

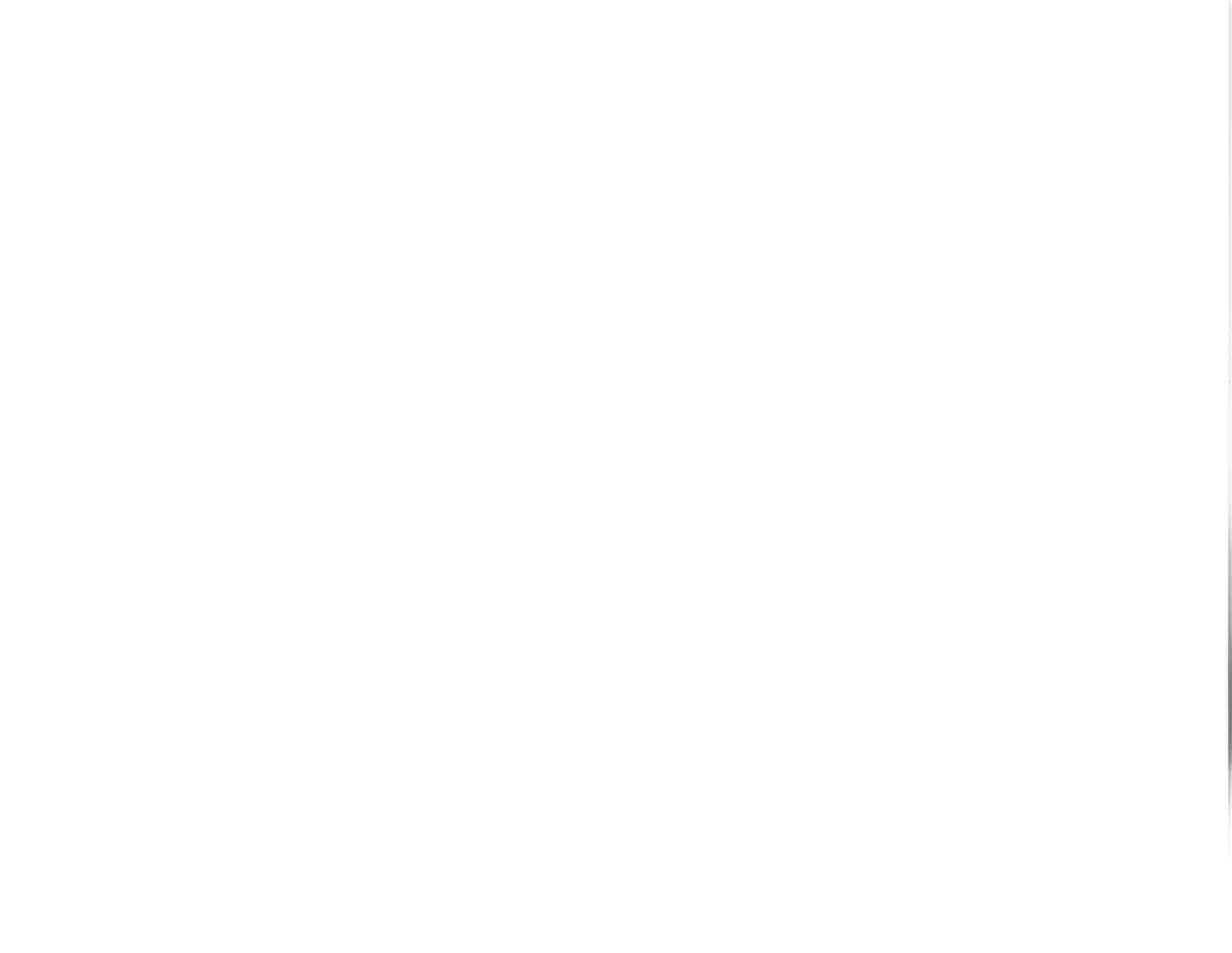
TENNESSEE CONSOLIDATED RETIREMENT SYSTEM

EXECUTIVE SUMMARY

SEPTEMBER 30, 2015



333 BUSH STREET | SAN FRANCISCO | 94104 | 415.362.3484



- The “will they / won’t they” debate on Fed policy wrangled on and kept volatility high in the third quarter. At the September meeting, the Fed language turned to conditions abroad as a reason for standing pat. In the U.S., continued worries of emerging markets’ fragility led to losses across style and market capitalization indices. The S&P500 fell 6.4% while small capitalization stocks were hit the hardest, losing 11.9% in Q3.
- The spike in volatility during last quarter sparked a chain of events that led to rapidly rising EM “blow up” risk, including “hot money” outflows, falling commodity prices, and precipitous currency depreciation. Investors went through a significant derisking process, driving emerging market indices deep in the red, with the overall EM index losing 17.9% led by EM Latin America which declined 24.3%.
- The U.S. dollar lost ground against both the Euro and the Yen in the third quarter thanks to continued accommodative policy by both the ECB and the BoJ.
- All U.S. A-rated corporate bond bonds rose during the third quarter; the lower-rated BAA corporate bonds declined 0.7%.
- The State Street Investor Confidence Index® (ICI) measures risk appetite by analyzing the buying and selling patterns of the institutional investors. The Global ICI rose to 116.6 in September, up 7.2 points from August’s reading of 109.4. The improvement in sentiment was driven by an increase in the North American ICI from 120.6 to 133.2. Confidence among Asian investors rose by 5.4 points to 97.8, while in Europe the ICI also increased to 95.7, up 2.2 points.
- For the period ending 9/30/15, the one quarter returns for, respectively, the NAREIT Equity index and the NCREIF Property index (one quarter lag), were 2.0% and 3.1%; one year, 9.9% and 13.0%; three years, 9.6% and 11.6%; and five years, 12.0% and 12.7%.
- In the US, while the world equity markets experienced volatility due to slowing growth in China and falling commodity prices, REITs posted a gain for the period. Investors appeared to favor REITs due to their domestic focus and encouraging economic news. Providing support, 90% of REITs met or exceeded the market’s high expectations for second quarter earnings.
- Europe outperformed North America and Asia Pacific with the UK exhibiting healthy economic growth. Asian real estate markets were heavily influenced by growth concerns in China; Hong Kong was down 17.3% and Singapore was down 14.4%.

Market Indices Review

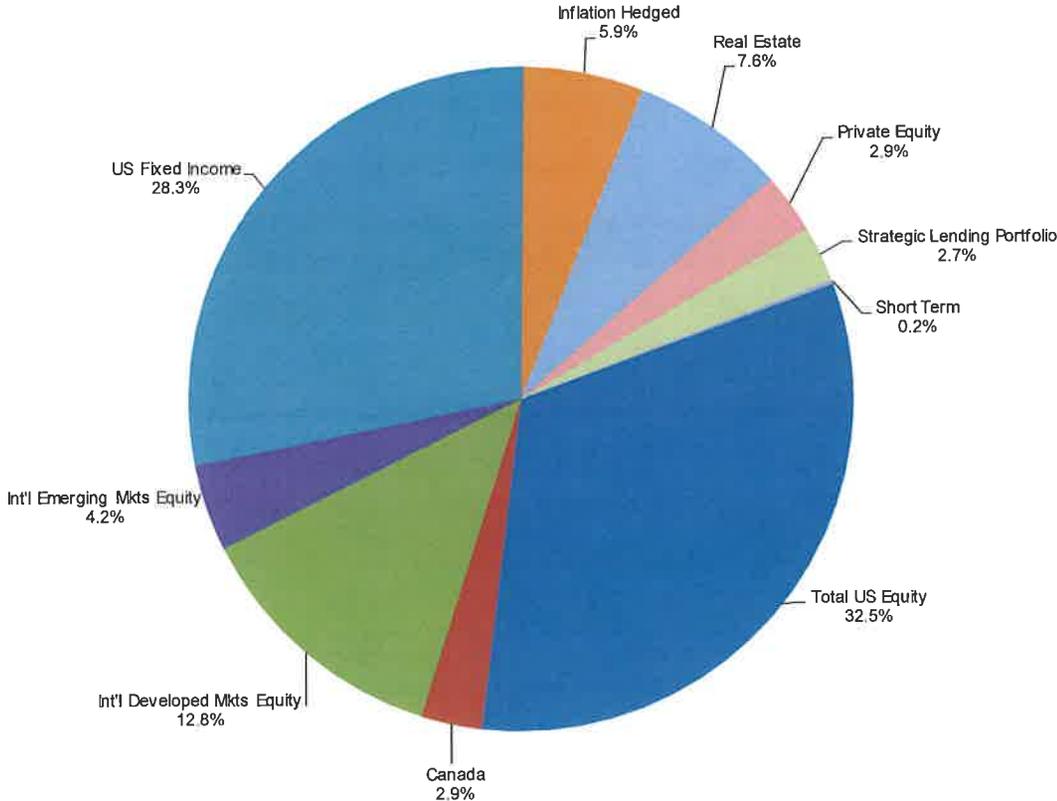
Periods Ending September 30, 2015

INDEX	STYLE	1 QTR	2 QTRS	3 QTRS	1 YEAR	2 YEAR	3 YEAR	5 YEAR	10 YEAR
US EQUITY INDICES									
Russell 3000	Large Cap Broad	-7.2%	-7.1%	-5.4%	-0.5%	8.2%	12.5%	13.3%	6.9%
S&P 500	Large Cap Core	-6.4%	-6.2%	-5.3%	-0.6%	9.1%	12.4%	13.3%	6.8%
Russell 1000	Large Cap Core	-6.8%	-6.7%	-5.2%	-0.6%	8.8%	12.7%	13.4%	7.0%
Russell 1000 Growth	Large Cap Growth	-5.3%	-5.2%	-1.5%	3.2%	10.9%	13.6%	14.5%	8.1%
Russell 1000 Value	Large Cap Value	-8.4%	-8.3%	-9.0%	-4.4%	6.6%	11.6%	12.3%	5.7%
Russell Midcap	Mid Cap Core	-8.0%	-9.4%	-5.8%	-0.2%	7.5%	13.9%	13.4%	7.9%
Russell Midcap Growth	Mid Cap Growth	-8.0%	-9.0%	-4.1%	1.4%	7.7%	14.0%	13.6%	8.1%
Russell Midcap Value	Mid Cap Value	-8.0%	-9.8%	-7.7%	-2.1%	7.2%	13.7%	13.2%	7.4%
Russell 2000	Small Cap Core	-11.9%	-11.5%	-7.7%	1.2%	2.6%	11.0%	11.7%	6.5%
Russell 2000 Growth	Small Cap Growth	-13.1%	-11.3%	-5.5%	4.0%	3.9%	12.8%	13.3%	7.7%
Russell 2000 Value	Small Cap Value	-10.7%	-11.8%	-10.1%	-1.6%	1.2%	9.2%	10.2%	5.3%
NASDAQ Composite	Large Cap Core	-7.1%	-5.2%	-1.6%	4.0%	12.0%	15.5%	15.7%	9.0%
INTERNATIONAL INDICES									
MSCI ACW	Global Equity	-9.3%	-8.9%	-6.6%	-6.2%	2.5%	7.5%	7.4%	5.1%
MSCI EAFE	International Equity	-10.2%	-9.4%	-4.9%	-8.3%	-2.0%	6.1%	4.4%	3.4%
MSCI ACW ex US	International Equity	-12.1%	-11.5%	-8.3%	-11.8%	-3.7%	2.8%	2.3%	3.5%
MSCI Emerging Markets	Emerging Markets	-17.8%	-17.1%	-15.2%	-19.0%	-7.9%	-4.9%	-3.2%	4.6%
Citigroup World Govt	Global Fixed	1.7%	0.1%	-2.4%	-3.8%	-2.0%	-2.9%	-0.2%	3.4%
Citigroup World Govt ex US	International Fixed	1.7%	0.1%	-4.2%	-7.0%	-4.0%	-4.6%	-1.3%	2.9%
US FIXED INCOME INDICES									
91 Day T-Bills	Cash	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%
Barclays Aggregate	Core Fixed	1.2%	-0.5%	1.1%	2.9%	3.4%	1.7%	3.1%	4.6%
Barclays Govt/Credit	Core Fixed	1.2%	-0.9%	0.9%	2.7%	3.4%	1.6%	3.1%	4.6%
Barclays Mortgage	Mortgages	1.3%	0.6%	1.6%	3.4%	3.6%	2.0%	3.0%	4.7%
NAREIT Equity	Real Estate	2.0%	-8.1%	-3.8%	9.9%	11.5%	9.6%	12.0%	6.8%
NCREIF Property	Real Estate	3.1%	6.3%	10.1%	13.5%	12.4%	11.9%	12.5%	8.0%

Asset Allocation Analysis - Total Plan

As of September 30, 2015

CURRENT ALLOCATION BY ASSET CLASS



	Actual \$	Actual %
Total US Equity	13,376,300,199	32.5%
Canada	1,211,180,961	2.9%
Int'l Developed Mkts Equity	5,249,171,447	12.8%
Int'l Emerging Mkts Equity	1,731,450,211	4.2%
US Fixed Income	11,665,713,503	28.3%
Inflation Hedged	2,413,337,320	5.9%
Real Estate	3,119,491,696	7.6%
Private Equity	1,200,271,787	2.9%
Strategic Lending Portfolio	1,122,814,300	2.7%
Short Term	74,051,567	0.2%
TOTAL	41,163,782,991	100.0%

	TARGET	ACTUAL	DIFF
Total US Equity	33.0%	32.5%	-0.5%
Canada	4.0%	2.9%	-1.1%
Int'l Developed Mkts Equity	13.0%	12.8%	-0.2%
Int'l Emerging Mkts Equity	5.0%	4.2%	-0.8%
US Fixed Income	25.0%	28.3%	3.3%
Inflation Hedged	4.0%	5.9%	1.9%
Real Estate	7.0%	7.6%	0.6%
Private Equity	3.0%	2.9%	-0.1%
Strategic Lending Portfolio	5.0%	2.7%	-2.3%
Short Term	1.0%	0.2%	-0.8%

	06/30/15	09/30/15	DIFF
Total US Equity	33.2%	32.5%	-0.7%
Canada	3.5%	2.9%	-0.6%
Int'l Developed Mkts Equity	13.5%	12.8%	-0.7%
Int'l Emerging Mkts Equity	4.8%	4.2%	-0.6%
US Fixed Income	26.5%	28.3%	1.8%
Inflation Hedged	6.0%	5.9%	-0.1%
Real Estate	6.5%	7.6%	1.1%
Private Equity	2.5%	2.9%	0.4%
Strategic Lending Portfolio	2.4%	2.7%	0.3%
Short Term	1.0%	0.2%	-0.8%

Performance Summary

Periods Ending September 30, 2015

	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)
Total Fund	-4.18	-0.33	6.53	8.24	7.08	5.74
Policy Index ¹	<u>-4.36</u>	<u>-0.96</u>	<u>6.52</u>	<u>8.13</u>	<u>7.24</u>	<u>6.01</u>
Excess Return	0.18	0.63	0.01	0.11	-0.16	-0.27
Allocation Index ²	-4.35	-1.08	5.95	7.59	6.96	5.65
North American Equity	-8.14	-3.23	10.49	12.02	-	-
N.A. Equity Custom ³	<u>-7.40</u>	<u>-2.84</u>	<u>10.69</u>	<u>11.73</u>	<u>--</u>	<u>--</u>
Excess Return	-0.74	-0.39	-0.20	0.29		
US Equity	-7.62	-1.02	12.17	13.57	9.65	6.93
US Equity Custom ⁴	<u>-6.69</u>	<u>-0.30</u>	<u>12.49</u>	<u>13.34</u>	<u>9.88</u>	<u>6.95</u>
Excess Return	-0.93	-0.72	-0.32	0.23	-0.23	-0.02
Index	-6.36	-0.48	12.40	13.34	9.79	--
S&P 500	<u>-6.44</u>	<u>-0.61</u>	<u>12.40</u>	<u>13.34</u>	<u>9.75</u>	<u>6.80</u>
Excess Return	0.08	0.13	0.00	0.00	0.04	
Quant	-8.25	-3.03	11.01	12.95	9.23	6.83
S&P 500	<u>-6.44</u>	<u>-0.61</u>	<u>12.40</u>	<u>13.34</u>	<u>9.75</u>	<u>6.80</u>
Excess Return	-1.81	-2.42	-1.39	-0.39	-0.52	0.03
Sector	-7.36	-0.34	12.50	13.71	9.97	6.95
S&P 500	<u>-6.44</u>	<u>-0.61</u>	<u>12.40</u>	<u>13.34</u>	<u>9.75</u>	<u>6.80</u>
Excess Return	-0.92	0.27	0.10	0.37	0.22	0.15

1 Effective 1/1/13, Policy Index is 33% S&P 1500/ 4% S&P TSX 60/ 13% MSCI EAFE IMI net/ 5% MSCI Emerging Markets net/ 25% Citigroup LPF/ 4% Citigroup TIPS/ 7% NCREIF 1Q Lag/ 3% S&P 500 + 3% 1Q Lag/ 1% 91 Day T-Bill / 5% Strategic Lending.

2 Effective 7/1/15, Total Fund Allocation Index is 33.3% S&P 1500/ 4% S&P TSX 60/ 13.1% MSCI EAFE IMI net/ 5.1% MSCI Emerging Markets net/ 26.1% Citigroup LPF/ 6% Citigroup TIPS/ 6.5% NCREIF 1Q Lag/ 2.5% S&P 500 + 3% 1Q Lag/ 2.4% Strategic Lending/ 1% 91 Day T-Bill.

3 Effective 1/1/13, benchmark is 89.19% S&P 1500/ 10.81% S&P TSX 60; linked to 87.5% S&P 1500/ 12.5% S&P TSX 60 Index.

4 Effective 7/1/04, benchmark is S&P 1500.

Performance Summary

Periods Ending September 30, 2015

	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)
Mid Cap ⁵	-8.39	1.46	14.27	13.81	10.81	7.97
S&P MidCap 400 ⁵	<u>-8.50</u>	<u>1.40</u>	<u>13.12</u>	<u>12.93</u>	<u>11.15</u>	<u>7.89</u>
Excess Return	0.11	0.06	1.15	0.88	-0.34	0.08
Small Cap ⁶	-9.24	3.99	13.15	--	--	--
S&P 600 SmallCap	<u>-9.27</u>	<u>3.81</u>	<u>13.02</u>	<u>14.04</u>	<u>10.17</u>	<u>7.65</u>
Excess Return	0.03	0.18	0.13			
Canada	-13.12	-22.05	-3.60	-0.34	--	--
S&P/TSX 60	<u>-13.16</u>	<u>-22.06</u>	<u>-3.59</u>	<u>-0.58</u>	<u>1.10</u>	<u>3.64</u>
Excess Return	0.04	0.01	-0.01	0.24		
International Equity	-10.66	-8.76	4.56	4.58	4.89	4.66
Int'l Equity Custom ⁷	<u>-11.69</u>	<u>-11.86</u>	<u>2.70</u>	<u>2.31</u>	<u>2.83</u>	<u>2.31</u>
Excess Return	1.03	3.10	1.86	2.27	2.06	2.35
Int'l Developed Mkts Equity	-8.80	-3.52	7.97	6.61	6.34	5.67
MSCI EAFE IMI net	<u>-9.79</u>	<u>-7.54</u>	<u>6.20</u>	<u>4.39</u>	<u>4.31</u>	<u>3.35</u>
Excess Return	0.99	4.02	1.77	2.22	2.03	2.32
American Century	-3.53	4.87	13.76	11.15	--	--
MSCI EAFE Small Cap	<u>-6.83</u>	<u>0.30</u>	<u>10.17</u>	<u>7.30</u>	<u>8.54</u>	<u>4.65</u>
Excess Return	3.30	4.57	3.59	3.85		

5 Effective 7/1/08, strategy was changed from SMID Cap. Benchmark is linked to 100% S&P 1000 Index.

6 Use 100% Russell 2000 Futures returns January 2011-June 2012. Use weighted blend of Russell 2000 Futures and Small Cap Fund returns July 2012- October 2012.

Use 100% Small Cap Fund returns November 2012-present.

7 Effective 1/1/13, benchmark is 72.22% MSCI EAFE IMI net/ 27.78% MSCI Emerging Mkts net; linked to 100% MSCI EAFE IMI net (10/08-12/12) and 100% MSCI EAFE net Index (7/04-9/08).

Performance Summary

Periods Ending September 30, 2015

	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)
Baring Asset Mgmt	-10.82	-7.79	4.73	4.79	--	--
<i>MSCI EAFE</i>	<u>-10.23</u>	<u>-8.66</u>	<u>5.63</u>	<u>3.98</u>	<u>3.77</u>	<u>2.97</u>
Excess Return	-0.59	0.87	-0.90	0.81		
FIAM	-6.63	2.88	11.14	9.33	--	--
<i>MSCI EAFE Small Cap</i>	<u>-6.83</u>	<u>0.30</u>	<u>10.17</u>	<u>7.30</u>	<u>8.54</u>	<u>4.65</u>
Excess Return	0.20	2.58	0.97	2.03		
GE Asset	-8.00	-4.90	5.82	5.00	--	--
<i>MSCI Europe</i>	<u>-8.69</u>	<u>-9.33</u>	<u>6.03</u>	<u>4.28</u>	<u>3.65</u>	<u>3.31</u>
Excess Return	0.69	4.43	-0.21	0.72		
Marathon	-7.69	-1.27	9.63	7.55	7.70	6.97
<i>MSCI EAFE net</i>	<u>-10.23</u>	<u>-8.66</u>	<u>5.63</u>	<u>3.98</u>	<u>3.77</u>	<u>2.97</u>
Excess Return	2.54	7.39	4.00	3.57	3.93	4.06
Pacific Indexed ⁸	-12.15	-6.10	5.08	3.63	3.48	2.38
<i>MSCI Pacific net</i> ⁹	<u>-13.21</u>	<u>-7.51</u>	<u>4.80</u>	<u>3.49</u>	<u>4.16</u>	<u>2.34</u>
Excess Return	1.06	1.41	0.28	0.14	-0.68	0.04
PanAgora Asset Mgmt	-9.76	-4.77	8.29	6.79	6.33	4.96
<i>MSCI EAFE</i>	<u>-10.23</u>	<u>-8.66</u>	<u>5.63</u>	<u>3.98</u>	<u>3.77</u>	<u>2.97</u>
Excess Return	0.47	3.89	2.66	2.81	2.56	1.99

8 Effective 9/4/10, internally managed by TCRS staff. Amundi Pacific terminated.

9 Effective 7/1/04.

Performance Summary

Periods Ending September 30, 2015

	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)
TT International	-10.09	-3.82	11.09	6.10	--	--
<i>MSCI EAFE</i>	<u>-10.23</u>	<u>-8.66</u>	<u>5.63</u>	<u>3.98</u>	<u>3.77</u>	<u>2.97</u>
Excess Return	0.14	4.84	5.46	2.12		
Walter Scott	-9.33	-7.16	3.94	5.25	6.38	6.59
<i>MSCI EAFE net</i> ¹⁰	<u>-10.23</u>	<u>-8.66</u>	<u>5.63</u>	<u>3.98</u>	<u>3.07</u>	<u>3.06</u>
Excess Return	0.90	1.50	-1.69	1.27	3.31	3.53
Int'l Emerging Mkts Equity	-15.96	-22.65	--	--	--	--
<i>MSCI Emerging Markets ND Custom</i>	<u>-16.66</u>	<u>-22.49</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>
Excess Return	0.70	-0.16				
US Fixed Income	2.10	4.15	2.88	5.92	7.47	6.05
<i>Citigroup LPF</i> ¹¹	<u>2.07</u>	<u>4.31</u>	<u>2.20</u>	<u>5.08</u>	<u>6.29</u>	<u>5.74</u>
Excess Return	0.03	-0.16	0.68	0.84	1.18	0.31
Corporate	0.86	1.60	3.51	7.09	9.98	7.03
<i>Citigroup LPF Credit</i> ¹²	<u>0.12</u>	<u>0.56</u>	<u>1.96</u>	<u>5.53</u>	<u>8.30</u>	<u>6.07</u>
Excess Return	0.74	1.04	1.55	1.56	1.68	0.96

10 Effective 3/1/09. Benchmark is linked to MSCI Europe Index.

11 Effective 9/1/11. Benchmark is linked to 50% Citigroup BIG/ 50% Citigroup LPF (4/1/11-8/31/11) and 100% Citigroup BIG (8/1/05-3/31/11).

12 Effective 7/1/11. Benchmark is linked to 50% Citigroup BIG Credit/ 50% Citigroup LPF (4/1/11-6/30/11) and 100% Citigroup BIG Credit Index (1/1/01-3/31/11).

Performance Summary

Periods Ending September 30, 2015

	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)
Gov't 1-5	3.51	6.43	3.62	8.38	7.60	--
<i>Citigroup LPF Treas/Govt Spons¹³</i>	<u>4.16</u>	<u>7.69</u>	<u>2.47</u>	<u>6.29</u>	<u>6.55</u>	<u>5.92</u>
Excess Return	-0.65	-1.26	1.15	2.09	1.05	
Gov't 5 Plus	4.03	7.65	2.63	6.00	7.41	6.16
<i>Citigroup LPF Treas/Govt Spons¹⁴</i>	<u>4.16</u>	<u>7.69</u>	<u>2.47</u>	<u>5.64</u>	<u>6.79</u>	<u>6.45</u>
Excess Return	-0.13	-0.04	0.16	0.36	0.62	-0.29
MBS	1.20	3.42	2.05	3.30	4.36	4.33
<i>Citi BIG Mortgage</i>	<u>1.27</u>	<u>3.46</u>	<u>1.96</u>	<u>3.05</u>	<u>4.36</u>	<u>4.75</u>
Excess Return	-0.07	-0.04	0.09	0.25	0.00	-0.42
Inflation Hedged	-1.17	-0.73	-1.90	2.46	3.85	4.23
<i>Citi TIPS</i>	<u>-1.21</u>	<u>-0.86</u>	<u>-1.94</u>	<u>2.59</u>	<u>3.95</u>	<u>4.06</u>
Excess Return	0.04	0.13	0.04	-0.13	-0.10	0.17
Real Estate	3.16	13.47	11.79	12.08	4.15	7.37
<i>NCREIF 1Q Lag</i>	<u>3.14</u>	<u>12.96</u>	<u>11.63</u>	<u>12.71</u>	<u>5.36</u>	<u>8.16</u>
Excess Return	0.02	0.51	0.16	-0.63	-1.21	-0.79
Traditional Private Equity*	5.70	21.18	20.69	18.95		
<i>S&P 500 +3% 1Q Lag</i>	<u>1.03</u>	<u>10.42</u>	<u>20.29</u>	<u>20.33</u>		
Excess Return	4.67	10.76	0.40	-1.38		

13 Effective 9/1/11. Benchmark is linked to Citi 1-7 Govt (7/1/11-8/31/11), 50% Citigroup 1-5 Govt/ 50% Citigroup 1-7 Govt (4/1/11-6/30/11), and 100% Citigroup 1-5 Govt (9/1/09-3/31/11).

14 Effective 7/1/11. Benchmark is linked to 50% Citigroup Core 5+ Govt/ 50% Citigroup 7+ Govt (4/1/11-6/30/11), 100% Citigroup Core 5+ Govt (9/1/09-3/31/11), and 100% Citigroup Govt (7/1/04-8/31/09).

* Effective 4/1/12. One quarter lagged IRR returns are provided by TorreyCove Capital Partners. TorreyCove replaced Cambridge Associates effective 8/1/15.

Performance Summary

Periods Ending September 30, 2015

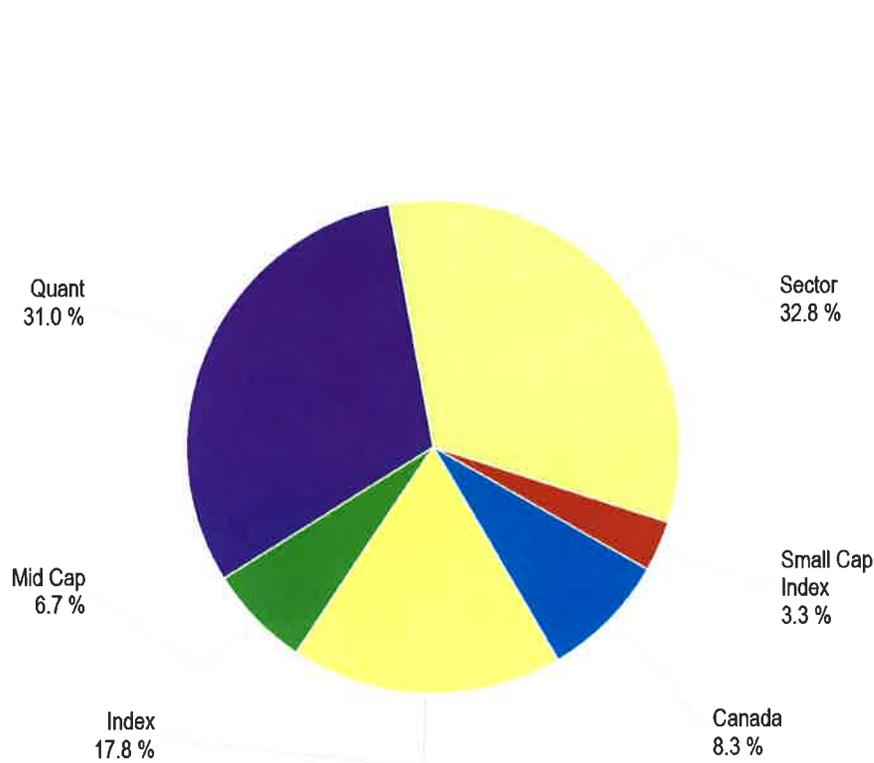
	3 Mo (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)
Strategic Lending Portfolio¹⁵	-1.93	-0.24	--	--	--	--
<i>Strategic Lending¹⁶</i>	<u>-3.04</u>	<u>-1.10</u>	--	--	--	--
Excess Return	1.11	0.86				
Short Term	0.92	2.71	1.40	1.47	1.69	--
<i>91 Day T-Bills</i>	<u>0.01</u>	<u>0.02</u>	<u>0.04</u>	<u>0.05</u>	<u>0.08</u>	<u>1.20</u>
Excess Return	0.91	2.69	1.36	1.42	1.61	
Short Duration	0.16	0.82	1.04	1.36	2.32	--
<i>91 Day T-Bills</i>	<u>0.01</u>	<u>0.02</u>	<u>0.04</u>	<u>0.05</u>	<u>0.08</u>	<u>1.20</u>
Excess Return	0.15	0.80	1.00	1.31	2.24	
Cash	0.11	0.34	0.44	1.08	1.09	2.13
<i>91 Day T-Bills</i>	<u>0.01</u>	<u>0.02</u>	<u>0.04</u>	<u>0.05</u>	<u>0.08</u>	<u>1.20</u>
Excess Return	0.10	0.32	0.40	1.03	1.01	0.93

15 Funded 8/1/13. Reported net of fees. ICG Europe Fund VI and OrbiMed Royalty Opp II market values are rolled forward from Q2 2015, and adjusted for any Q3 cash flows.

16 Effective 1/1/13, benchmark is 50% Barclays HY 2% Issuer Capped/ 50% Credit Suisse Leveraged Loans.

Manager Allocation Analysis - North American Equity

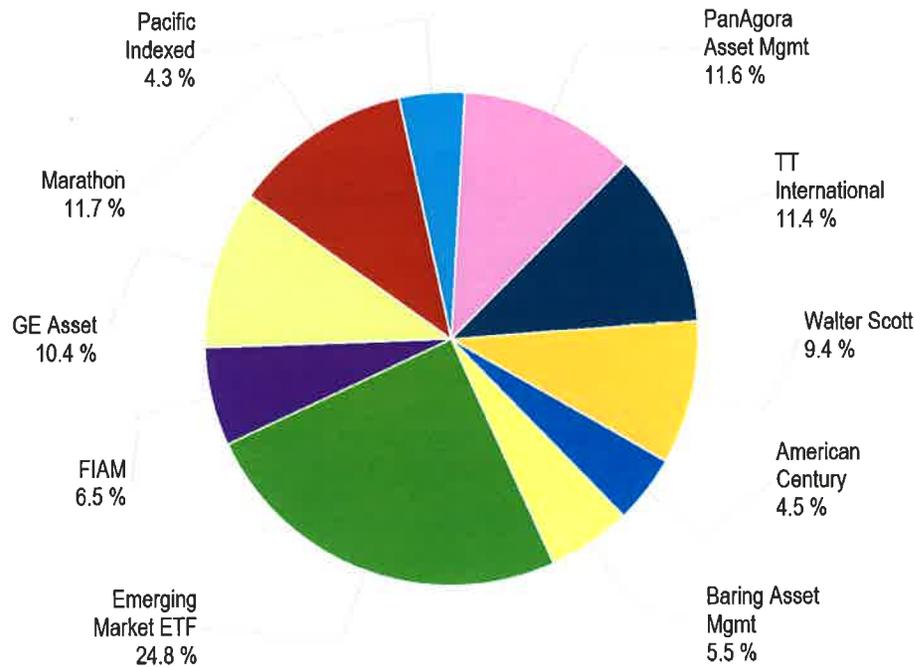
As of September 30, 2015



	Actual \$	Actual %
Canada	\$1,211,180,961	8.3%
Index	\$2,597,837,149	17.8%
Mid Cap	\$981,091,133	6.7%
Quant	\$4,526,288,994	31.0%
Sector	\$4,786,804,437	32.8%
Small Cap Index	\$484,278,486	3.3%
Total	\$14,587,481,160	

Manager Allocation Analysis - International Equity

As of September 30, 2015

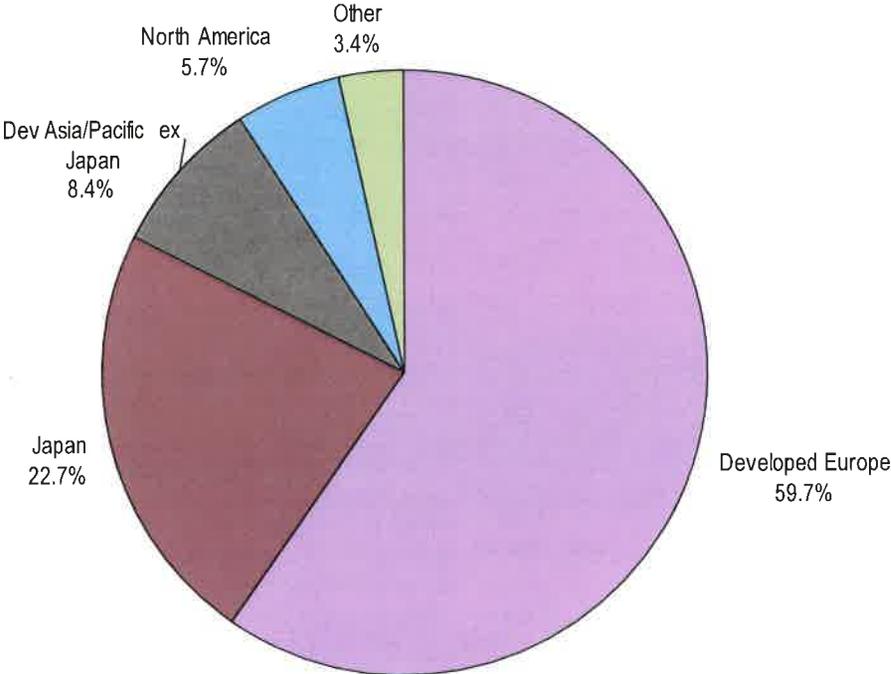


	Actual \$	Actual %
American Century	\$312,595,345	4.5%
Baring Asset Mgmt	\$381,115,726	5.5%
Emerging Market ETF	\$1,731,450,211	24.8%
FIAM	\$451,193,923	6.5%
GE Asset	\$725,248,474	10.4%
Marathon	\$819,211,013	11.7%
Pacific Indexed	\$299,149,050	4.3%
PanAgora Asset Mgmt	\$807,392,763	11.6%
TT International	\$794,989,846	11.4%
Walter Scott	\$658,275,307	9.4%
Total	\$6,980,621,658	

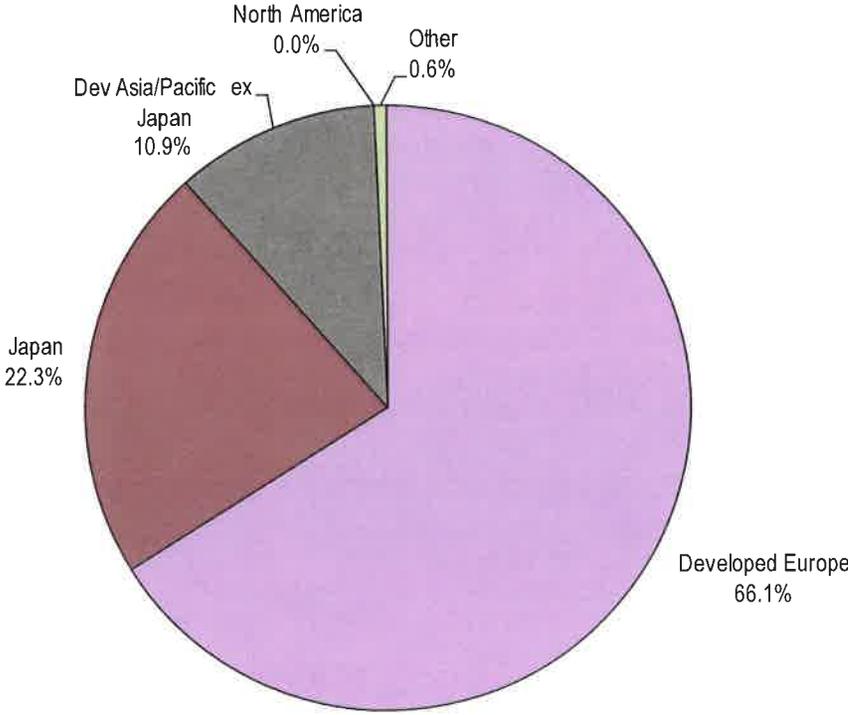
Developed International Equity Portfolio Regional Weights

As of September 30, 2015

Developed International Equity



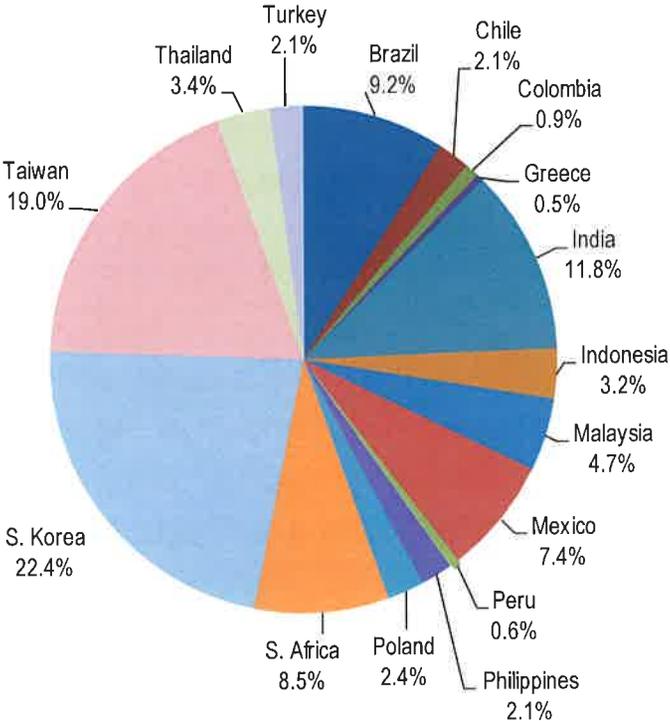
MSCI EAFE Index



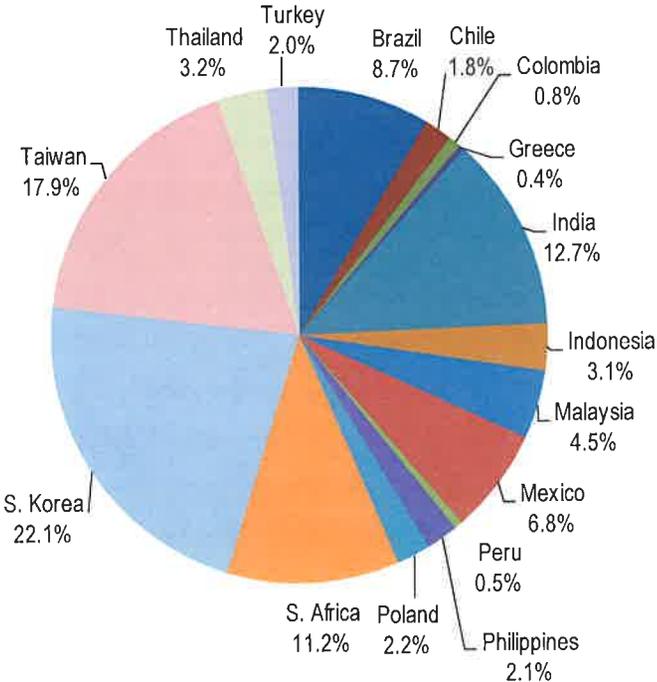
Emerging Market ETF Portfolio Regional Weights

As of September 30, 2015

Emerging Market ETF

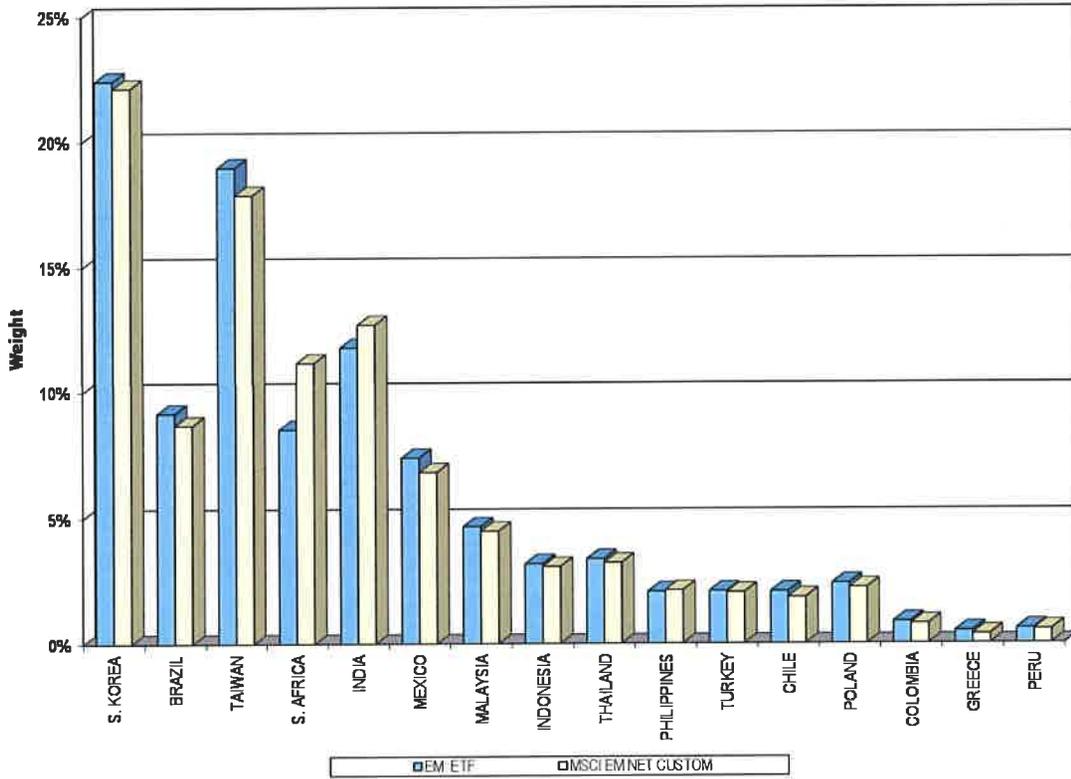


MSCI Emerging Market Net Custom Index



Portfolio Country Weights - Emerging Market ETF

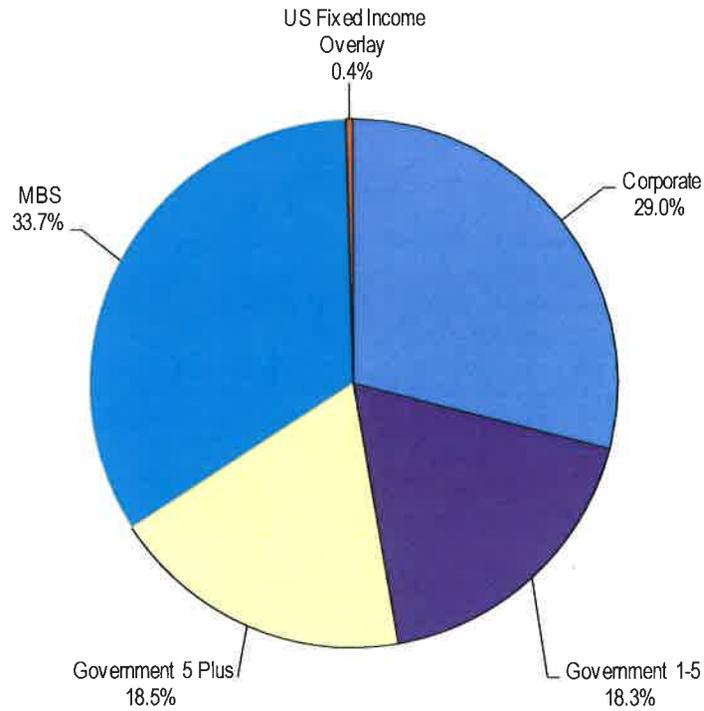
As of September 30, 2015



COUNTRY	TCRS MARKET VALUE (\$ 000)	EM ETF	MSCI EM NET CUSTOM	DIFF
S. KOREA	\$ 388,344	22.4%	22.1%	+0.3%
BRAZIL	\$ 159,069	9.2%	8.7%	+0.5%
TAIWAN	\$ 328,474	19.0%	17.9%	+1.1%
S. AFRICA	\$ 147,841	8.5%	11.2%	-2.6%
INDIA	\$ 204,290	11.8%	12.7%	-0.9%
MEXICO	\$ 128,038	7.4%	6.8%	+0.6%
MALAYSIA	\$ 80,648	4.7%	4.5%	+0.2%
INDONESIA	\$ 54,810	3.2%	3.1%	+0.1%
THAILAND	\$ 58,134	3.4%	3.2%	+0.2%
PHILIPPINES	\$ 35,507	2.1%	2.1%	-0.1%
TURKEY	\$ 35,829	2.1%	2.0%	+0.0%
CHILE	\$ 35,640	2.1%	1.8%	+0.2%
POLAND	\$ 41,289	2.4%	2.2%	+0.2%
COLOMBIA	\$ 14,985	0.9%	0.8%	+0.1%
GREECE	\$ 8,443	0.5%	0.4%	+0.1%
PERU	\$ 10,109	0.6%	0.5%	+0.0%
	\$ 1,731,450	100.0%	100.0%	0.0%

Manager Allocation Analysis - US Fixed Income

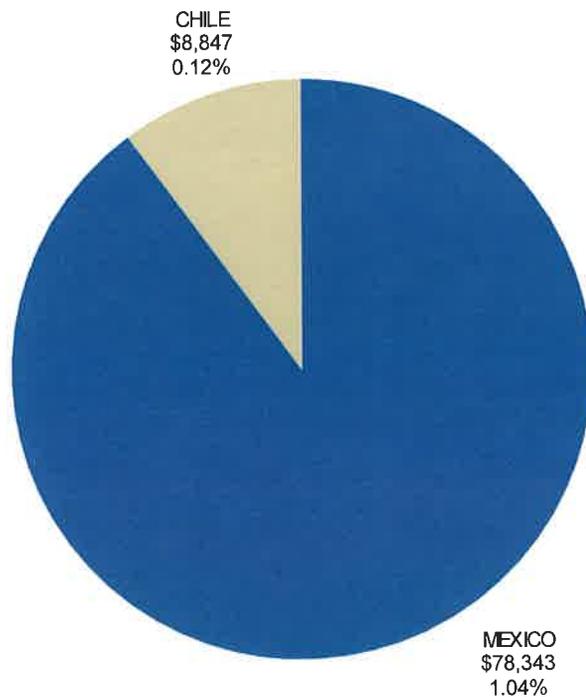
As of September 30, 2015



	Actual \$	Actual %
Corporate	3,387,388,103	29.0%
Government 1-5	2,133,638,094	18.3%
Government 5 Plus	2,162,864,744	18.5%
MBS	3,934,563,598	33.7%
US Fixed Income Overlay	47,258,964	0.4%
TOTAL	11,665,713,503	100.0%

Emerging Market Investment Grade Bond Portfolio Regional Weights

As of September 30, 2015



COUNTRY	TCSR MARKET VALUE (\$ 000)	TCSR FI	LPF	DIFF
OTHER*	\$ -		0.83%	-0.83%
MEXICO	\$ 78,343	1.04%	0.73%	+0.31%
BRAZIL	\$ -		0.48%	-0.48%
TURKEY	\$ -		0.38%	-0.38%
INDONESIA	\$ -		0.30%	-0.30%
PHILIPPINES	\$ -		0.26%	-0.26%
COLOMBIA	\$ -		0.21%	-0.21%
PERU	\$ -		0.14%	-0.14%
S. KOREA	\$ -		0.09%	-0.09%
S. AFRICA	\$ -		0.08%	-0.08%
POLAND	\$ -		0.05%	-0.05%
CHILE	\$ 8,847	0.12%	0.04%	+0.08%
MALAYSIA	\$ -		0.02%	-0.02%
INDIA	\$ -			0.00%
THAILAND	\$ -			0.00%
TAIWAN	\$ -			0.00%
	\$ 87,190	1.15%	3.61%	-2.46%

* Includes Bahrain, British Virgin, Curacao, Iceland, Isle of Man, Panama, Qatar, Slovakia, Slovenia and Uruguay.

**Countries excluded: United States, Japan, Germany, France, The United Kingdom, Italy, Canada, Australia, Spain, Israel, Belgium, Ireland, Luxembourg, Netherlands, Norway, Sweden and Switzerland.