

## 2013 Asset Allocation

	Allocation as of 12/31/12	Current Target	Mix C	Mix D
<b>Cash</b>	3%	0%	1.5%	1.5%
Large Cap Equities	16%	13%	13%	20%
Small/Mid Cap Equities	0%	0%	0%	0%
Int'l Equities (Unhedged)	13%	10%	10%	10%
Emerging Int'l Equities	6%	9%	9%	12%
Global Equity	9%	0%	0%	0%
<b>Total Equity</b>	<b>44%</b>	<b>32%</b>	<b>32%</b>	<b>42%</b>
Core Bonds	9%	5%	5%	3%
High-Yield Bonds	4%	5%	4%	6%
Short Treasuries (1-3 yr)	1%	0%	0%	0%
Global Bonds (Unhedged)	3%	3%	3%	2%
EMD (External)	8%	0%	0.0%	0%
EMD (Local Currency)	0%	6%	6%	6%
TIPS	0%	4%	4%	3%
Global TIPS	6%	0%	0.0%	0%
Long Govt/Credit	8%	9%	8.5%	3%
Long Treasuries	1%	0%	0%	0%
<b>Total Fixed Income</b>	<b>41%</b>	<b>32%</b>	<b>30.5%</b>	<b>23%</b>
Private Equity	6%	5%	5%	7%
Private Debt	0%	3%	3%	3%
Real Estate (Core)	0%	8%	8%	6.5%
Hedge Funds Mod Vol	0%	10%	10%	11%
<b>Total Alternatives</b>	<b>7%</b>	<b>26%</b>	<b>26%</b>	<b>28%</b>
Global Asset Allocation	5%	7%	7%	4%
Commodities	0%	3%	3%	2%
<b>Total Other</b>	<b>5%</b>	<b>10%</b>	<b>10%</b>	<b>6%</b>

5-7 yr Return & Risk	<i>Geometric Expected Return</i>	6.1%	6.8%	6.7%	7.2%
	<i>Asset Volatility</i>	11.8%	11.1%	11.0%	12.7%
	<i>Sharpe Ratio</i>	0.45	0.54	0.54	0.51

30 yr Return	<i>Geometric Expected Return</i>	7.2%	7.5%	7.5%	8.0%
	<i>Sharpe Ratio</i>	0.35	0.41	0.41	0.39

