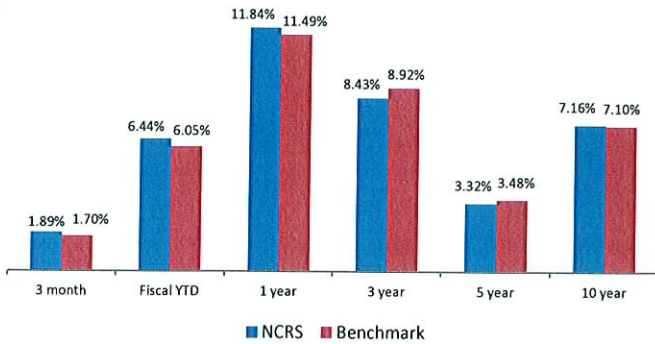


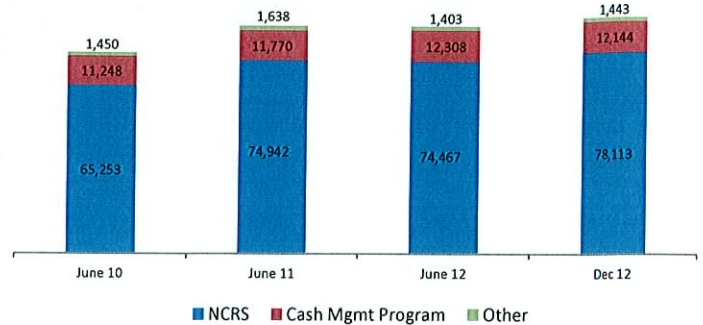
Portfolio Summary

31-Dec-12

Portfolio Return (NCRS) vs. Benchmark

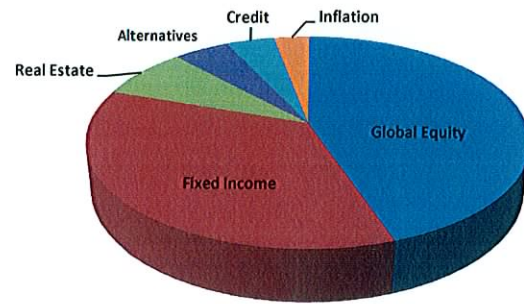


Assets Under Management (\$mil)
\$91.70 Billion as of December 31, 2012



NCRS Asset Allocation

	MV (\$mil)	Current %	Policy %	Policy Range
Global Equity	\$ 34,867	44.64%	40.50%	35.0% - 50.0%
Fixed Income	\$ 27,682	35.44%	36.00%	34.0% - 42.0%
Real Estate	\$ 6,141	7.86%	8.00%	5.0% - 10.0%
Alternatives	\$ 3,816	4.89%	6.50%	0% - 7.5%
Private Equity	\$ 3,548	4.54%		
Hedge Funds	\$ 268	0.34%		
Credit	\$ 3,226	4.13%	4.50%	0% - 5.0%
Inflation	\$ 2,380	3.05%	4.50%	0% - 5.0%
Total NCRS	\$ 78,113	100%	100%	



NCRS Asset Class Returns

	Month	3 Month	Fiscal YTD	Cal YTD	1 Yr	3 Yr	5 Yr	10 Yr
Global Equity	2.47%	3.40%	10.54%	17.59%	17.59%	8.02%	0.10%	7.52%
Custom Equity Benchmark	2.43%	3.12%	10.17%	16.90%	16.90%	7.77%	-0.21%	7.11%
Fixed Income	-0.31%	0.48%	3.22%	7.29%	7.29%	9.18%	8.38%	6.66%
Custom Fixed Income Benchmark	-0.46%	0.29%	2.53%	6.38%	6.38%	9.19%	7.80%	6.36%
Real Estate	1.51%	2.05%	3.53%	8.88%	8.88%	7.02%	-5.03%	3.78%
Custom Real Estate Benchmark	2.44%	3.07%	6.03%	13.28%	13.28%	12.50%	-0.50%	6.85%
Alternatives	0.19%	0.58%	1.17%	5.51%	5.51%	7.73%	1.92%	5.54%
Custom Alternatives Benchmark	2.66%	3.04%	3.05%	11.34%	11.34%	12.77%	4.65%	7.85%
Private Equity	0.18%	0.55%	1.11%	5.74%	5.74%	8.37%	2.69%	6.32%
Custom Private Equity Benchmark	2.80%	3.19%	3.05%	11.81%	11.81%	14.82%	3.33%	10.74%
Hedge Funds	0.31%	0.90%	1.87%	2.71%	2.71%	1.65%	-1.71%	2.98%
Custom Hedge Fund Benchmark	0.83%	1.11%	2.95%	5.31%	5.31%	2.15%	3.33%	5.18%
Credit Strategies	1.33%	3.39%	7.13%	13.95%	13.95%	10.52%	-	-
Custom Credit Benchmark	0.86%	-0.36%	1.12%	4.85%	4.85%	3.30%	-	-
Inflation Portfolio	-1.43%	-3.34%	2.55%	1.00%	1.00%	-8.24%	-	-
Custom Inflation Benchmark	-2.41%	-4.94%	1.92%	1.37%	1.37%	-0.41%	-	-

Portfolio Summary

31-Dec-12

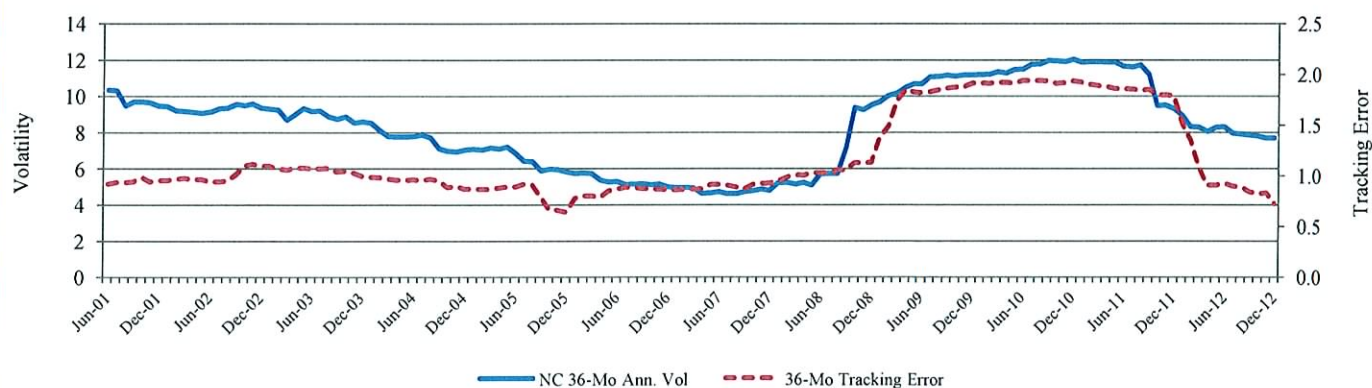
Attribution - Contribution to Relative Performance

	<u>3 month</u>	<u>6 month</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>
Global Equity	0.12	0.16	0.31	0.07	0.09
Fixed Income	0.07	0.26	0.33	-0.09	0.21
Real Estate	-0.08	-0.21	-0.34	-0.31	-0.30
Private Equity	-0.12	-0.09	-0.30	-0.28	-0.17
Hedge Funds	0.00	0.00	-0.01	0.01	-0.06
Credit Strategies	0.15	0.25	0.38	0.19	0.11
Inflation Portfolio	0.05	0.02	-0.02	-0.08	-0.04
Total NCRS	0.19	0.39	0.35	-0.49	-0.16

Risk and Return Metrics

Program	POSITION		36-MONTH					60-MONTH				
	\$ Bil	% Wgt			Active		IR			Active		IR
			Return	St. Dev	Return	TE		Return	St. Dev	Return	TE	
Global Equity	34.9	44.6	8.0	17.1	0.3	0.6	0.4	0.1	20.6	0.3	1.2	0.3
Fixed Income	27.7	35.4	9.2	3.6	0.0	0.9	0.0	8.4	5.5	0.6	1.0	0.6
Real Estate	6.1	7.9	7.0	4.1	-5.5	5.1	-1.1	-5.0	7.9	-4.5	7.4	-0.6
Private Equity	3.5	4.5	8.4	3.4	-6.5	11.9	-0.5	2.7	6.0	-0.6	17.4	0.0
Hedged Strategies	0.3	0.3	1.7	3.8	-0.5	3.3	-0.1	-1.7	7.1	-5.0	7.1	-0.7
Credit Strategies	3.2	4.1	10.5	4.3	7.2	4.5	1.6	--	--	--	--	--
Inflation Portfolio	2.4	3.0	-8.2	16.0	-7.8	12.6	-0.6	--	--	--	--	--
Total NCRS	78.1	100.0	8.4	7.7	-0.5	0.7	-0.7	3.3	10.3	-0.2	1.5	-0.1

Rolling 3 Year Total Fund Volatility & Tracking Error



Universe Comparison*

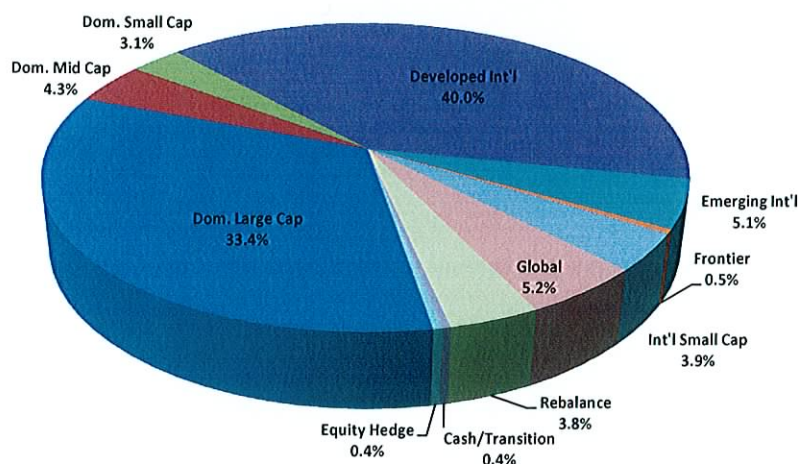
<u>Returns</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>	<u>10 Year</u>
25th percentile	14.36	9.72	3.70	8.38
Median	13.35	9.12	2.91	7.63
75th percentile	12.19	8.57	2.16	7.03
NCRS	12.24	8.87	3.73	7.45
Percentile Rank	75	60	25	62
<u>Risk</u>				
25th percentile	7.49	10.12	13.07	10.49
Median	6.60	9.22	12.27	9.76
75th percentile	5.58	8.05	11.33	8.99
NCRS	5.73	7.69	10.34	8.31
Percentile Rank	72	81	84	89

*BNY Mellon Universe - Public Funds > \$1B (Gross of Fees)

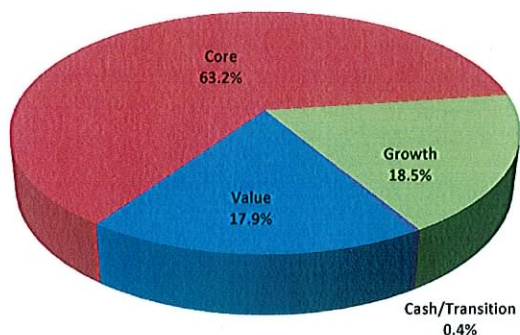
Portfolio Summary - Global Equity

31-Dec-12

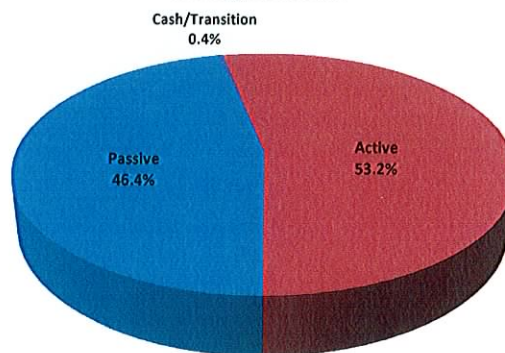
Fund Allocation (based on fund mandate)



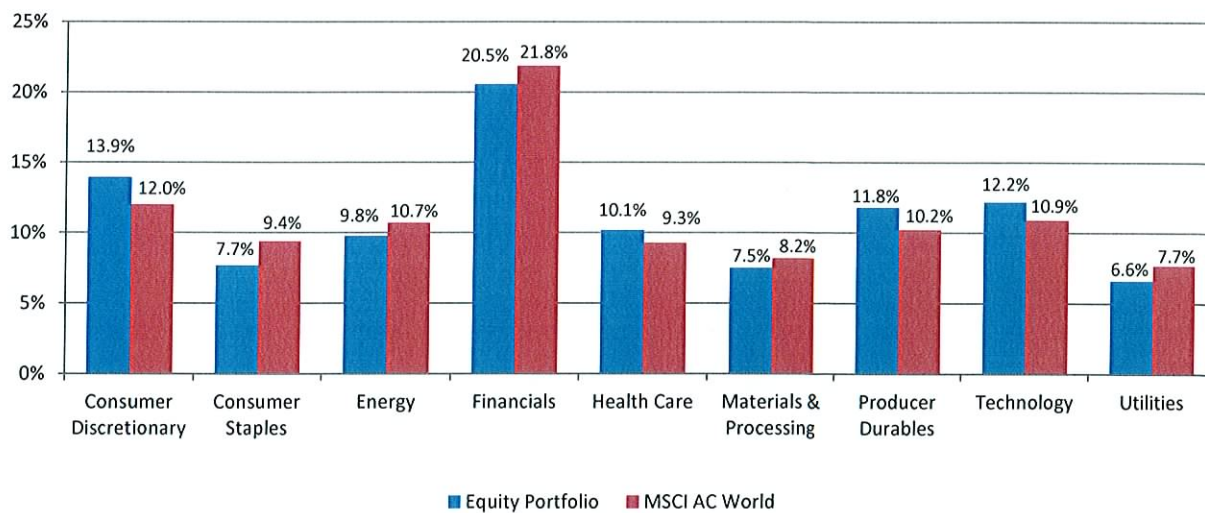
Style Allocation



Strategy Allocation



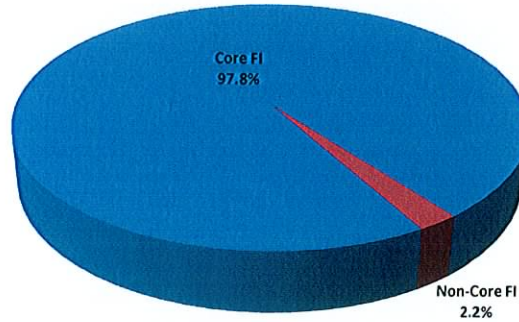
Sector Allocation



Portfolio Summary - Fixed Income

31-Dec-12

Allocation

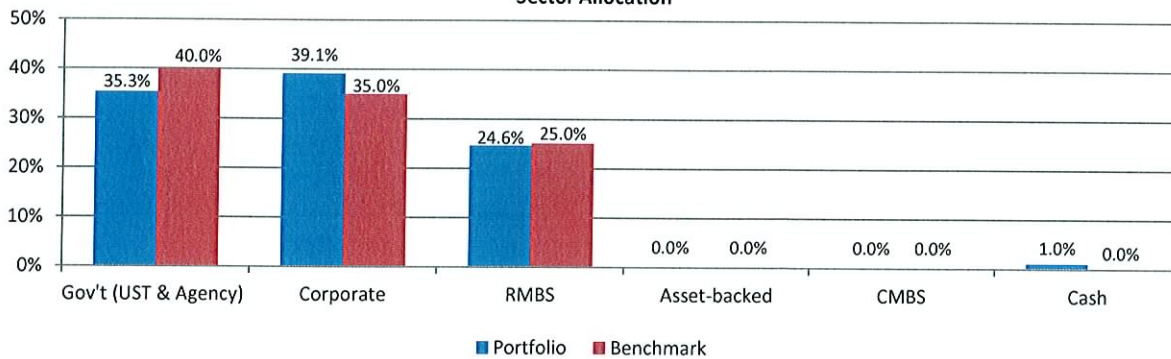


Returns

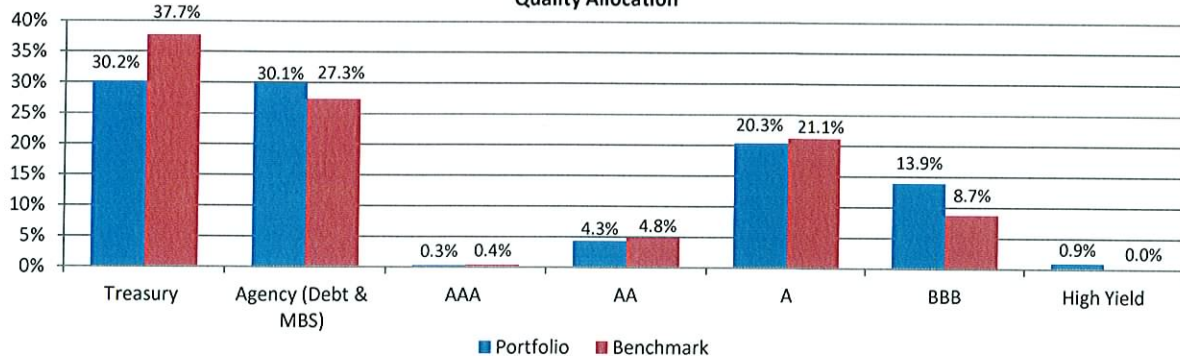
	Month	3 Month	Fiscal YTD	Cal YTD	1 Yr	3 Yr	5 Yr	10 Yr
Total Fixed Income	-0.31%	0.48%	3.22%	7.29%	7.29%	9.18%	8.38%	6.66%
Core Fixed Income	-0.33%	0.43%	3.08%	7.08%	7.08%	9.32%	8.42%	6.71%
Non-Core Fixed Income	0.72%	2.79%	9.66%	16.62%	16.62%	9.90%	9.81%	-
Custom Fixed Income Benchmark	-0.46%	0.29%	2.53%	6.38%	6.38%	9.19%	7.80%	6.36%

Core Fixed Income

Sector Allocation



Quality Allocation

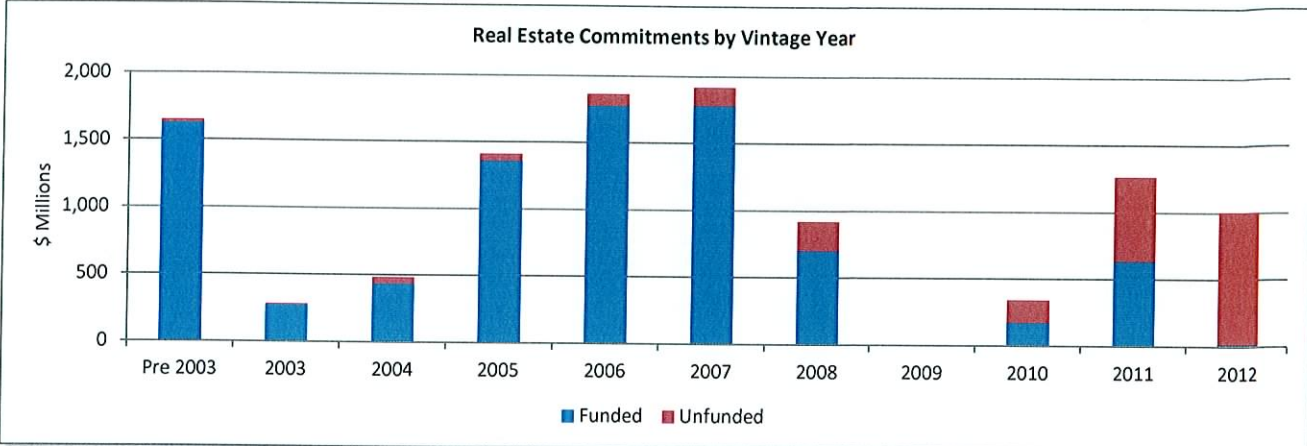


Portfolio Characteristics

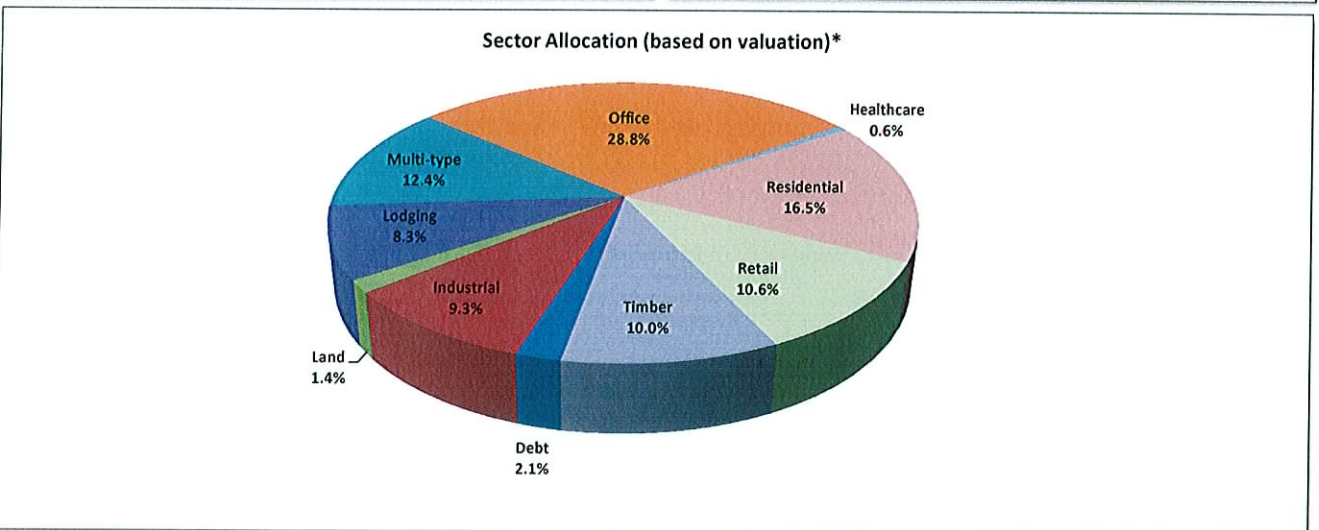
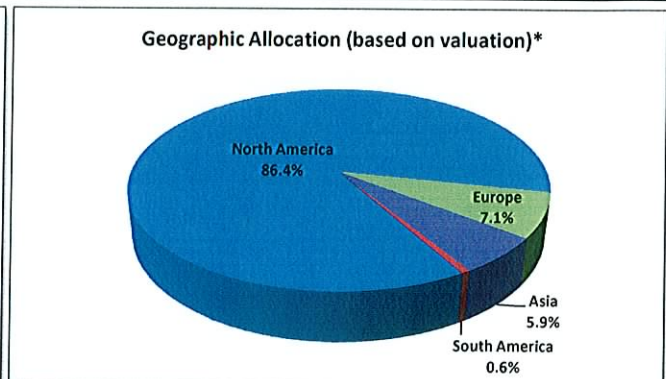
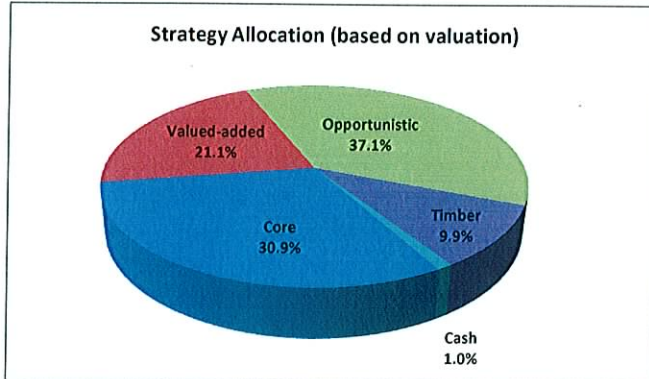
	Avg. Coupon	Yield to Maturity	Duration
Government (Treasury & Agency)	5.44%	1.64%	8.6
Corporate	5.87%	3.37%	9.0
Mortgage	4.52%	1.67%	2.5
Total	5.38%	2.33%	7.2

Portfolio Summary - Real Estate

31-Dec-12



IRR by Vintage Year											
	<u>Pre-2003</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>Total</u>
NCRS	7.53	15.64	10.07	-3.55	-4.34	-0.55	3.93	1.30	8.30	-17.11	2.93
# of Funds	18	2	4	15	19	13	6	5	8	8	98

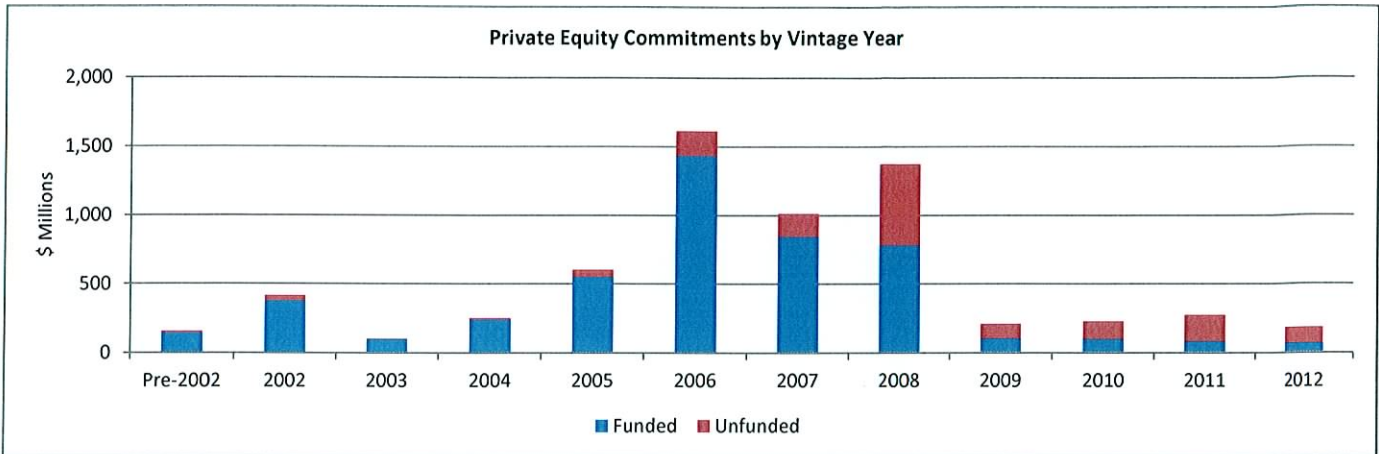


Global REIT Returns								
	<u>Month</u>	<u>3 Month</u>	<u>Fiscal YTD</u>	<u>Cal YTD</u>	<u>1 Yr</u>	<u>3 Yr</u>	<u>5 Yr</u>	<u>10 Yr</u>
REIT Composite	4.57%	6.06%	11.72%	28.93%	28.93%	12.87%	2.04%	-
FTSE/EPRA/NAREIT Global Securities Index	3.84%	5.77%	11.59%	28.65%	28.65%	13.42%	1.07%	12.08%

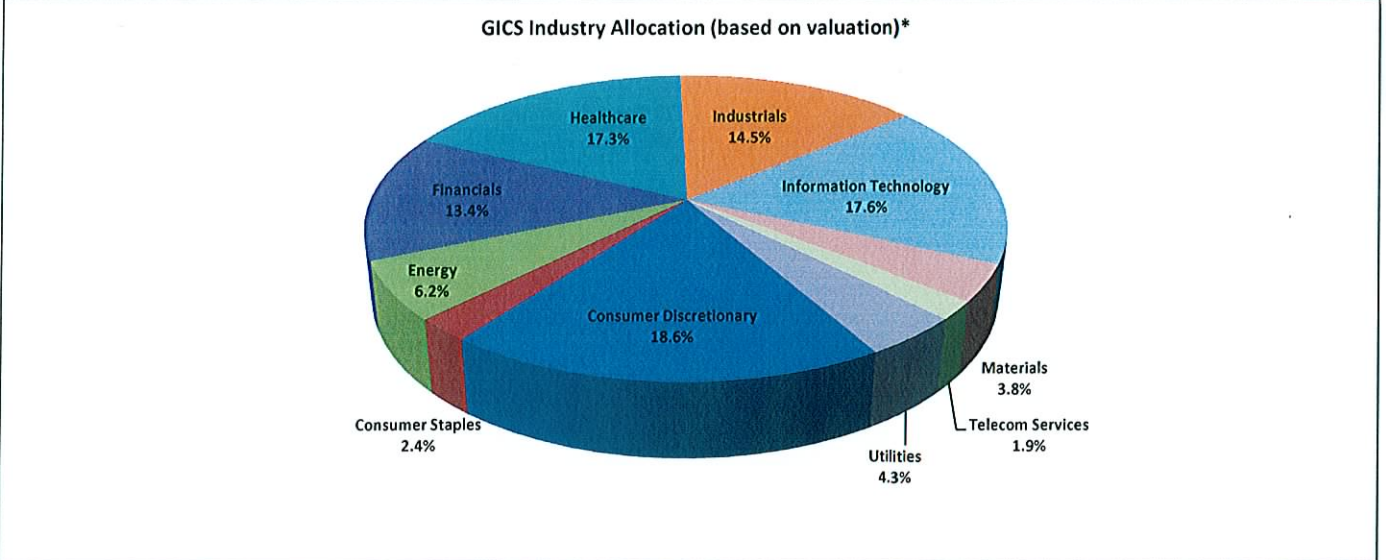
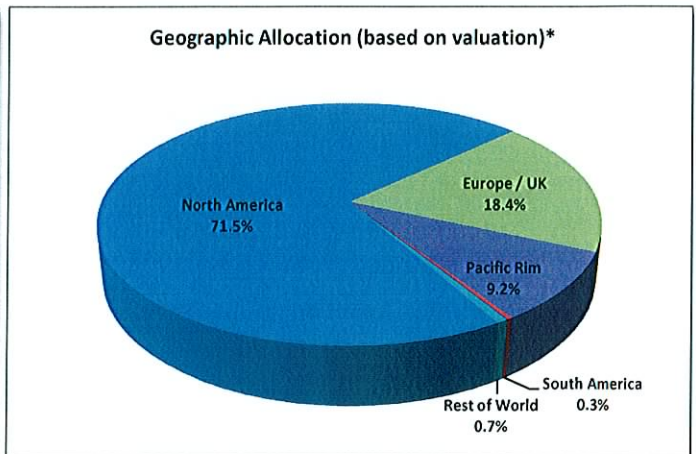
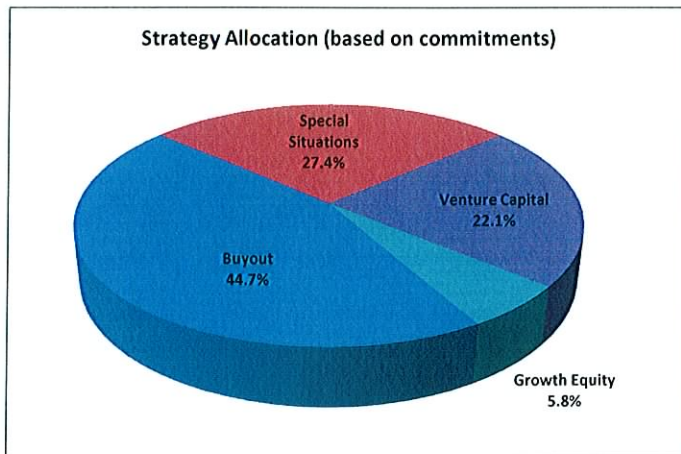
* as of 9/30/12

Portfolio Summary - Private Equity

31-Dec-12



	IRR by Vintage Year												
	Pre-2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
NCRS	15.45	8.58	13.45	6.82	5.24	1.83	4.48	5.85	3.19	3.64	-7.18	-31.91	5.58
# of Funds	18	8	2	3	11	21	13	17	3	1	4	5	106

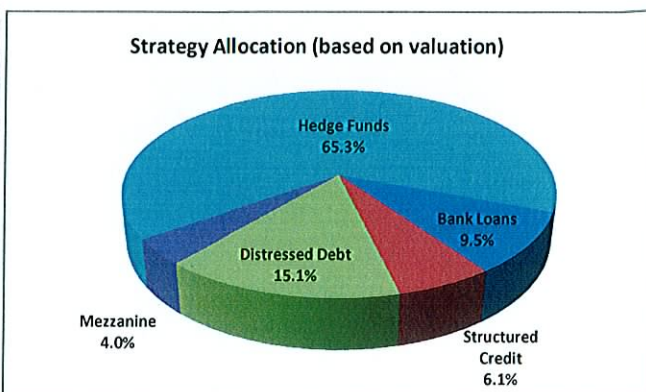
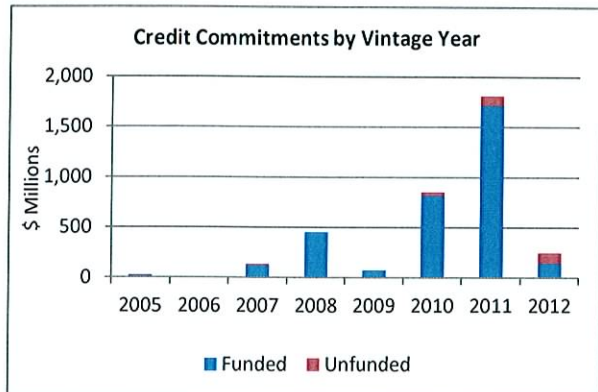


* data as of 9/30/12

Portfolio Summary - Credit, Inflation, & Hedge Funds

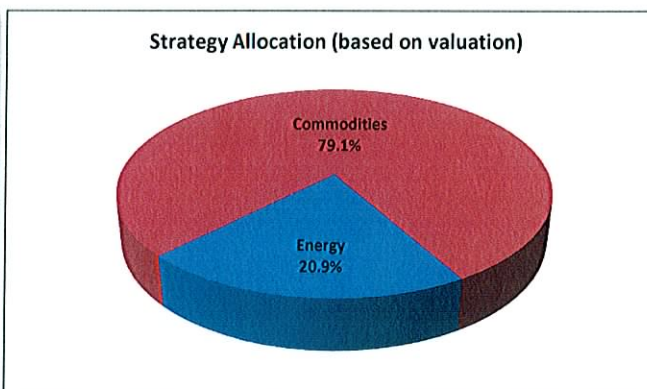
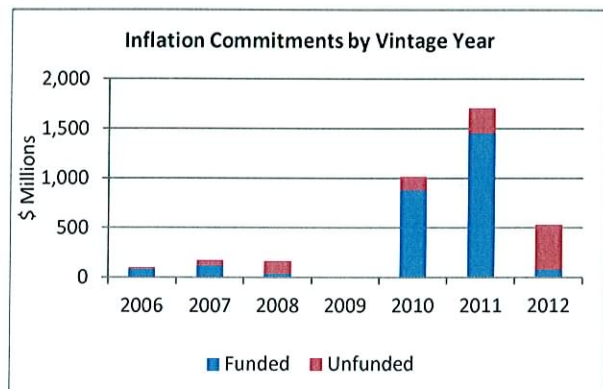
31-Dec-12

Credit Strategies



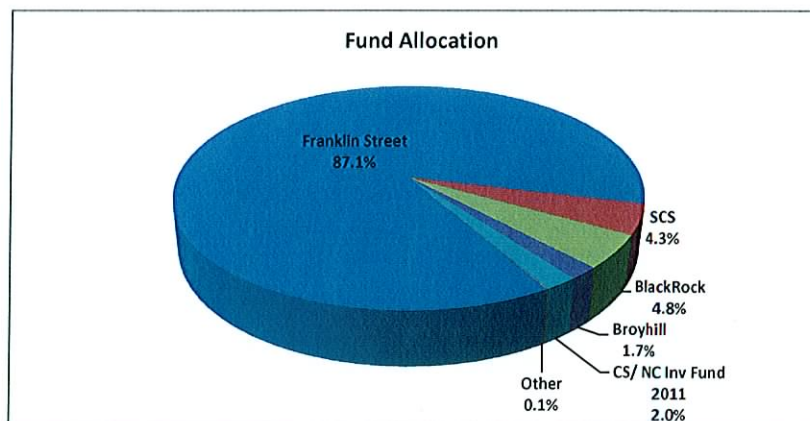
IRR by Vintage Year									
	2005	2006	2007	2008	2009	2010	2011	2012	Total
NCRS	2.63	N/A	15.70	10.03	22.42	10.65	3.50	2.72	8.50
# of Funds	1	0	1	3	1	3	10	3	22

Inflation Portfolio



IRR by Vintage Year						
	2006	2007	2008	2010	2011	2012
NCRS	4.70	12.51	13.05	-5.09	-8.31	4.68
# of Funds	1	2	2	3	9	7

Hedge Funds



New Investments - previous 12 months

31-Dec-12

<u>Fund Name</u>	<u>Firm Name</u>	<u>Commitment</u>	<u>Closing Date</u>
<u>Global Equity</u>			
Tiger Tar Heel Partners	Tiger THP	\$140,000,000	4/18/2012
<u>Private Equity</u>			
Mount Kellet Capital Partners II	Mount Kellet Capital Partners	\$75,000,000	2/15/2012
Accel-KKR Capital Partners IV	AKKR Management Company	\$10,000,000	3/16/2012
NEA 14	New Enterprise Associates	\$45,000,000	5/18/2012
Halifax Capital Partners III	The Halifax Group	\$30,000,000	6/28/2012
Carousel Capital Partners IV	Carousel Capital Partners	\$25,000,000	9/4/2012
<u>Real Estate</u>			
Scout Fund II	Hawkeye Partners	\$100,000,000	5/30/2012
Rockwood Capital Partners IX	Rockwood Capital	\$50,000,000	6/13/2012
NorthRock Fund II	Rockwood Capital	\$400,000,000	6/15/2012
Rockpoint Real Estate Fund IV	Rockpoint Group	\$100,000,000	6/18/2012
Meadow Real Estate Fund II	Meadow Fund II Holdings	\$60,000,000	7/20/2012
KTR Industrial Fund III	KTR Capital Partners	\$110,000,000	8/1/2012
Mesa West Real Estate Income Fund II	Mesa West Capital	\$100,000,000	10/31/2012
Crow Holdings Realty Partners VI	Crow Holdings	\$85,000,000	11/2/2012
<u>Credit Strategies</u>			
Fortress Credit Opportunities Fund III	Fortress Investment Group	\$75,000,000	3/19/2012
Silverback Arbitrage Fund	Silverback Asset Management	\$125,000,000	6/25/2012
Magnetar Constellation Fund IV	Magnetar Financial	\$50,000,000	12/17/2012
<u>Inflation Portfolio</u>			
Denham Commodity Partners Fund VI	Denham Capital	\$75,000,000	2/28/2012
RK Mine Finance Fund II	Red Kite General Partner Limited	\$75,000,000	3/29/2012
Capital Dynamics US Solar Energy Fund	Capital Dynamics	\$25,000,000	6/29/2012
Blackstone Energy Partners	The Blackstone Group	\$100,000,000	7/2/2012
GSO Foreland Resources Co-Invest	GSO Capital Partners	\$15,000,000	7/30/2012
Intervale Capital II	Intervale Capital	\$40,000,000	8/7/2012
North Star Investment Holdings	Wood Creek Capital Management	\$200,000,000	12/7/2012
<u>Hedge Funds</u>			
	None		