

**Wilshire**

# NMI Settlement Fund

Monthly Investment Summary

Oct-2023

## Market Commentary

*Month Ended October 31, 2023*

### U.S. Economy and Markets

- The broad U.S. equity market was down in October as the FT Wilshire 5000 Index<sup>SM</sup> returned -2.66%, with a positive return of 9.50% for the year-to-date.
- Large-cap stocks outperformed their small-cap counterparts for the month, with the FT Wilshire Large Cap Index<sup>SM</sup> and the FT Wilshire Small Cap Index<sup>SM</sup> returning -2.20% and -5.63%, respectively.
- Performance across most GICS sectors was negative in October. Utilities was the only positive sector for the month, while energy was the main laggard.

### International Economy and Markets

- Developed international equity markets, as measured by the MSCI EAFE Index, returned -4.05% this month. The MSCI Emerging Markets Index also produced a loss in October, down -3.89%.
- The U.S. dollar strengthened versus advanced foreign economies during the month, resulting in the developed markets' local currency return being higher than those converted back to dollars.

### Fixed Income & Real Assets

- Core bonds posted a loss of -1.58% in October as the 10-year U.S. Treasury yield rose 36 basis points.
- High yield corporate bonds fell -1.16% as credit spreads widened, up 43 basis points in the high yield market. Leveraged loans were nearly flat for the month at 0.01%, leading longer-duration bonds.
- Multiple listed real asset markets were down in October with the Wilshire Global Real Estate Securities Index<sup>SM</sup> returning -4.64% and the FTSE Global Core Infrastructure Index down -1.70%.
- Commodities, as measured by the Bloomberg Commodity Index, were up 0.27% in October.

# Monthly Index Performance

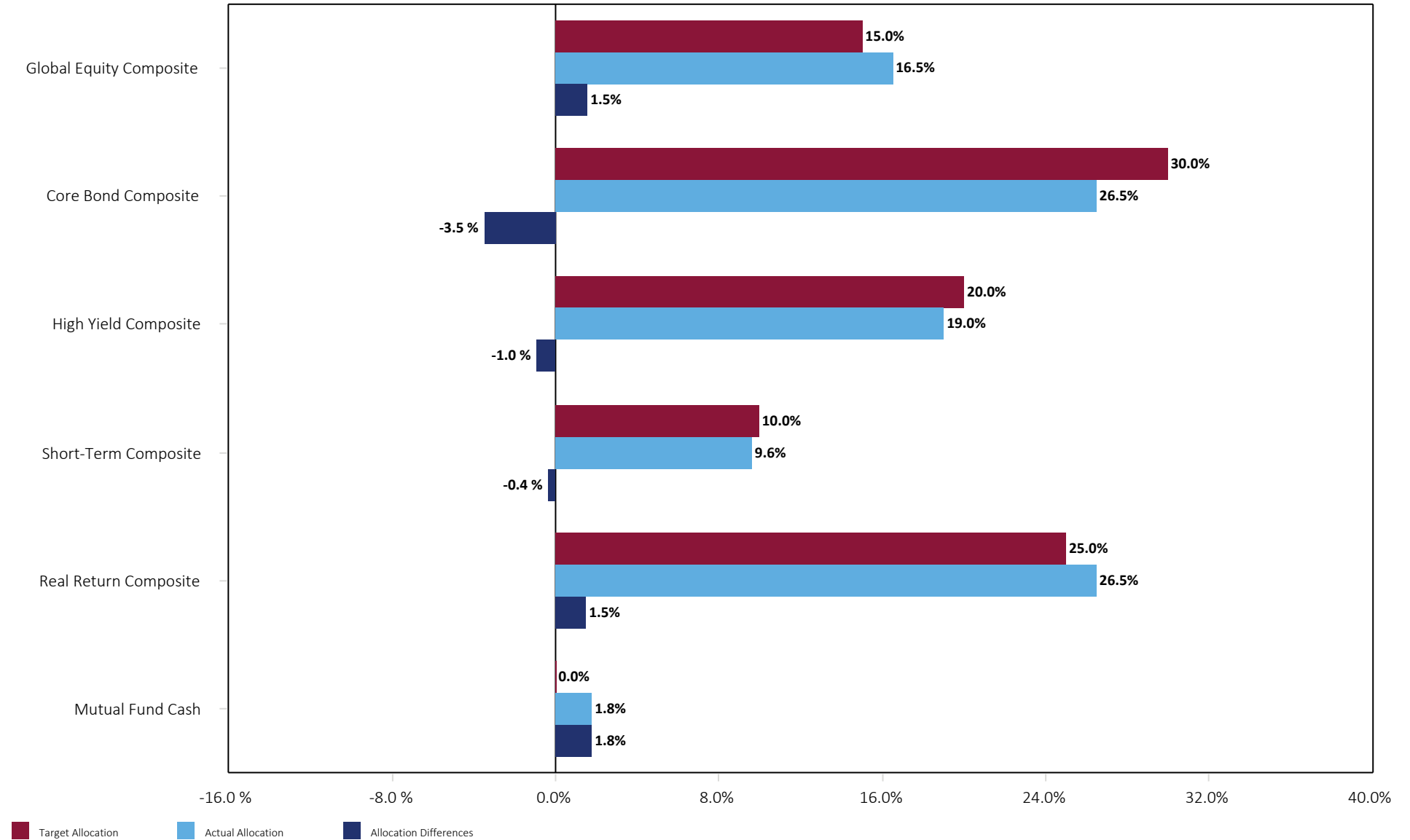
Periods Ended October 31, 2023

	Performance (%)					
	1 Month	YTD	1 Year	3 Years	5 Years	10 Years
U.S. Equity						
FT Wilshire 5000 Index	-2.66	9.53	8.41	9.56	10.46	10.72
S&P 500 Index	-2.10	10.69	10.14	10.36	11.01	11.18
Wilshire 4500 Completion Index	-6.04	2.61	-0.51	4.99	6.89	7.93
MSCI USA Minimum Volatility Index	-0.85	0.99	2.84	7.11	7.67	9.77
U.S. Equity by Size/Style						
Wilshire U.S. Large-Cap Index	-2.36	10.66	9.74	9.87	11.04	11.27
Wilshire U.S. Large-Cap Growth Index	-1.77	25.37	20.19	9.75	13.78	13.19
Wilshire U.S. Large-Cap Value Index	-3.07	-3.37	-0.97	9.71	8.00	8.81
Wilshire U.S. Small-Cap Index	-6.37	-3.08	-5.78	6.38	4.53	6.34
Wilshire U.S. Small-Cap Growth Index	-7.05	0.21	-2.55	2.84	5.09	6.37
Wilshire U.S. Small-Cap Value Index	-5.70	-6.03	-8.68	10.09	3.99	6.02
Wilshire U.S. Micro-Cap Index	-7.82	-11.71	-15.45	-0.46	-2.46	2.46
Non-U.S. Equity (USD)						
MSCI AC World ex USA (Net)	-4.13	0.99	12.07	3.03	3.46	2.54
MSCI ACWI ex USA Minimum Volatility Index (Net)	-3.09	0.97	9.07	2.19	2.40	3.57
MSCI EAFE (Net)	-4.05	2.74	14.40	5.73	4.10	3.05
MSCI Emerging Markets (Net)	-3.89	-2.14	10.80	-3.67	1.59	1.19
MSCI AC World ex USA Small Cap (Net)	-5.59	-0.84	8.82	2.96	3.51	3.43
U.S. Fixed Income						
Blmbg. U.S. Aggregate Index	-1.58	-2.77	0.36	-5.57	-0.06	0.88
Blmbg. U.S. Treasury: Long	-4.93	-13.07	-8.50	-16.29	-3.16	0.11
Blmbg. U.S. Long Corporate Index	-4.20	-6.79	0.50	-10.18	-0.28	2.06
Blmbg. U.S. TIPS Index	-0.72	-1.50	-0.72	-2.00	2.27	1.61
Blmbg. U.S. Credit Index	-1.78	-1.75	2.69	-5.33	0.78	1.79
Blmbg. U.S. Corp: High Yield Index	-1.16	4.63	6.23	1.19	3.05	3.86
Morningstar LSTA U.S. Leveraged Loan	-0.02	10.14	11.92	6.00	4.46	4.22

# Asset Allocation Compliance

Total Fund

Periods Ended As of October 31, 2023



# Asset Allocation & Performance

NMI Settlement Fund

Periods Ended October 31, 2023

	Allocation		Performance (%) net of fees								
	Market Value \$	%	Since Inception	10 Years	5 Years	3 Years	1 Year	YTD	FYTD	1 Month	Inception Date
<b>Total Fund</b>	<b>116,571,931</b>	<b>100.00</b>	<b>2.61</b>	<b>2.56</b>	<b>2.33</b>	<b>-0.43</b>	<b>3.78</b>	<b>1.45</b>	<b>-1.59</b>	<b>-1.59</b>	<b>10/1/2013</b>
Total Fund Policy			2.69	2.64	2.56	-1.08	4.81	2.31	-0.52	-0.52	
Value Added			-0.08	-0.08	-0.23	0.65	-1.03	-0.86	-1.07	-1.07	
<b>Vanguard Total World Stock</b>	<b>19,279,131</b>	<b>16.54</b>	<b>6.22</b>		<b>7.53</b>	<b>6.78</b>	<b>10.20</b>	<b>6.31</b>	<b>-2.96</b>	<b>-2.96</b>	<b>7/1/2018</b>
FTSE Global All Cap Net Tax (US RIC) Idx			6.22		7.53	6.84	10.07	6.18	-3.27	-3.27	
Value Added			0.00		0.00	-0.06	0.13	0.13	0.31	0.31	
<b>Global Equity Composite</b>	<b>19,279,131</b>	<b>16.54</b>	<b>7.27</b>	<b>6.91</b>	<b>7.53</b>	<b>6.78</b>	<b>10.20</b>	<b>6.31</b>	<b>-2.96</b>	<b>-2.96</b>	<b>10/1/2013</b>
Global Equity Policy			7.14	6.78	7.53	6.84	10.07	6.18	-3.27	-3.27	
Value Added			0.13	0.13	0.00	-0.06	0.13	0.13	0.31	0.31	
<b>PGIM High Yield</b>	<b>22,195,676</b>	<b>19.04</b>	<b>-1.17</b>				<b>5.01</b>	<b>3.49</b>	<b>-1.48</b>	<b>-1.48</b>	<b>2/1/2021</b>
Blmbrg Barc U.S. High Yield 1% Issuer Cap			-0.92				6.25	4.65	-1.18	-1.18	
Value Added			-0.25				-1.24	-1.16	-0.30	-0.30	
<b>Dodge &amp; Cox Income Fund</b>	<b>30,893,566</b>	<b>26.50</b>	<b>1.52</b>		<b>1.13</b>	<b>-3.68</b>	<b>2.40</b>	<b>-1.34</b>	<b>-1.68</b>	<b>-1.68</b>	<b>11/1/2014</b>
Blmbg. U.S. Aggregate Index			0.53		-0.06	-5.57	0.36	-2.77	-1.58	-1.58	
Value Added			0.99		1.19	1.89	2.04	1.43	-0.10	-0.10	
<b>Vanguard Short-Term Bond</b>	<b>11,230,364</b>	<b>9.63</b>	<b>1.08</b>		<b>1.09</b>	<b>-1.64</b>	<b>2.83</b>	<b>1.48</b>	<b>0.04</b>	<b>0.04</b>	<b>7/1/2018</b>
Bloomberg U.S. Gov/Credit 1-5 Year Index			1.13		1.14	-1.60	2.90	1.44	0.04	0.04	
Value Added			-0.05		-0.05	-0.04	-0.07	0.04	0.00	0.00	

# Asset Allocation & Performance

NMI Settlement Fund

Periods Ended October 31, 2023

	Allocation		Performance (%) net of fees								
	Market Value \$	%	Since Inception	10 Years	5 Years	3 Years	1 Year	YTD	FYTD	1 Month	Inception Date
<b>Fixed Income Composite</b>	<b>64,319,735</b>	<b>55.18</b>	<b>2.00</b>	<b>1.95</b>	<b>1.29</b>	<b>-1.81</b>	<b>3.36</b>	<b>0.77</b>	<b>-1.32</b>	<b>-1.32</b>	<b>10/1/2013</b>
Fixed Income Policy			1.87	1.81	1.22	-2.94	2.74	0.37	-1.18	-1.18	
Value Added			0.13	0.14	0.07	1.13	0.62	0.40	-0.14	-0.14	
<b>Fidelity Strategic Real Return</b>	<b>30,923,261</b>	<b>26.53</b>	<b>-2.79</b>				<b>0.90</b>	<b>-0.15</b>	<b>-1.43</b>	<b>-1.43</b>	<b>8/1/2022</b>
Fidelity Strategic Real Return Policy			1.30				6.36	4.43	2.70	2.70	
Value Added			-4.09				-5.46	-4.58	-4.13	-4.13	
<b>Real Return Composite</b>	<b>30,923,261</b>	<b>26.53</b>	<b>-2.79</b>				<b>0.90</b>	<b>-0.15</b>	<b>-1.43</b>	<b>-1.43</b>	<b>8/1/2022</b>
Real Return Policy			1.30				6.36	4.43	2.70	2.70	
Value Added			-4.09				-5.46	-4.58	-4.13	-4.13	
<b>Mutual Fund Cash</b>	<b>2,049,804</b>	<b>1.76</b>	<b>1.10</b>	<b>1.11</b>	<b>1.79</b>	<b>1.90</b>	<b>4.78</b>	<b>4.11</b>	<b>0.44</b>	<b>0.44</b>	<b>10/1/2013</b>

# Cash Flow Summary

Total Fund

One Month Ending October 31, 2023

	<b>Begin Value</b>	<b>Net Cash Flow</b>	<b>Expenses</b>	<b>Capital Apprec./ Deprec.</b>	<b>End Value</b>
<b>Total Fund</b>	<b>118,461,887</b>		<b>-5,513</b>	<b>-1,884,443</b>	<b>116,571,931</b>
<b>Global Equity Composite</b>	<b>19,867,113</b>			<b>-587,982</b>	<b>19,279,131</b>
Vanguard Total World Stock	19,867,113			-587,982	19,279,131
<b>Fixed Income Composite</b>	<b>65,176,880</b>			<b>-857,145</b>	<b>64,319,735</b>
Vanguard Short-Term Bond	11,225,891			4,473	11,230,364
PGIM High Yield	22,528,293			-332,617	22,195,676
Dodge & Cox Income Fund	31,422,566			-528,999	30,893,566
<b>Real Return Composite</b>	<b>31,371,642</b>			<b>-448,381</b>	<b>30,923,261</b>
Fidelity Strategic Real Return	31,371,642			-448,381	30,923,261
Mutual Fund Cash	2,046,252		-5,513	9,066	2,049,804

# Historical Hybrid Composition

## Total Fund Composite

As of October 31, 2023

Policy Index	Weight (%)	Policy Index	Weight (%)
<b>Aug-2022</b>		<b>Nov-2020</b>	
FTSE Global All Cap Net Tax (US RIC) Index	15.00	Blmbg. U.S. Aggregate Index	45.85
Blmbg. U.S. Aggregate Index	30.00	ICE BofA High Yield BB-B Constrained Index	20.37
Blmbrg U.S. High Yield 1% Issuer Cap Index	20.00	Bloomberg U.S. Gov/Credit 1-5 Year Index	17.10
Bloomberg U.S. Gov/Credit 1-5 Year Index	10.00	FTSE Global All Cap Net Tax (US RIC) Index	16.68
Fidelity Strategic Real Return Policy	25.00		
<b>Jul-2022</b>		<b>Oct-2020</b>	
FTSE Global All Cap Net Tax (US RIC) Index	15.00	Blmbg. U.S. Aggregate Index	46.73
Blmbg. U.S. Aggregate Index	30.00	ICE BofA High Yield BB-B Constrained Index	20.12
Blmbrg U.S. High Yield 1% Issuer Cap Index	20.00	Bloomberg U.S. Gov/Credit 1-5 Year Index	17.74
Bloomberg U.S. Gov/Credit 1-5 Year Index	10.00	FTSE Global All Cap Net Tax (US RIC) Index	15.41
90 Day U.S. Treasury Bill	25.00		
<b>Feb-2021</b>		<b>Sep-2020</b>	
Blmbg. U.S. Aggregate Index	40.00	Blmbg. U.S. Aggregate Index	46.55
Blmbrg U.S. High Yield 1% Issuer Cap Index	30.00	ICE BofA High Yield BB-B Constrained Index	20.10
Bloomberg U.S. Gov/Credit 1-5 Year Index	10.00	Bloomberg U.S. Gov/Credit 1-5 Year Index	17.67
FTSE Global All Cap Net Tax (US RIC) Index	20.00	FTSE Global All Cap Net Tax (US RIC) Index	15.68
<b>Jan-2021</b>		<b>Dec-2019</b>	
Blmbg. U.S. Aggregate Index	40.65	Blmbg. U.S. Aggregate Index	50.00
ICE BofA High Yield BB-B Constrained Index	29.26	ICE BofA High Yield BB-B Constrained Index	20.00
Bloomberg U.S. Gov/Credit 1-5 Year Index	9.65	Bloomberg U.S. Gov/Credit 1-5 Year Index	20.00
FTSE Global All Cap Net Tax (US RIC) Index	20.44	FTSE Global All Cap Net Tax (US RIC) Index	10.00
<b>Dec-2020</b>		<b>Oct-2019</b>	
Blmbg. U.S. Aggregate Index	45.31	Blmbg. U.S. Aggregate Index	40.00
ICE BofA High Yield BB-B Constrained Index	20.64	ICE BofA High Yield BB-B Constrained Index	20.00
Bloomberg U.S. Gov/Credit 1-5 Year Index	16.83	Bloomberg U.S. Gov/Credit 1-5 Year Index	15.00
FTSE Global All Cap Net Tax (US RIC) Index	17.22	FTSE Global All Cap Net Tax (US RIC) Index	25.00



# Historical Hybrid Composition

## Total Fund Composite

As of October 31, 2023

Policy Index	Weight (%)
<b>Jul-2018</b>	
Blmbg. U.S. Aggregate Index	50.00
ICE BofA High Yield BB-B Constrained Index	32.00
Bloomberg U.S. Gov/Credit 1-5 Year Index	12.00
FTSE Global All Cap Net Tax (US RIC) Index	6.00
<b>Jan-2018</b>	
Blmbg. U.S. Aggregate Index	50.00
ICE BofA High Yield BB-B Constrained Index	32.00
MSCI AC World Index (Net)	6.00
Blmbg. Intermed. U.S. Government/Credit	12.00
<b>Oct-2016</b>	
TF Policy custom2	100.00
<b>Jan-2015</b>	
MSCI AC World Index (Net)	10.00
ICE BofA High Yield BB-B Constrained Index	20.00
Blmbg. U.S. Aggregate Index	50.00
Blmbg. Intermed. U.S. Government/Credit	20.00
<b>Apr-2014</b>	
MSCI AC World Index (Net)	15.00
ICE BofA High Yield BB-B Constrained Index	20.00
Blmbg. U.S. Aggregate Index	45.00
Blmbg. Intermed. U.S. Government/Credit	20.00
<b>Oct-2013</b>	
TF Policy custom1	100.00

# Historical Hybrid Composition

Global Equity Composite

*As of October 31, 2023*

Policy Index	Weight (%)
<b>Jul-2018</b>	
FTSE Global All Cap Net Tax (US RIC) Index	100.00
<b>Oct-2013</b>	
MSCI AC World Index (Net)	100.00

# Historical Hybrid Composition

## Fixed Income Composite

As of October 31, 2023

Policy Index	Weight (%)	Policy Index	Weight (%)
<b>Jul-2022</b>		<b>Sep-2020</b>	
Bloomberg U.S. Gov/Credit 1-5 Year Index	16.67	Bloomberg U.S. Gov/Credit 1-5 Year Index	20.96
Blmbrg U.S. High Yield 1% Issuer Cap Index	33.33	ICE BofA High Yield BB-B Constrained Index	23.84
Blmbg. U.S. Aggregate Index	50.00	Blmbg. U.S. Aggregate Index	55.20
<b>Feb-2021</b>		<b>Dec-2019</b>	
Bloomberg U.S. Gov/Credit 1-5 Year Index	12.50	Bloomberg U.S. Gov/Credit 1-5 Year Index	22.22
Blmbrg U.S. High Yield 1% Issuer Cap Index	37.50	ICE BofA High Yield BB-B Constrained Index	22.22
Blmbg. U.S. Aggregate Index	50.00	Blmbg. U.S. Aggregate Index	55.56
<b>Jan-2021</b>		<b>Oct-2019</b>	
Bloomberg U.S. Gov/Credit 1-5 Year Index	12.13	Bloomberg U.S. Gov/Credit 1-5 Year Index	20.00
ICE BofA High Yield BB-B Constrained Index	36.78	ICE BofA High Yield BB-B Constrained Index	26.67
Blmbg. U.S. Aggregate Index	51.09	Blmbg. U.S. Aggregate Index	53.33
<b>Dec-2020</b>		<b>Jul-2018</b>	
Bloomberg U.S. Gov/Credit 1-5 Year Index	20.33	Bloomberg U.S. Gov/Credit 1-5 Year Index	12.77
ICE BofA High Yield BB-B Constrained Index	24.93	ICE BofA High Yield BB-B Constrained Index	34.04
Blmbg. U.S. Aggregate Index	54.74	Blmbg. U.S. Aggregate Index	53.19
<b>Nov-2020</b>		<b>Jan-2018</b>	
Bloomberg U.S. Gov/Credit 1-5 Year Index	20.52	Blmbg. Intermed. U.S. Government/Credit	12.77
ICE BofA High Yield BB-B Constrained Index	24.45	ICE BofA High Yield BB-B Constrained Index	34.04
Blmbg. U.S. Aggregate Index	55.03	Blmbg. U.S. Aggregate Index	53.19
<b>Oct-2020</b>		<b>Oct-2016</b>	
Bloomberg U.S. Gov/Credit 1-5 Year Index	20.98	Fixed Income Policy custom2	100.00
ICE BofA High Yield BB-B Constrained Index	23.78		
Blmbg. U.S. Aggregate Index	55.24		
		<b>Jan-2015</b>	
		ICE BofA High Yield BB-B Constrained Index	22.20
		Blmbg. Intermed. U.S. Government/Credit	22.20
		Blmbg. U.S. Aggregate Index	55.60

# Historical Hybrid Composition

Fixed Income Composite

*As of October 31, 2023*

<b>Policy Index</b>	<b>Weight (%)</b>
<b>Apr-2014</b>	
ICE BofA High Yield BB-B Constrained Index	23.55
Blmbg. Intermed. U.S. Government/Credit	23.55
Blmbg. U.S. Aggregate Index	52.90
<b>Oct-2013</b>	
Fixed Income Policy custom1	100.00