# New Hampshire Charitable Foundation Quarterly Investment Results

It is important to evaluate the following performance information with these facts in mind:

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- Past performance is not necessarily a guide to future performance.
- The performance data provided has not been adjusted to reflect CA's advisory fees and other investment related expenses<sup>1</sup>. The client's return will be reduced by the amount of such fees and expenses that are described in Part II of CA's Form ADV.



# **NHCF - Executive Summary**

As of March 31, 2018

			Final 4Q17				
	1Q 2018	Trailing 1 Year	Trailing 1 Year	Trailing 3 Years	Trailing 5 years	Trailing 15 years	Since Inception
NHCF Portfolio Total Assets*	0.3	9.3	13.9	5.6	6.9	8.1	7.4
NHCF Portfolio Total Assets (Est. 1Q18 PI)	0.2	9.2	-	5.5	6.9	8.1	7.4
Policy Benchmark	-0.5	11.1	16.5	6.0	7.0	8.0	7.6
70% MSCI ACWI / 30% BBG Barclays Agg	-1.0	10.7	17.5	6.1	7.1	7.9	6.8
C A Preliminary Endowment Median	-0.3	9.9	15.0	5.7	6.6	7.8	8.4
MSCI All Country World Index (Net)	-1.0	14.8	24.0	8.1	9.2	9.3	7.1
S&P 500 Index	-0.8	14.0	21.8	10.8	13.3	10.1	9.8
MSCI EAFE Index (Net)	-1.5	14.8	25.0	5.6	6.5	8.6	5.1
MSCI Emerging Markets Index (Net)	1.4	24.9	37.3	8.8	5.0	12.9	6.2
BBG Barclays Aggregate Bond Index	-1.5	1.2	3.5	1.2	1.8	3.9	5.4
S&P GSCI	2.2	13.8	5.8	-4.2	-11.9	-2.6	0.4

<sup>\*</sup>Note: NHCF's Performance assumes 0% return for Private Investments from January 1, 2018 – March 31, 2018. Private Investments represent an estimated 16.4% of the NHCF portfolio net asset value. 1Q18 PI is estimated to return -0.5%. Additional institutions have reported returns to C | A since the preliminary performance report was generated, causing the "C | A Preliminary Endowment Median" returns to differ from the values included in the preliminary performance report.

Assuming a -0.5% return for privates in 1Q, the trailing one year return estimate moves to 9.2%, trailing both the Policy benchmark and the 70/30.

#### Portfolio Observations

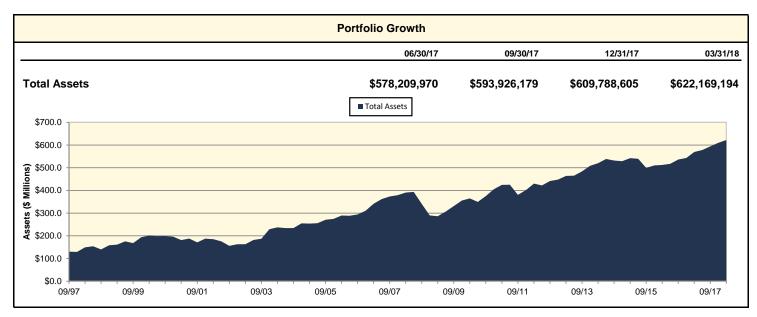
The portfolio generated a positive return in the first quarter, protecting capital in an environment where both global equities (MSCI ACWI, -0.96%) and fixed income (Barclays Aggregate, -1.46%) lost value. The hedge fund portfolio led performance, in particular by managers with an absolute-return orientation. A number of active long-only equity managers also contributed positively to performance. The Foundation's portfolio benefitted from an underweight to real assets relative to the policy target.

#### **Recent Market Performance**

Higher bond yields, increasing trade protectionism, and tighter technology regulations weighed on sentiment during February and March. Global equity performance was generally weak, although emerging markets equities eked out modest gains and continued to outperform developed markets equivalents, which declined. US Treasuries were no safe haven as yields rose and performance was in the red, however non-US government bonds offered some protection as their yields were more stable. Energy MLPs and natural resources equities fell sharply despite higher energy prices.

#### **Discussion Items**

- Private Investments Discussion and Recommendations
- Asset Allocation and Portfolio Observations



Composite (Inception Date)	Qtr To Date 12/31/17 - 03/31/18	Cumulative Trailing 1 Year	Annualized Trailing 3 Years	Annualized Trailing 5 Years
Total Assets (06/30/94)	0.3	9.3	5.6	6.9
70% MSCI ACWI (N)/30% BBG Barc Agg Index (06/30/94)	-1.0	10.7	6.1	7.1
NHCF Policy Benchmark (06/30/94) <sup>(1)</sup>	-0.5	11.1	6.0	7.0
Dynamic Benchmark (06/30/94) <sup>(1)</sup>	-0.7	11.1	6.5	7.1

Performance as of 12/31/17 - Revised						
Composite (Inception Date)	Qtr To Date 09/30/17 - 12/31/17	CYTD 12/31/16 - 12/31/17	Annualized Trailing 3 Years	Annualized Trailing 5 Years		
Total Assets (06/30/94)	3.2	13.9	6.2	7.7		
70% MSCI ACWI (N)/30% BBG Barc Agg Index (06/30/94)	4.1	17.5	7.3	8.2		
NHCF Policy Benchmark (06/30/94) <sup>(1)</sup>	4.5	16.5	6.9	8.2		
Dynamic Benchmark (06/30/94) <sup>(1)</sup>	4.7	16.6	7.3	8.4		

		Total Return (%)					
Composite (Inception Date)	Assets \$ mil	Qtr to Date 12/31/17- 03/31/18	Cumulative Trailing 1 Year	Annualized Trailing 3 Years	Annualized Trailing 5 Years	Annualized Since Inception	
Total U.S. Equity (06/30/96)	126.7	0.4	14.4	9.1	12.7	8.3	
Russell 3000® Index (06/30/96)		-0.6	13.8	10.2	13.0	8.6	
Value Added		1.0	0.5	-1.1	-0.3	-0.4	
Total Developed ex U.S. Equity (01/01/95)	118.3	-0.1	14.6	7.1	8.4	6.5	
MSCI EAFE Index (N) (12/31/94)		-1.5	14.8	5.6	6.5	5.3	
Value Added		1.5	-0.2	1.6	1.9	1.3	
Total Emerging Markets Equity (02/01/04)	58.0	0.2	17.2	8.2	4.8	10.4	
MSCI Emerging Markets Index (N) (02/01/04)		1.4	24.9	8.8	5.0	9.4	
Value Added		-1.2	-7.7	-0.6	-0.2	1.0	
Total Marketable Equity (01/01/95)	303.0	0.2	15.0	8.3	9.7	7.7	
Marketable Equity Benchmark (12/31/94) <sup>(1)</sup>		-0.8	15.4	8.7	9.9	8.5	
Value Added		1.0	-0.5	-0.4	-0.1	-0.8	
Total VC/PE/Dist. Private Investments (02/14/01) <sup>(2)</sup>	72.7		8.6	8.9	13.9	11.9	
Total Marketable Alternatives (09/30/03)	137.0	0.8	5.1	2.3	3.7	6.0	
HFRI Fund of Funds Diversified Index (09/30/03)		0.1	5.0	1.5	3.2	3.4	
Value Added		0.6	0.1	0.8	0.5	2.7	
Total Real Assets/Inflation Hedging (06/30/94)	44.6	-1.2	-0.1	1.4	0.0	6.8	
Total Private RA/IH (08/15/02) <sup>(2)</sup>	29.1		1.1	5.8	3.4	1.9	
Private RA/IH Benchmark (08/31/02) <sup>(1)</sup>			9.6	1.5	0.0	7.6	
Value Added			-8.5	4.3	3.4	-5.7	
Total Marketable RA/IH (06/30/94)	15.5	-3.4	-0.8	-3.1	-3.4	6.2	
Marketable RA/IH Benchmark (06/30/94) <sup>(1)</sup>		-3.4	5.9	0.4	-0.7	6.8	
Value Added		0.0	-6.7	-3.5	-2.7	-0.6	

Note: Since Inception returns are cumulative for composites with less than one full year of performance history.

(1) See Endnotes exhibit for benchmark composition.

(2) Market values and performance are as of 12/31/17. All funds are adjusted for subsequent capital calls and distributions through 03/31/18.

			Т	otal Return (%	<b>%</b> )	
Composite (Inception Date)	Assets \$ mil	Qtr to Date 12/31/17- 03/31/18	Cumulative Trailing 1 Year	Annualized Trailing 3 Years	Annualized Trailing 5 Years	Annualized Since Inception
Total Equity (06/30/94)	557.3	0.2	10.1	6.2	7.6	7.5
Custom Equity Benchmark (06/30/94) <sup>(1)</sup>		-0.4	12.5	6.6	7.7	7.8
Value Added		0.6	-2.3	-0.5	0.0	-0.3
Total Fixed Income (06/01/95)	60.3	0.8	3.8	1.9	1.7	6.1
Fixed Income Benchmark (05/31/95) <sup>(1)</sup>		-1.5	1.2	1.2	2.0	5.2
Value Added		2.2	2.6	0.7	-0.3	0.9
Total Cash and Cash Equivalents (04/30/02)	4.7	0.3	1.4	0.6	0.4	1.6
Total Assets ex Private Investments (06/30/94)	520.4	0.3	9.9	5.1	6.1	7.2
70% MSCI ACWI (N)/30% BBG Barc Agg Index (06/30/94)		-1.0	10.7	6.1	7.1	
Value Added		1.4	-0.7	-1.1	-0.9	
NHCF Policy Benchmark ex PI (06/30/94) <sup>(1)</sup>		-0.6	10.0	4.9	5.8	7.1
Value Added		0.9	-0.1	0.2	0.3	0.1
Dynamic Benchmark ex PI (06/30/94) <sup>(1)</sup>		-0.6	10.9	5.9	6.3	7.0
Value Added		0.9	-1.0	-0.8	-0.2	0.2
Total Assets (06/30/94)	622.2	0.3	9.3	5.6	6.9	7.4
70% MSCI ACWI (N)/30% BBG Barc Agg Index (06/30/94)		-1.0	10.7	6.1	7.1	
Value Added		1.3	-1.4	-0.6	-0.2	
NHCF Policy Benchmark (06/30/94) <sup>(1)</sup>		-0.5	11.1	6.0	7.0	7.6
Value Added		0.8	-1.8	-0.5	-0.1	-0.2
Dynamic Benchmark (06/30/94) <sup>(1)</sup>		-0.7	11.1	6.5	7.1	7.3
Value Added		0.9	-1.7	-0.9	-0.3	0.1
CA Preliminary Endowment Median		-0.4	9.4	5.5	6.5	8.3
Universe Size		121	121	120	118	42
Total Assets Net of Fees (12/31/16) <sup>(3)</sup>	622.2	0.3	8.9			10.8

Note: Since Inception returns are cumulative for composites with less than one full year of performance history.

See Endnotes exhibit for benchmark composition.
 The Total Assets Net of Fees performance accounts for Cambridge Associates fees as well as custodian fees.

#### **NHCF Policy Benchmark (Continued)**

4/1/2016 Present 19.0% Russell 3000

14.0% MSCI EAFE (N) 8.0% MSCI EM (N)

24.0% HFRI Fund of Funds Diversified Index5.6% Marketable Real Assets Benchmark2.4% Private Real Assets Benchmark

15.0% S&P 500 + 3% 12.0% BBG Barclays Agg

#### NHCF Policy Benchmark ex PI

Benchmark excludes the VC/PE/Distressed Private Investments and Private Real Assets/Inflation Hedging allocations. The remaining allocations are normalized to sum to 100%.

#### **Dynamic Benchmark**

Benchmark reflects the market value weighted average of each manager's benchmark.

#### Dynamic Benchmark ex PI

Benchmark excludes the VC/PE/Distressed Private Investments and Private Real Assets/Inflation Hedging managers from the Dynamic Benchmark.

#### Marketable Real Assets/Inflation Hedging Benchmark

<u>Start</u>	<u>End</u>		
7/1/1994	12/31/2003	100%	FTSE® EPRA/NAREIT Developed Real Estate Index
1/1/2004	6/30/2014	25%	MSCI World Natural Resources Index (N) Wilshire US Real Estate Securities Index S&P Global Timber & Forestry
7/1/2014	Present	33%	MSCI World Natural Resources Index (N) Wilshire US Real Estate Securities Index S&P GSCI

### Private Real Assets/Inflation Hedging Benchmark

Private version of the Real Assets/Inflation Hedging Benchmark assumes a 0.0% return for the current quarter to match the lag in private investments.

#### **Marketable Equity Benchmark**

Benchmark includes the U.S. Equity, Developed ex U.S. Equity, and Emerging Markets Equity allocations of the NHCF Policy Benchmark and are normalized to sum to 100%.

### **Custom Equity Benchmark**

Benchmark excludes the Fixed Income allocations of the NHCF Policy Benchmark and are normalized to sum to 100%.

## Fixed Income Benchmark

Benchmark includes Fixed Income allocations of the NHCF Policy Benchmark and are normalized to sum to 100%.

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