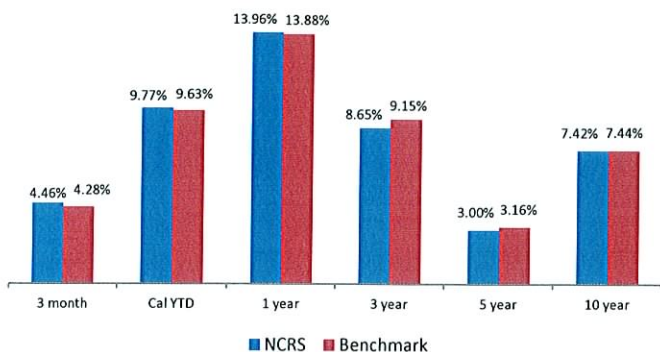


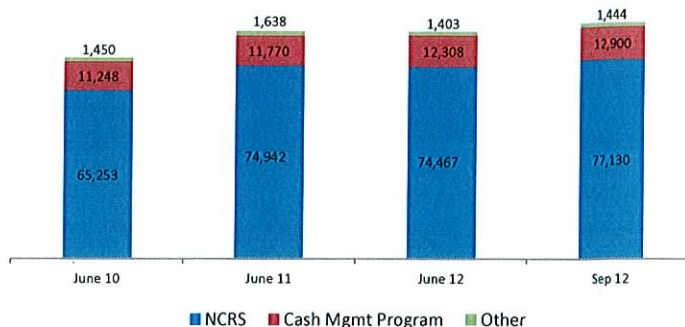
Portfolio Summary

30-Sep-12

Portfolio Return (NCRS) vs. Benchmark

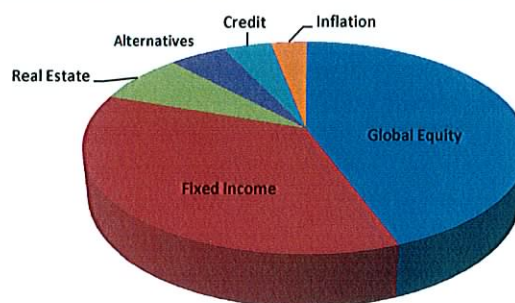


Assets Under Management (\$mil)
\$91.47 Billion as of September 30, 2012



NCRS Asset Allocation

	MV (\$mil)	Current %	Policy %	Policy Range
Global Equity	\$ 34,104	44.22%	40.50%	35.0% - 50.0%
Fixed Income	\$ 27,764	36.00%	36.00%	34.0% - 42.0%
Real Estate	\$ 5,909	7.66%	8.00%	5.0% - 10.0%
Alternatives	\$ 3,814	4.94%	6.50%	0% - 7.5%
Private Equity	\$ 3,546	4.60%		
Hedge Funds	\$ 268	0.35%		
Credit	\$ 3,146	4.08%	4.50%	0% - 5.0%
Inflation	\$ 2,394	3.10%	4.50%	0% - 5.0%
Total NCRS	\$ 77,130	100%	100%	



NCRS Asset Class Returns

	Month	3 Month	Fiscal YTD	Cal YTD	1 Yr	3 Yr	5 Yr	10 Yr
Global Equity	3.16%	6.91%	6.91%	13.72%	22.39%	8.50%	-0.97%	7.98%
Custom Equity Benchmark	3.25%	6.84%	6.84%	13.36%	22.04%	8.39%	-1.39%	7.60%
Fixed Income	0.31%	2.73%	2.73%	6.77%	8.66%	8.98%	9.03%	6.76%
Custom Fixed Income Benchmark	0.01%	2.23%	2.23%	6.08%	7.82%	8.81%	8.48%	6.49%
Real Estate	0.48%	1.45%	1.45%	6.69%	7.20%	5.35%	-5.20%	3.77%
Custom Real Estate Benchmark	1.75%	2.88%	2.88%	9.91%	14.29%	9.04%	-0.60%	6.71%
Alternatives	1.13%	0.58%	0.58%	4.91%	4.66%	9.37%	2.21%	5.32%
Custom Alternatives Benchmark	0.46%	0.01%	0.01%	8.06%	2.72%	15.93%	4.48%	7.18%
Private Equity	1.17%	0.56%	0.56%	5.15%	5.16%	10.20%	2.91%	5.84%
Custom Private Equity Benchmark	0.47%	-0.13%	-0.13%	8.36%	2.61%	19.69%	3.18%	8.47%
Hedge Funds	0.69%	0.96%	0.96%	1.79%	-1.22%	2.31%	-1.39%	2.88%
Custom Hedge Fund Benchmark	0.31%	1.81%	1.81%	4.15%	3.62%	2.11%	3.51%	5.21%
Credit Strategies	1.17%	3.62%	3.62%	10.21%	8.67%	-	-	-
Custom Credit Benchmark	0.61%	1.49%	1.49%	5.23%	6.51%	-	-	-
Inflation Portfolio	0.59%	6.09%	6.09%	4.48%	4.79%	-	-	-
Custom Inflation Benchmark	1.91%	7.22%	7.22%	6.64%	6.39%	-	-	-

Portfolio Summary

30-Sep-12

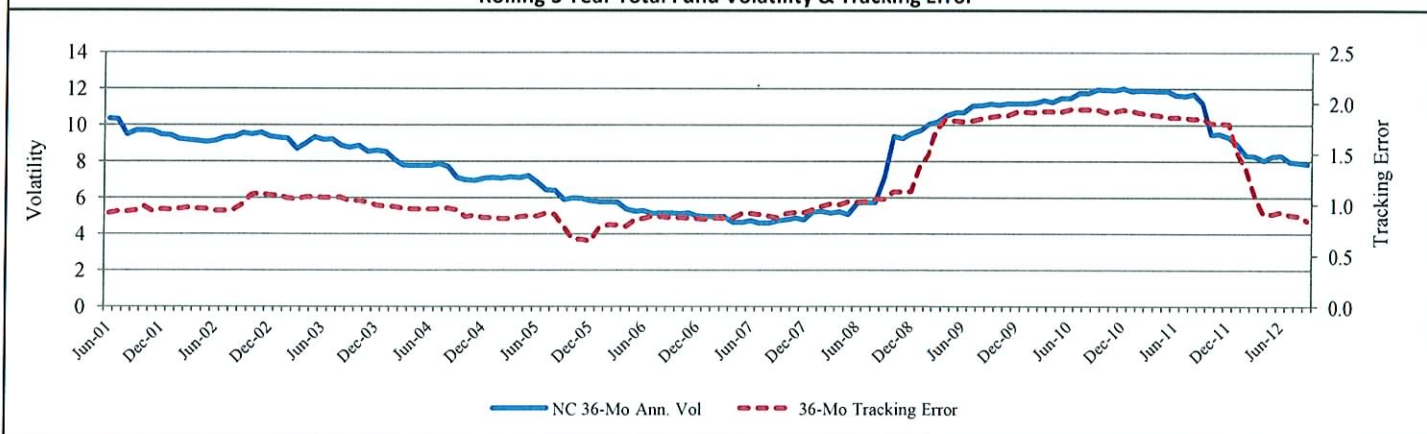
Attribution - Contribution to Relative Performance

	<u>3 month</u>	<u>6 month</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>
Global Equity	0.03	-0.20	0.16	-0.01	0.14
Fixed Income	0.18	0.01	0.32	-0.03	0.16
Real Estate	-0.12	-0.19	-0.55	-0.20	-0.29
Private Equity	0.03	-0.13	0.12	-0.33	-0.14
Hedge Funds	0.00	0.00	-0.02	0.02	-0.06
Credit Strategies	0.09	0.24	0.10	0.14	0.08
Inflation Portfolio	-0.03	-0.09	-0.05	-0.09	-0.05
Total NCRS	0.18	-0.36	0.08	-0.50	-0.16

Risk and Return Metrics

Program	POSITION		36-MONTH					60-MONTH				
	\$ Bil	% Wgt	Return	St. Dev	Active			Return	St. Dev	Active		
					Return	TE	IR			Return	TE	IR
Global Equity	34.1	44.2	8.5	17.3	0.1	0.8	0.2	-1.0	20.8	0.4	1.3	0.3
Fixed Income	27.8	36.0	9.0	3.9	0.2	0.9	0.2	9.0	5.5	0.5	1.0	0.5
Real Estate	5.9	7.7	5.3	4.4	-3.7	6.4	-0.6	-5.2	7.9	-4.6	7.6	-0.6
Private Equity	3.5	4.6	10.2	4.0	-9.5	12.4	-0.8	2.9	6.0	-0.3	17.6	0.0
Hedged Strategies	0.3	0.3	2.3	3.9	0.2	3.4	0.1	-1.4	7.3	-4.9	7.2	-0.7
Credit Strategies	3.1	4.1	--	--	--	--	--	--	--	--	--	--
Inflation Portfolio	2.4	3.1	--	--	--	--	--	--	--	--	--	--
Total NCRS	77.1	100.0	8.6	7.8	-0.5	0.8	-0.6	3.0	10.4	-0.2	1.6	-0.1

Rolling 3 Year Total Fund Volatility & Tracking Error



Universe Comparison*

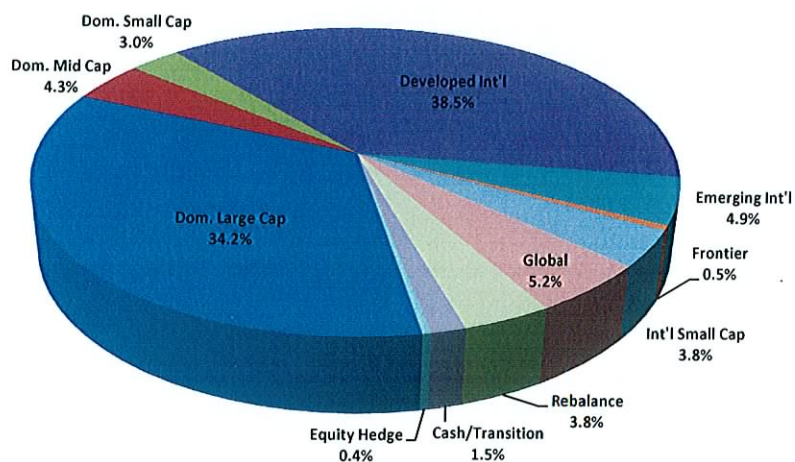
<u>Returns</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>	<u>10 Year</u>
25th percentile	17.99	10.25	3.30	8.56
Median	16.34	9.61	2.28	7.99
75th percentile	14.35	8.92	1.60	7.30
NCRS	14.45	9.11	3.42	7.70
Percentile Rank	75	68	25	64
<u>Risk</u>				
25th percentile	9.80	10.26	13.24	10.57
Median	8.58	9.30	12.34	9.87
75th percentile	7.20	8.10	11.20	9.04
NCRS	7.33	7.84	10.40	8.38
Percentile Rank	74	80	83	89

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

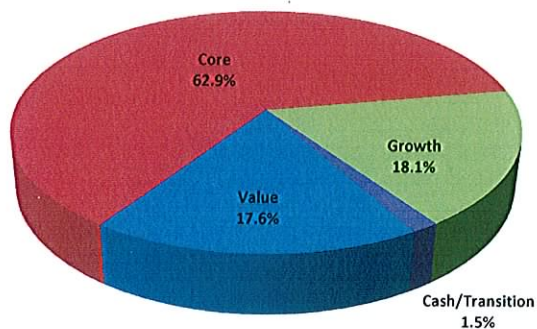
Portfolio Summary - Global Equity

30-Sep-12

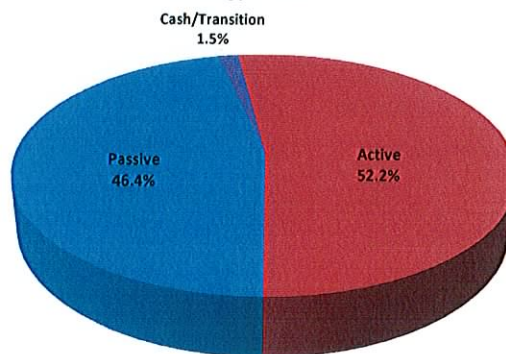
Fund Allocation (based on fund mandate)



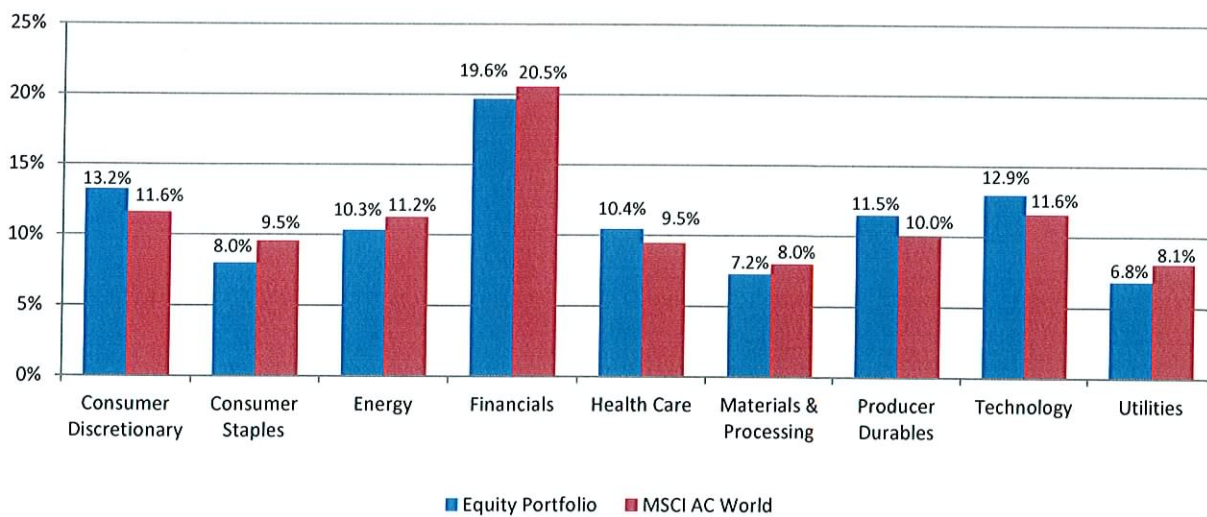
Style Allocation



Strategy Allocation



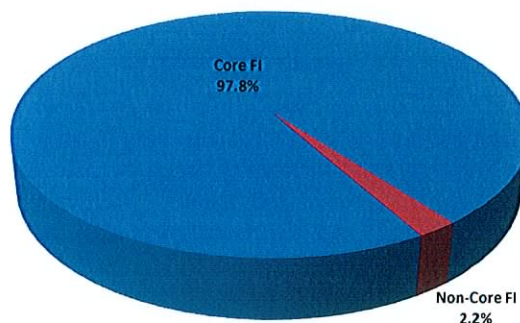
Sector Allocation



Portfolio Summary - Fixed Income

30-Sep-12

Allocation

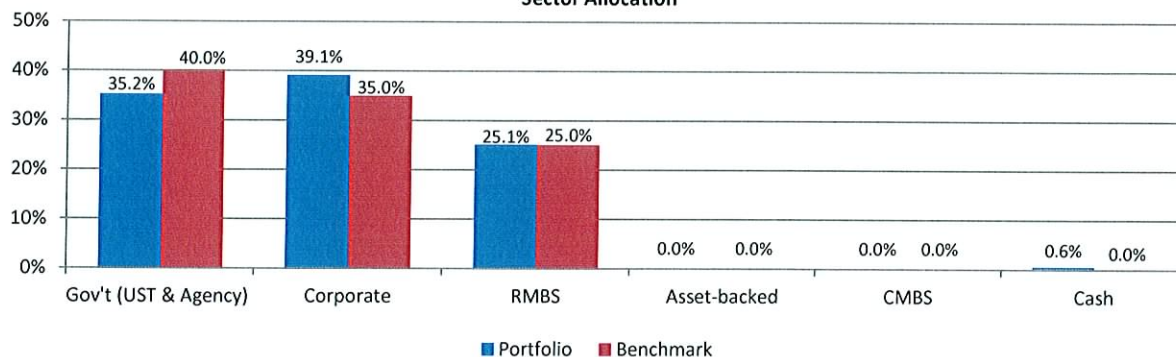


Returns

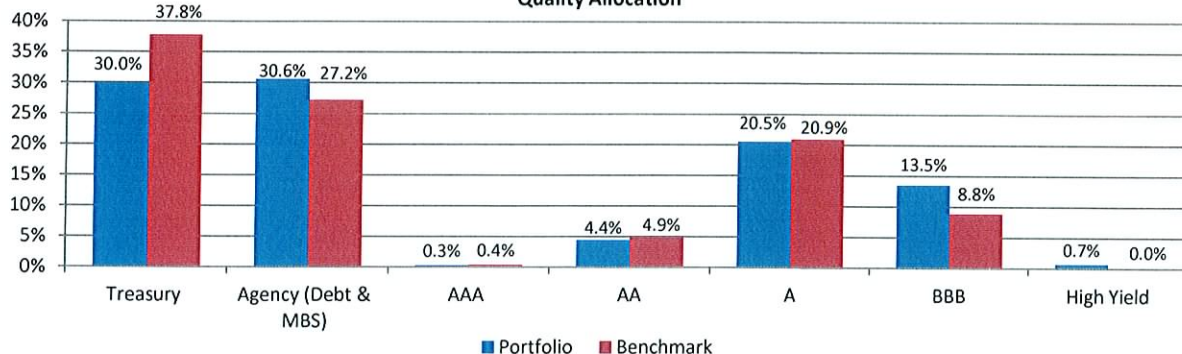
	Month	3 Month	Fiscal YTD	Cal YTD	1 Yr	3 Yr	5 Yr	10 Yr
Total Fixed Income	0.31%	2.73%	2.73%	6.77%	8.66%	8.98%	9.03%	6.76%
Core Fixed Income	0.24%	2.64%	2.64%	6.62%	8.52%	9.03%	9.12%	6.83%
Non-Core Fixed Income	3.04%	6.68%	6.68%	13.45%	14.87%	9.87%	9.36%	-
Custom Fixed Income Benchmark	0.01%	2.23%	2.23%	6.08%	7.82%	8.81%	8.48%	6.49%

Core Fixed Income

Sector Allocation



Quality Allocation

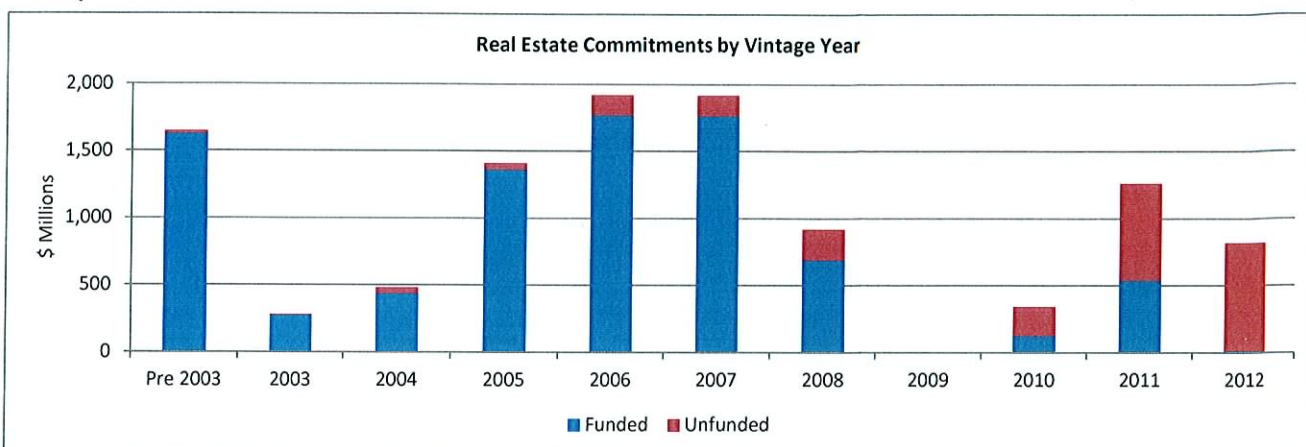


Portfolio Characteristics

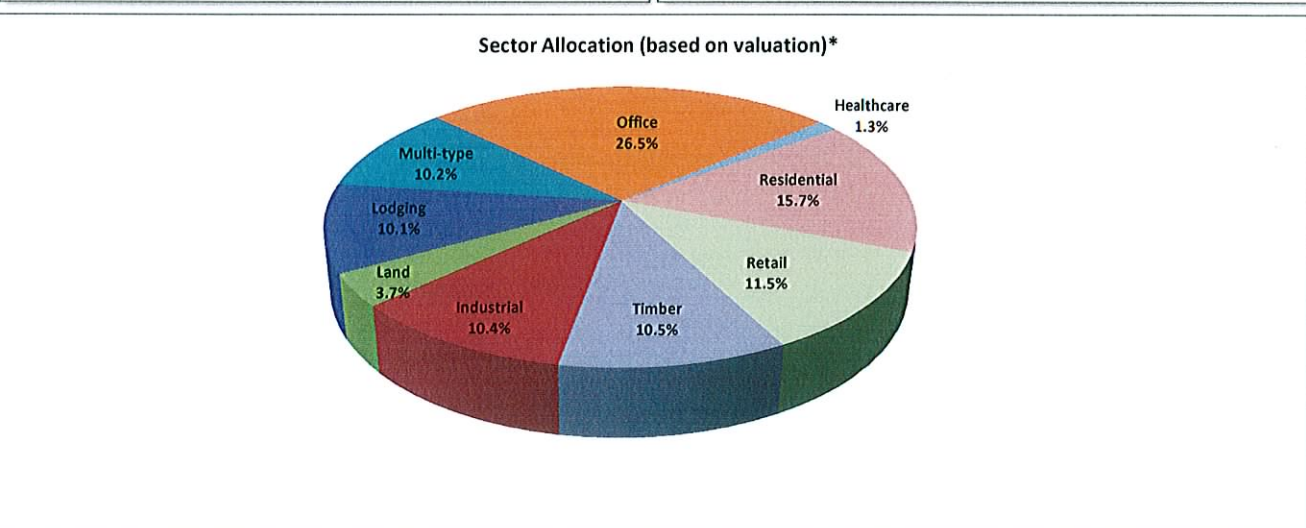
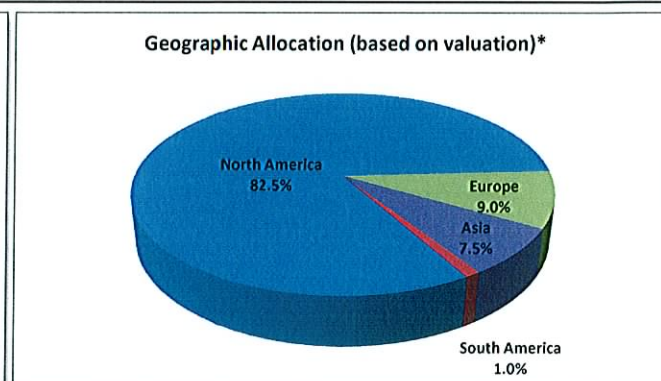
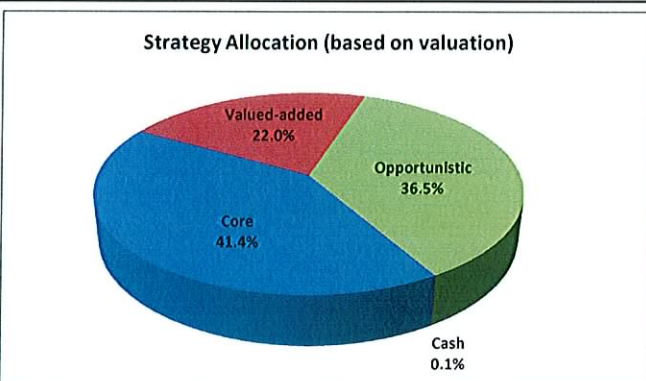
	Avg. Coupon	Yield to Maturity	Duration
Government (Treasury & Agency)	5.46%	1.57%	8.8
Corporate	5.96%	3.41%	9.0
Mortgage	4.62%	1.39%	2.0
Total	5.44%	2.25%	7.2

Portfolio Summary - Real Estate

30-Sep-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	7.50	15.70	10.30	-3.32	-4.85	-1.55	3.22	-0.80	5.98	-27.44	2.72
# of Funds	18	2	4	15	19	13	6	5	8	6	96

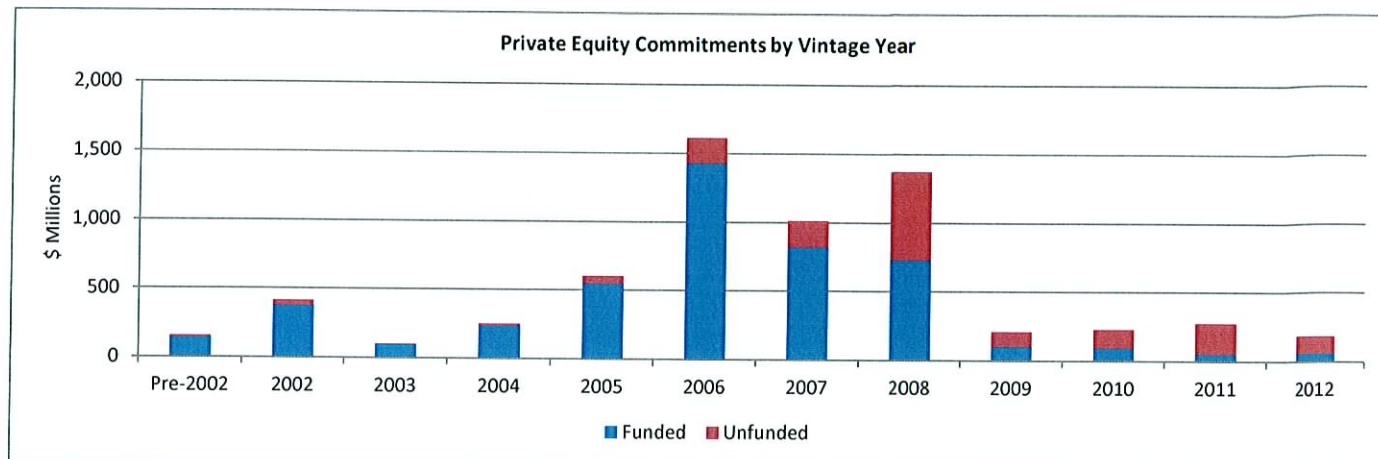


	Global REIT Returns							
	<u>Month</u>	<u>3 Month</u>	<u>Fiscal YTD</u>	<u>Cal YTD</u>	<u>1 Yr</u>	<u>3 Yr</u>	<u>5 Yr</u>	<u>10 Yr</u>
REIT Composite	1.92%	5.33%	5.33%	21.56%	30.94%	12.27%	-1.49%	-
FTSE/EPRA/NAREIT Global Securities Index	1.63%	5.51%	5.51%	21.64%	30.59%	12.92%	-2.20%	11.77%

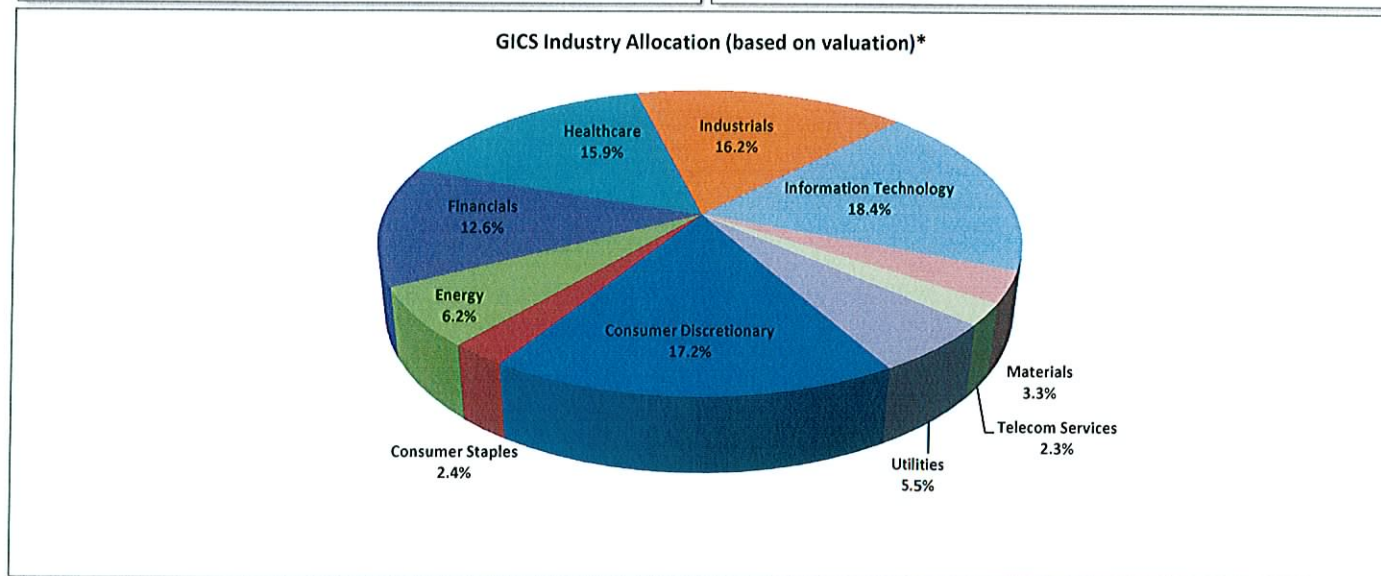
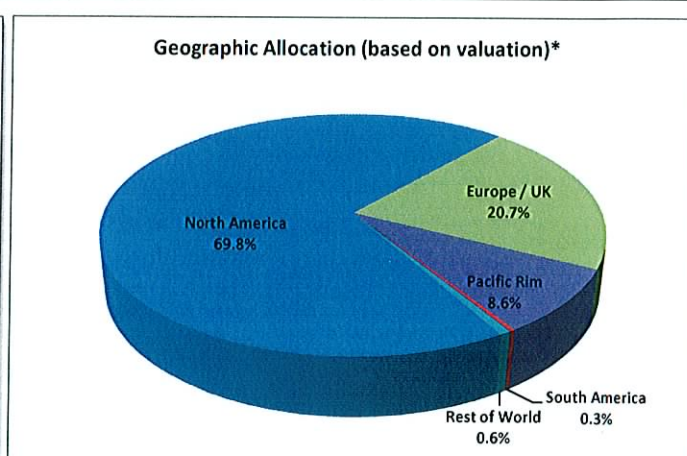
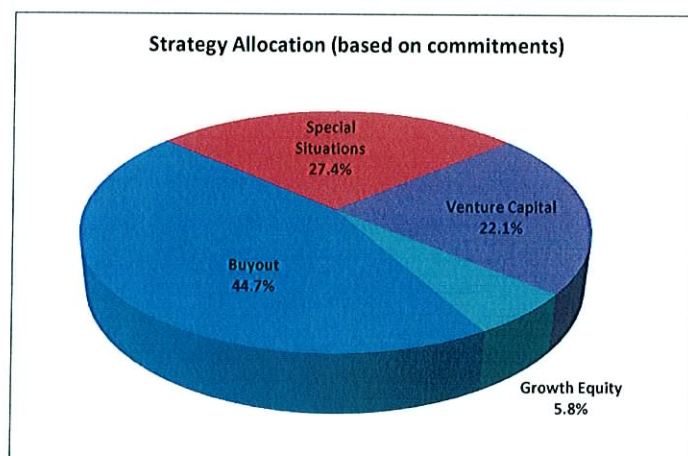
* as of 6/30/12

Portfolio Summary - Private Equity

30-Sep-12



	IRR by Vintage Year												
	Pre-2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
NCRS	15.47	9.06	13.61	7.03	5.43	1.87	4.37	5.40	4.29	4.83	-1.67	-16.65	5.75
# of Funds	18	8	2	3	11	21	13	17	3	1	3	6	106

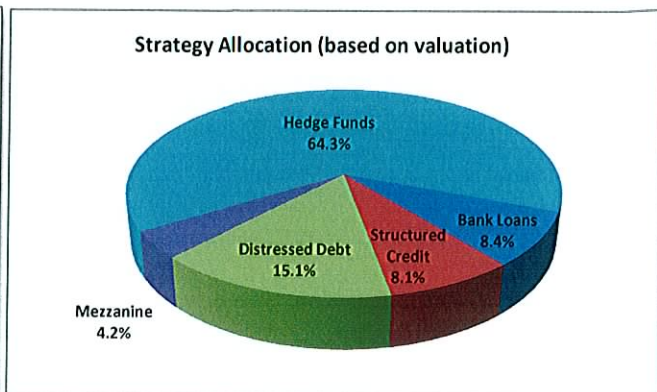
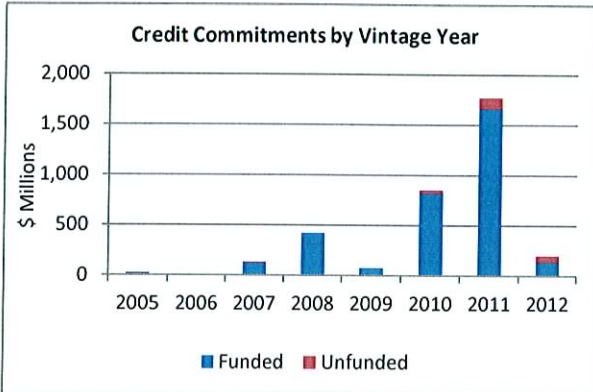


* data as of 6/30/12

Portfolio Summary - Credit, Inflation, & Hedge Funds

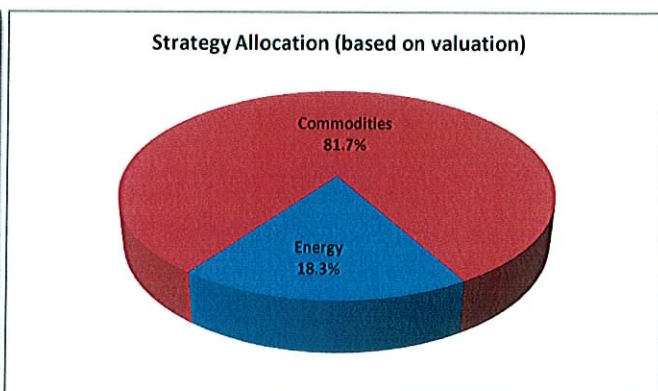
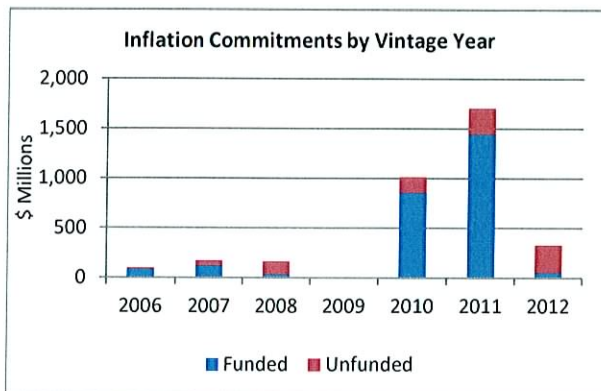
30-Sep-12

Credit Strategies



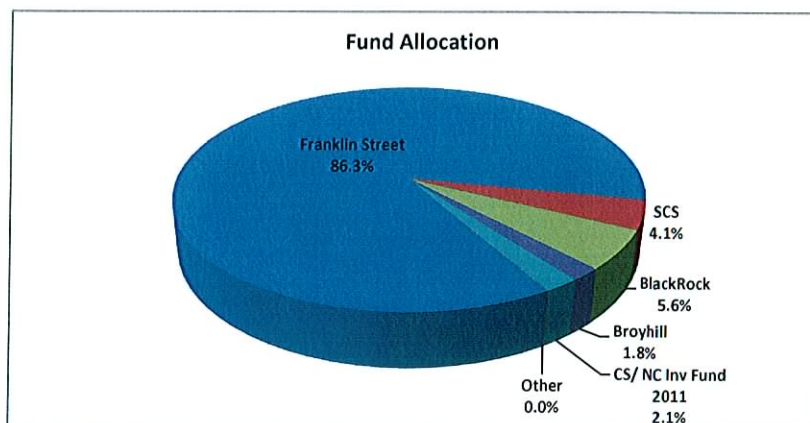
IRR by Vintage Year									
	2005	2006	2007	2008	2009	2010	2011	2012	Total
NCRS	2.08	N/A	14.67	9.30	22.42	8.93	3.78	1.87	7.85
# of Funds	1	0	1	3	1	3	10	2	21

Inflation Portfolio



IRR by Vintage Year							
	2006	2007	2008	2010	2011	2012	Total
NCRS	4.70	11.90	16.28	-3.08	-6.58	-22.80	-1.93
# of Funds	1	2	2	3	9	6	23

Hedge Funds



New Investments - previous 12 months

30-Sep-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>			
Vista Equity Partners Fund IV	Vista Equity Partners	\$50,000,000	10/28/2011
Tenaya Capital VI	Tenaya Capital Partners	\$75,000,000	11/15/2011
Oaktree European Principal Fund III	Oaktree Capital Management	€ 35,617,600	12/7/2011
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>			
WCP Real Estate Fund III(A)	Westport Capital Partners	\$100,000,000	12/16/2011
Brookfield Real Estate Finance Fund III	Brookfield Real Estate Partners	\$100,000,000	12/30/2011
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
<u>Credit Strategies</u>			
Oaktree Value Opportunities Fund	Oaktree Capital Management	\$150,000,000	10/25/2011
GSO Capital Opportunities Fund II	GSO Capital Partners	\$100,000,000	11/17/2011
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
<u>Inflation Portfolio</u>			
ArcLight Energy Partners Fund V	ArcLight Capital Holdings	\$100,000,000	10/14/2011
Energy Capital Partners II (Summit Co-Invest)	Energy Capital Partners	\$20,000,000	10/20/2011
EIF US Power Fund IV	EIF Management	\$75,000,000	10/25/2011
EnCap Energy Capital Fund VIII Co-Invest	EnCap Investments	\$12,148,000	12/8/2011
Perella Weinburg Partners ABV Opp Fund III	Perella Weinburg Partners	\$150,000,000	12/20/2011
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
<u>Hedge Funds</u>			
None			