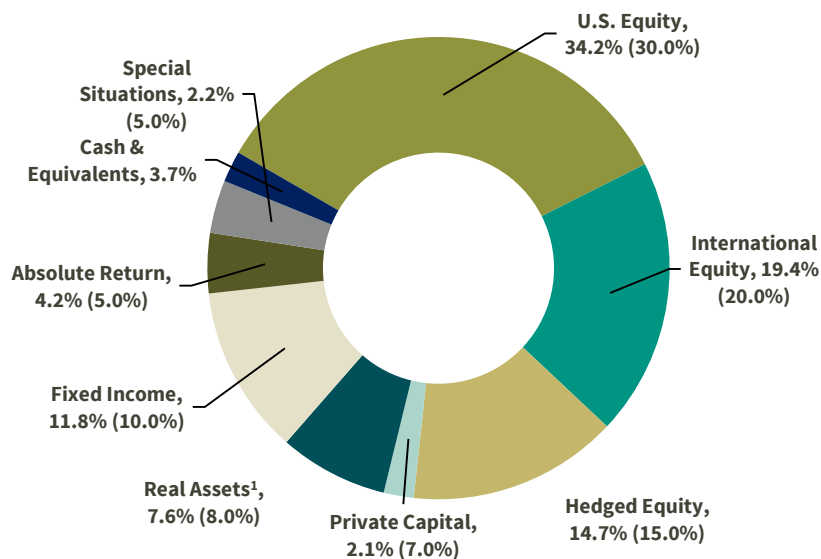


# CCF Long Term Pool Quarterly Performance Report – September 30, 2018

## Current/(Target) Asset Allocation



<sup>1</sup> Real Assets includes REITs, Private Real Estate, Private Energy and Commodity Equities

## Quarterly Commentary / Pool Attribution

Global equity markets rose during the third quarter of 2018, bolstered by strong corporate earnings and solid economic growth in both the U.S. and Developed Non-U.S. Markets. U.S. Equity Markets posted gains during the third quarter with all of the eleven S&P sectors generating positive returns, led by the Healthcare sector (+14.5%). The third quarter saw strong corporate earnings and economic data outweigh investor concerns regarding continued global trade tensions and rising interest rates. The U.S. Dollar appreciated against most major currencies. Developed Non-U.S. Markets, as measured by the MSCI EAFE Index, returned +1.4%. Emerging Markets, as measured by the MSCI Emerging Markets Index, returned -1.1% amid a strengthening U.S. dollar and continued fears of a global trade war.

**The Long Term Pool returned +2.4% during the quarter, outperforming its benchmark by 30 basis points.** Positive returns were mainly driven by the U.S. Equity and Hedged Equity allocations.

**The U.S. Equity composite lagged its benchmark by 50 basis points, returning +6.6%.** In absolute terms, Rothschild (+2.7%) was the weakest performer during the period.

**The International Equity composite lagged its benchmark by 130 basis points, returning -0.6%.** In absolute terms, Harding Loevner (-5.4%) was the worst performer during the period.

**The Hedged Equity composite outperformed its benchmark by 310 basis points, returning +2.0%.** Parametric was the top performer in absolute terms, returning +4.4%.

**The Inflation Hedge/Real Assets composite outperformed its benchmark by 40 basis points, returning -0.5%.** In absolute terms, the REIT equity manager, Vanguard (+0.6%), was the strongest performer of the public funds.

**The Fixed Income composite outperformed its benchmark by 80 basis points, returning -0.1%** with Loomis Sayles (+0.9%) being the top performer in absolute returns.

**The Absolute Return composite (+0.5%) outperformed its benchmark by 50 basis points.**

## Performance (Net of Fees<sup>1</sup>)

	3Q18/ Fiscal YTD	Calendar YTD	1 Year	3 Years	5 Years	10 Years	Since Inception (Jan-96)
<b>Long Term Pool (with Cardinal Pool history)<sup>2</sup></b>	<b>2.4%</b>	<b>3.7%</b>	<b>7.8%</b>	<b>10.2%</b>	<b>6.7%</b>	<b>6.5%</b>	<b>6.2%</b>
Benchmark <sup>3</sup>	2.1%	3.2%	7.0%	9.4%	6.6%	6.4%	6.8%

Returns greater than one year are annualized. The performance data features past performance, which is no guarantee of future results. Investment return and principal value of an investment will fluctuate; therefore you may have a gain or loss when you withdraw from your account.

<sup>1</sup>Pool performance is net of investment, custody and consulting fees. The estimated annual total investment, custody and consulting fee as of the end of the quarter was approximately 78 bps. Please note the fee is an estimate and actual fees may vary.

<sup>2</sup>Performance of the combined Cardinal and Cardinal Plus pools since the inception of the Cardinal Pool in January 1996.

<sup>3</sup>Benchmark: Effective 9/15 – 30% Russell 3000 Index, 20% MSCI ACWI ex US, 10% Bloomberg Barclays Global Aggregate, 15% HFRX Equity Hedge Index, 5% HFRX Absolute Return Index, 8% Inflation Hedge Benchmark, 7% Cambridge Private Equity Index, 5% T-Bills

