

Asset Allocation Policy Options Analyzed¹

	P&F Interim (%)	Staff (%)	Proposed Staff Change (%)	Proposed Staff Target Range (%)	Meketa ² (%)
Growth	64	56	-8	50 - 70	57
U.S. Equity	16	13	-3		14
Developed Market Equity (non-U.S.)	12	8	-4		4
Emerging Market Equity	6	10	+4		10
High Yield Bonds	2	--	-2		0
Bank Loans	2	--	-2		1
Emerging Market Bonds	4	3	-1		3
Total Private Assets ³	22	22	--		25
Zero Beta	8	32	+24	10 - 35	23
Hedge Funds	6	7	+1		8
Short-term Investment Grade Bonds	2	25	+23		15
Cash	--	--	--		1
Other	28	12	-16	5 - 15	20
Core Real Estate	4	5	+1		5
Commodities	6	2	-4		3
Investment Grade Bonds	13	3	-10		5
Long-term Government Bonds	3	--	-3		5
TIPS	2	2	--		3
<i>Expected Return</i>	7.08	7.06	-0.02		7.19
<i>Standard Deviation</i>	12.05	11.76	-0.29		11.14
<i>Sharpe Ratio</i>	0.35	0.35	--		0.38
<i>Probability of Achieving 6.875% over 20 Years</i>	52.61	52.31	-0.30		54.54

¹ Expected return and standard deviation are based upon Meketa Investment Group's 2018 Annual Asset Study. Throughout this document, returns for periods longer than one year are annualized.

² Column may not sum to 100% due to rounding.

³ Total Private Assets includes Private Equity, Private Debt, Value Added Real Estate, Opportunistic Real Estate, and Infrastructure.