>6.8</b> (87)	16.7 (63)	6.5 (43)	8.6 (31)	6.4 (34)	<b>4.0</b> (30)		
MSCI EAFE (Net)			10.4	18.2	4.0	8.2	6.9	4.3		
MSCI AC World ex USA (Net)			9.8	15.6	1.5	7.1	6.3	3.8		
Foreign Large Value Median			8.7	17.9	5.9	7.4	5.8	3.4		
Vanguard International-Growth (VWILX)	25,712,995	1.8	11.4 (60)	14.8 (71)	<b>-7.6</b> (93)	10.6 (15)	11.0 (4)	<b>7.1</b> (9)		
MSCI AC World ex USA (Net)			9.8	15.6	1.5	7.1	6.3	3.8		
Foreign Large Growth Median			11.9	16.3	-1.1	8.5	7.6	4.8		
Brokerage	18,410,296	1.3								
Charles Schwab Personal Choice	18,410,296	1.3								

All data prior to 5/2023 was received from Marquette Associates.

Policy Index consist of 35% Bloomberg Intermediate U.S. Gov/Credit, 20% Bloomberg U.S. Intermediate Aggregate, 10% Bloomberg 1-5 Year Gov/Credit, 20% MSCI AC World Minimum Volatility Index (Net), and 15% 90 Day U.S. T-Bills.

Transamerica Stable Value Fund is not an open option for plan participants.

Assets include: Memorial Healthcare System RSP Gold 403(b) Plan, Memorial Healthcare System 401(a) Plan, Memorial Healthcare System 457(b) Plan, Memorial Healthcare System SERP 457(f) Plan

Performance is net of fees and is annualized for periods longer than one year. Performance is ranked within PARis's style-specific universes, where "1" refers to the top percentile and "100" the bottom percentile.



# **TOTAL FUND PERFORMANCE DETAIL**

	Allocation	on	Performance (%)									
	Market Value (\$)	% of Portfolio	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Total Fund Composite	1,445,732,703											
JPMorgan SmartRetirement Blend Income (JIYBX)	42,901,198		11.8	-13.7	6.3	9.6	14.1	-3.8	10.7	5.8	-0.7	4.7
S&P Target Date Retirement Income Index			10.3	-11.2	5.1	8.8	13.3	-2.5	8.5	5.0	-0.2	4.9
JPMorgan SmartRetirement Blend 2020 (JSYRX)	75,002,322		12.0	-13.7	6.4	10.1	15.5	-4.5	13.4	6.8	-0.7	6.3
S&P Target Date 2020 Index			12.3	-12.8	8.8	10.2	16.5	-4.2	12.8	7.2	-0.2	5.7
JPMorgan SmartRetirement Blend 2025 (JBYSX)	139,140,567		13.4	-15.2	9.1	11.3	18.3	-5.7	15.6	7.2	-0.7	6.7
S&P Target Date 2025 Index			13.0	-13.1	10.7	11.2	18.4	-5.0	14.6	7.8	-0.3	5.6
JPMorgan SmartRetirement Blend 2030 (JRBYX)	149,592,970		15.3	-16.1	11.3	12.2	20.4	-6.6	17.4	7.9	-0.8	6.9
S&P Target Date 2030 Index			14.8	-14.0	12.6	11.9	20.4	-6.0	16.2	8.3	-0.3	5.6
JPMorgan SmartRetirement Blend 2035 (JPYRX)	127,689,950		17.1	-16.7	14.1	12.6	22.3	-7.4	18.9	8.3	-1.0	6.9
S&P Target Date 2035 Index			16.6	-15.0	14.9	12.8	22.2	-6.9	17.8	8.9	-0.3	5.7
JPMorgan SmartRetirement Blend 2040 (JOBYX)	99,949,141		18.4	-17.2	15.9	13.0	23.8	-8.0	20.3	8.8	-1.1	7.0
S&P Target Date 2040 Index			18.2	-15.6	16.5	13.4	23.4	-7.4	18.9	9.2	-0.4	5.7
JPMorgan SmartRetirement Blend 2045 (JMYAX)	91,221,898		19.5	-17.6	17.7	13.1	24.6	-8.3	20.5	8.8	-1.0	7.0
S&P Target Date 2045 Index			19.1	-15.8	17.5	13.7	24.0	-7.7	19.6	9.5	-0.5	5.7
JPMorgan SmartRetirement Blend 2050 (JNYAX)	82,622,639		19.8	-17.6	17.8	13.4	24.6	-8.3	20.5	8.8	-1.1	7.0
S&P Target Date 2050 Index			19.6	-16.0	18.0	13.9	24.4	-7.9	20.2	9.7	-0.5	5.7
JPMorgan SmartRetirement Blend 2055 (JTYBX)	43,489,998		19.7	-17.6	17.8	13.2	24.7	-8.4	20.4	8.8	-1.0	7.2
S&P Target Date 2055 Index			19.6	-16.0	18.2	13.9	24.5	-8.0	20.5	9.9	-0.5	5.6
JPMorgan SmartRetirement Blend 2060 (JAAYX)	21,260,800		19.7	-17.4	17.8							
S&P Target Date 2060 Index			19.7	-16.0	18.0							
Transamerica Stable Value	398,654		2.5	1.6	1.0	1.2	1.8	1.3	1.0	1.0	1.0	1.0
90 Day U.S. Treasury Bill			5.0	1.5	0.0	0.7	2.3	1.9	0.9	0.3	0.0	0.0
Transamerica Guaranteed Investment Option	147,724,749		2.5	2.2	2.3	1.6	1.8	1.3	1.0	1.0	1.0	1.0
90 Day U.S. Treasury Bill			5.0	1.5	0.0	0.7	2.3	1.9	0.9	0.3	0.0	0.0
MetWest Total Return Bond (MWTIX)	29,072,786		6.0	-14.8	-1.1	9.1	9.1	0.2	3.4	2.5	0.3	6.0
Blmbg. U.S. Aggregate Index			5.5	-13.0	-1.5	7.5	8.7	0.0	3.5	2.6	0.5	6.0
Vanguard Inflation Protected Securites Fund (VIPIX)	16,379,532		3.8	-11.9	5.7	11.0	8.2	-1.4	3.0	4.6	-1.7	4.1
Blmbg. U.S. TIPS			3.9	-11.8	6.0	11.0	8.4	-1.3	3.0	4.7	-1.4	3.6



## **TOTAL FUND PERFORMANCE DETAIL**

	Allocation Performance (%)							%)				
	Market Value (\$)	% of Portfolio	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
American Beacon Large Cap Value Fund (AALRX)	18,981,977		13.5	-5.2	28.0	3.4	29.7	-12.0	17.1	16.0	-6.1	10.6
Russell 1000 Value Index			11.5	-7.5	25.2	2.8	26.5	-8.3	13.7	17.3	-3.8	13.5
Fidelity Spartan 500 Index (FXAIX)	105,320,930		26.3	-18.1	28.7	18.4	31.5	-4.4	21.8	12.0	1.4	13.7
S&P 500 Index			26.3	-18.1	28.7	18.4	31.5	-4.4	21.8	12.0	1.4	13.7
Neuberger Berman Socially Responsive Investing (NRSRX)	13,486,684		27.1	-18.4	23.7	19.7	26.2	-5.6	18.8	10.4	-0.1	10.8
S&P 500 Index			26.3	-18.1	28.7	18.4	31.5	-4.4	21.8	12.0	1.4	13.7
Vanguard Growth Index Fund Institutional Shares Composite	71,947,029		46.8	-33.1	27.3	40.2	37.3	-3.3	27.8	6.1	3.3	13.6
CRSP U.S. Large Cap Growth TR Index			46.9	-33.1	27.3	40.3	37.3	-3.3	27.9	6.2	3.4	13.7
Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	37,294,647		16.0	-18.7	24.5	18.3	31.0	-9.2	19.3	11.2	-1.3	13.8
CRSP U.S. Mid Cap TR Index			16.0	-18.7	24.5	18.2	31.1	-9.2	19.3	11.2	-1.3	13.8
Dimensional US Targeted Value Strategy (DFFVX)	23,501,529		19.3	-4.6	38.8	3.8	21.5	-15.8	9.6	26.9	-5.7	2.9
Russell 2000 Value Index			14.6	-14.5	28.3	4.6	22.4	-12.9	7.8	31.7	-7.5	4.2
T. Rowe Price New Horizons (PRJIX)	40,016,521		21.5	-36.9	9.8	57.9	37.8	4.2	31.7	7.9	4.5	6.1
Russell 2000 Growth Index			18.7	-26.4	2.8	34.6	28.5	-9.3	22.2	11.3	-1.4	5.6
Dodge & Cox International (DODFX)	24,612,891		16.7	-6.8	11.0	2.1	22.8	-18.0	23.9	8.3	-11.4	0.1
MSCI EAFE (Net)			18.2	-14.5	11.3	7.8	22.0	-13.8	25.0	1.0	-0.8	-4.9
MSCI AC World ex USA (Net)			15.6	-16.0	7.8	10.7	21.5	-14.2	27.2	4.5	-5.7	-3.9
Vanguard International-Growth (VWILX)	25,712,995		14.8	-30.8	-0.7	59.7	31.5	-12.6	43.2	1.8	-0.5	-5.5
MSCI AC World ex USA (Net)			15.6	-16.0	7.8	10.7	21.5	-14.2	27.2	4.5	-5.7	-3.9
Charles Schwab Personal Choice	18,410,296											
All data prior to 5/2022 was received from Marguetta Associates												

<sup>-</sup> All data prior to 5/2023 was received from Marquette Associates



<sup>-</sup> Transamerica Stable Value Fund is not an open option for plan participants

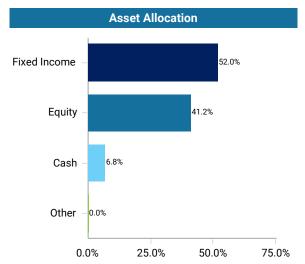
<sup>-</sup> Assets include: Memorial Healthcare System RSP Gold 403(b) Plan, Memorial Healthcare System 401(a) Plan, Memorial Healthcare System 457(b) Plan, Memorial Healthcare System SERP 457(f Plan

<sup>-</sup> Performance is net of fees and is annualized for periods longer than one year. Performance is ranked within PARis's style-specific universes, where "1" refers to the top percentile and "100" th bottom percentile.

## JPMORGAN SMARTRETIREMENT® BLEND INCOMER6

#### **Fund Investment Policy**

The investment seeks current income and some capital appreciation.



Fund Name :	JPMorgan SmartRetirement® Blend
	IncomeR6

Fund Family: JPMorgan
Ticker: JIYBX
Inception Date: Jul-12
Portfolio Turnover: 37%

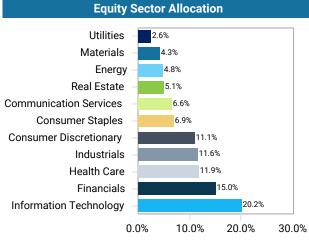
#### **Fund Information**

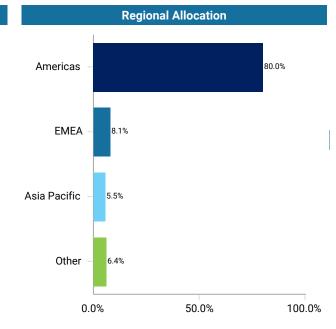
Portfolio Assets: \$604 Million

Portfolio Manager: Team Managed
PM Tenure: 11 Years 5 Months
Fund Assets: \$629 Million

Top 5 Countries									
United States	79.2 %								
Japan	3.5 %								
United Kingdom	2.9 %								
France	1.8 %								
Switzerland	1.5 %								
Total	88.9 %								

Top Ten Securities	
JPMorgan Equity Index R6	20.3 %
JPMorgan BetaBuilders Intl Eq ETF	11.5 %
JPMorgan Core Plus Bond R6	10.2 %
JPMorgan BetaBuilders US Aggt Bond	9.6 %
JPMorgan High Yield R6	7.2 %
Jpmorgan Us Govt Mmkt Fund Im	5.3 %
JPMorgan Inflation Managed Bond	3.7 %
JPMorgan BetaBuilders US Mid Cap	2.8 %
JPMorgan BetaBuilders US Sml Cp	2.5 %
JPMorgan Emerging Mkts Rsrch Enh	1.7 %
Total	74.9 %



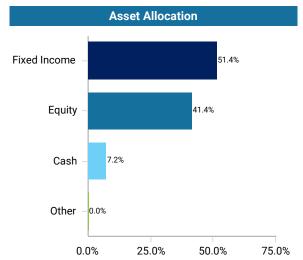




## JPMORGAN SMARTRETIREMENT® BLEND 2020 R6

#### **Fund Investment Policy**

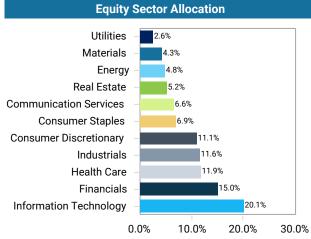
The investment seeks high total return with a shift to current income and some capital appreciation over time as the fund approaches and passes the target retirement date.



Top Ten Securities				
JPMorgan Equity Index R6	20.3 %			
JPMorgan BetaBuilders Intl Eq ETF	11.6 %			
JPMorgan Core Plus Bond R6	9.7 %			
JPMorgan BetaBuilders US Aggt Bond	8.3 %			
JPMorgan High Yield R6	7.3 %			
Jpmorgan Us Govt Mmkt Fund Im	5.7 %			
JPMorgan Inflation Managed Bond	3.8 %			
JPMorgan BetaBuilders US Mid Cap	2.8 %			
JPMorgan BetaBuilders US Sml Cp	2.6 %			
JPMorgan Emerging Mkts Rsrch Enh	1.7 %			
Total	73.7 %			

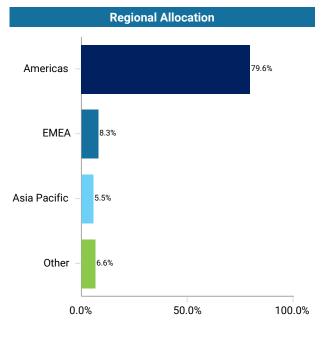
### Fund Information

Fund Name :JPMorgan SmartRetirement® Blend 2020 R6Portfolio Assets :\$794 MillionFund Family :JPMorganPortfolio Manager :Team ManagedTicker :JSYRXPM Tenure :11 Years 5 MonthsInception Date :Jul-12Fund Assets :\$818 MillionPortfolio Turnover :26%



Market Capitalization				
Giant -			41.8%	
Large –		31.0%		
Medium -	15.8%			
Small -	8.1%			
Micro -	3.4%			
0.0	0% 15.0%	30.0%	45.0%	60.0%

Top 5 Countries			
United States	78.9 %		
Japan	3.4 %		
United Kingdom	2.8 %		
France	1.9 %		
Switzerland	1.6 %		
Total	88.7 %		

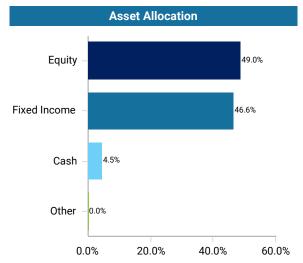




## JPMORGAN SMARTRETIREMENT® BLEND 2025 R6

#### **Fund Investment Policy**

The investment seeks high total return with a shift to current income and some capital appreciation over time as the fund approaches and passes the target retirement date.



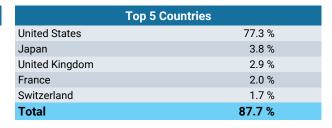
Top Ten Securities	
JPMorgan Equity Index R6	24.2 %
JPMorgan BetaBuilders Intl Eq ETF	13.3 %
JPMorgan Core Plus Bond R6	9.7 %
JPMorgan BetaBuilders US Aggt Bond	8.4 %
JPMorgan High Yield R6	6.7 %
JPMorgan BetaBuilders US Mid Cap	3.5 %
JPMorgan BetaBuilders US Sml Cp	3.0 %
Jpmorgan Us Govt Mmkt Fund Im	2.9 %
JPMorgan Inflation Managed Bond	2.4 %
JPMorgan BetaBuilders Emerging	2.1 %
Total	76.3 %

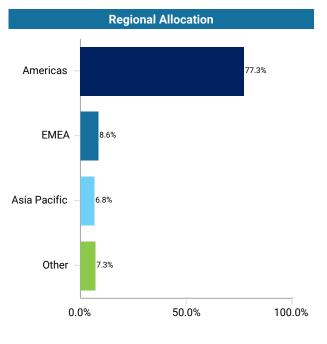
### Fund Information

Fund Name :JPMorgan SmartRetirement® Blend 2025 R6Portfolio Assets :\$1,801 MillionFund Family :JPMorganPortfolio Manager :Team ManagedTicker :JBYSXPM Tenure :11 Years 5 MonthsInception Date :Jul-12Fund Assets :\$1,849 MillionPortfolio Turnover :35%







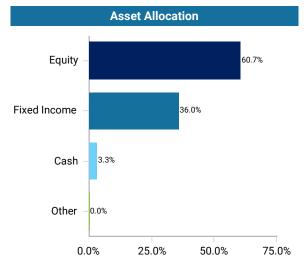




## JPMORGAN SMARTRETIREMENT® BLEND 2030 R6

#### **Fund Investment Policy**

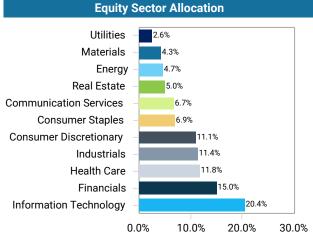
The investment seeks high total return with a shift to current income and some capital appreciation over time as the fund approaches and passes the target retirement date.



Top Ten Securities	
JPMorgan Equity Index R6	30.5 %
JPMorgan BetaBuilders Intl Eq ETF	16.6 %
JPMorgan Core Plus Bond R6	7.8 %
JPMorgan BetaBuilders US Aggt Bond	6.5 %
JPMorgan High Yield R6	5.2 %
JPMorgan BetaBuilders US Mid Cap	3.8 %
JPMorgan BetaBuilders US Sml Cp	3.3 %
JPMorgan BetaBuilders Emerging	2.8 %
JPMorgan Emerging Mkts Rsrch Enh	2.8 %
Jpmorgan Us Govt Mmkt Fund Im	1.9 %
Total	81.2 %

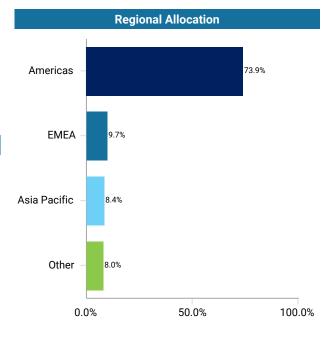
### Fund Information

Fund Name :JPMorgan SmartRetirement® Blend 2030 R6Portfolio Assets :\$2,328 MillionFund Family :JPMorganPortfolio Manager :Team ManagedTicker :JRBYXPM Tenure :11 Years 5 MonthsInception Date :Jul-12Fund Assets :\$2,391 MillionPortfolio Turnover :31%







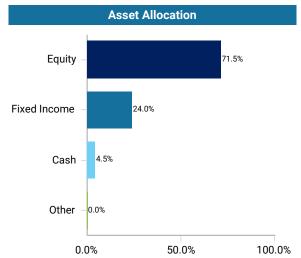




## JPMORGAN SMARTRETIREMENT® BLEND 2035 R6

#### **Fund Investment Policy**

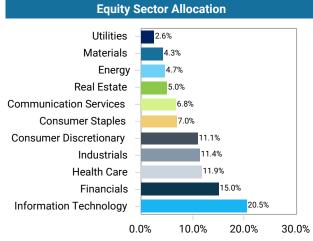
The investment seeks high total return with a shift to current income and some capital appreciation over time as the fund approaches and passes the target retirement date.



Top Ten Securities	
JPMorgan Equity Index R6	36.5 %
JPMorgan BetaBuilders Intl Eq ETF	19.9 %
JPMorgan Core Plus Bond R6	12.8 %
JPMorgan BetaBuilders US Aggt Bond	4.8 %
JPMorgan BetaBuilders US Mid Cap	4.2 %
JPMorgan BetaBuilders US Sml Cp	3.5 %
JPMorgan High Yield R6	3.4 %
JPMorgan Emerging Mkts Rsrch Enh	3.3 %
JPMorgan BetaBuilders Emerging	3.2 %
Jpmorgan Us Govt Mmkt Fund Im	2.7 %
Total	94.2 %

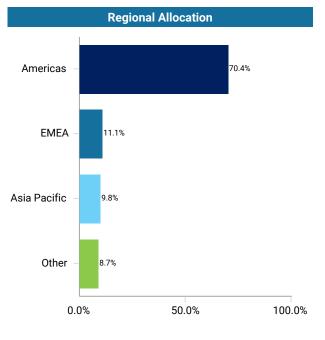
### Fund Information

Fund Name: JPMorgan SmartRetirement® Blend 2035 R6 Portfolio Assets: \$2,431 Million
Fund Family: JPMorgan Portfolio Manager: Team Managed
Ticker: JPYRX PM Tenure: 11 Years 5 Months
Inception Date: Jul-12 Fund Assets: \$2,497 Million
Portfolio Turnover: 25%



Market Capitalization				
Giant –			43	3.0%
Large –			31.7%	
Medium –	1:	5.7%		
Small –	6.9%			
Micro -	2.7%			
0.0	0% 15.09	% 30.0	)% 45.	0% 60.0%

Top 5 Countries			
United States	70.4 %		
Japan	5.3 %		
United Kingdom	3.6 %		
France	2.4 %		
Switzerland	2.2 %		
Total	83.9 %		

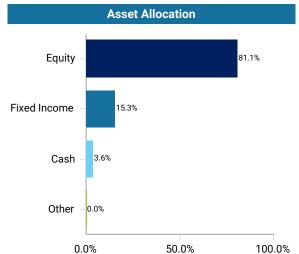




## JPMORGAN SMARTRETIREMENT® BLEND 2040 R6

#### **Fund Investment Policy**

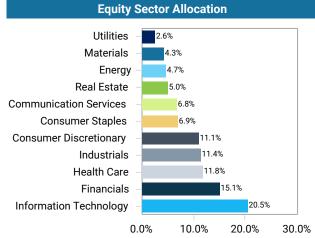
The investment seeks high total return with a shift to current income and some capital appreciation over time as the fund approaches and passes the target retirement date.

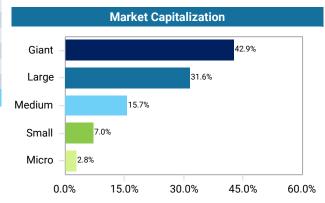


Top Ten Securities	
JPMorgan Equity Index R6	41.2 %
JPMorgan BetaBuilders Intl Eq ETF	22.2 %
JPMorgan Core Plus Bond R6	7.7 %
JPMorgan BetaBuilders US Mid Cap	4.9 %
JPMorgan BetaBuilders US Sml Cp	4.1 %
JPMorgan Emerging Mkts Rsrch Enh	3.9 %
JPMorgan BetaBuilders Emerging	3.7 %
JPMorgan BetaBuilders US Aggt Bond	2.7 %
JPMorgan Core Bond R6	2.5 %
JPMorgan High Yield R6	2.2 %
Total	95.1 %

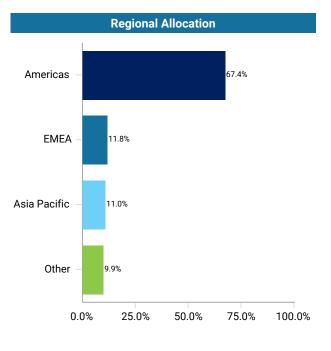
### Fund Information

Fund Name :JPMorgan SmartRetirement® Blend 2040 R6Portfolio Assets :\$2,226 MillionFund Family :JPMorganPortfolio Manager :Team ManagedTicker :JOBYXPM Tenure :11 Years 5 MonthsInception Date :Jul-12Fund Assets :\$2,276 MillionPortfolio Turnover :22%





Top 5 Countries			
United States	67.4 %		
Japan	5.8 %		
United Kingdom	3.7 %		
France	2.6 %		
Switzerland	2.4 %		
Total	81.8 %		

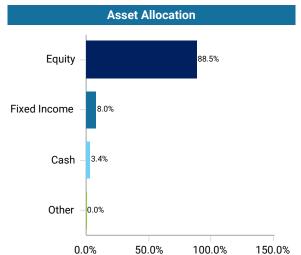




## JPMORGAN SMARTRETIREMENT® BLEND 2045 R6

#### **Fund Investment Policy**

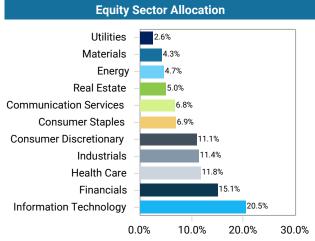
The investment seeks high total return with a shift to current income and some capital appreciation over time as the fund approaches and passes the target retirement date.



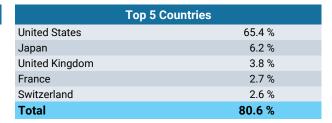
Top Ten Securities	
JPMorgan Equity Index R6	44.9 %
JPMorgan BetaBuilders Intl Eq ETF	24.0 %
JPMorgan BetaBuilders US Mid Cap	5.4 %
JPMorgan BetaBuilders US Sml Cp	4.5 %
JPMorgan Emerging Mkts Rsrch Enh	4.3 %
JPMorgan BetaBuilders Emerging	4.1 %
JPMorgan Core Plus Bond R6	4.1 %
Jpmorgan Us Govt Mmkt Fun	2.0 %
JPMorgan BetaBuilders MSCI US REIT	1.9 %
JPMorgan Core Bond R6	1.4 %
Total	96.6 %

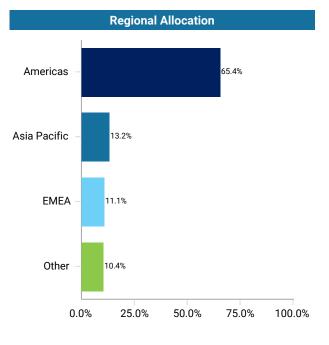
### Fund Information

Fund Name: JPMorgan SmartRetirement® Blend 2045 R6 Portfolio Assets: \$1,883 Million
Fund Family: JPMorgan Portfolio Manager: Team Managed
Ticker: JMYAX PM Tenure: 11 Years 5 Months
Inception Date: Jul-12 Fund Assets: \$1,927 Million
Portfolio Turnover: 22%







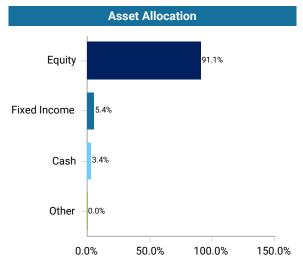




## JPMORGAN SMARTRETIREMENT® BLEND 2050 R6

#### **Fund Investment Policy**

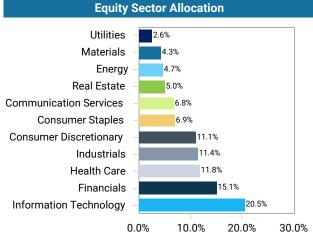
The investment seeks high total return with a shift to current income and some capital appreciation over time as the fund approaches and passes the target retirement date.



Top Ten Securities	
JPMorgan Equity Index R6	46.2 %
JPMorgan BetaBuilders Intl Eq ETF	24.7 %
JPMorgan BetaBuilders US Mid Cap	5.6 %
JPMorgan BetaBuilders US Sml Cp	4.7 %
JPMorgan Emerging Mkts Rsrch Enh	4.4 %
JPMorgan BetaBuilders Emerging	4.3 %
JPMorgan Core Plus Bond R6	2.7 %
Jpmorgan Us Govt Mmkt Fund Im	2.1 %
JPMorgan BetaBuilders MSCI US REIT	1.9 %
JPMorgan Core Bond R6	0.9 %
Total	97.6 %

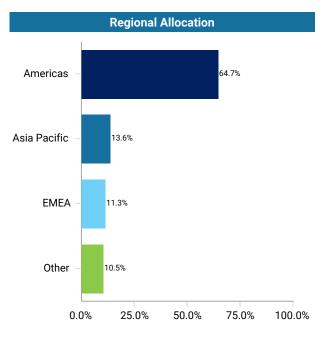
### Fund Information

Fund Name :JPMorgan SmartRetirement® Blend 2050 R6Portfolio Assets :\$1,519 MillionFund Family :JPMorganPortfolio Manager :Team ManagedTicker :JNYAXPM Tenure :11 Years 5 MonthsInception Date :Jul-12Fund Assets :\$1,555 MillionPortfolio Turnover :21%



	Market Capitalization				
Giant -				42.8%	
Large –			31.5%		
Medium –		15.7%			
Small –	7.2%				
Micro -	2.8%				
0.0	0% 15.0	0% 30	0.0%	45.0%	60.0%

	Top 5 Countries
United States	64.7 %
Japan	6.4 %
United Kingdom	3.9 %
France	2.7 %
Switzerland	2.6 %
Total	80.3 %

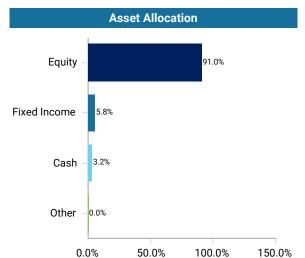




## JPMORGAN SMARTRETIREMENT® BLEND 2055 R6

#### **Fund Investment Policy**

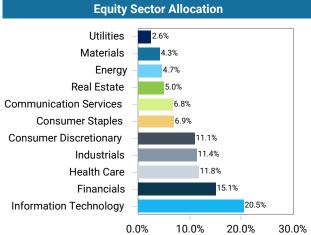
The investment seeks high total return with a shift to current income and some capital appreciation over time as the fund approaches and passes the target retirement date.



Top Ten Securities	
JPMorgan Equity Index R6	46.0 %
JPMorgan BetaBuilders Intl Eq ETF	24.7 %
JPMorgan BetaBuilders US Mid Cap	5.6 %
JPMorgan BetaBuilders US Sml Cp	4.7 %
JPMorgan Emerging Mkts Rsrch Enh	4.4 %
JPMorgan BetaBuilders Emerging	4.4 %
JPMorgan Core Plus Bond R6	2.8 %
JPMorgan BetaBuilders MSCI US REIT	1.9 %
Jpmorgan Us Govt Mmkt Fund Im	1.9 %
JPMorgan Core Bond R6	1.0 %
Total	97.4 %

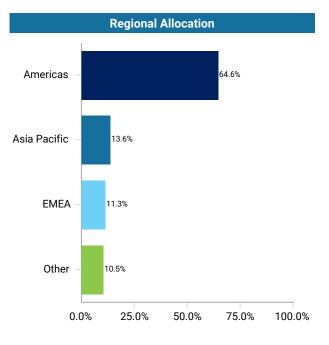
### Fund Information

Fund Name :JPMorgan SmartRetirement® Blend 2055 R6Portfolio Assets :\$903 MillionFund Family :JPMorganPortfolio Manager :Team ManagedTicker :JTYBXPM Tenure :11 Years 5 MonthsInception Date :Jul-12Fund Assets :\$925 MillionPortfolio Turnover :19%



Market Capitalization					
Giant -				42.8%	
Large –			31.5%		
Medium –		15.7%			
Small -	7.2%				
Micro -	2.8%				
0.0	0% 15.	0%	30.0%	45.0%	60.0%



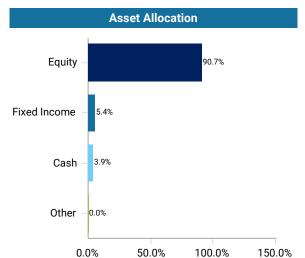




## JPMORGAN SMARTRETIREMENT® BLEND 2060 R6

#### **Fund Investment Policy**

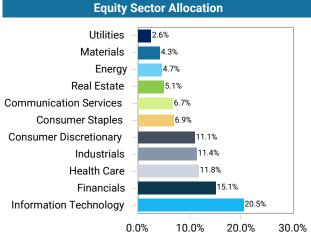
The investment seeks high total return with a shift to current income and some capital appreciation over time as the fund approaches and passes the target retirement date.



Top Ten Securities	
JPMorgan Equity Index R6	45.8 %
JPMorgan BetaBuilders Intl Eq ETF	24.7 %
JPMorgan BetaBuilders US Mid Cap	5.6 %
JPMorgan BetaBuilders US Sml Cp	4.6 %
JPMorgan Emerging Mkts Rsrch Enh	4.4 %
JPMorgan BetaBuilders Emerging	4.4 %
JPMorgan Core Plus Bond R6	2.7 %
Jpmorgan Us Govt Mmkt Fund Im	2.6 %
JPMorgan BetaBuilders MSCI US REIT	2.0 %
JPMorgan BetaBuilders US Aggt Bond	1.0 %
Total	97.8 %

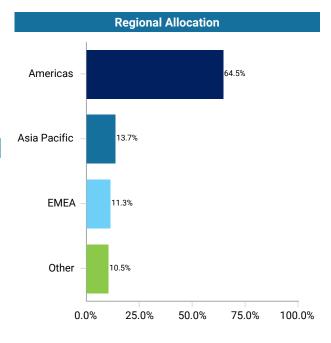
### Fund Information

Fund Name :JPMorgan SmartRetirement® Blend 2060 R6 Portfolio Assets :\$455 MillionFund Family :JPMorganPortfolio Manager :Team ManagedTicker :JAAYXPM Tenure :7 Years 4 MonthsInception Date :Aug-16Fund Assets :\$473 MillionPortfolio Turnover :18%



	M	arket Ca	pitalization	1	
Giant –				42.8%	
Large –			31.5%		
Medium –		15.8%			
Small -	7.2%				
Micro -	2.8%				
0.0	0% 15	.0%	30.0%	45.0%	60.0%

Top 5 Countries		
United States	64.5 %	
Japan	6.4 %	
United Kingdom	3.9 %	
France	2.8 %	
Switzerland	2.6 %	
Total	80.2 %	





## METROPOLITAN WEST TOTAL RETURN BD I

#### **Fund Information**

Fund Name : Metropolitan West Total Return Bd I

Fund Family: Metropolitan West Funds

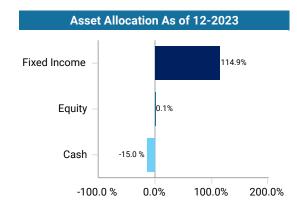
Ticker: MWTIX Inception Date: Mar-00

Portfolio Assets: \$33,310 Million
Portfolio Manager: Team Managed
PM Tenure: 26 Years 9 Months
Fund Assets: \$56,190 Million

Fund Characteristics As of 12-2023		
Avg. Coupon	4.15 %	
Avg. Effective Maturity	7.97 Years	
Avg. Effective Duration	6.9 Years	
Avg. Credit Quality	BBB	
Yield To Maturity	4.94 Years	
SEC Yield	4.33 %	

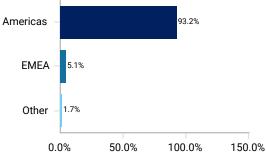
#### **Fund Investment Policy**

The investment seeks to maximize long-term total return.



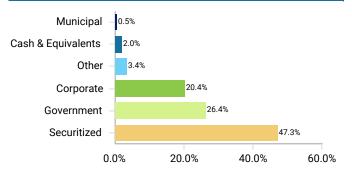


# Regional Allocation As of 12-2023



Top Ten Securities As of 12-202	3
United States Treasury Notes 4.375%	4.5 %
United States Treasury Notes 4.875%	4.4 %
Federal National Mortgage Asso	3.9 %
United States Treasury Bonds 4.375%	3.9 %
United States Treasury Notes 4.375%	3.9 %
Federal National Mortgage Asso	3.8 %
United States Treasury Notes 4.5%	3.1 %
United States Treasury Bonds 4.75%	3.0 %
United States Treasury Bonds 4.75%	3.0 %
Federal National Mortgage Asso	2.4 %
Total	35.9 %
-	

#### Fixed Income Sector Allocation As of 12-2023





### VANGUARD INFLATION-PROTECTED SECS I

#### **Fund Information**

Vanguard Inflation-Protected Secs I Fund Family: Vanguard Ticker: VIPIX Inception Date: Dec-03

Fund Name:

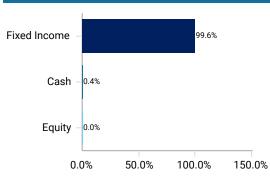
\$11,485 Million Portfolio Assets: Portfolio Manager: Madziyire,J 2 Years 1 Month PM Tenure: \$28.635 Million Fund Assets:

Fund Characteristic	s As of 12-2023
Avg. Coupon	0.84 %
Avg. Effective Maturity	7 Years
Avg. Effective Duration	6.48 Years
Avg. Credit Quality	AAA
Yield To Maturity	4.71 Years
SEC Yield	2.2 %

#### **Fund Investment Policy**

The investment seeks to provide inflation protection and income consistent with investment in inflation-indexed securities.

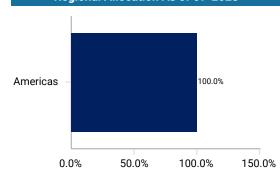
#### Asset Allocation As of 09-2023

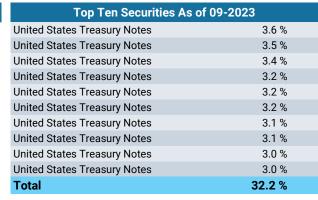


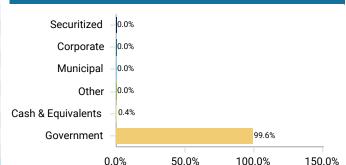




#### Regional Allocation As of 09-2023







Fixed Income Sector Allocation As of 09-2023



### **AMERICAN BEACON LARGE CAP VALUE R6**

#### **Fund Information**

Fund Name : American Beacon Large Cap Value R6

Fund Family: American Beacon

Ticker: AALRX Inception Date: Feb-17 Portfolio Turnover: 25%

Portfolio Assets : \$1,347 Million Portfolio Manager : Team Managed

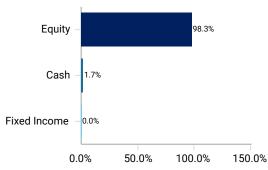
PM Tenure: 34 Years Fund Assets: \$3,288 Million

Fund Characteristics As of 12-2023		
Total Securities	166	
Avg. Market Cap	\$61,814 Million	
P/E	12.7	
P/B	1.9	
Div. Yield	2.8%	

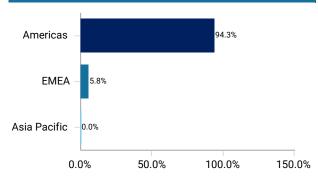
#### **Fund Investment Policy**

The investment seeks long-term capital appreciation and current income.

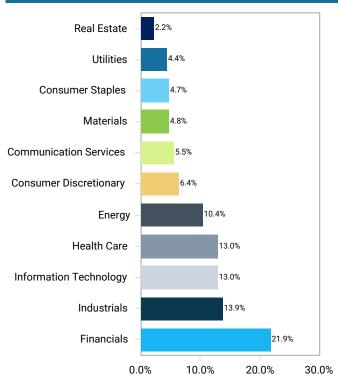
### Asset Allocation As of 11-2023



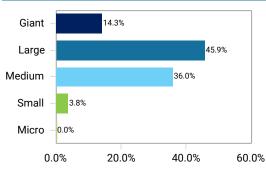
#### Regional Allocation As of 11-2023



#### **Equity Sector Allocation As of 11-2023**











#### FIDELITY 500 INDEX

#### **Fund Information**

Fund Name : Fidelity 500 Index
Fund Family : Fidelity Investments

Ticker: FXAIX
Inception Date: May-11
Portfolio Turnover: 3%

Portfolio Assets: \$471,907 Million
Portfolio Manager: Team Managed
PM Tenure: 14 Years 11 Months
Fund Assets: \$471,907 Million

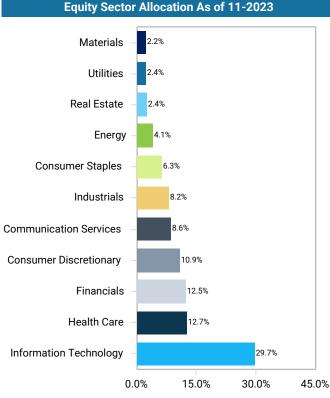
Fund Characteristics As of 12-2023		
Total Securities	507	
Avg. Market Cap	\$237,554 Million	
P/E	18.8	
P/B	3.6	
Div. Yield	1.7%	

#### **Fund Investment Policy**

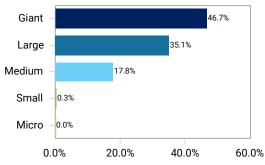
The investment seeks to provide investment results that correspond to the total return performance of common stocks publicly traded in the United States.

# Asset Allocation As of 11-2023 Equity - 100.0% Cash - 0.0% Fixed Income - 0.0% 0.0% 50.0% 100.0% 150.0%





#### Market Capitalization As of 11-2023







## **NEUBERGER BERMAN SUSTAINABLE EQUITY R6**

#### **Fund Information**

Fund Name : Neuberger Berman Sustainable Equity R6

Fund Family: Neuberger Berman

Ticker: NRSRX
Inception Date: Mar-13
Portfolio Turnover: 14%

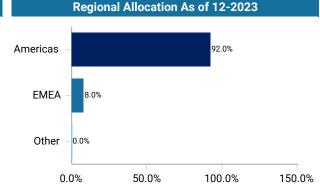
Portfolio Assets : \$118 Million
Portfolio Manager : Hanson,D
PM Tenure : 1 Year 8 Months
Fund Assets : \$1,394 Million

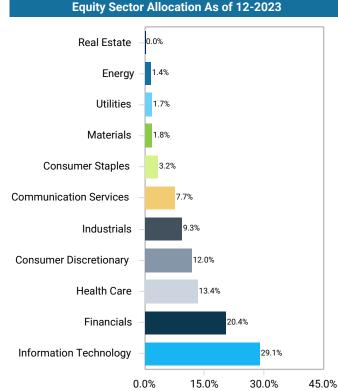
Fund Characteristics As of 12-2023		
Total Securities	47	
Avg. Market Cap	\$218,190 Million	
P/E	20.7	
P/B	3.8	
)iv Yield	1.2%	

#### **Fund Investment Policy**

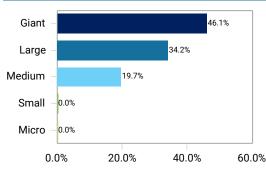
The investment seeks long-term growth of capital by investing primarily in securities of companies that meet the fund's environmental, social and governance (ESG) criteria.

# Asset Allocation As of 12-2023 Equity - 99.8% Cash - 0.2% Fixed Income - 0.0% 0.0% 50.0% 100.0% 150.0%





#### Market Capitalization As of 12-2023



Top Ten Securities As of 12-2023	
Microsoft Corp	8.8 %
Amazon.com Inc	7.6 %
Alphabet Inc Class A	7.4 %
Mastercard Inc Class A	4.6 %
Berkshire Hathaway Inc Class B	4.5 %
The Cigna Group	3.8 %
GoDaddy Inc Class A	3.2 %
Compass Group PLC	3.2 %
Applied Materials Inc	3.2 %
Cencora Inc	2.9 %
Total	49.2 %



Fund Characteristics As of 12-2023

211

\$467,374 Million

## **VANGUARD GROWTH INDEX INSTITUTIONAL**

#### **Fund Information**

Fund Name : Vanguard Growth Index Institutional

Fund Family: Vanguard
Ticker: VIGIX
Inception Date: May-98
Portfolio Turnover: 5%

0.0%

Portfolio Assets: \$28,096 Million
Portfolio Manager: Nejman,W/O'Reilly,G

PM Tenure: 29 Years Fund Assets: \$200.550 Million P/E 29.1 P/B 8.1 Div. Yield 0.6%

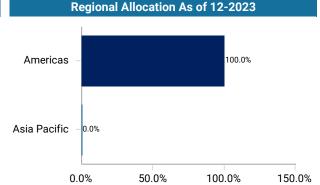
**Total Securities** 

Avg. Market Cap

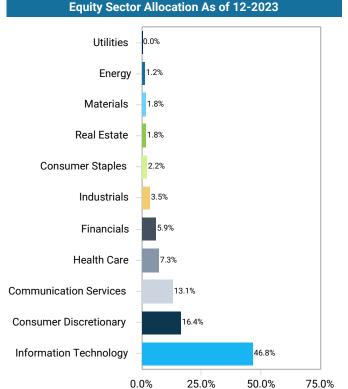
#### **Fund Investment Policy**

The investment seeks to track the performance of the CRSP US Large Cap Growth Index that measures the investment return of large-capitalization growth stocks.

# Equity - 99.8% Cash - 0.2% Fixed Income - 0.0%



Ton Ten Securities As of 12-2023

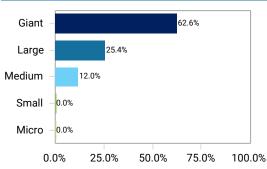




50.0%

100.0%

150.0%



Top Ten Securities As of 12-2023	
Apple Inc	13.0 %
Microsoft Corp	12.8 %
Amazon.com Inc	6.5 %
NVIDIA Corp	5.3 %
Alphabet Inc Class A	3.8 %
Meta Platforms Inc Class A	3.6 %
Alphabet Inc Class C	3.1 %
Tesla Inc	3.1 %
Eli Lilly and Co	2.3 %
Visa Inc Class A	1.8 %
Total	55.2 %



## **VANGUARD MID CAP INDEX INSTITUTIONAL**

#### **Fund Information**

Fund Family: Vanguard
Ticker: VMCIX
Inception Date: May-98
Portfolio Turnover: 12%

0.0%

Fund Name:

Portfolio Assets: \$21,868 Million
Portfolio Manager: Choi,A/Denis,A/Khan,A
PM Tenure: 2 Years 5 Months
Fund Assets: \$155,462 Million

Fund Characteristics As of 12-2023		
Total Securities	336	
Avg. Market Cap	\$27,667 Million	
P/E	17.9	
P/B	2.7	
Div. Yield	1.7%	

#### **Fund Investment Policy**

The investment seeks to track the performance of the CRSP US Mid Cap Index that measures the investment return of mid-capitalization stocks.

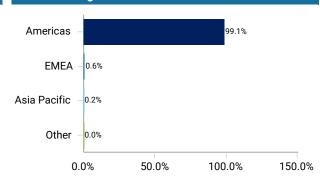
# Equity — 99.3% Cash — 0.8% Fixed Income — 0.0%

50.0%

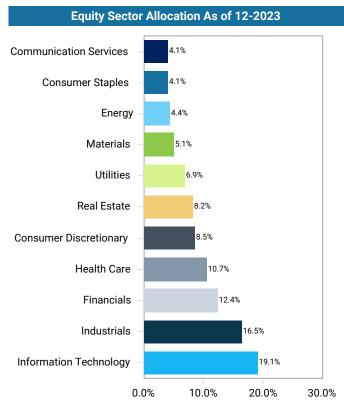
100.0%

150.0%

Vanguard Mid Cap Index Institutional



Regional Allocation As of 12-2023





Top Ten Securities As of 12-2023	
Amphenol Corp Class A	0.9 %
Arista Networks Inc	0.8 %
TransDigm Group Inc	0.8 %
Cintas Corp	0.8 %
Motorola Solutions Inc	0.7 %
PACCAR Inc	0.7 %
Welltower Inc	0.7 %
Microchip Technology Inc	0.7 %
Arthur J. Gallagher & Co	0.7 %
Carrier Global Corp Ordinary Shares	0.7 %
Total	7.5 %



### **DFA US TARGETED VALUE I**

#### **Fund Information**

Fund Name: DFA US Targeted Value I
Fund Family: Dimensional Fund Advisors

Ticker: DFFVX
Inception Date: Feb-00
Portfolio Turnover: 18%

Portfolio Assets: \$13,038 Million

Portfolio Manager: Fogdall, J/Leblond, M/Schneider, J

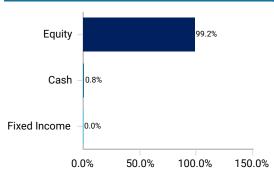
PM Tenure: 11 Years 10 Months Fund Assets: \$13,038 Million

Fund Characteristics As of 12-2023		
<b>Total Securities</b>	1,396	
Avg. Market Cap	\$2,886 Million	
P/E	9.9	
P/B	1.1	
Div. Yield	2.3%	

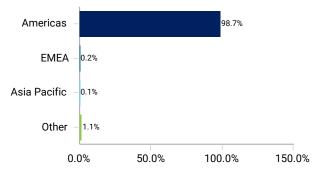
#### **Fund Investment Policy**

The investment seeks long-term capital appreciation.

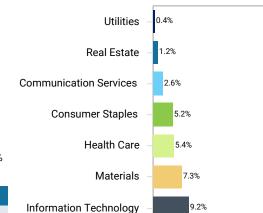
#### Asset Allocation As of 11-2023





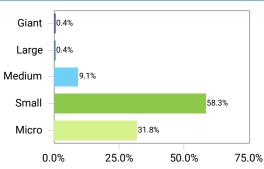


#### **Equity Sector Allocation As of 11-2023**

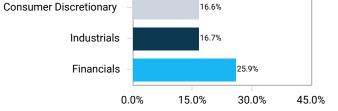


Energy





Top Ten Securities As of 11-2	2023
Future on E-mini S&P 500 Futures	0.9 %
Toll Brothers Inc	0.9 %
HF Sinclair Corp	0.6 %
Knight-Swift Transportation Ho	0.6 %
Penske Automotive Group Inc	0.6 %
Arrow Electronics Inc	0.6 %
Range Resources Corp	0.6 %
Unum Group	0.6 %
Amkor Technology Inc	0.5 %
Murphy Oil Corp	0.5 %
Total	6.4 %



9.5%



## T. ROWE PRICE NEW HORIZONS I

#### **Fund Information**

0.0%

Fund Family: T. Rowe Price
Ticker: PRJIX

T. Rowe Price New Horizons I

Inception Date : Aug-15
Portfolio Turnover : 53%

Fund Name:

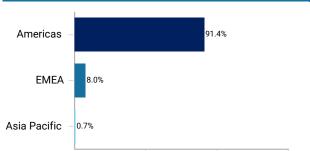
Portfolio Assets: \$12,062 Million
Portfolio Manager: Spencer,J
PM Tenure: 4 Years 9 Months
Fund Assets: \$24,750 Million

Fund Characteristics As of 12-2023		
Total Securities	141	
Avg. Market Cap	\$12,463 Million	
P/E	31.4	
P/B	4.6	
Div. Yield	0.3%	

#### **Fund Investment Policy**

The investment seeks long-term capital growth.





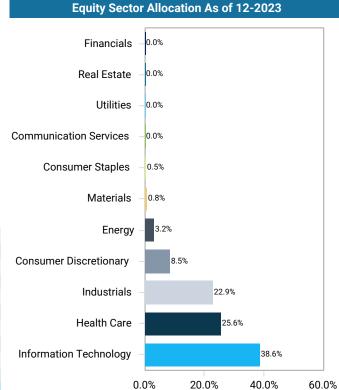
50.0%

Ton Ten Securities As of 12-2023

100.0%

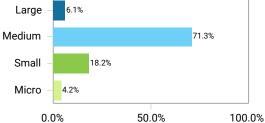
150.0%

Regional Allocation As of 12-2023



Giant –	0.2%
Large –	6.1%

**Market Capitalization As of 12-2023** 



Top Tell Securities As of 12 2025		
Aggregate Miscellaneous Equity	4.9 %	
T. Rowe Price Gov. Reserve	4.1 %	
Entegris Inc	3.0 %	
Ceridian HCM Holding Inc	2.9 %	
Teledyne Technologies Inc	2.8 %	
Paylocity Holding Corp	2.7 %	
IDEX Corp	2.5 %	
HubSpot Inc	2.4 %	
Five Below Inc	2.4 %	
Ingersoll Rand Inc	2.4 %	
Total	30.1 %	



## **DODGE & COX INTERNATIONAL STOCK I**

#### **Fund Information**

Fund Name : Dodge & Cox International Stock I

Fund Family: Dodge & Cox
Ticker: DODFX
Inception Date: May-01
Portfolio Turnover: 12%

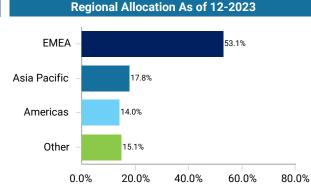
Portfolio Assets: \$40,204 Million
Portfolio Manager: Team Managed
PM Tenure: 19 Years 11 Months
Fund Assets: \$47,355 Million

Fund Characteristics As of 12-2023		
Total Securities	93	
Avg. Market Cap	\$51,364 Million	
P/E	10.0	
P/B	1.2	
Div. Yield	3.5%	

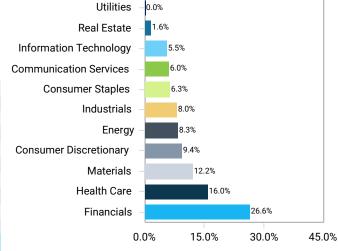
#### **Fund Investment Policy**

The investment seeks long-term growth of principal and income.











Top Ten Securities As of 12-2023		
BNP Paribas Act. Cat.A	3.3 %	
Sanofi SA	3.3 %	
UBS Group AG	3.3 %	
Banco Santander SA	3.2 %	
Novartis AG Registered Shares	3.2 %	
TotalEnergies SE	2.8 %	
Holcim Ltd	2.7 %	
GSK PLC	2.7 %	
Itau Unibanco Holding SA Parti	2.6 %	
Prosus NV Ordinary Shares - Class	2.4 %	
Total	29.4 %	



### **VANGUARD INTERNATIONAL GROWTH ADM**

#### **Fund Information**

Fund Name : Vanguard International Growth Adm

Fund Family: Vanguard
Ticker: VWILX
Inception Date: Aug-01
Portfolio Turnover: 14%

Portfolio Assets: \$36,684 Million
Portfolio Manager: Team Managed
PM Tenure: 14 Years
Fund Assets: \$43,558 Million

Fund Characteristics As of 12-2023			
Total Securities	158		
Avg. Market Cap	\$54,714 Million		
P/E	19.0		
P/B	2.9		
Div. Yield	1.4%		

#### **Fund Investment Policy**

The investment seeks to provide long-term capital appreciation.



Market Capitalization As of 09-2023

26.3%

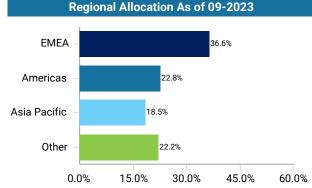
20.8%

25.0%

52.5%

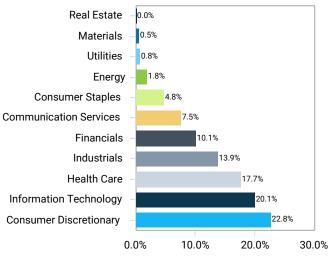
50.0%

75.0%











Giant

Large

Small

Micro

0.4%

0.0%

0.0%

Medium

## **FEE SCHEDULE**

Account Name	Fee Schedule	Estimated Annual Fee (%)
Total Fund Composite		0.29
JPMorgan SmartRetirement Blend Income (JIYBX)	0.19 % of Assets	0.19
JPMorgan SmartRetirement Blend 2020 (JSYRX)	0.19 % of Assets	0.19
JPMorgan SmartRetirement Blend 2025 (JBYSX)	0.19 % of Assets	0.19
JPMorgan SmartRetirement Blend 2030 (JRBYX)	0.19 % of Assets	0.19
JPMorgan SmartRetirement Blend 2035 (JPYRX)	0.19 % of Assets	0.19
JPMorgan SmartRetirement Blend 2040 (JOBYX)	0.19 % of Assets	0.19
JPMorgan SmartRetirement Blend 2045 (JMYAX)	0.19 % of Assets	0.19
JPMorgan SmartRetirement Blend 2050 (JNYAX)	0.19 % of Assets	0.19
JPMorgan SmartRetirement Blend 2055 (JTYBX)	0.19 % of Assets	0.19
JPMorgan SmartRetirement Blend 2060 (JAAYX)	0.19 % of Assets	0.19
Transamerica Stable Value	N/A	
Transamerica Guaranteed Investment Option	N/A	
MetWest Total Return Bond (MWTIX)	0.45 % of Assets	0.45
Vanguard Inflation Protected Securites Fund (VIPIX)	0.07 % of Assets	0.07
American Beacon Large Cap Value Fund (AALRX)	0.58 % of Assets	0.58
Fidelity Spartan 500 Index (FXAIX)	0.02 % of Assets	0.02
Neuberger Berman Socially Responsive Investing (NRSRX)	0.59 % of Assets	0.59
Vanguard Growth Index Fund Institutional Shares	0.04 % of Assets	0.04
Vanguard Mid-Cap Index Fund Institutional Shares (VMCIX)	0.04 % of Assets	0.04
Dimensional US Targeted Value Strategy (DFFVX)	0.29 % of Assets	0.29
T. Rowe Price New Horizons (PRJIX)	0.65 % of Assets	0.65
Dodge & Cox International (DODFX)	0.63 % of Assets	0.63
Vanguard International-Growth (VWILX)	0.32 % of Assets	0.32
Charles Schwab Personal Choice		

Transamerica Stable Value and Transamerica Guaranteed Investment Option use a variable spread fee"





## **2024 MARKET THEMES**

NEPC MARKET OUTLOOK



**Cost of Capital** 

Economy is not acclimated to long-term interest rate environment of 4% or higher



**Magnificent Seven** 

Priced for Perfection: Sky-high earnings growth expectations challenge potential valuation upside



**U.S. Fiscal Debt** 

Fundamentals suggest perpetual deficit cycle requires higher interest rates



**Artificial Intelligence** 

Al Proof Statement: Novel products and successful adoption will test valuations in 2024



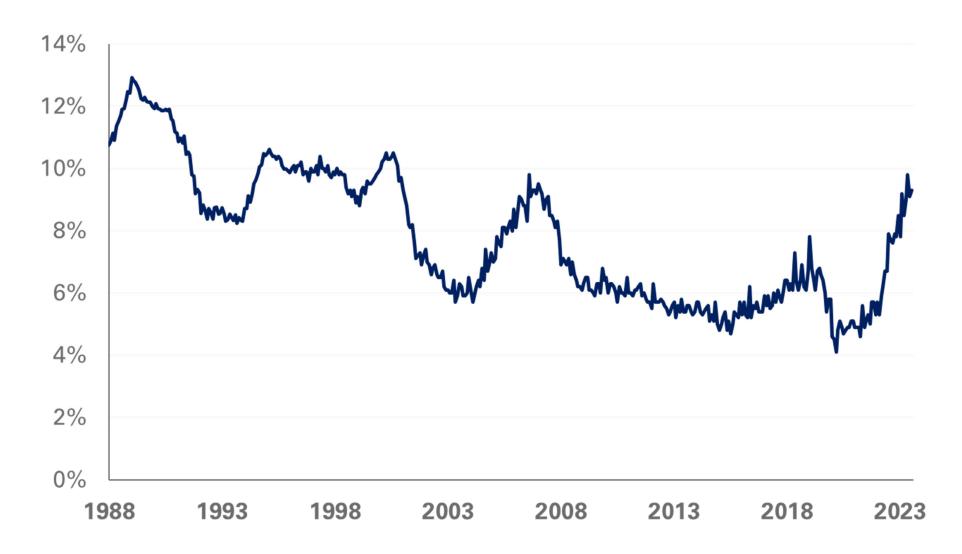
**Geopolitics** 

The speed of information amplifies tail risks; look to rebalance opportunities amid volatility



# SMALL BUSINESSES FEELING RATES PRESSURE

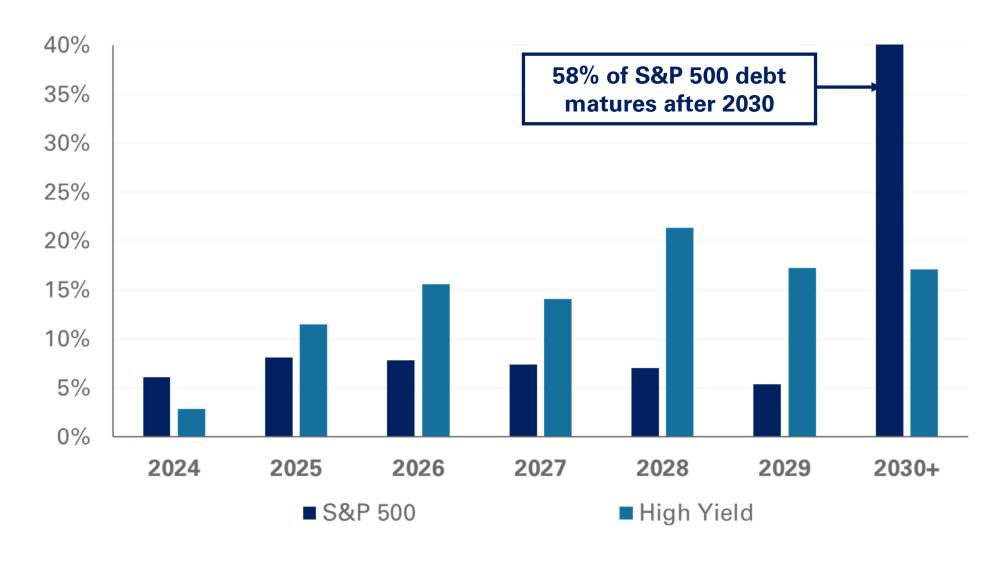
ACTUAL INT. RATE PAID ON SHORT-TERM LOANS





# FIXED RATE DEBT REFLECTS QUALITY PROFILE

DEBT MATURITIES OF HIGH YIELD AND S&P 500 EX-FINANCIALS

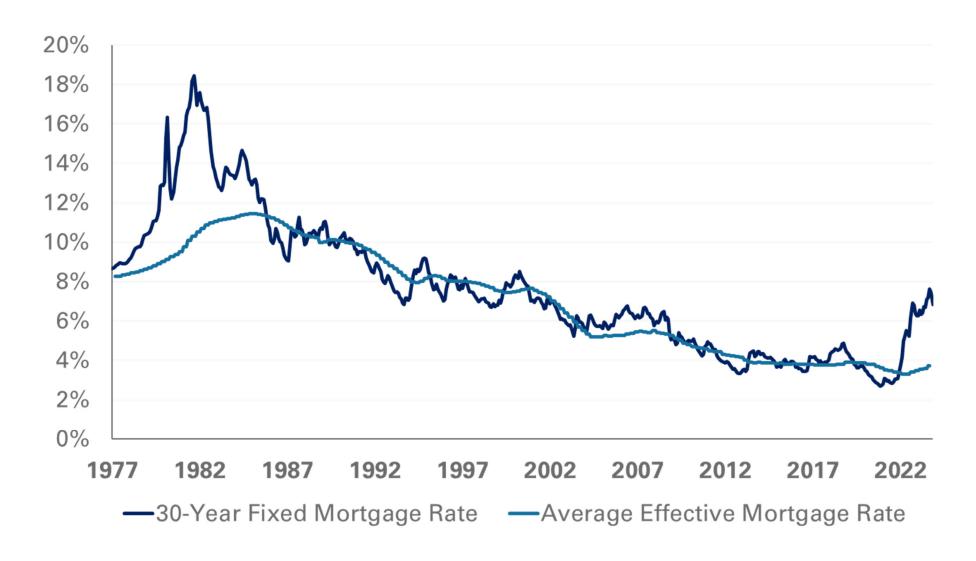




Source: S&P, Strategas

# MANY CONSUMERS SHIELDED FROM HIGH RATES

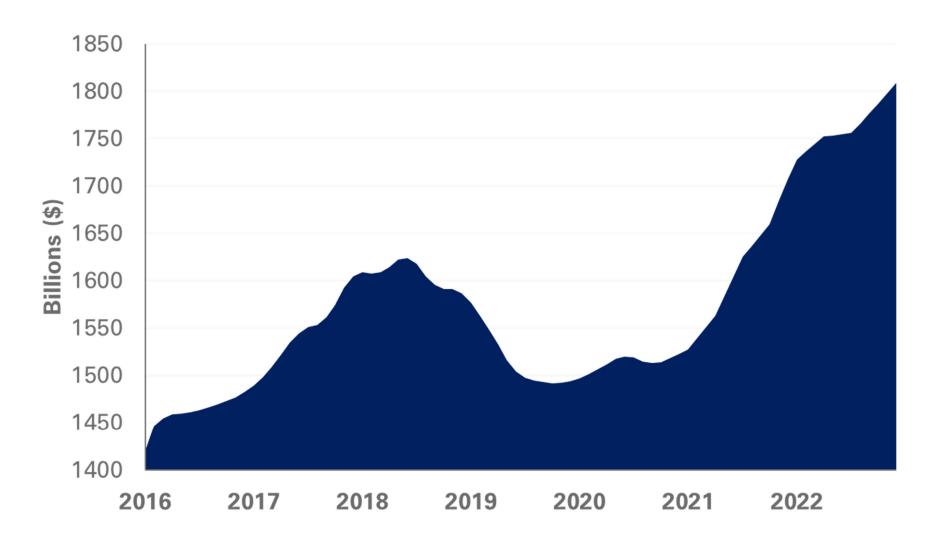
FIXED MORTGAGE RATE VS. AVERAGE OUTSTANDING RATES





# INTEREST INCOME CAN SUPPORT CONSUMPTION

## PERSONAL INTEREST INCOME FROM ASSETS





## PORTFOLIO CONSIDERATIONS

2024 MARKET THEMES

**Economic impact from cost of capital increases has been mitigated due to termed-out debt for many economic participants** 

Benefits of fixed rate mortgages and higher interest income flowing through to higher income and consumer spending

Public markets are framed by fixed rate vs floating rate borrowers and the spectrum of a delayed reaction function to higher interest rates

Premium is placed on free cash flow generators and stable EBITDA companies that are not exposed to debt markets



# **MAGNIFICENT SEVEN**

2024 MARKET THEMES

Unprecedented Size	Massive Scale; Just 7 companies account for 28% of the S&P 500 Index
Priced For Perfection	Sky-high earnings growth expectations offer limited upside at current valuations
Free Cash Flow Cows	Operating cash flows and revenue quality insulated names from higher rates
Tech Dominance	Pioneers of tech in their own right, but new tech advances can usurp them
Nifty Fifty Vibes	Historically, growth at this size becomes harder and darling stocks tend to fade



# ...AND WHAT HAVE THEY DONE IN 2023?

### 2023 MARGINAL PERFORMANCE



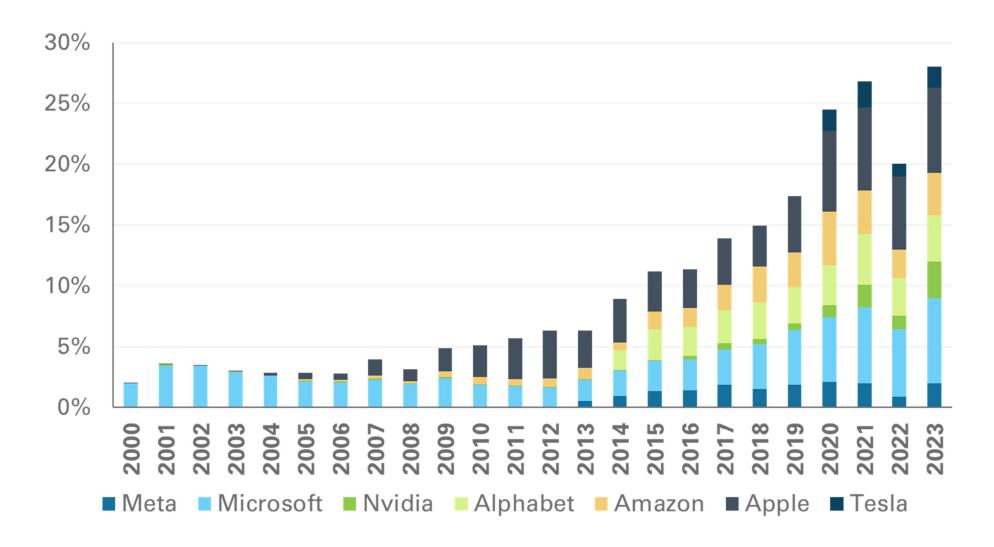


Source: FactSet, NEPC

Performance is based on marginal portfolios of each subset of the index based on daily performance and weights

## ...AND HOW HAS THAT CHANGED THE INDEX?

S&P 500 INDEX WEIGHTS OF MAGNIFICENT 7 STOCKS

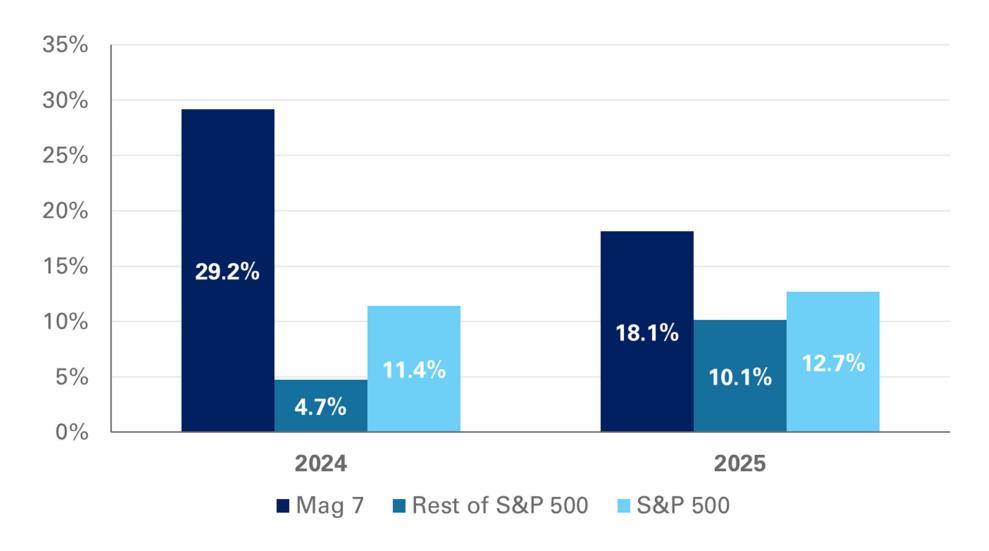




Source: FactSet, NEPC
Based on index weights on December 31 each year

# **MARKET EXPECTS CONTINUED MAG 7 GROWTH**

### CONSENSUS BOTTOMS UP EARNINGS GROWTH ESTIMATES





## PORTFOLIO CONSIDERATIONS

2024 MARKET THEMES

Investors are forced to address questions around the Magnificent Seven as a global 60/40 portfolio holds an overall ~10% position

The Magnificent Seven face their own unique risks; Regulatory scrutiny, Antitrust actions, China revenue exposure, "Priced for Perfection"

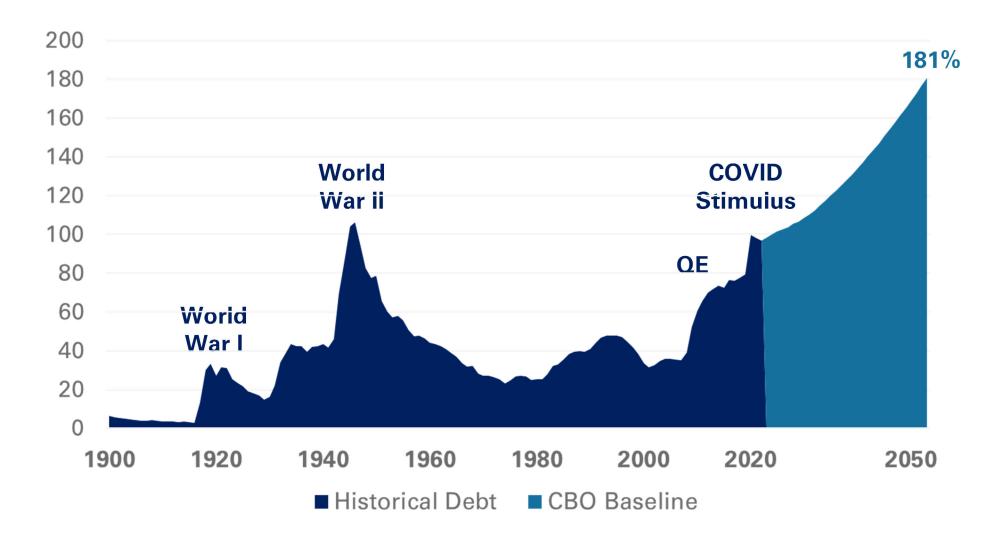
History shows high company concentration in equity markets reverts to a more balanced landscape (e.g. 1970's Nifty Fifty, 1990's Dot-Com)

We expect the S&P 500 ex Magnificent 7 to outperform in the coming years and prefer a fundamental value exposure for implementation



# AN UNSUSTAINABLE PATH

### FEDERAL DEBT HELD BY THE PUBLIC AS PERCENTAGE OF GDP

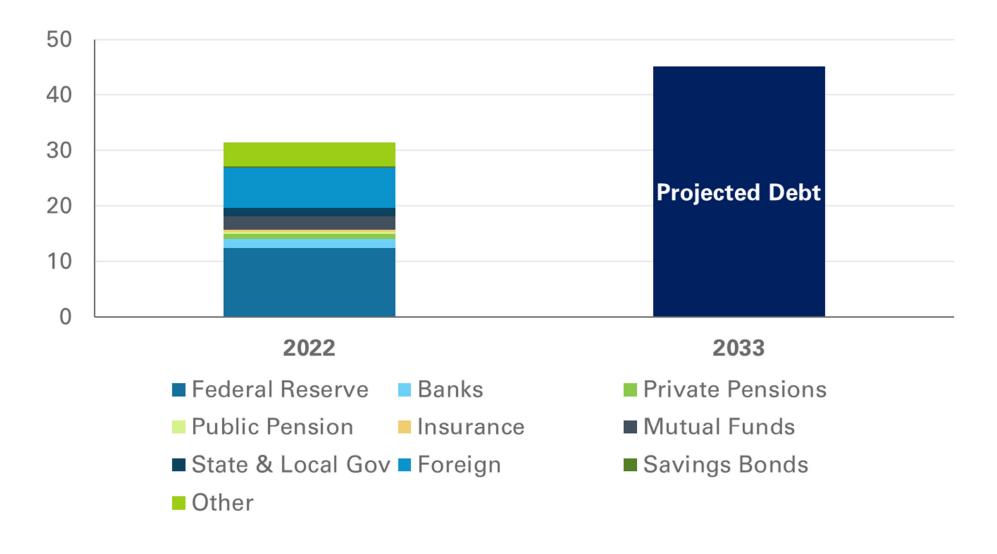




Source: Congressional Budget Office, NEPC Interest rate paths are relative to CBO Baseline and based on an effective interest rate paid on debt

## WHO'S GOING TO BUY ALL THIS DEBT?

## OWNERSHIP OF U.S. TREASURY SECURITIES IN TRILLIONS





Source: U.S. Treasury, Congressional Budget Office As of December 31

## PORTFOLIO CONSIDERATIONS

2024 MARKET THEMES: U.S. FISCAL DEBT PROFILE

Developed markets have been unable to unwind excess government spending post-COVID and the path forward appears unsustainable

Perpetual deficits require outsized Treasury issuance which will put upward pressure on interest rates and potentially inflation

There are explicit ways to deal with the debt (higher taxes, lower spending) and implicit ways (higher nominal growth)

We expect higher for longer interest rate levels and rate volatility to be challenging due to higher Treasury issuance



# **ARTIFICIAL INTELLIGENCE**

2024 MARKET THEMES

Al as a Tool	Artificial Intelligence will be used with humans rather than replace humans
Productivity Gains	Adoption of Al may boost real economic growth and enhance productivity
Impact is Beyond Tech Sector	Current market has favored tech sector, broader industry effects remain unknown
Al Proof Statement	Novel products and successful Al adoption will test valuations in 2024
Geopolitics May Alter Adoption	Costs for semiconductors, data, regulation could slow adoption



# INTEREST IN AI EXTENDS PAST TECH COMPANIES

AI MENTIONED ON EARNINGS REPORT IN RUSSELL 3000





Source: Russell, FactSet

## PORTFOLIO CONSIDERATIONS

2024 MARKET THEMES: ARTIFICIAL INTELLIGENCE

If AI is the next technological revolution, we could see higher real growth, greater economic productivity, and lower inflation levels

The U.S. is best positioned to benefit from AI due to a friendly regulatory environment and accessibility to key technology inputs

Ongoing demand for semiconductors and companies' ability to adopt Al into their operating models will test equity valuations

Downstream impacts from AI have yet to be seen and proof of adoption outside of the technology sector is a key test



# HEIGHTENED GEOPOLITICAL RISK

2024 MARKET THEMES



**Instant Transmission** of (Mis)Information

The speed of information amplifies tail risks and introduces uncertainty



Market Impact of Geopolitics

Historically, geopolitics have a short-lived market impact following a flash point



**The Balance of Power** 

Geopolitical alignments must be chosen by countries caught in the middle



2024 Global Election "Supercycle"

Elections increase the likelihood of geopolitical surprises for the market



Rebalance Opportunities

Find opportunities amid volatility around geopolitical events and election outcomes



## 2024 GEOPOLITICAL FLASHPOINTS

### ESCALATION RISK IS KEY FOR CAPITAL MARKETS



## **Potential Economic and Market Impact:**









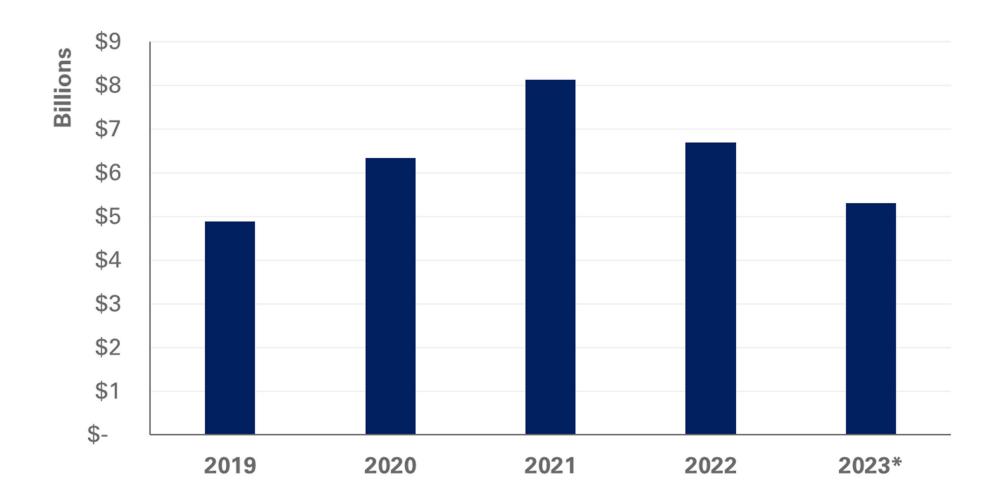






# **U.S.-CHINA RELATIONS ARE EVER-PRESENT**

## SEMICONDUCTOR-RELATED EXPORTS FROM THE U.S. TO CHINA

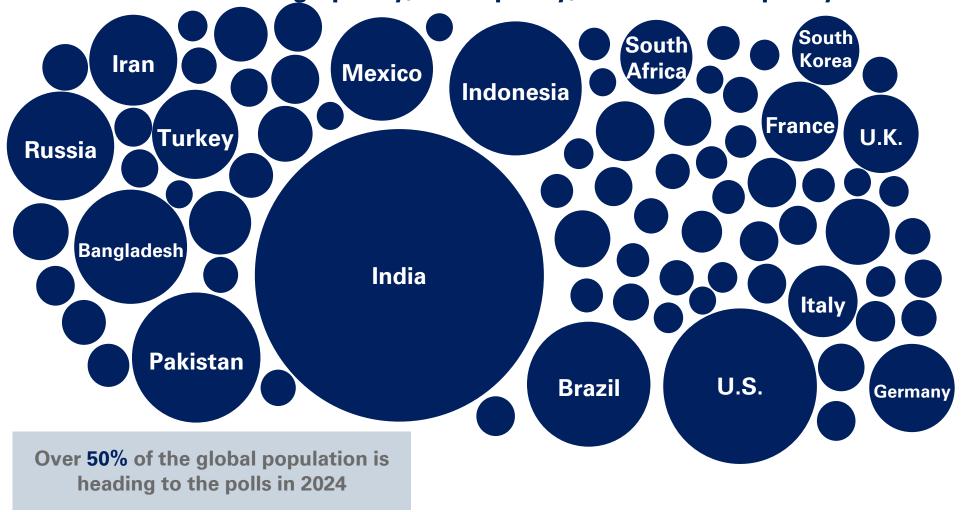




Notes: 2023 assumes fourth quarter exports is an average of the first three quarters of 2023 Semiconductor is based on FAS value for HTS Codes: 8541, 9030.92.00, 9031.41, 8480.71.40.00, and 8486 Source: U.S. International Trade Commission

# A GLOBAL ELECTION CYCLE COMPLICATES THINGS

 An election "supercycle" in 2024 widens the range of outcomes associated with foreign policy, trade policy, and domestic policy





Notes: Includes the European Union member states that will elect the next Parliament in June 2024. Size of bubble denotes size of population for voting country. Source: FactSet

## PORTFOLIO CONSIDERATIONS

#### 2024 MARKET THEMES

We do not expect geopolitical events or elections will warrant an investment action; brace for market volatility should tensions escalate

**Embrace portfolio diversification** as elevated geopolitical uncertainty introduces the potential for market surprises

Elevated tensions are intensifying geopolitical alliances; "swing states" represent a catalyst for geopolitical tensions

We recommend maintaining a 50% strategic hedging target for developed market currencies, which can help mitigate portfolio volatility





## **ASSET CLASS ASSUMPTIONS**

#### **OVERVIEW**

- NEPC's capital market assumptions are available each quarter and reflect December 31, 2023 market data
- Valuation expansion weighed on forward-looking return expectations for global equity markets
- Interest rate volatility persisted; forward rate and inflation expectations appear suppressed relative to the resilient U.S. economic backdrop
- NEPC remains biased to a higher interest rate and stickier inflation environment than current market pricing
- We recommend adding strategic U.S. TIPS exposure: the outlook is favorable at current real yields and breakeven inflation levels
- Public fixed income expected returns continue to offer an attractive risk-return profile relative to public equities



## **ASSET CLASS ASSUMPTIONS**

#### DEVELOPMENT

- Assumptions are published for over 70 asset classes
  - NEPC publishes return forecasts for 10-year and 30-year periods
- Market data as of 12/31/2023
  - Assumptions are developed with NEPC valuations models and rely on a building block approach
- The 10-year return outlook is intended to support strategic asset allocation analysis
- 30-year return assumptions are used for actuarial inputs and long-term planning

#### **Asset Allocation Process**

- 1. Finalize list of new asset classes
- 2. Calculate asset class volatility and correlation assumptions
- 3. Set model terminal values, growth, and inflation inputs
- 4. Model data updated at quarter-end
- Review model outputs and produce asset class return assumptions
- 6. Assumptions released on the 15<sup>th</sup> calendar day after quarter-end



# **ASSET CLASS BUILDING BLOCKS**

#### **METHODOLOGY**

- Asset models reflect current and forecasted market data to inform expected returns
- Systematic inputs are paired with a long-term trend to terminal values
- Model inputs are aggregated to capture key return drivers for each asset class
- Building block inputs will differ across asset class categories

**Illiquidity Premium Valuation** Inflation **Real Growth** Yield



# **CORE ASSET CLASS RETURN ASSUMPTIONS**

	Asset Class	12/31/23 10-Year Return	12/31/22 10-Year Return	Delta
	Cash	3.9%	4.0%	-0.1%
	U.S. Inflation	2.6%	2.5%	+0.1%
	U.S. Large-Cap Equity	4.4%	5.4%	-1.0%
	Non-U.S. Developed Equity	4.6%	5.6%	-1.0%
Equity	Emerging Market Equity	8.6%	9.6%	-1.0%
	Global Equity*	5.4%	6.3%	-0.9%
	Private Equity*	9.0%	9.2%	-0.2%
	U.S. Treasury Bond	4.2%	4.2%	-
	U.S. Municipal Bond	3.5%	4.4%	-0.9%
Fixed	U.S. Aggregate Bond*	4.6%	4.8%	-0.2%
Income	U.S. TIPS	4.6%	4.4%	+0.2%
	U.S. High Yield Corporate Bond	6.1%	7.1%	-1.0%
	Private Debt*	8.3%	8.8%	-0.5%
	Commodity Futures	4.6%	4.2%	+0.4%
Dool	REIT	6.0%	6.2%	-0.2%
Real Assets	Gold	4.9%	5.1%	-0.2%
ASSELS	Real Estate - Core	5.4%	4.0%	+1.4%
	Private Real Assets - Infrastructure	6.8%	6.6%	+0.2%
N/Il.4.	60% S&P 500 & 40% U.S. Aggregate	4.8%	5.3%	-0.5%
Multi- Asset	60% MSCI ACWI & 40% U.S. Agg.	5.4%	6.0%	-0.6%
ASSEL	Hedge Fund*	6.1%	6.5%	-0.4%



<sup>\*</sup>Calculated as a blend of other asset classes

# **PUBLIC EQUITY ASSUMPTIONS**

## **BUILDING BLOCKS**

Illiquidity Premium	The return expected for assets with illiquidity risk
Valuation	Represents P/E multiple contraction or expansion relative to long-term trend
Inflation	Market-specific inflation based on country-level revenue exposure
Real Earnings Growth	Market-specific real growth based on a weighted-average of country revenue exposure and GDP growth
Dividend Yield	Income distributed to shareholders adjusted to reflect market trends

Asset Class	12/31/23 10-Yr Return	12-Month Change
U.S. Large-Cap Equity	4.4%	-1.0%
U.S. Small/Mid-Cap Equity	6.0%	-0.5%
Non-U.S. Developed Equity	4.6%	-1.0%
Non-U.S. Developed Small-Cap Equity	6.4%	-0.3%
Emerging Market Equity	8.6%	-1.0%
Emerging Market Small-Cap Equity	7.9%	-1.4%
China Equity	9.9%	+1.2%
Hedge Fund - Equity	5.5%	-0.5%
Global Equity*	5.4%	-0.9%
Private Equity*	9.0%	-0.2%

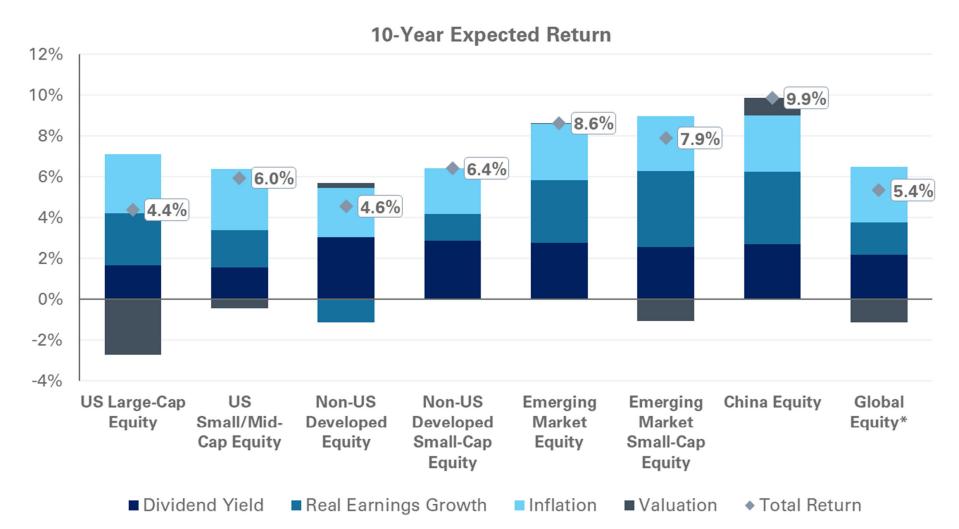


Source: NEPC

\*Calculated as a blend of other asset classes

# **PUBLIC EQUITY**

### **BUILDING BLOCKS**





Source: NEPC

\*Calculated as a blend of other classes

# **FIXED INCOME ASSUMPTIONS**

## **BUILDING BLOCKS**

Illiquidity Premium	The return expected for assets with illiquidity risk
Government Rates Price Change	Change due to shifts in current yields relative to forecasted rates
Credit Deterioration	The average loss for credit assets due to defaults and recovery rates
Spread Price Change	Valuation change due to changes in credit spreads relative to long-term targets
Credit Spread	Yield premium provided by securities with credit risk
Government Rates	The yield attributed to sovereign bonds that do not have credit risk

Asset Class	12/31/23 10-Yr Return	12-Month Change
U.S. TIPS	4.6%	+0.2%
U.S. Treasury Bond	4.2%	-
U.S. Corporate Bond	5.3%	-0.6%
U.S. MBS	4.4%	-0.1%
U.S. High Yield Corporate	6.1%	-1.0%
U.S. Leveraged Loan	7.2%	-0.6%
EMD External Debt	7.1%	-
EMD Local Currency Debt	6.1%	-1.1%
Non-U.S. Govt. Bond	2.4%	-0.2%
U.S. Muni Bond (1-10 Year)	2.9%	-0.3%
U.S. High Yield Muni Bond	4.5%	-1.2%
Hedge Fund – Credit	6.6%	-0.5%
U.S. Aggregate Bond*	4.6%	-0.2%
Private Debt*	8.3%	-0.5%

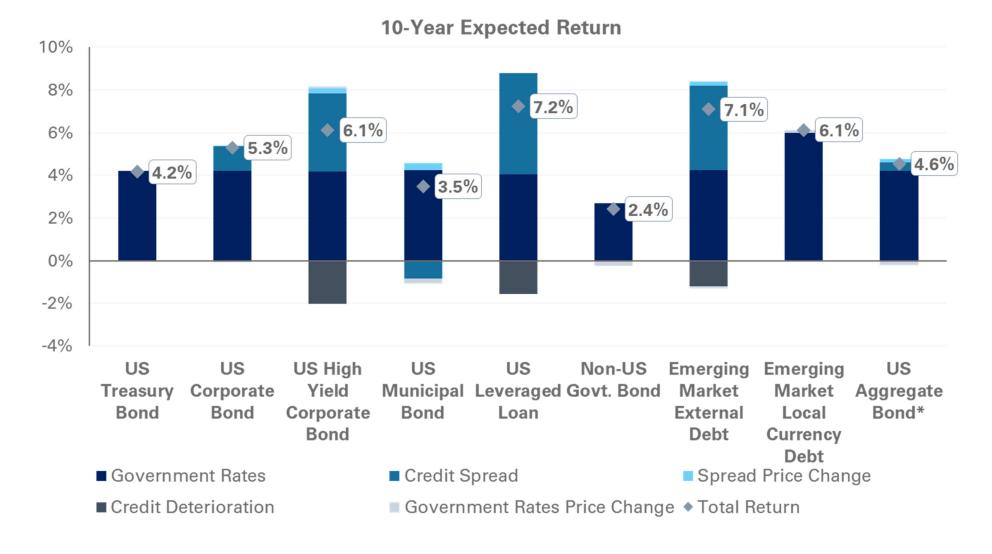


Source: NEPC

<sup>\*</sup>Calculated as a blend of other asset classes

# **FIXED INCOME**

### **BUILDING BLOCKS**



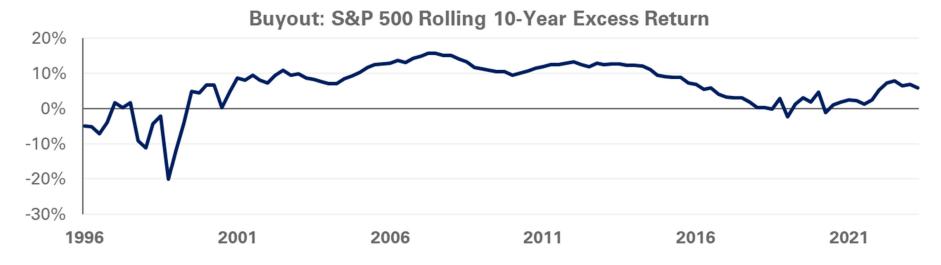


Source: NEPC

\*Calculated as a blend of other classes

## **ALTERNATIVE ASSETS**

#### **METHODOLOGY**

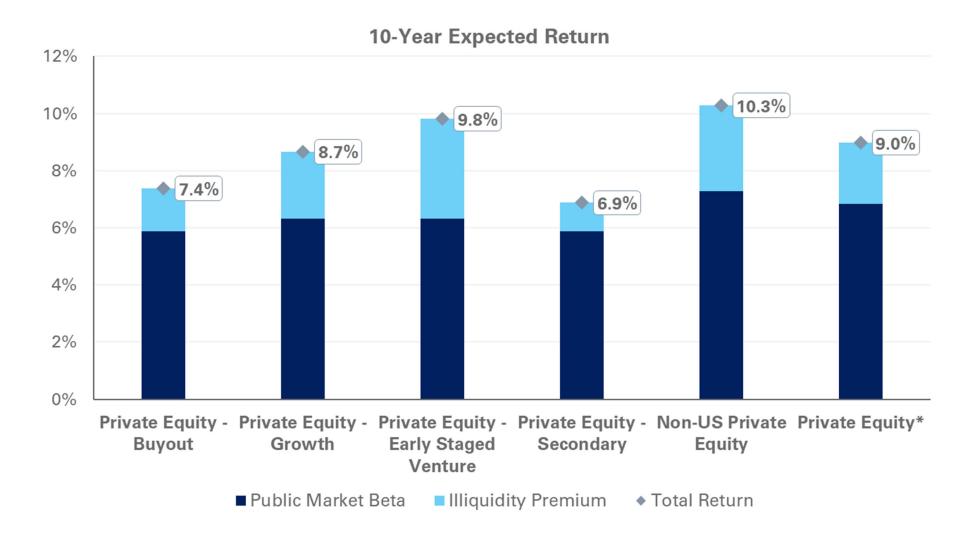


- Private market assumptions are constructed from public market betas with an added illiquidity premia
  - Historically, the observed illiquidity premium has been a significant component driving private market returns



# **PRIVATE EQUITY**

### **BUILDING BLOCKS**



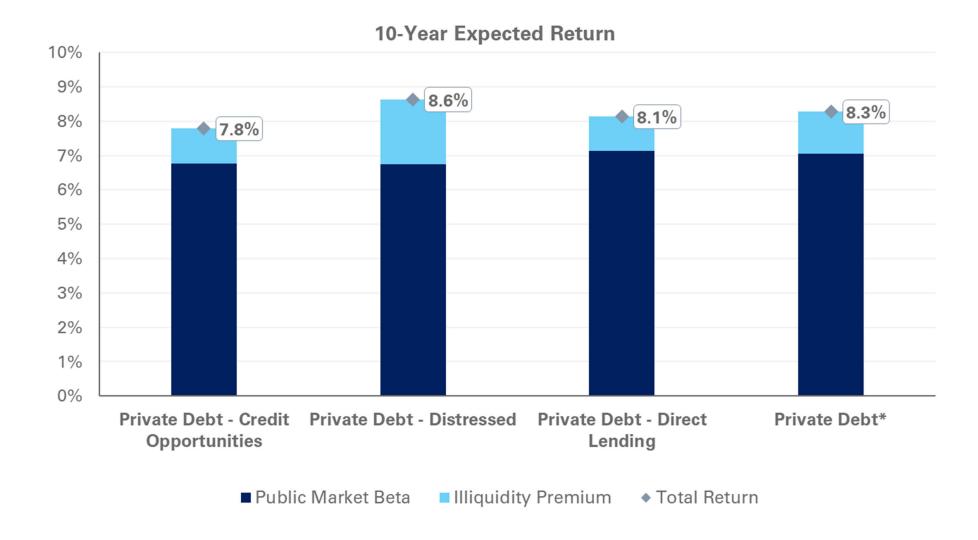


Source: NEPC

\*Private Equity is a derived composite of 34% U.S. Buyout, 34% U.S. Growth, 8.5% U.S. Secondary, 8.5% U.S. Venture, 15% Non-U.S. PE

# **PRIVATE DEBT**

### **BUILDING BLOCKS**





Source: NEPC

\*Private Debt is a derived composite of 25% Mezzanine, 25% Distressed, 50% Direct Lending



# **GLOSSARY OF TERMS**

**Alpha** - Measures the relationship between the fund performance and the performance of another fund or benchmark index and equals the excess return while the other fund or benchmark index is zero.

**Alpha Jensen** - The average return on a portfolio over and above that predicted by the capital asset pricing model (CAPM), given the portfolio's beta and the average market return. Also known as the abnormal return or the risk adjusted excess return.

**Annualized Excess Return over Benchmark** - Annualized fund return minus the annualized benchmark return for the calculated return.

**Annualized Return** - A statistical technique whereby returns covering periods greater than one year are converted to cover a 12 month time span.

**Beta** - Measures the volatility or systematic risk and is equal to the change in the fund's performance in relation to the change in the assigned index's performance.

Information Ratio - A measure of the risk adjusted return of a financial security, asset, or portfolio.

#### Formula:

(Annualized Return of Portfolio - Annualized Return of Benchmark)/Annualized Standard Deviation(Period Portfolio Return - Period Benchmark Return). To annualize standard deviation, multiply the deviation by the square root of the number of periods per year where monthly returns per year equals 12 and quarterly returns is four periods per year.

R-Squared – Represents the percentage of a fund's movements that can be explained by movements in an index. R-Squared values range from 0 to 100. An R-Squared of 100 denotes that all movements of a fund are completely explained by movements in the index.

**Sharpe Ratio** - A measure of the excess return or risk premium per unit of risk in an investment asset or trading strategy.

**Sortino Ratio** - A method to differentiate between good and bad volatility in the Sharpe Ratio. The differentiation of up and down volatility allows the calculation to provide a risk adjusted measure of a security or fund's performance without upward price change penalties.

#### Formula:

Calculation Average (X-Y)/Downside Deviation (X-Y) \* 2 Where X=Return Series X Y = Return Series Y which is the risk free return (91 day T-bills) **Standard Deviation** - The standard deviation is a statistical term that describes the distribution of results. It is a commonly used measure of volatility of returns of a portfolio, asset class, or security. The higher the standard deviation the more volatile the returns are.

#### Formula:

(Annualized Return of Portfolio – Annualized Return of Risk Free) / Annualized Standard Deviation (Portfolio Returns)

**Tracking Error** - Tracking error, also known as residual risk, is a measure of the degree to which a portfolio tracks its benchmark. It is also a measure of consistency of excess returns. Tracking error is computed as the annualized standard deviation of the difference between a portfolio's return and that of its benchmark.

#### Formula:

Tracking Error = Standard Deviation  $(X-Y)^* \lor (\# \text{ of periods per year})$ Where X = periods portfolio return and Y = the period's benchmark returnFor monthly returns, the periods per year = 12 For quarterly returns, the periods per year = 4

**Treynor Ratio** - A risk-adjusted measure of return based on systematic risk. Similar to the Sharpe ratio with the difference being the Treynor ratio uses beta as the measurement of volatility.

#### Formula:

(Portfolio Average Return - Average Return of Risk-Free Rate)/Portfolio Beta

**Up/Down Capture Ratio** - A measure of what percentage of a market's returns is "captured" by a portfolio. For example, if the market declines 10% over some period, and the manager declines only 9%, then his or her capture ratio is 90%. In down markets, it is advantageous for a manager to have as low a capture ratio as possible. For up markets, the higher the capture ratio the better. Looking at capture ratios can provide insight into how a manager achieves excess returns. A value manager might typically have a lower capture ratio in both up and down markets, achieving excess returns by protecting on the downside, whereas a growth manager might fall more than the overall market in down markets, but achieve above-market returns in a rising market.

 $\label{eq:UpsideCapture} UpsideCapture = TotalReturn(FundReturns)/TotalReturns(BMReturn) \ when \ Period Benchmark \ Return \ is \ > = 0$ 

 $Downside Capture = Total Return (Fund Returns)/Total Returns (BMR eturn) \ when Benchmark < 0$ 



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Past performance is no guarantee of future results.

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All investments carry some level of risk. Diversification and other asset allocation techniques do not ensure profit or protect against losses.

