

# Wyoming State Treasurer's Office

## Investment Performance Analysis

Quarter Ended  
**March 31, 2010**

Prepared By  
**Matthias Bauer**

**RVKuhns**  
▶▶▶ & ASSOCIATES, INC.

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# WYOMING STATE TREASURER'S OFFICE

*FIRST QUARTER 2010*

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## QUARTERLY COMMENTARY

- This one-page memo provides a written summary of significant observations regarding performance of the State's Funds, and provides an overview of performance during the quarter for each of the asset classes the State is invested in.

### **MARKET ENVIRONMENT ..... PAGE 1-13**

- This section is intended to review capital markets in general (i.e. not specific to Wyoming), and includes a written summary of events during the quarter, including economic influences and review of equity and bond markets as a whole. This section also includes various charts and exhibits displaying key characteristics of major market indices representing the broad range of available asset classes, including alternative investments such as absolute return and real estate.

### **PERFORMANCE SUMMARY ..... PAGE 14-20**

- These 7 pages provide all the market value, asset allocation, and performance information for the State's investments, in summary form.

### **INVESTMENT POLICY OBJECTIVE REVIEW ..... PAGE 21-42**

- This section provides a compliance check for the Total Fund, and for each individual manager portfolio, versus the guidelines and expectations outlined in the State's Master Investment Policy and Sub-Policies.

### **APPENDIX..... PAGE 43-50**

- The appendix includes a glossary, giving definitions and other information on data included throughout the report, including financial terms and ratios, indices, peers groups. The addendum page in the appendix includes important comments specific to Wyoming regarding market value, performance, and allocation information provided throughout the report.



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## MEMORANDUM

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**To:** Wyoming State Loan and Investment Board  
**From:** R.V. Kuhns & Associates, Inc.  
**Subject:** March 31, 2010 Investment Performance Analysis Commentary

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Outlined below please find a summary of significant observations regarding performance of the State's Funds for the period ended March 31, 2010. We hope this summary will facilitate your review of our Investment Performance Analysis Report.

- The Total Fund finished the quarter ended March 31, 2010 with a return of 2.9%, outperforming its actual allocation index which posted a return of 2.2% for the quarter. Longer-term performance for the Total Fund remains strong on a relative and absolute basis, outperforming the median plan in the All Master Trust universe by 1.7% per annum and ranking in the 11<sup>th</sup> percentile for the trailing 10-year period.
- The Permanent Mineral Trust Fund finished the first quarter of 2010 with a return of 3.2% and the Common School Fund finished with a return of 3.3%, while the Permanent Land Fund returned 3.2% and the University Permanent Land Fund returned 3.1%. The Hathaway and Higher Education funds returned 3.2% and 3.1% respectively. All nine investment pools outperformed their actual allocation indices for the first quarter of 2010.
- Corporate bonds, mortgage-backed securities, and emerging market bonds continued their strong performance relative to Treasuries. The Barclays Capital U.S. Aggregate Bond Index posted a positive return of 1.8% for the quarter and 7.7% for the trailing one-year period. The State's total fixed income portfolio (including Convertibles) performed well on an absolute and relative basis, returning 2.8% during the quarter and outperforming the Barclays benchmark by nearly one percent. The State's external fixed income managers outperformed their respective benchmarks for the quarter and trailing periods on all counts.
- Domestic equity markets rallied in the first three months of 2010, lifted by growing optimism about corporate earnings and the improving U.S. economy. The S&P 500 returned 5.4% and the Russell 1000 returned 5.7% during the quarter. The State's large cap domestic equity investments, managed by State Street, were in line with the market, posting a marginally lower return of 5.3% for the quarter.
- Small capitalization equities outperformed their large capitalization counterparts, with the Russell 2500 returning 9.2% for the quarter. In a reversal from the previous quarter, value stocks led growth stocks across all market capitalizations in the most recent quarter. Gabelli, the State's small/mid-cap value manager, underperformed the benchmark for the quarter, returning 8.2% versus 9.6% for the Russell 2500 Value. Despite underperforming over recent quarters, Gabelli continues to outperform its benchmark by a sizable margin for the trailing one-year period and beyond.
- Developed international stock markets were unable to keep pace with domestic equity markets during the quarter. Gains in local currency were offset to some degree by a strengthening U.S. dollar. The MSCI EAFE Index finished the quarter up 0.9% and the MSCI Emerging Markets Index returned 2.5%. For the most recent quarter, Fisher and Capital Guardian outperformed their EAFE benchmark, returning 2.6% and 1.0% respectively.
- After five consecutive quarters of negative performance, Core Real Estate finished the first quarter 2010 with a positive total return. Performance was primarily driven by a combination of stronger income returns, decreasing vacancy rates, and stabilizing property appraisals. Clarion and UBS returned 1.6% and 1.9% respectively for the quarter, outpacing their NCREIF ODCE benchmark which returned 0.8% for the trailing quarter.
- Absolute return strategies, including PAAMCO and both Aurora funds, finished the quarter with positive performance, outperforming their HFN FoF benchmark. Distressed debt and credit-related strategies remain the primary drivers of this outperformance. PAAMCO returned 2.3% for the quarter while Aurora L.P. and Aurora L.P. II both returned 2.9%. Grosvenor Global Recovery Fund, the State's most recent addition to Absolute Return strategies, finished the first quarter ahead of its custom benchmark with a return of 7.8%.



## Capital Markets Review As of March 31, 2010

### Capital Markets Review

#### First Quarter Economic Environment

In the first quarter of 2010, capital markets continued to rebound from March 2009 lows. Commodities posted a loss in the quarter, but nearly every other asset class posted positive returns. The Federal Reserve continues to hold the Federal Funds Target Rate to a range of 0% to 0.25%. Many global central banks are also holding short-term target rates steady, though The Reserve Bank of Australia raised rates by 0.25% in March. The trading volume of futures on the US Dollar Index reached an all-time high in March as the index, which measures the dollar against a basket of international currencies, rose 4.1% during the quarter. The dollar's gain was fueled by optimistic domestic economic data coupled with concerns over the Euro-zone stemming from trouble in Greece. The US seasonally adjusted unemployment rate fell moderately from 10% in December to 9.7% in March.

The Consumer Price Index rose 0.78% this quarter after falling a marginal 0.01% in the fourth quarter of 2009. On March 16<sup>th</sup>, the Federal Reserve released a statement noting that the Committee "...continues to anticipate that economic conditions, including low rates of resource utilization, subdued inflation trends, and stable inflation expectations, are likely to warrant exceptionally low levels of the federal funds rate for an extended period." In contrast, the Treasury yield curve remains among the steepest ever recorded, suggesting that investors may not agree with the Fed's inflation outlook. Prices for gold and oil continued to rise, closing respectively at \$1115.50 per ounce and \$83.76 per barrel in March. Interest rates on Treasuries across the maturity spectrum held steady during the first quarter, with the yield on the 10-Year Note falling only 0.01% to 3.84%.

#### First Quarter Equities

Global equities continued to rise, this time led by small-cap US stocks. Over the trailing year, emerging markets and international small cap equities were the best performers, each posting gains in excess of 70%. In a complete reversal from last quarter, small-cap US stocks outperformed large-cap stocks, while value led growth. Both the S&P 500 and the MSCI ACWI ex US saw positive returns in most sectors, though both indices experienced losses in telecom and utilities; the international index also posted losses in energy and health care. Among international equities, Japan was the strongest region while Europe and the United Kingdom posted losses. Notably, public REITs have returned nearly 114% over the trailing year as investors anticipate a recovery in the sector.

#### First Quarter Fixed Income

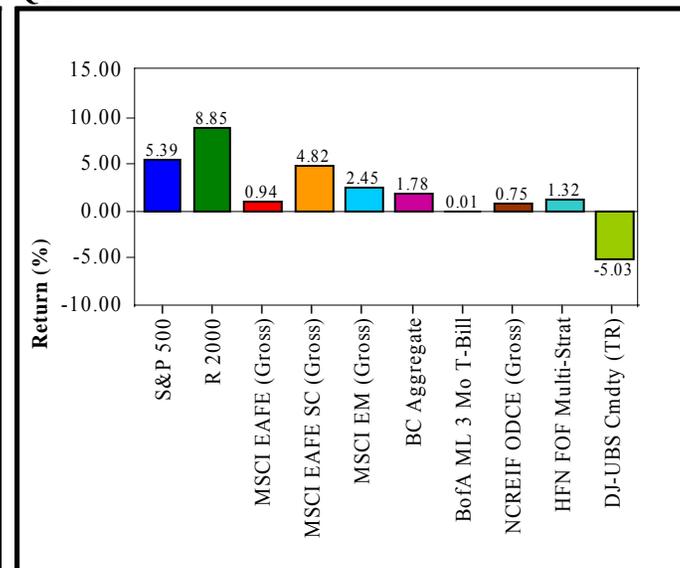
Yields held fairly steady across all maturities and gains in the fixed income space were broad-based. Only world government bonds posted losses, mostly driven by concerns surrounding sovereign debt in Greece and other European Union countries. High yield US corporate issues and emerging market bonds posted the strongest gains, both in the first quarter and over the trailing year. Every sector of the BC US Aggregate experienced positive returns; CMBS led all sectors for the third straight quarter with a return of 9.10%. The CMBS rally was driven by a broad improvement in credit markets and a flood of money from government programs such as the TALF and PPIP. Citing improved economic activity, the Federal Reserve has decided to unwind the TALF program beginning in March.

### Trailing-Period Performance

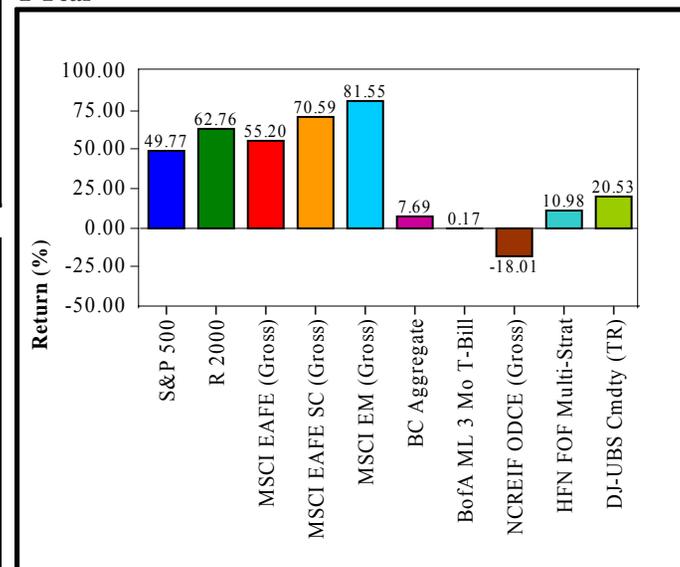
	Month Ending Jan-2010	Month Ending Feb-2010	MTD	QTD	1 Year	2 Years	3 Years	5 Years	10 Years
S&P 500	-3.60	3.10	6.03	5.39	49.77	-3.71	-4.17	1.92	-0.65
R 2000	-3.68	4.50	8.14	8.85	62.76	0.86	-3.99	3.36	3.68
MSCI EAFE (Gross)	-4.40	-0.68	6.31	0.94	55.20	-8.62	-6.55	4.24	1.68
MSCI EAFE SC (Gross)	-0.98	-1.39	7.35	4.82	70.59	-6.42	-7.93	3.96	6.80
MSCI EM (Gross)	-5.56	0.37	8.08	2.45	81.55	-1.82	5.46	16.00	10.11
BC Aggregate	1.53	0.37	-0.12	1.78	7.69	5.39	6.14	5.44	6.29
BofA ML 3 Mo US T-Bill	0.01	0.00	0.00	0.01	0.17	0.69	1.99	2.91	2.85
NCREIF ODCE (Gross)	N/A	N/A	N/A	0.75	-18.01	-20.74	-10.74	-0.03	4.80
HFN FOF Multi-Strat	-0.37	0.07	1.63	1.32	10.98	-4.13	-1.90	2.47	4.57
DJ-UBS Cmnty (TR)	-7.28	3.71	-1.24	-5.03	20.53	-18.58	-6.88	-1.36	5.73

Performance is annualized for periods greater than one year.

### QTD



### 1 Year

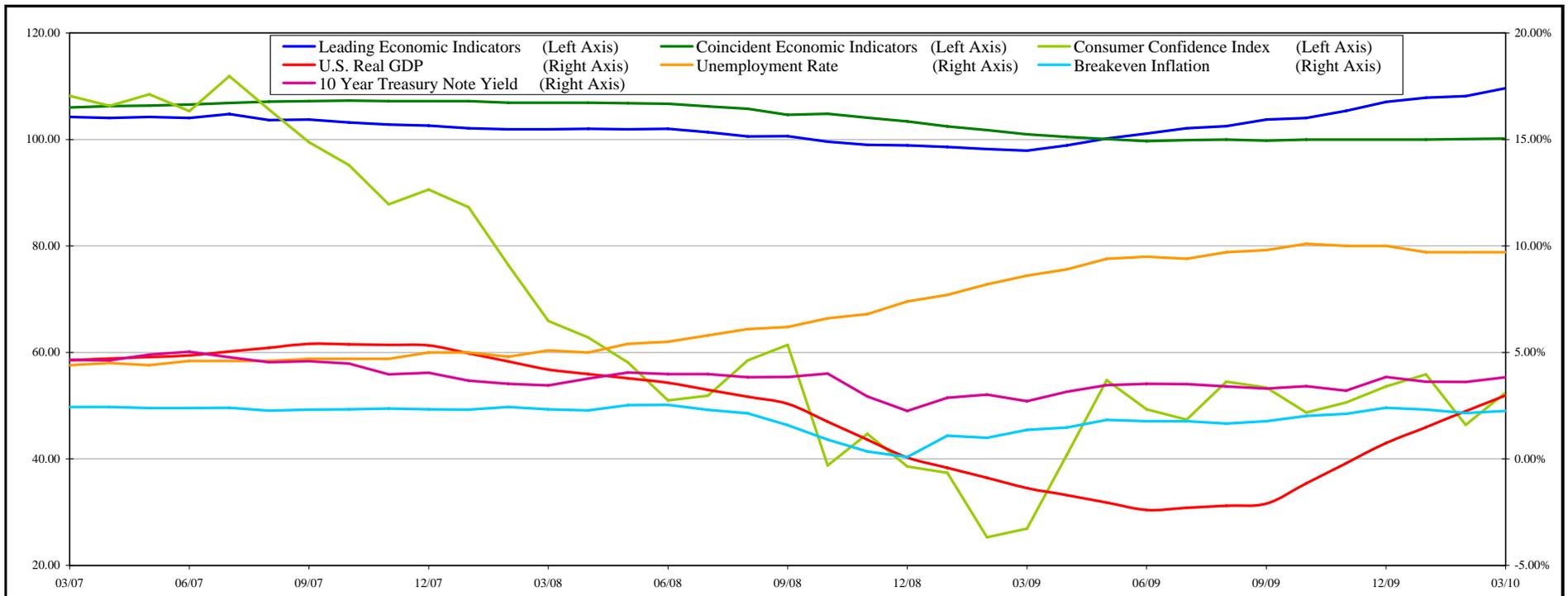


## Domestic Economic Indicators As of March 31, 2010

Indicator	Measurement	Mar-2010	Feb-2010	Mth/ Mth	Dec-2009	Qtr/ Qtr	Mar-2009	Yr/ Yr	Mar-2008	Mar-2007
U.S. Real GDP <sup>1</sup>	Business Activity	2.99%	N/A	N/A	0.74%	▲	-1.36%	▲	4.19%	4.64%
Unemployment Rate	Business Activity	9.70%	9.70%	—	10.00%	▼	8.60%	▲	5.10%	4.40%
Breakeven Inflation <sup>2</sup>	Inflation Expectation	2.26%	2.16%	▲	2.41%	▼	1.36%	▲	2.32%	2.44%
10 Year Treasury Note Yield	Interest Rates	3.84%	3.61%	▲	3.85%	▼	2.71%	▲	3.45%	4.65%
Leading Economic Index <sup>3</sup>	Aggregate Indicator	109.61	108.13	▲	107.07	▲	97.91	▲	101.90	104.25
Coincident Economic Index <sup>3</sup>	Aggregate Indicator	100.20	100.10	▲	100.00	▲	100.99	▼	106.90	106.02
Consumer Confidence Index	Confidence	52.50	46.40	▲	53.60	▼	26.90	▲	65.90	108.20

### Economic Indicator Commentary

- ▶ National Unemployment Rate held steady in March at 9.70%.
- ▶ Breakeven Inflation increased month-over-month and year-over-year but fell in the quarter.
- ▶ The yield on the 10 year treasury note increased by 0.23% from the previous month and increased 1.13% year-over-year.
- ▶ Leading Economic Index has been rising since April after falling for twenty months since its peak in July 2007.
- ▶ Coincident Economic Index shows slow expansion of economic activity through March.
- ▶ Consumer Confidence Index increased to 52.50 in March from 46.40 last month.



Indicator data is subject to revision.

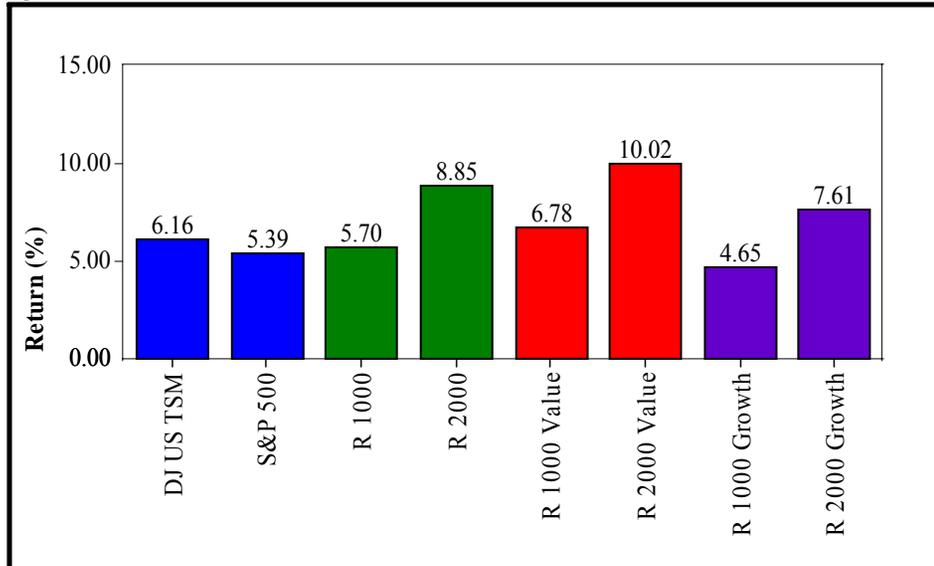
<sup>1</sup> U.S. Real GDP is year over year change.

<sup>2</sup> Breakeven Inflation is the difference between the nominal yield on a fixed-rate investment and the real yield (fixed spread) on an inflation-linked investment of 10 year maturity and similar credit quality.

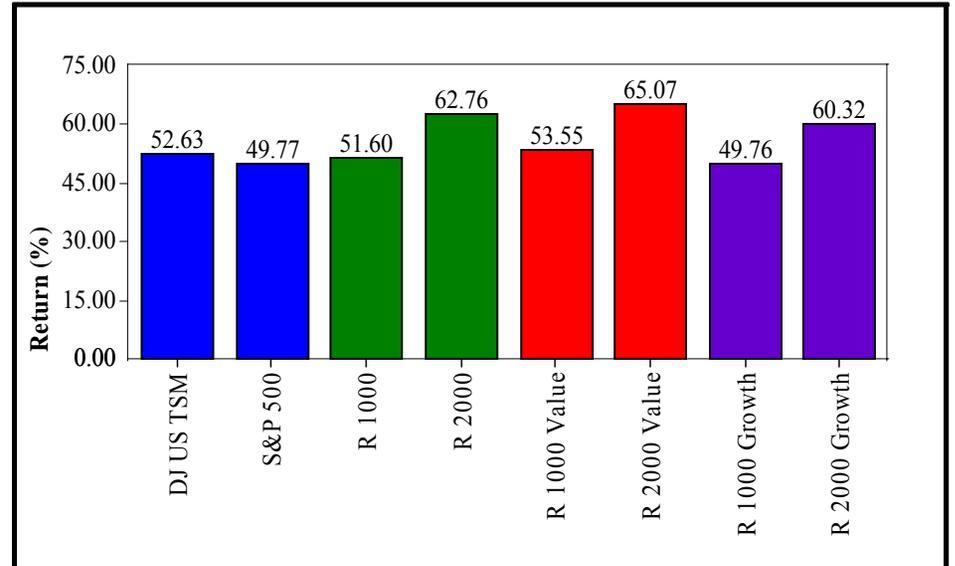
<sup>3</sup> Leading Economic and Coincident Economic Indicators are adjusted to reflect benchmarking that took place in October 2007. Data prior to October 2007 is determined using published monthly changes in the indicators.

**Domestic Equity Market Performance  
As of March 31, 2010**

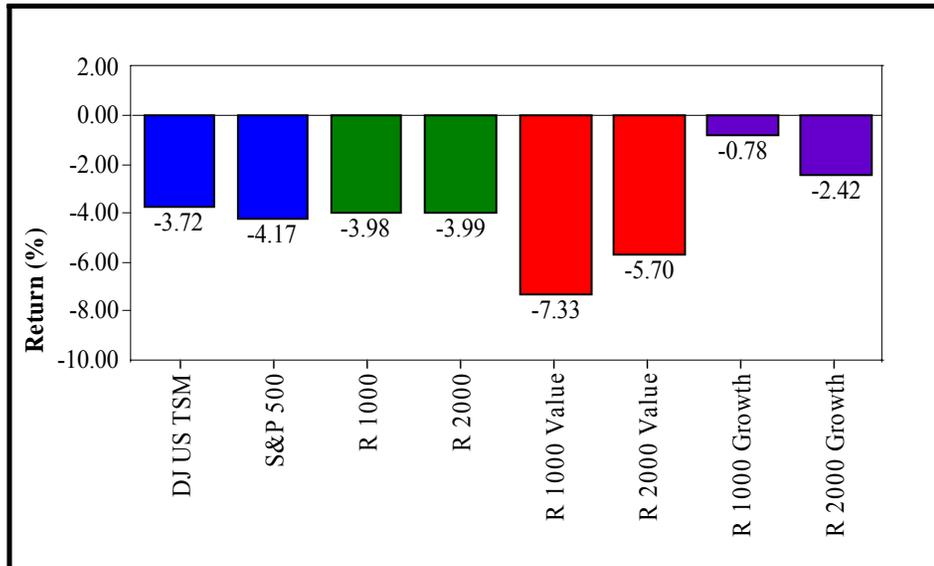
**QTD**



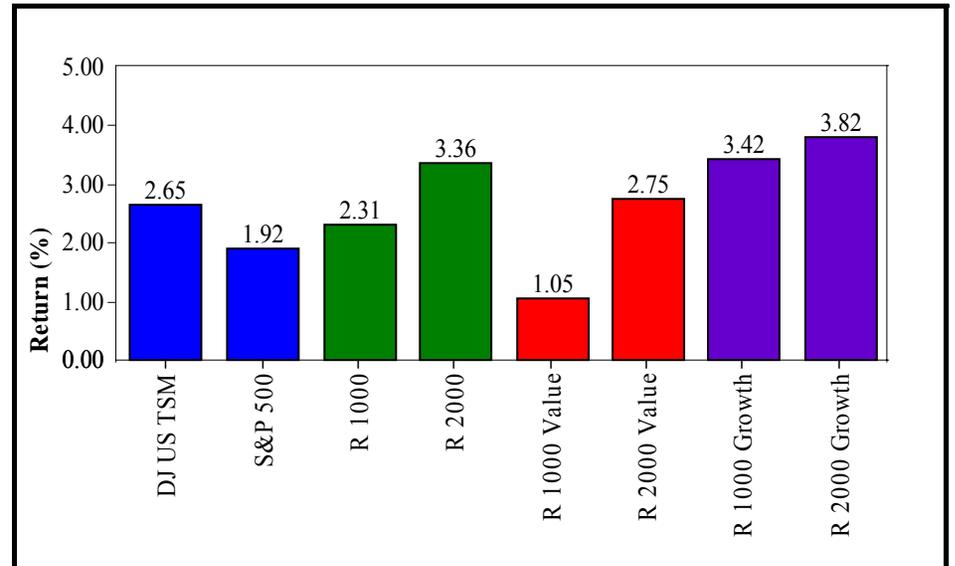
**1 Year**



**3 Years**



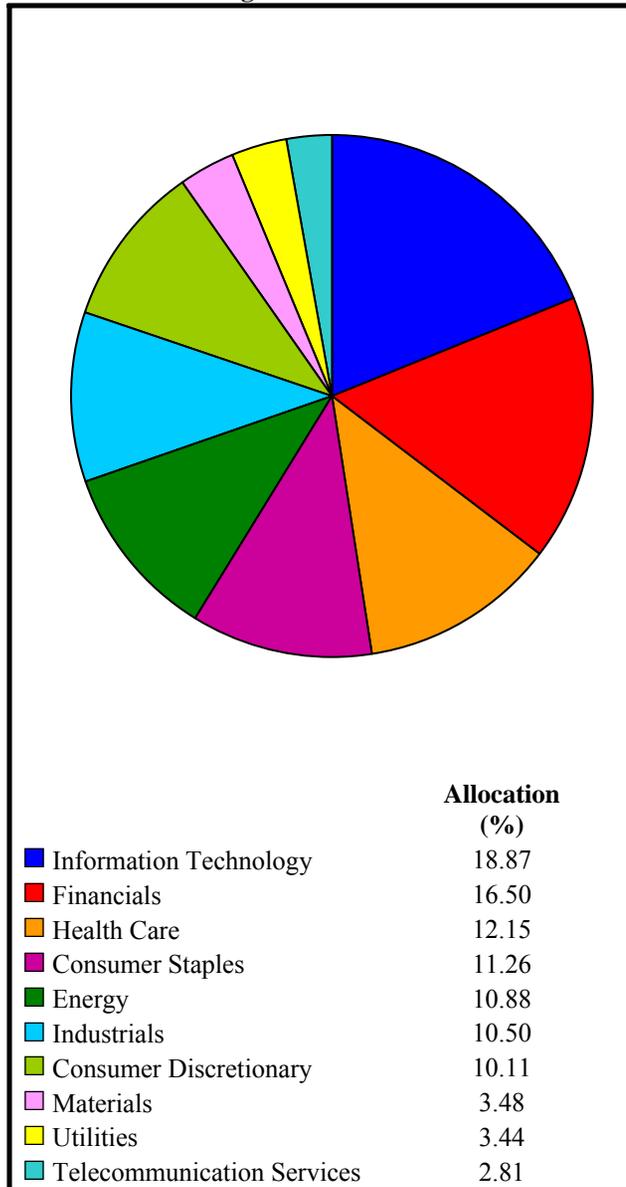
**5 Years**



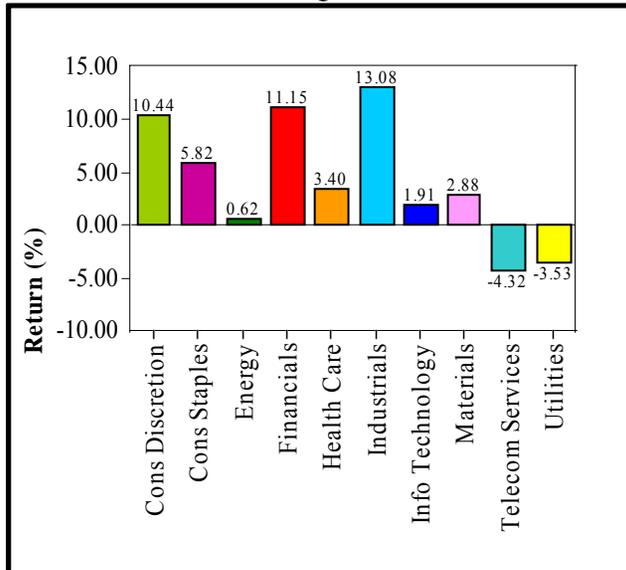
Performance is annualized for periods greater than one year.

## Domestic Equity Sector Weights and Returns As of March 31, 2010

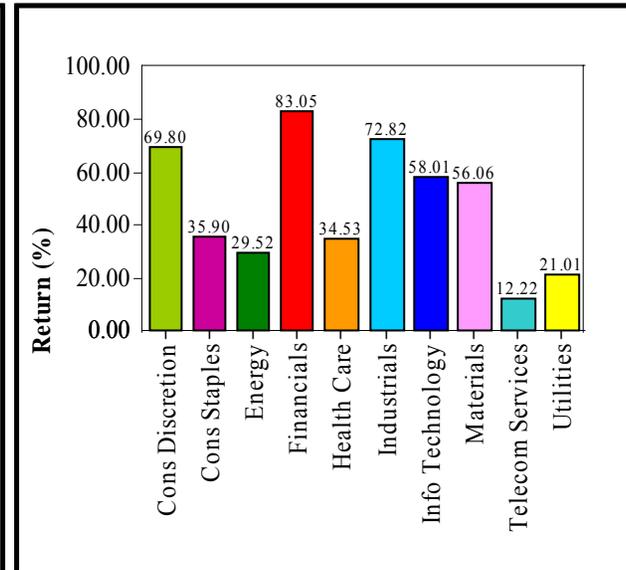
**S&P 500 Sector Weights**



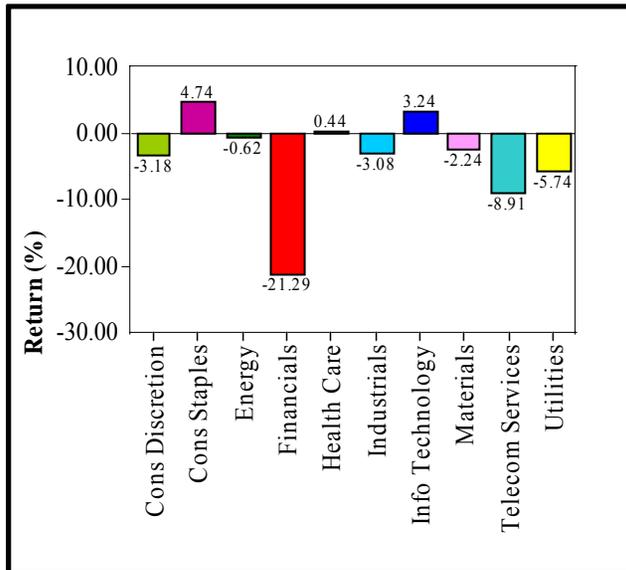
**S&P 500 Sector Returns - QTD**



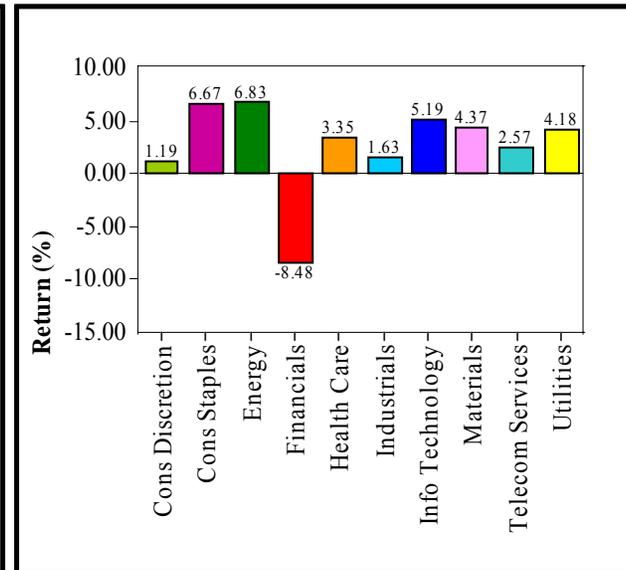
**S&P 500 Sector Returns - 1 Year**



**S&P 500 Sector Returns - 3 Years**



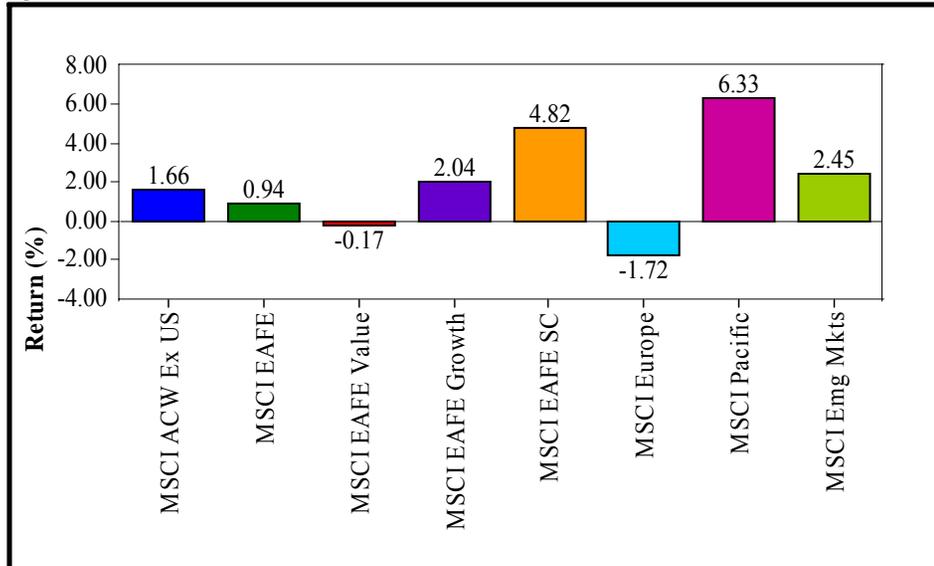
**S&P 500 Sector Returns - 5 Years**



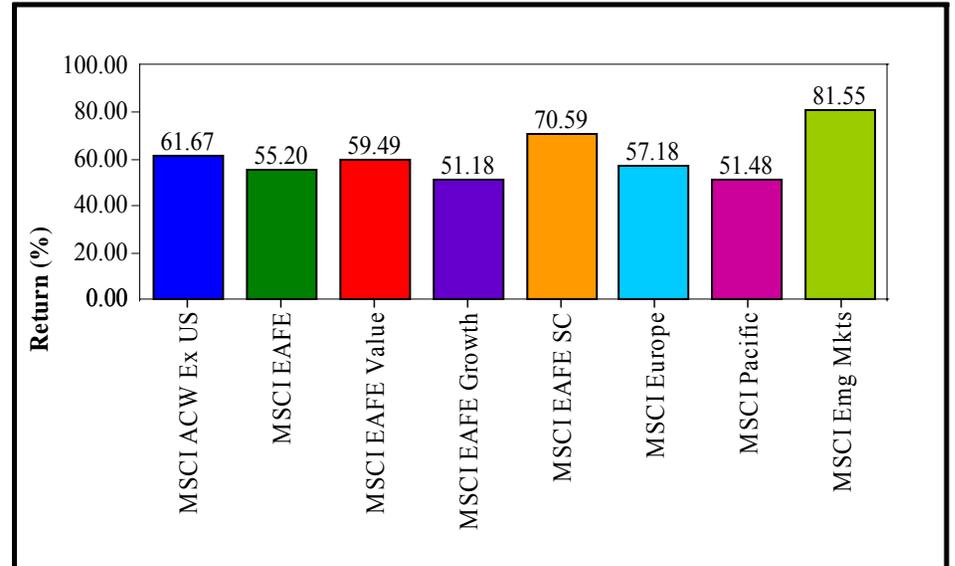
Allocations shown may not sum up to 100% exactly due to rounding. Performance is annualized for periods greater than one year. Returns provided by MPI Stylus, allocations provided by Standard & Poor's.

**International Equity Market Performance**  
As of March 31, 2010

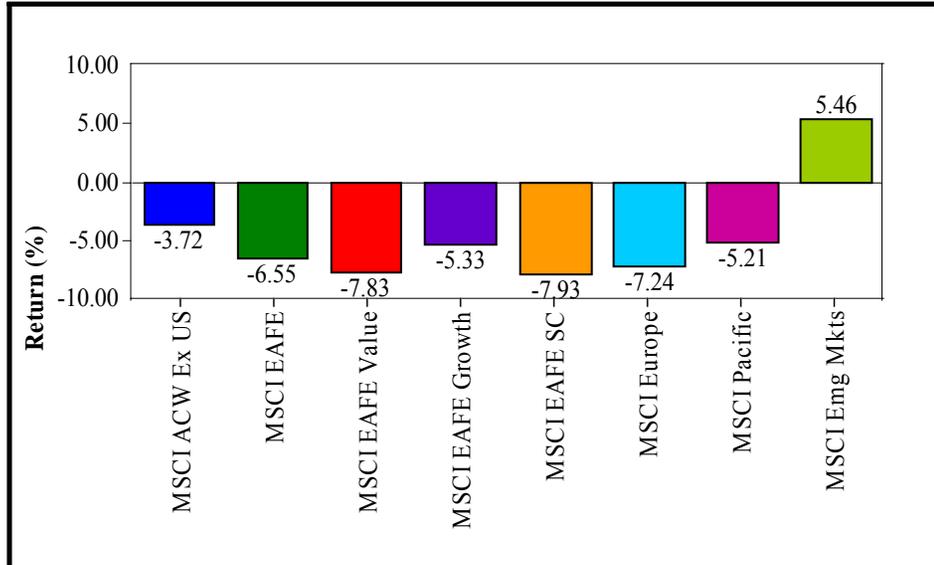
**QTD**



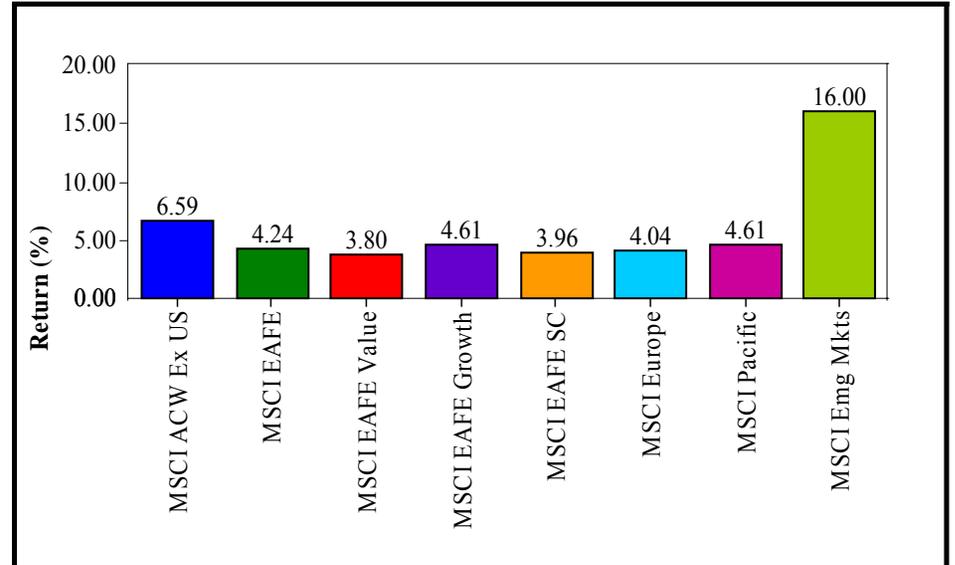
**1 Year**



**3 Years**



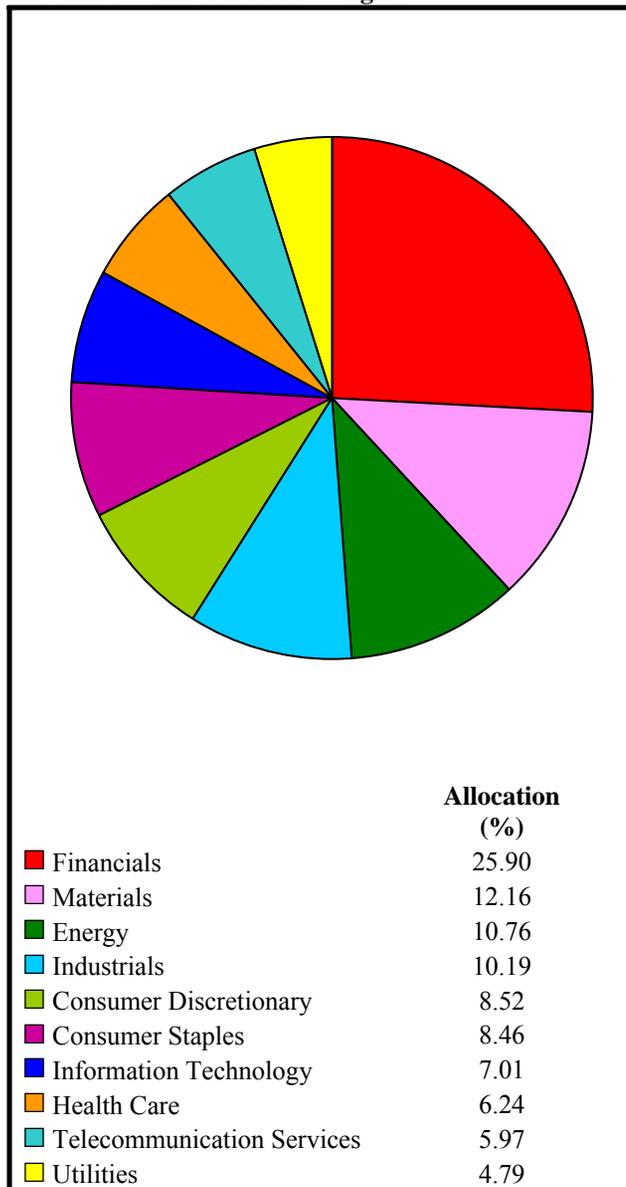
**5 Years**



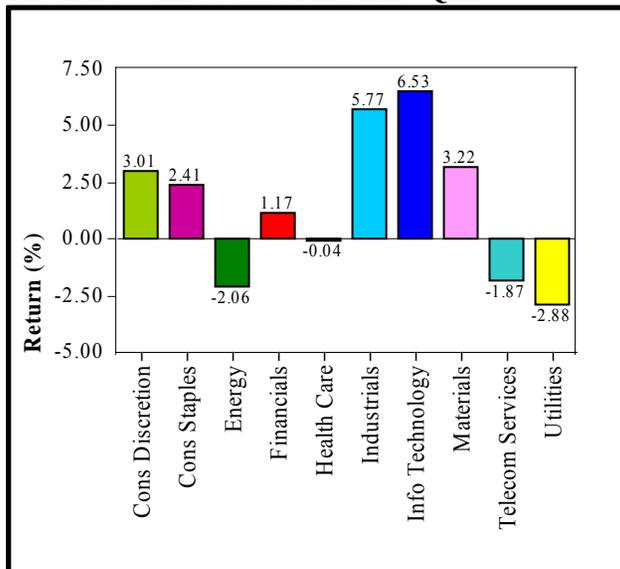
Performance is annualized for periods greater than one year.

## International Equity Sector Weights and Returns As of March 31, 2010

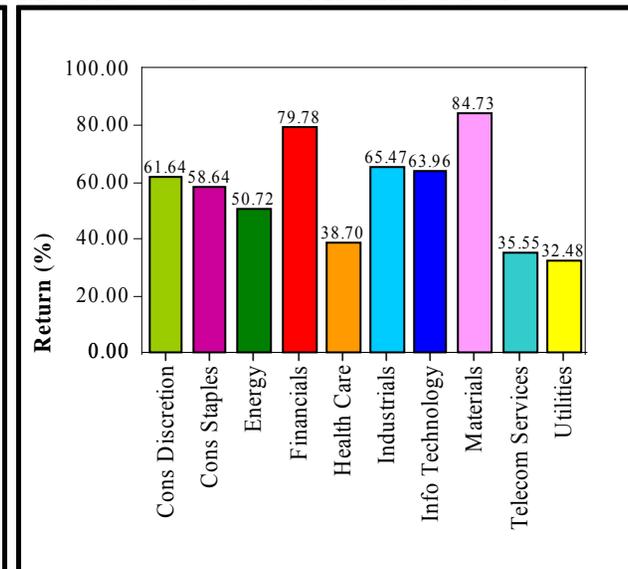
**MSCI ACW Ex US Sector Weights**



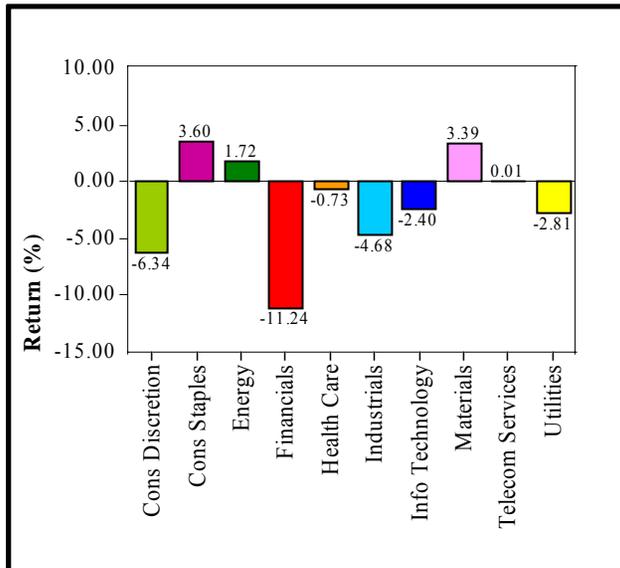
**MSCI ACW Ex US Sector Returns - QTD**



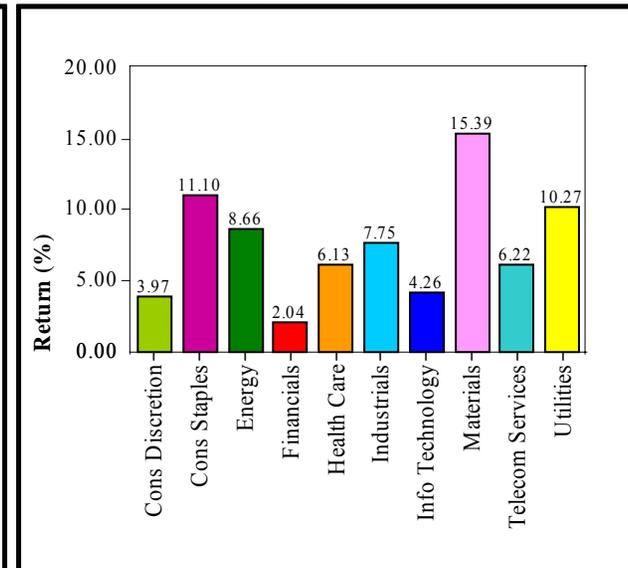
**MSCI ACW Ex US Sector Returns - 1 Year**



**MSCI ACW Ex US Sector Returns - 3 Years**



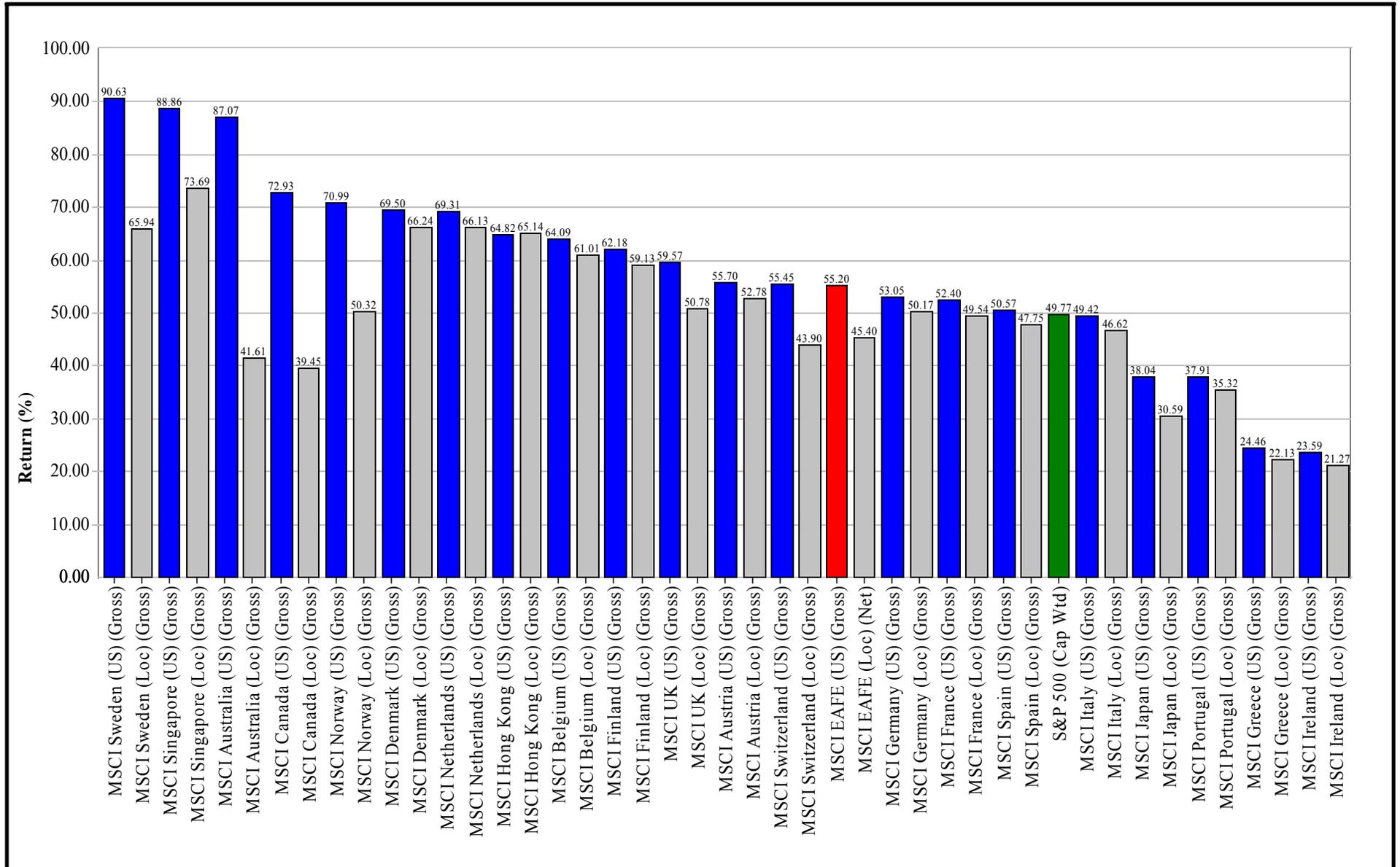
**MSCI ACW Ex US Sector Returns - 5 Years**



Allocations shown may not sum up to 100% exactly due to rounding. Performance is annualized for periods greater than one year. Returns and allocations provided by MSCI Barra.

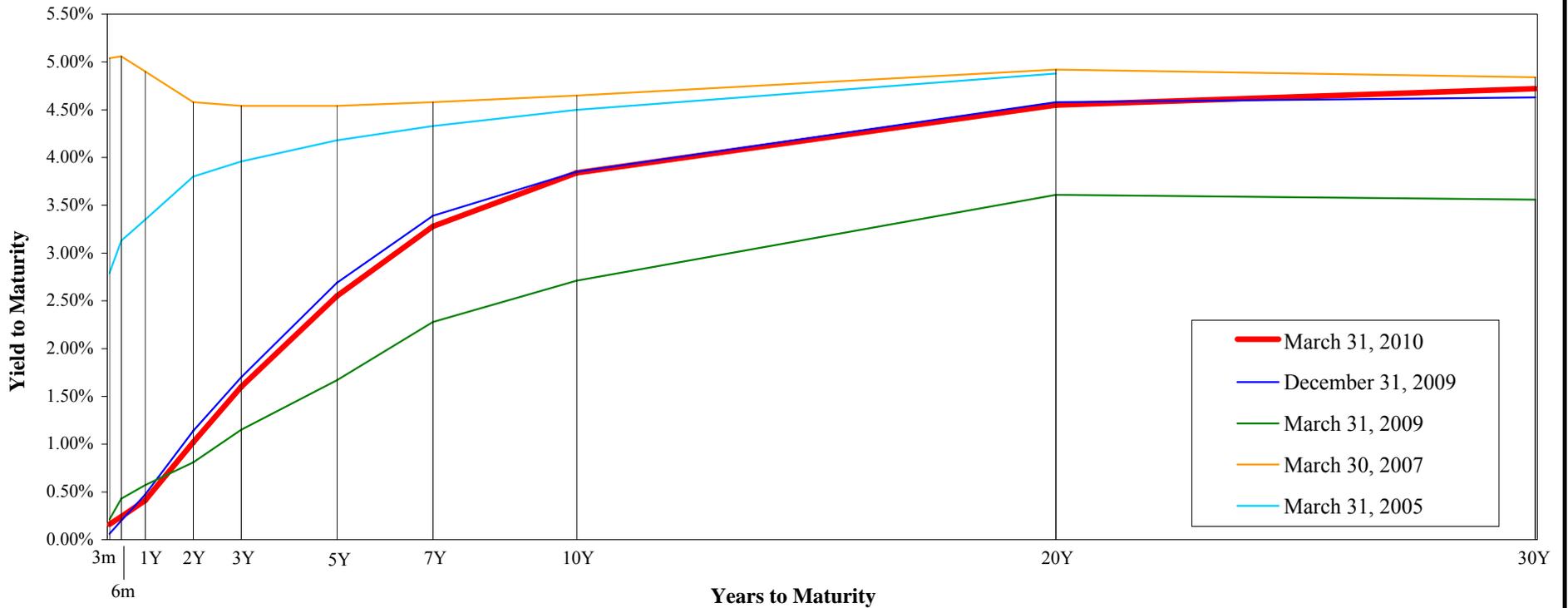
**International Equity Market Performance  
As of March 31, 2010**

**1 Year**



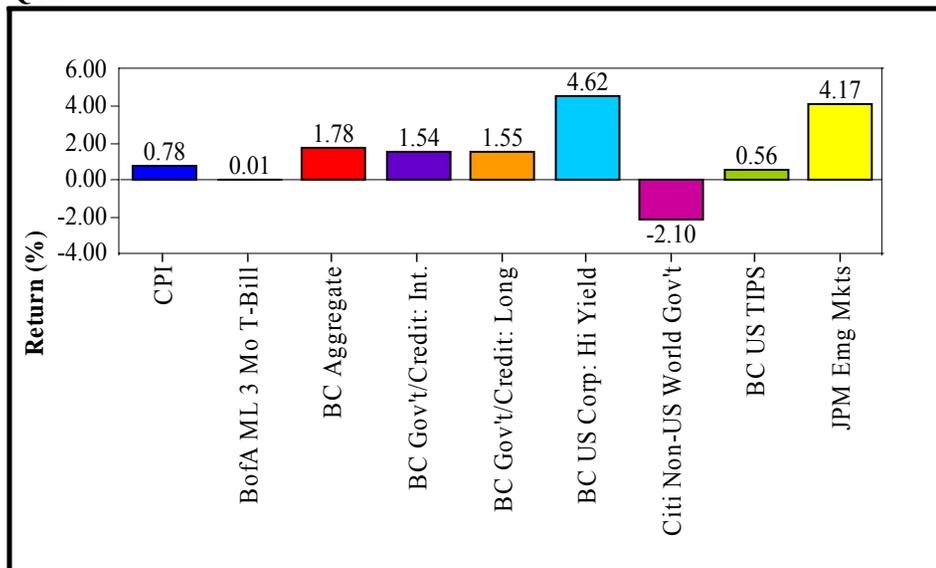
**Treasury Yield Curve  
As of March 31, 2010**

	<b>March 31, 2010</b>	<b>December 31, 2009</b>	<b>March 31, 2009</b>	<b>March 30, 2007</b>	<b>March 31, 2005</b>
<b>3 Month</b>	0.16%	0.06%	0.21%	5.04%	2.79%
<b>6 Month</b>	0.24%	0.20%	0.43%	5.06%	3.13%
<b>1 Year</b>	0.41%	0.47%	0.57%	4.90%	3.35%
<b>2 Year</b>	1.02%	1.14%	0.81%	4.58%	3.80%
<b>3 Year</b>	1.60%	1.70%	1.15%	4.54%	3.96%
<b>5 Year</b>	2.55%	2.69%	1.67%	4.54%	4.18%
<b>7 Year</b>	3.28%	3.39%	2.28%	4.58%	4.33%
<b>10 Year</b>	3.84%	3.85%	2.71%	4.65%	4.50%
<b>20 Year</b>	4.55%	4.58%	3.61%	4.92%	4.88%
<b>30 Year</b>	4.72%	4.63%	3.56%	4.84%	N/A

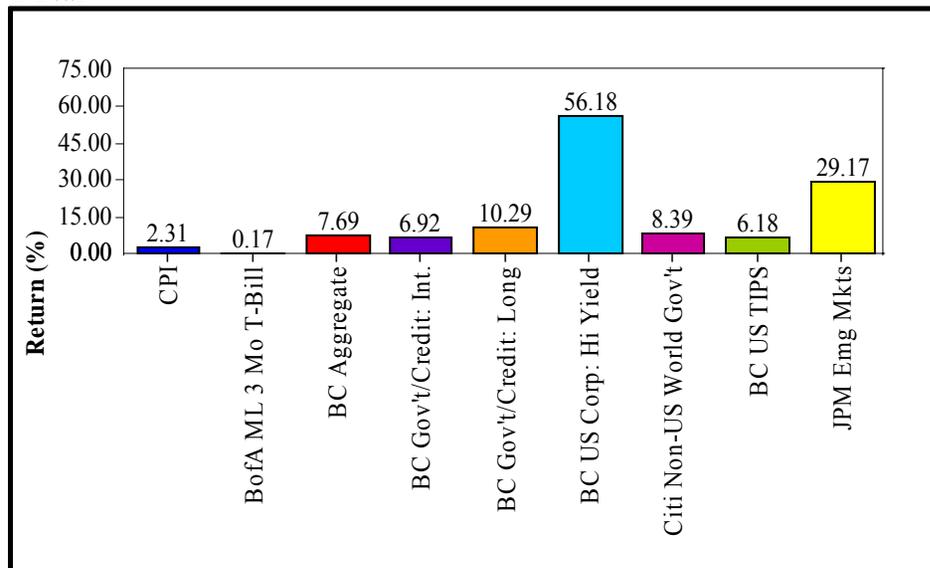


## Fixed Income Market Performance As of March 31, 2010

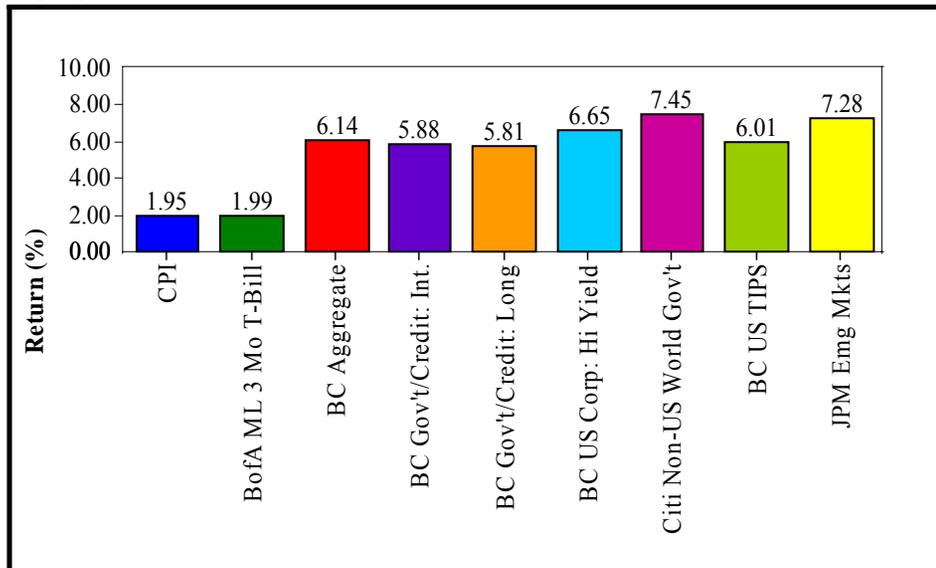
### QTD



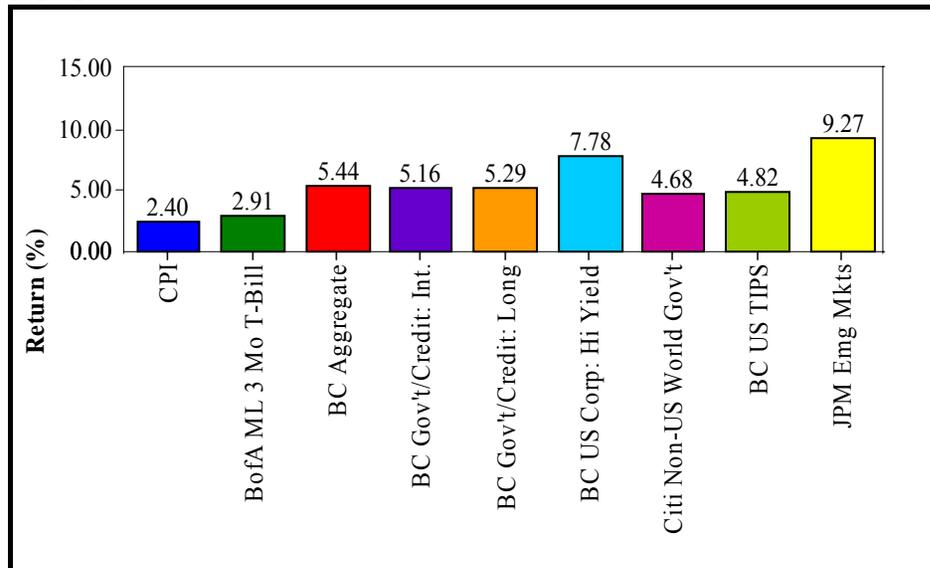
### 1 Year



### 3 Years



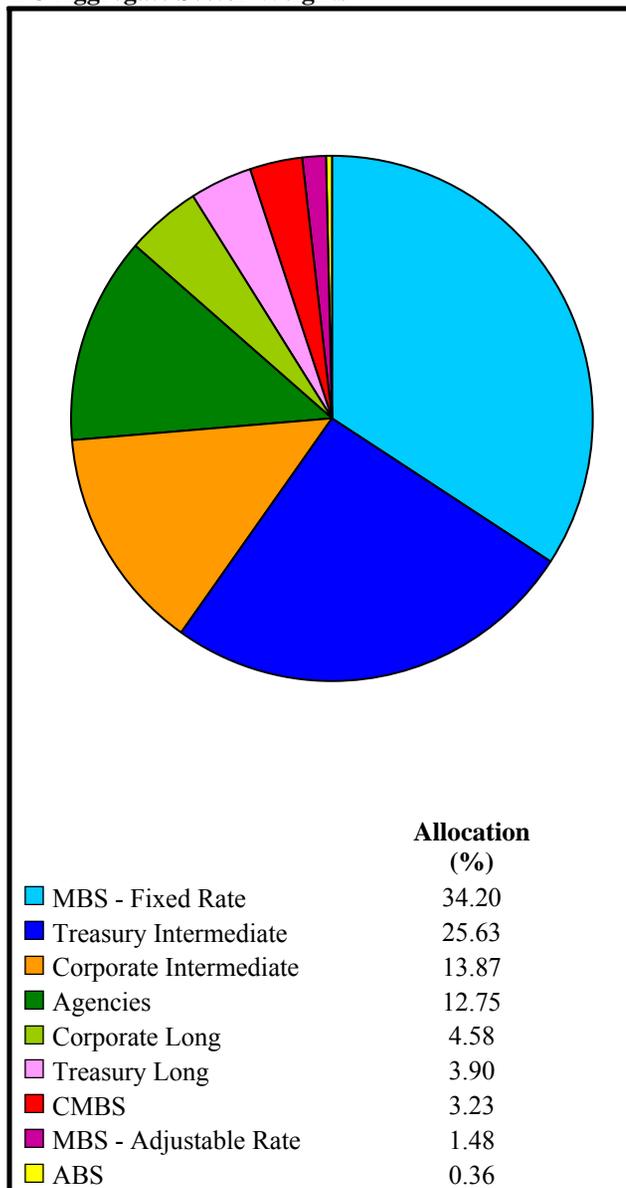
### 5 Years



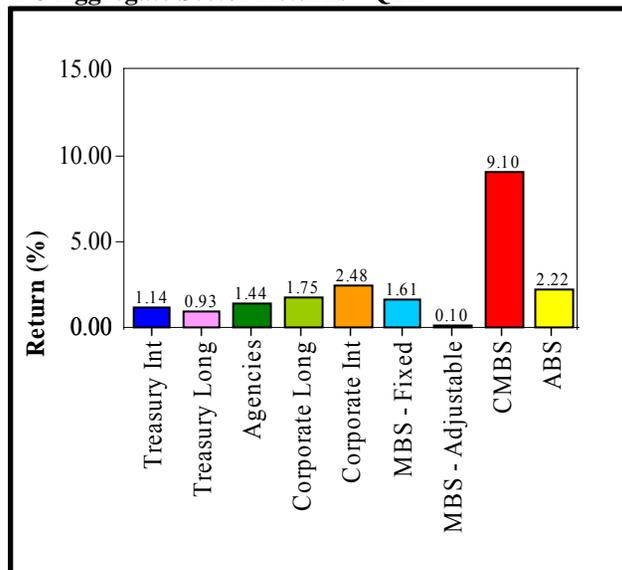
Performance is annualized for periods greater than one year.

**Domestic Fixed Income Sector Weights and Returns**  
As of March 31, 2010

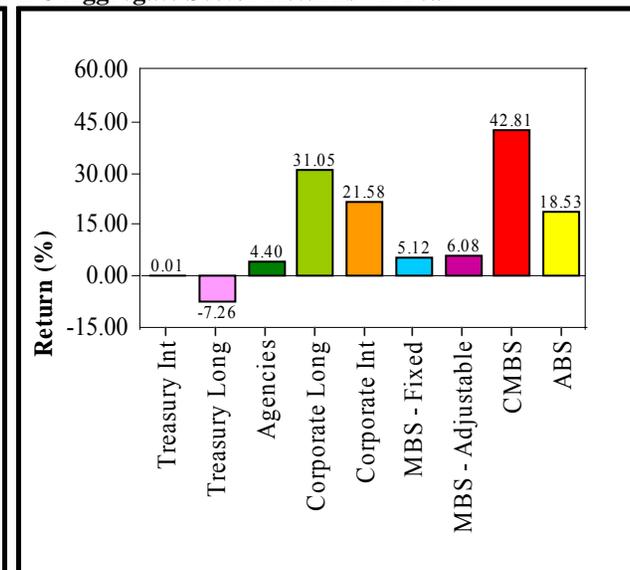
**BC Aggregate Sector Weights**



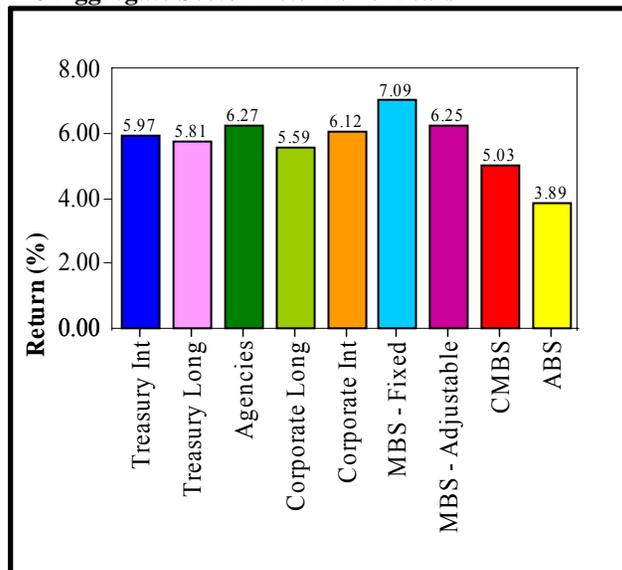
**BC Aggregate Sector Returns - QTD**



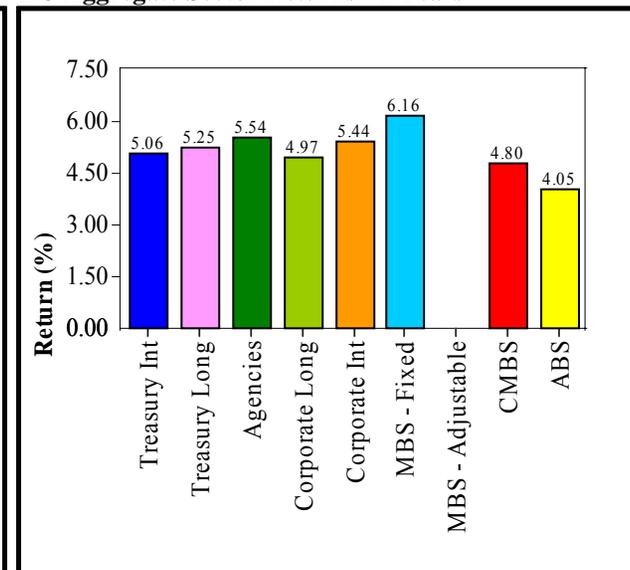
**BC Aggregate Sector Returns - 1 Year**



**BC Aggregate Sector Returns - 3 Years**



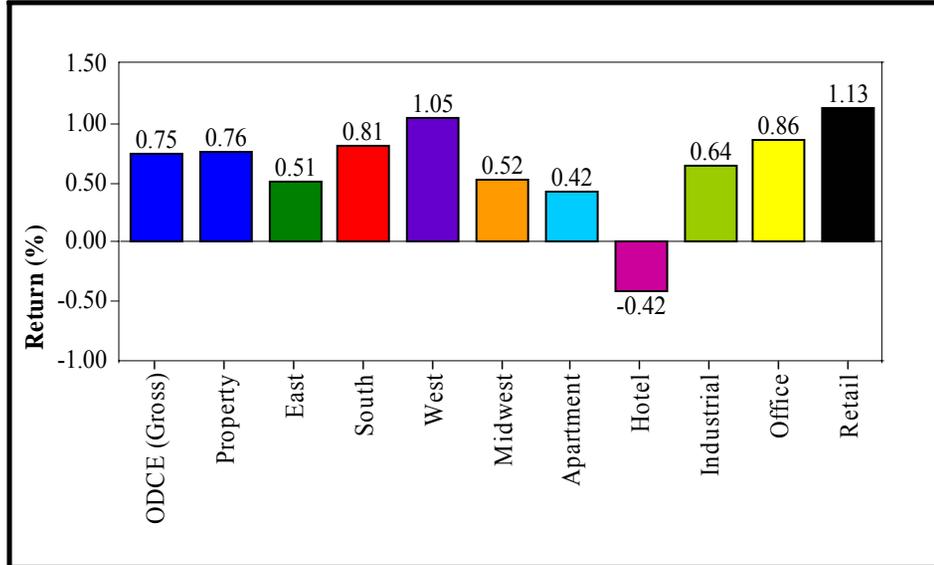
**BC Aggregate Sector Returns - 5 Years**



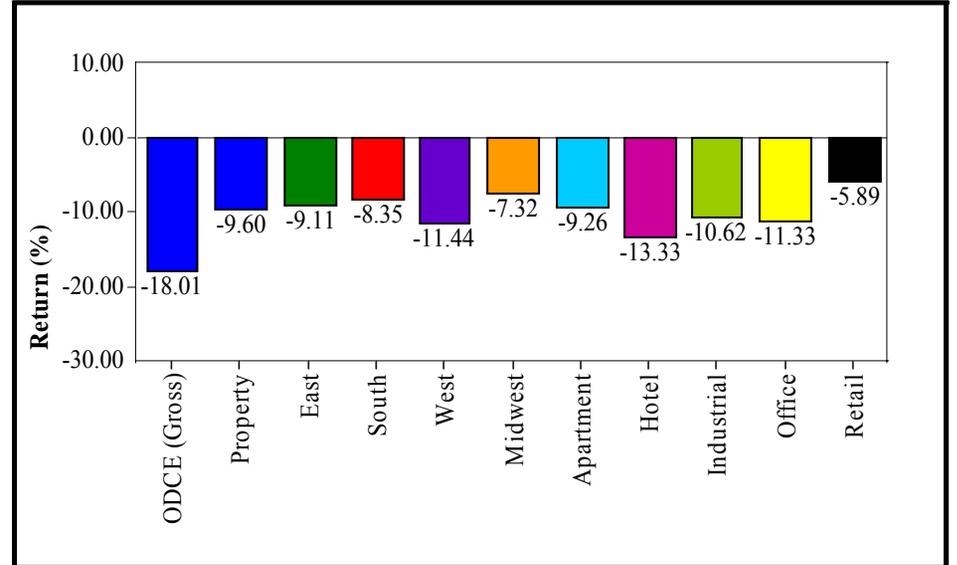
Allocations shown may not sum up to 100% exactly due to rounding. Performance is annualized for periods greater than one year. Returns and allocations provided by Barclays Capital Indices.

**Real Estate Market Performance**  
As of March 31, 2010

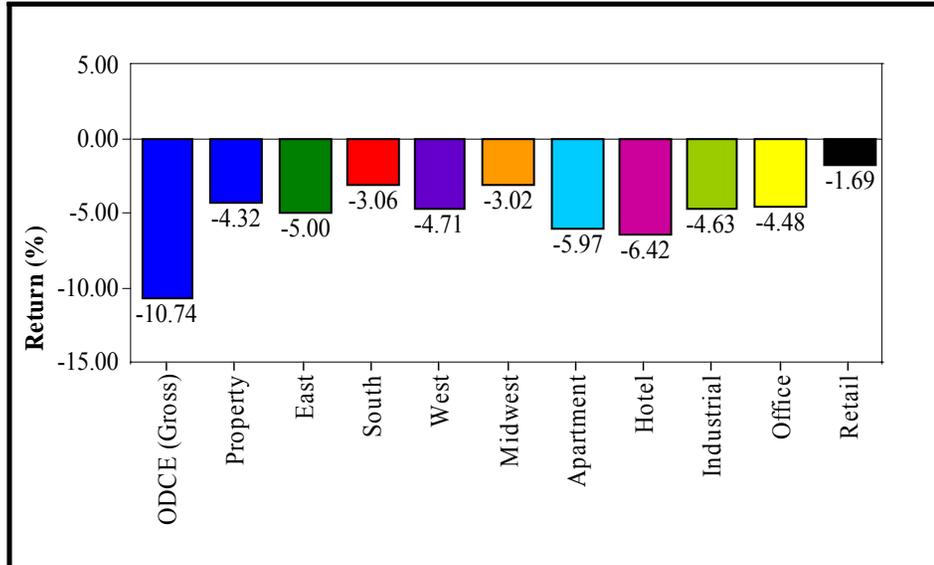
**QTD**



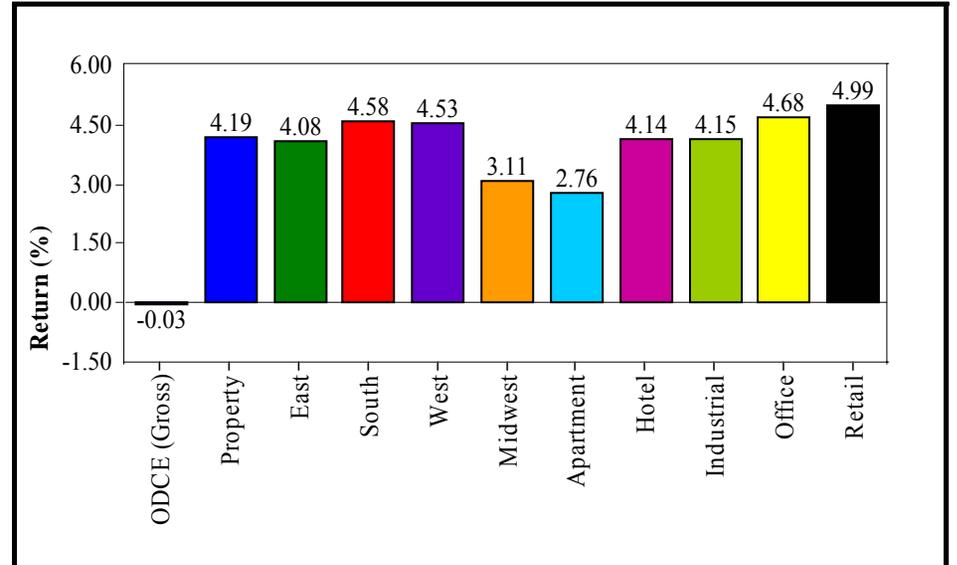
**1 Year**



**3 Years**



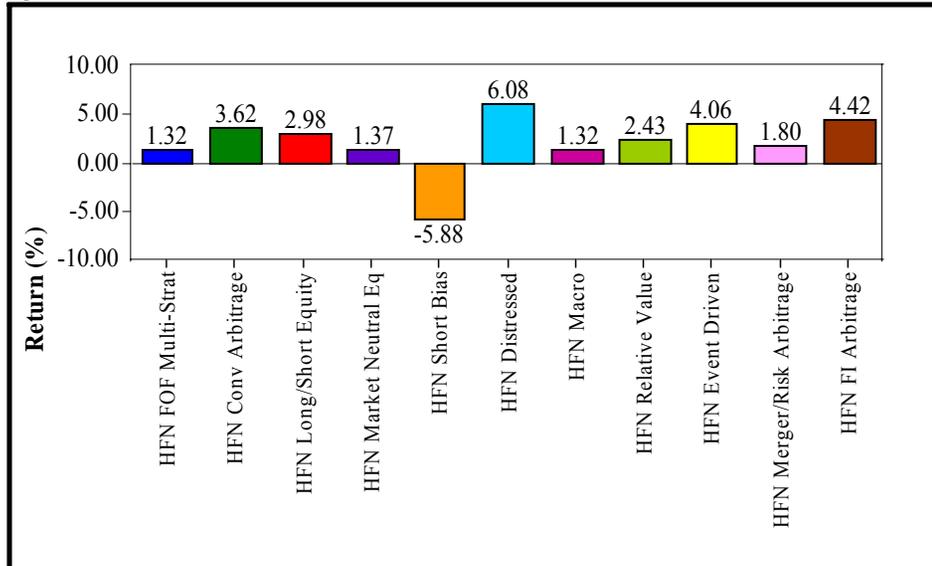
**5 Years**



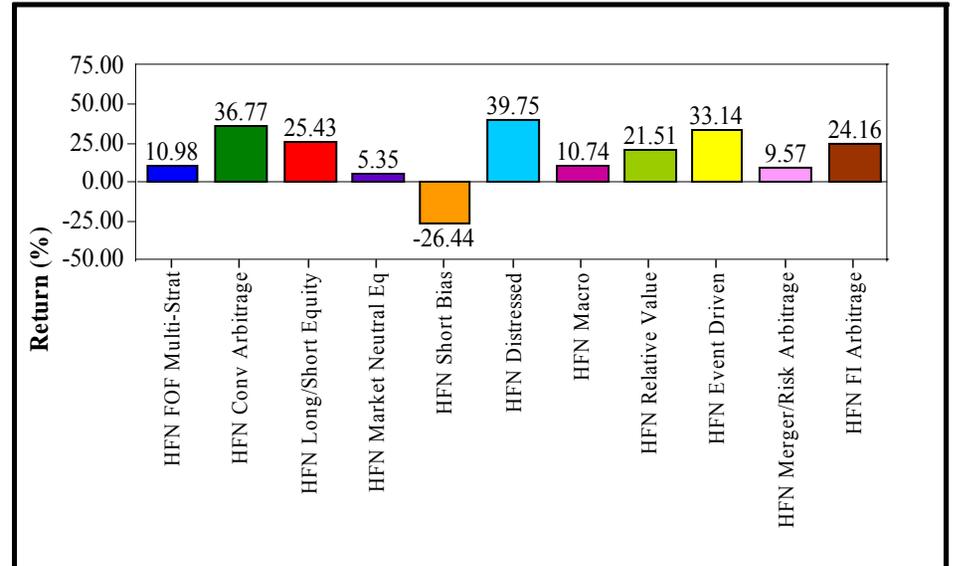
Performance is annualized for periods greater than one year. Region and sector returns represent the Property Index.

**Hedge Fund Market Performance**  
As of March 31, 2010

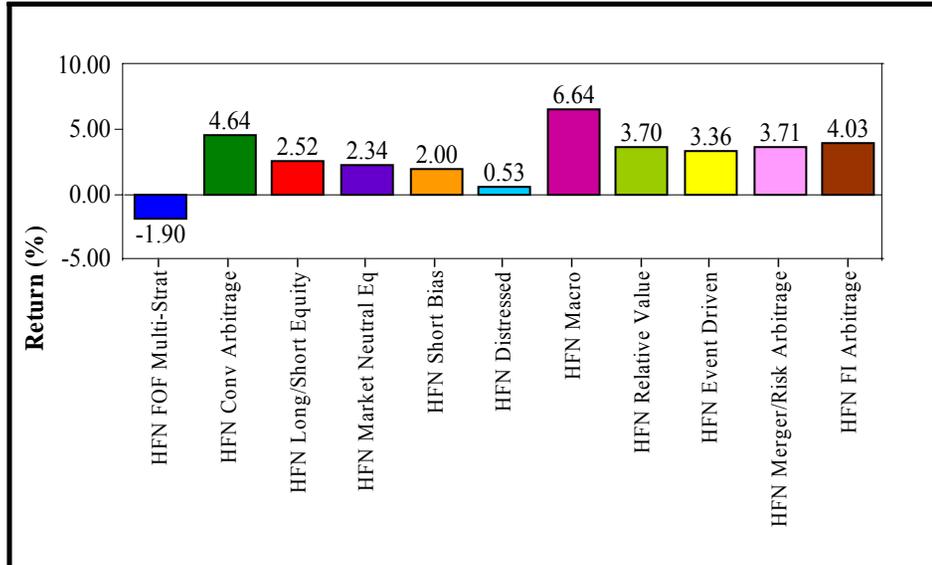
**QTD**



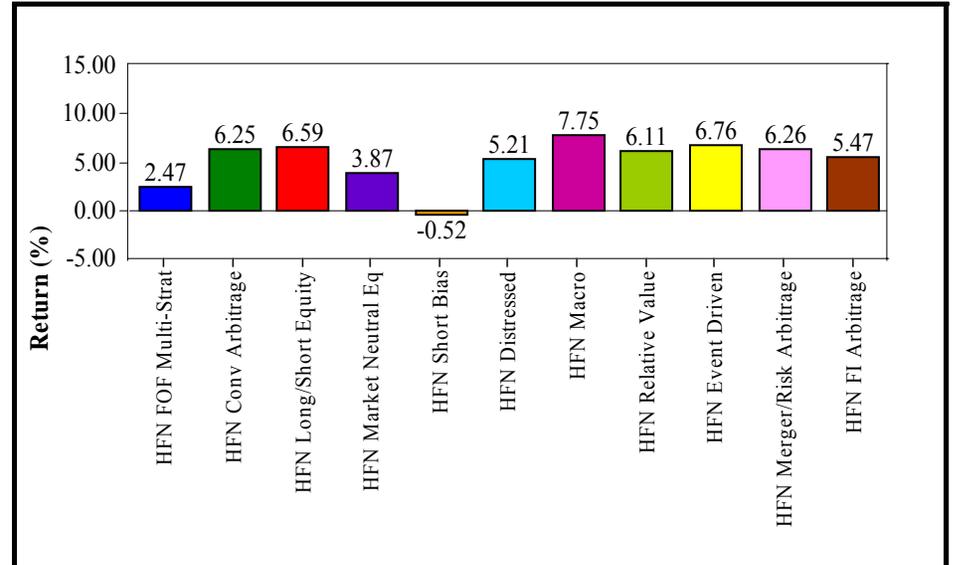
**1 Year**



**3 Years**



**5 Years**



Performance is annualized for periods greater than one year. Values are preliminary and subject to change.

**Annual Asset Class Performance  
As of March 31, 2010**

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	YTD
Best	23.17%	33.36%	28.58%	66.42%	31.84%	8.44%	25.91%	62.14%	31.27%	34.54%	32.59%	39.78%	8.44%	79.02%	8.85%
	22.96%	22.36%	20.34%	27.31%	16.16%	7.89%	16.56%	56.28%	25.95%	26.65%	26.86%	16.23%	5.24%	58.21%	5.39%
	17.38%	17.65%	16.43%	24.69%	14.26%	7.28%	14.81%	47.25%	20.70%	21.40%	19.67%	16.05%	2.06%	47.32%	4.82%
	16.49%	15.12%	11.77%	24.35%	13.15%	6.61%	10.25%	39.17%	18.33%	21.36%	18.37%	11.63%	-2.35%	32.46%	4.62%
	11.71%	14.52%	8.69%	21.26%	12.40%	5.62%	5.55%	28.97%	13.06%	14.02%	16.32%	11.63%	-10.00%	27.18%	2.45%
	11.35%	12.76%	5.23%	21.04%	11.63%	5.28%	3.12%	28.68%	11.13%	6.75%	15.79%	9.91%	-20.47%	26.46%	1.78%
	6.34%	9.65%	3.94%	20.19%	6.18%	4.42%	1.78%	23.93%	10.88%	5.33%	11.85%	6.97%	-26.16%	18.91%	1.55%
	6.04%	5.33%	3.75%	13.17%	-3.02%	2.49%	-1.41%	11.93%	9.15%	4.91%	9.85%	6.60%	-33.79%	11.41%	1.32%
	5.30%	2.05%	1.87%	4.85%	-5.86%	-2.37%	-6.00%	9.27%	8.56%	4.55%	4.85%	5.49%	-35.65%	9.72%	0.94%
	3.63%	-3.39%	-2.55%	2.40%	-7.22%	-11.89%	-7.44%	8.39%	8.46%	3.07%	4.33%	5.00%	-37.00%	5.93%	0.75%
	0.14%	-11.60%	-25.33%	2.39%	-9.10%	-12.11%	-15.66%	5.87%	6.79%	2.84%	2.71%	1.87%	-43.06%	1.92%	0.56%
	N/A	N/A	-27.03%	-0.82%	-13.96%	-19.51%	-20.48%	4.10%	4.34%	2.74%	2.07%	1.79%	-46.78%	0.21%	0.01%
Worst	N/A	N/A	N/A	-7.65%	-30.61%	-21.21%	-22.10%	1.15%	1.33%	2.43%	0.41%	-1.57%	-53.18%	-29.76%	-5.03%

S & P 500 - US Large Cap	R 2000 - US Small Cap	MSCI EAFE (Gross) - Int'l Dev.	MSCI EAFE Sm Cap (Gross) - SC Int'l	MSCI EM (Gross) - Int'l Emg Mkts	BC Agg Bond - FI	BC US Corp: Hi Yield - FI	BC US Treasury US TIPS - FI	BC US Gov't/Credit: Lng Trm Bond - FI	NCREIF ODCE (Gross) - Real Estate	HFN FOF Multi-Strat (Net) - ARS	DJ-UBS Cmdty (TR) - Commodities	BofA ML 3 Mo T-Bill - Cash Equiv
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## ASSET CLASS PERFORMANCE GLOSSARY

**R 2000:** The **Russell 2000 Index** measures the performance of the 2,000 smallest companies in the Russell 3000 Index. The Russell 3000 is composed of the 3,000 largest U.S. companies by market capitalization. The median market capitalization of the Russell 2000 is approximately \$350 million.

**R 2000 Growth:** The **Russell 2000 Growth Index** measures the performance of the small-cap growth segment of U.S. equities. Growth stocks are securities of companies that have been growing rapidly or show signs that they will do so soon. These stocks will often have little or no dividend because assets are needed to invest in expansion. Because of the anticipated growth, these stocks will often trade at prices much higher than average relative to earnings and/or book value. These stocks will also tend to be more volatile than average, reacting more than others to interest rate shifts, economic change, and relevant news.

**R 2000 Value:** The **Russell 2000 Value Index** measures the performance of the small-cap value segment of U.S. equities. Value stocks are securities of companies that have lower price-to-book and price earnings, higher dividend yields, and lower forecasted growth rates than growth companies. These stocks often trade at prices lower than average relative to earnings and/or book value. Because of this apparent discount and occasionally higher than average yield, these stocks tend to be defensive in nature and therefore less volatile than growth stocks.

**R 1000:** The **Russell 1000 Index** measures the performance of the 1,000 largest companies in the Russell 3000 Index. The median market capitalization of the Russell 1000 is approximately \$3.6 billion.

**R 1000 Growth:** The **Russell 1000 Growth Index** measures the performance of the large-cap growth segment of U.S. equities.

**R 1000 Value:** The **Russell 1000 Value Index** measures the performance of the large-cap value segment of U.S. equities.

**MSCI Emerging Mkt:** The **MSCI Emerging Markets Index** measures the equity market performance in 22 emerging market countries: Brazil, Chile, China, Colombia, Czech Republic, Egypt, Hungary, India, Indonesia, Israel, Korea, Malaysia, Mexico, Morocco, Peru, Philippines, Poland, Russia, South Africa, Taiwan, Thailand, and Turkey.

**MSCI EAFE:** The **MSCI EAFE Index (Europe, Australasia, Far East)** measures the equity market performance of 21 developed countries, excluding the US & Canada: Australia, Austria, Belgium, Denmark, Finland, France, Germany, Greece, Hong Kong, Ireland, Italy, Japan, the Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland and the United Kingdom.

**NCREIF Property:** The **NCREIF Property Index** prepared by the National Council of Real Estate Investment Fiduciaries measures historical performance of over 6,000 core, income-producing properties across the U.S. Total performance represents returns from both appreciation and income, and includes multi-family, office, retail, and industrial properties

**HFN FOF Multi Strat:** The **HFN Fund of Funds Multi-Strategy** average is created by HedgeFund.net and contains over 1,800 funds of hedge funds that are each invested in multiple investment strategies.

**BC Agg Bond:** The **Barclays Capital U.S. Aggregate Bond Index** covers the US dollar-denominated, investment-grade, fixed-rate, taxable bond market of SEC-registered securities: U.S. Treasury and agency bonds, domestic corporate debt, and mortgage-backed securities.

**BofA ML 3 Mo T-Bill:** The **BofA Merrill Lynch 3-Month T-Bill Index** is composed of newly issued 90-day Treasury bills.

**BC US Corp: Hi Yield:** The **Barclays Capital U.S. Corporate High-Yield Index** covers the US dollar-denominated, non-investment grade, fixed-rate, taxable corporate bond market. Securities are classified as high-yield if the middle rating of Moody's, Fitch, and S&P is Ba1/BB+/BB+ or below.

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**Investment Policy:**

It is the investment policy for the State Loan and Investment Board to invest public funds of the State of Wyoming in a manner that strives for maximum safety, provides adequate liquidity to meet all operating requirements, and achieves the highest possible investment return consistent with the primary objectives of safety and liquidity.

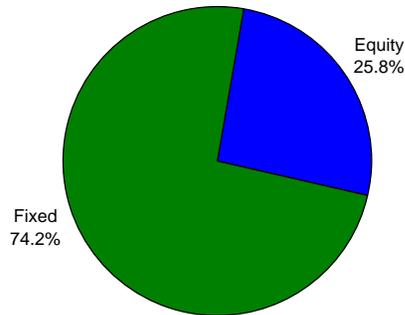
**Investment Objectives and Priorities:**

All available funds shall be invested with the following objectives and priorities:

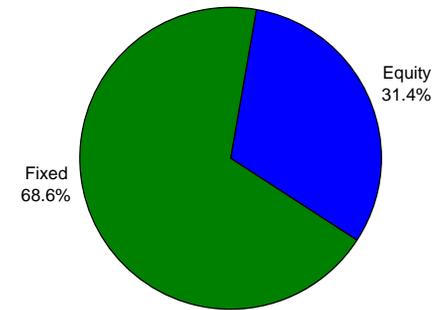
- a) Safety of principal. Investments shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio.
- b) Liquidity requirements of anticipated and unanticipated expenditures.
- c) Yield.
- d) Recognition of differing objectives and needs of various fund portfolios.
- e) Conformance with State law and other pertinent legal restrictions.
- f) Maximization of the total rate of return on investment consistent with the foregoing objectives.
- g) Diversification by asset type, security, and investment manager in order to smooth the volatility of quarterly returns.

**Asset Allocation:**

**06/30/2009 Allocation**



**03/31/2010 Allocation**



**Historical Performance:**

	Total Investment Value	Fiscal Year Ending 06/30/09 Market Value	Current Market Value	Qtr Ending 03/31/10 Return	Fiscal YTD Return	1 Year Return	3 Year Return	5 Year Return
<b>Wyoming State Total Fund</b>	<b>\$11,734.87</b>	<b>\$10,909.36</b>	<b>\$11,980.81</b>	<b>2.89%</b>	<b>12.72%</b>	<b>18.69%</b>	<b>3.90%</b>	<b>5.23%</b>
<i>Wyoming State Actual Allocation Index</i>				2.20%	10.11%	14.61%	3.00%	4.44%

Note[1]: Performance shown is gross of fees with the exception of convertible bonds and absolute return, which are shown net of fees.

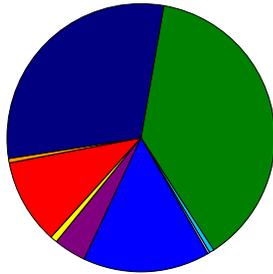
Note[2]: The Wyoming State Actual Allocation Index is calculated using beginning-month asset class weights applied to the appropriate asset class benchmark.

Note[3]: Market Value and Total Investment Value are shown in (\$) Millions.

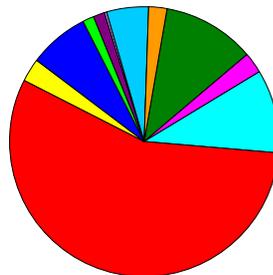
**Wyoming State Treasurer's Office**  
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	Total Investment Value	Fiscal Year Ending 06/30/09 Market Value	Current Market Value	% of MV	Qtr Ending 03/31/10 Return	Fiscal YTD Return	1 Year Return	3 Year Return	5 Year Return
<b>Wyoming State Total Fund</b>	<b>\$11,734,871,006</b>	<b>\$10,909,355,351</b>	<b>\$11,980,809,584</b>	<b>100.0%</b>	<b>2.89%</b>	<b>12.72%</b>	<b>18.69%</b>	<b>3.90%</b>	<b>5.23%</b>
Wyoming State Actual Allocation Index									
<b>Investment Funds</b>									
Permanent Mineral Trust	\$4,492,232,509	\$3,893,843,313	\$4,546,881,697	38.0%	3.16%	14.90%	21.39%	1.90%	4.90%
Permanent Land Fund	\$91,904,078	\$86,664,838	\$92,491,977	0.8%	3.19%	14.87%	20.16%	1.69%	N/A
University Permanent Land Fund	\$16,134,259	\$14,828,445	\$16,966,534	0.1%	3.12%	14.25%	20.52%	1.34%	N/A
Common School Perm Land Fund	\$1,804,650,241	\$1,622,477,081	\$1,819,961,968	15.2%	3.30%	15.64%	22.11%	2.28%	5.04%
Hathaway Scholarship Endowment Fund	\$468,016,633	\$431,076,939	\$483,483,355	4.0%	3.16%	13.59%	21.91%	N/A	N/A
Higher Education Endowment Fund	\$103,590,500	\$96,094,847	\$106,223,614	0.9%	3.13%	13.80%	22.06%	N/A	N/A
Workers Compensation Fund	\$1,190,445,974	\$1,079,844,259	\$1,233,267,205	10.3%	3.02%	13.29%	21.60%	6.15%	5.69%
Tobacco Settlement Trust	\$59,939,499	\$57,008,708	\$60,294,703	0.5%	2.72%	9.26%	14.05%	6.70%	5.89%
State Agency Pool	\$3,507,957,312	\$3,627,516,921	\$3,621,238,532	30.2%	2.15%	8.03%	12.12%	6.09%	5.68%
<b>Asset Class Performance</b>									
<b>US Equity</b>					<b>5.85%</b>	<b>30.31%</b>	<b>51.72%</b>	<b>-2.74%</b>	<b>3.16%</b>
US Large Cap Equity S&P 500	\$1,312,445,989	\$934,057,715	\$1,326,155,120	11.1%	5.31%	28.97%	49.41%	-3.95%	N/A
US SMID Cap Equity Russell 2500	\$251,848,040	\$296,843,302	\$312,105,082	2.6%	8.24%	35.99%	59.48%	0.48%	N/A
International Equity MSCI EAFE	\$1,121,904,013	\$827,704,430	\$1,179,234,832	9.8%	1.66%	26.61%	58.20%	-4.00%	5.51%
Fixed Income Barclays Capital Aggregate	\$6,561,720,259	\$6,599,289,641	\$6,745,794,243	56.3%	2.69%	9.15%	13.99%	6.96%	6.18%
Convertible Bonds BofA ML All Quality Convertible	\$289,168,876	\$274,619,519	\$312,626,230	2.6%	4.53%	26.61%	39.55%	4.85%	8.48%
Cash Equivalents 90 Day U.S. T-Bills	\$883,182,621	\$927,752,048	\$887,707,255	7.4%	0.03%	0.13%	0.18%	2.20%	3.14%
Private Equity S&P 500 + 5%	\$167,789,966	\$126,015,355	\$151,435,145	1.3%	6.68%	34.00%	57.26%	0.63%	7.02%
Core Real Estate NCREIF ODCE	\$282,607,260	\$207,988,400	\$180,920,235	1.5%	1.79%	-9.78%	-17.66%	-10.92%	N/A
Value-Added Real Estate NCREIF Property Index	\$24,995,512	\$15,647,763	\$11,816,818	0.1%	0.76%	-4.64%	-9.60%	-4.32%	4.19%
Absolute Return HFN FoF Multi-Strat	\$569,671,117	\$365,587,899	\$603,477,271	5.0%	3.15%	11.87%	18.91%	N/A	N/A
Overlay Strategies	\$0	\$41,662,229	\$0		N/A	N/A	N/A	N/A	N/A
LDIs and Other Wyoming Investments	\$269,537,352	\$292,187,050	\$269,537,352	2.2%	N/A	N/A	N/A	N/A	N/A

Allocation by Fund



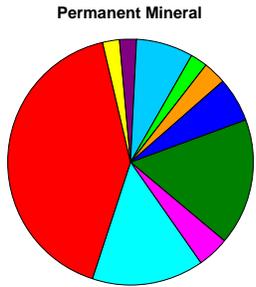
Allocation by Asset Class



Note[1]: Performance shown is gross of fees with the exception of convertible bonds and absolute return, which are shown net of fees. Investment performance is calculated on invested assets only.  
 Note[2]: Pooled investment performance and market values shown reflect State Agency participation and is calculated on a capital-weighted basis using beginning-period allocations.  
 Note[3]: Cash Equivalents performance does not include Extended Cash performance.  
 Note[4]: Performance for Private Equity and Value-Added Real Estate investments is calculated on an IRR basis. For further analysis, please refer to the supplementary alternatives performance report.  
 Note[5]: Market values for non-core real estate and private equity are on a one-quarter lag due to available valuations. However, Investment (Cost) Values are not lagged.  
 Note[6]: First Quadrant overlay strategy has been deactivated and the collateral amount has been disbursed.  
 Note[7]: Market values shown for LDIs and Other Wyoming Investments reflect cost value of the investments.  
 Note[8]: On January 1, 2010, the purchase of Merrill Lynch & Co., Inc. by Bank of America Corporation was completed. All Merrill Lynch products and indices now include the Bank of America name.

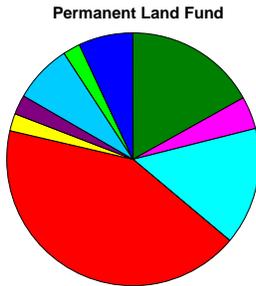
**Wyoming State Treasurer's Office**  
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	Total Investment Value	Fiscal Year Ending 06/30/09 Market Value	Current Market Value	% of MV	Qtr Ending 03/31/10 Return	Fiscal YTD Return	1 Year Return	3 Year Return	5 Year Return
<b>Wyoming State Total Fund</b>	<b>\$11,734,871,006</b>	<b>\$10,909,355,351</b>	<b>\$11,980,809,584</b>		<b>2.89%</b>	<b>12.72%</b>	<b>18.69%</b>	<b>3.90%</b>	<b>5.23%</b>

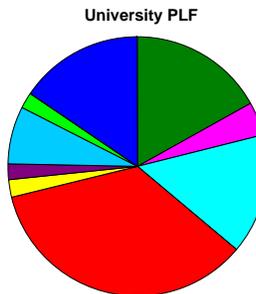


**Investment Funds:**

Investment Fund	Total Investment Value	Fiscal Year Ending 06/30/09 Market Value	Current Market Value	% of MV	Qtr Ending 03/31/10 Return	Fiscal YTD Return	1 Year Return	3 Year Return	5 Year Return
<b>Permanent Mineral Trust</b>	<b>\$4,492,232,509</b>	<b>\$3,893,843,313</b>	<b>\$4,546,881,697</b>	<b>100.0%</b>	<b>3.16%</b>	<b>14.90%</b>	<b>21.39%</b>	<b>1.90%</b>	<b>4.90%</b>
US Large Cap Equity	\$759,712,395	\$545,206,874	\$762,058,930	16.8%					
US SMID Cap Equity	\$150,120,734	\$168,458,574	\$183,361,736	4.0%					
International Equity	\$649,537,474	\$479,104,418	\$674,736,905	14.8%					
Fixed Income	\$1,834,541,665	\$1,531,339,615	\$1,879,492,856	41.3%					
Convertibles	\$89,855,232	\$69,451,276	\$96,664,030	2.1%					
Real Estate	\$179,853,739	\$140,460,647	\$108,744,799	2.4%					
Absolute Return	\$317,684,780	\$209,940,406	\$333,609,030	7.3%					
Private Equity	\$115,016,643	\$85,804,541	\$103,809,061	2.3%					
Overlay Strategies	\$0	\$25,063,997	\$0	0.0%					
LDIs and Other Wyoming Investments	\$132,862,208	\$123,142,507	\$132,862,208	2.9%					
Cash (invested in State Agency Pool)	\$263,047,639	\$515,870,458	\$271,542,143	6.0%					
<i>Actual Allocation Index</i>					2.49%	12.73%	18.38%	0.71%	3.98%



Investment Fund	Total Investment Value	Fiscal Year Ending 06/30/09 Market Value	Current Market Value	% of MV	Qtr Ending 03/31/10 Return	Fiscal YTD Return	1 Year Return	3 Year Return	5 Year Return
<b>Permanent Land Fund</b>	<b>\$91,904,078</b>	<b>\$86,664,838</b>	<b>\$92,491,977</b>	<b>100.0%</b>	<b>3.19%</b>	<b>14.87%</b>	<b>20.16%</b>	<b>1.69%</b>	<b>N/A</b>
US Large Cap Equity	\$15,956,644	\$11,578,293	\$15,774,050	17.1%					
US SMID Cap Equity	\$3,155,875	\$3,532,435	\$3,807,682	4.1%					
International Equity	\$13,690,426	\$10,176,842	\$13,863,308	15.0%					
Fixed Income	\$38,179,370	\$34,470,051	\$39,292,566	42.5%					
Convertibles	\$1,912,192	\$1,510,407	\$2,032,070	2.2%					
Real Estate	\$3,759,567	\$3,083,023	\$2,193,605	2.4%					
Absolute Return	\$6,736,093	\$4,439,464	\$7,056,070	7.6%					
Private Equity	\$2,404,111	\$2,547,891	\$2,165,523	2.3%					
Overlay Strategies	\$0	\$558,274	\$0	0.0%					
Cash (invested in State Agency Pool)	\$6,109,802	\$14,768,157	\$6,307,103	6.8%					
<i>Actual Allocation Index</i>					2.48%	12.49%	16.85%	0.43%	N/A



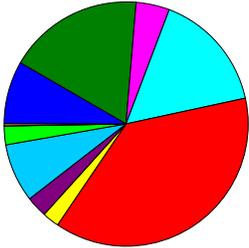
Investment Fund	Total Investment Value	Fiscal Year Ending 06/30/09 Market Value	Current Market Value	% of MV	Qtr Ending 03/31/10 Return	Fiscal YTD Return	1 Year Return	3 Year Return	5 Year Return
<b>University Permanent Land Fund</b>	<b>\$16,134,259</b>	<b>\$14,828,445</b>	<b>\$16,966,534</b>	<b>100.0%</b>	<b>3.12%</b>	<b>14.25%</b>	<b>20.52%</b>	<b>1.34%</b>	<b>N/A</b>
US Large Cap Equity	\$2,746,004	\$2,098,509	\$2,858,148	16.8%					
US SMID Cap Equity	\$540,085	\$682,740	\$717,842	4.2%					
International Equity	\$2,335,633	\$1,899,922	\$2,554,120	15.1%					
Fixed Income	\$5,442,003	\$2,232,969	\$5,952,943	35.1%					
Convertibles	\$317,846	\$274,620	\$343,889	2.0%					
Real Estate	\$642,242	\$595,994	\$352,546	2.1%					
Absolute Return	\$1,167,367	\$772,235	\$1,206,595	7.1%					
Private Equity	\$407,937	\$340,037	\$363,444	2.1%					
Overlay Strategies	\$0	\$104,156	\$0	0.0%					
Cash (invested in State Agency Pool)	\$2,535,142	\$5,827,265	\$2,617,008	15.4%					
<i>Actual Allocation Index</i>					2.46%	12.58%	18.08%	0.46%	N/A

Note[1]: Performance shown is gross of fees with the exception of convertible bonds and absolute return, which are shown net of fees.  
 Note[2]: Pooled investment performance and market values shown reflect State Agency participation.  
 Note[3]: Pooled investment and Actual Allocation Index performance is calculated on a capital-weighted basis using beginning-period allocations.  
 Note[4]: Market values shown for LDIs and Other Wyoming Investments reflect cost value of the investments.

**Wyoming State Treasurer's Office**  
**Investment Performance - Total Performance**  
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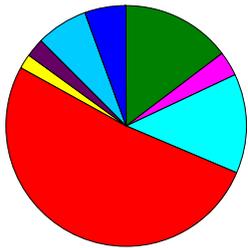
	Total Investment Value	Fiscal Year Ending 06/30/09 Market Value	Current Market Value	% of MV	Qtr Ending 03/31/10 Return	Fiscal YTD Return	1 Year Return	3 Year Return	5 Year Return
<b>Investment Funds:</b>									
<b>Common School Perm Land Fund</b>	<b><u>\$1,804,650,241</u></b>	<b><u>\$1,622,477,081</u></b>	<b><u>\$1,819,961,968</u></b>	<b><u>100.0%</u></b>	<b>3.30%</b>	<b>15.64%</b>	<b>22.11%</b>	<b>2.28%</b>	<b>5.04%</b>
US Large Cap Equity	\$329,264,746	\$233,620,072	\$330,989,937	18.2%					
US SMID Cap Equity	\$64,991,887	\$71,717,342	\$79,087,428	4.3%					
International Equity	\$281,679,631	\$202,181,297	\$287,788,332	15.8%					
Fixed Income	\$672,677,621	\$683,448,529	\$686,918,967	37.7%					
Convertibles	\$38,902,647	\$30,455,305	\$42,610,955	2.3%					
Real Estate	\$78,120,093	\$60,590,981	\$47,565,096	2.6%					
Absolute Return	\$135,300,356	\$87,365,175	\$141,421,013	7.8%					
Private Equity	\$49,961,275	\$37,322,886	\$45,097,117	2.5%					
Overlay Strategies	\$0	\$10,961,332	\$0	0.0%					
LDIs and Other Wyoming Investments	\$7,243,745	\$7,442,898	\$7,243,745	0.4%					
Cash (invested in State Agency Pool)	\$146,508,240	\$197,371,263	\$151,239,378	8.3%					
<i>Actual Allocation Index</i>					2.54%	12.96%	18.29%	0.74%	3.91%

Common School PLF



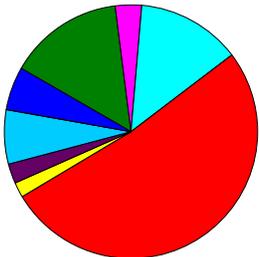
<b>Hathaway Scholarship</b>	<b><u>\$468,016,633</u></b>	<b><u>\$431,076,939</u></b>	<b><u>\$483,483,355</u></b>	<b><u>100.0%</u></b>	<b>3.16%</b>	<b>13.59%</b>	<b>21.91%</b>	<b>N/A</b>	<b>N/A</b>
US Large Cap Equity	\$72,530,025	\$42,484,865	\$70,651,837	14.6%					
US SMID Cap Equity	\$14,496,635	\$13,536,055	\$16,135,833	3.3%					
International Equity	\$61,475,770	\$39,155,049	\$64,365,203	13.3%					
Fixed Income	\$238,880,744	\$182,371,894	\$250,101,087	51.7%					
Convertibles	\$9,619,605	\$8,018,890	\$9,910,252	2.0%					
Real Estate	\$16,762,652	\$7,337,743	\$12,236,927	2.5%					
Absolute Return	\$28,132,338	\$18,060,217	\$33,119,904	6.9%					
Overlay Strategies	\$0	\$1,995,621	\$0	0.0%					
Cash (invested in State Agency Pool)	\$26,118,865	\$118,116,605	\$26,962,312	5.6%					
<i>Actual Allocation Index</i>					2.49%	10.96%	17.69%	N/A	N/A

Hathaway Scholarship



<b>Higher Education</b>	<b><u>\$103,590,500</u></b>	<b><u>\$96,094,847</u></b>	<b><u>\$106,223,614</u></b>	<b><u>100.0%</u></b>	<b>3.13%</b>	<b>13.80%</b>	<b>22.06%</b>	<b>N/A</b>	<b>N/A</b>
US Large Cap Equity	\$16,300,898	\$10,364,440	\$15,508,940	14.6%					
US SMID Cap Equity	\$3,265,226	\$3,235,592	\$3,557,998	3.3%					
International Equity	\$13,842,319	\$9,341,714	\$14,236,479	13.4%					
Fixed Income	\$52,471,956	\$40,424,256	\$54,903,792	51.7%					
Convertibles	\$2,048,934	\$1,949,799	\$2,125,858	2.0%					
Real Estate	\$3,710,425	\$1,894,066	\$2,550,495	2.4%					
Absolute Return	\$6,233,193	\$4,368,443	\$7,437,867	7.0%					
Overlay Strategies	\$0	\$445,786	\$0	0.0%					
Cash (invested in State Agency Pool)	\$5,717,550	\$24,070,752	\$5,902,185	5.6%					
<i>Actual Allocation Index</i>					2.47%	11.27%	18.15%	N/A	N/A

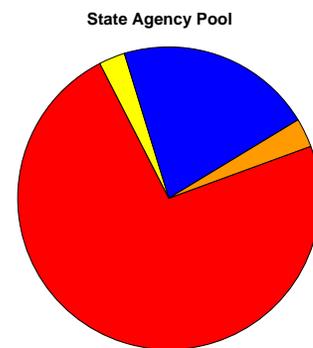
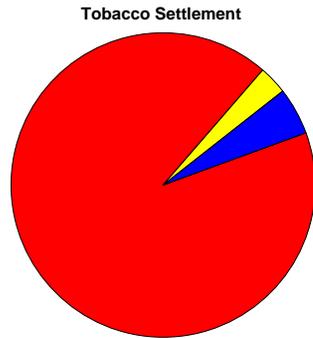
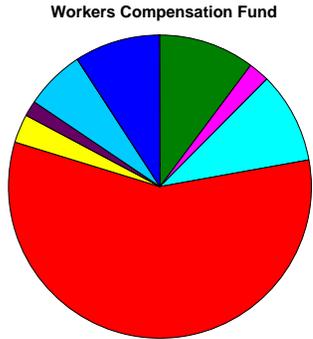
Higher Education



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 Note[2]: Pooled investment performance and market values shown reflect State Agency participation.  
 Note[3]: Pooled investment and Actual Allocation Index performance is calculated on a capital-weighted basis using beginning-period allocations.  
 Note[4]: Market values shown for LDIs and Other Wyoming Investments reflect cost value of the investments.

**Wyoming State Treasurer's Office**  
**Investment Performance - Total Performance**  
 March 31, 2010

	Total Investment Value	Fiscal Year Ending 06/30/09 Market Value	Current Market Value	% of MV	Qtr Ending 03/31/10 Return	Fiscal YTD Return	1 Year Return	3 Year Return	5 Year Return
<b>Investment Funds:</b>									
<b>Workers Compensation Fund</b>	<b><u>\$1,190,445,974</u></b>	<b><u>\$1,079,844,259</u></b>	<b><u>\$1,233,267,205</u></b>	<b><u>100.0%</u></b>	<b>3.02%</b>	<b>13.29%</b>	<b>21.60%</b>	<b>6.15%</b>	<b>5.69%</b>
US Large Cap Equity	\$115,935,278	\$88,704,663	\$128,313,280	10.4%					
US SMID Cap Equity	\$15,277,599	\$35,680,565	\$25,436,564	2.1%					
International Equity	\$99,342,760	\$85,845,187	\$121,690,486	9.9%					
Fixed Income	\$715,798,150	\$671,540,191	\$708,040,797	57.4%					
Convertibles	\$35,558,706	\$34,547,135	\$38,171,663	3.1%					
Real Estate	\$24,754,055	\$9,673,707	\$19,093,586	1.5%					
Absolute Return	\$74,416,990	\$40,641,959	\$79,626,791	6.5%					
Overlay Strategies	\$0	\$2,533,064	\$0	0.0%					
Cash (invested in State Agency Pool)	\$109,362,436	\$110,677,788	\$112,894,039	9.2%					
<i>Actual Allocation Index</i>					2.26%	10.53%	16.82%	5.60%	5.12%
<b>Tobacco Settlement</b>	<b><u>\$59,939,499</u></b>	<b><u>\$57,008,708</u></b>	<b><u>\$60,294,703</u></b>	<b><u>100.0%</u></b>	<b>2.72%</b>	<b>9.26%</b>	<b>14.05%</b>	<b>6.70%</b>	<b>5.89%</b>
Fixed Income	\$55,307,256	\$48,544,155	\$55,494,257	92.0%					
Convertibles	\$1,768,761	\$1,647,717	\$1,844,495	3.1%					
Cash (invested in State Agency Pool)	\$2,863,481	\$6,816,836	\$2,955,951	4.9%					
<i>Actual Allocation Index</i>					1.76%	5.73%	7.57%	6.13%	5.43%
<b>State Agency Pool</b>	<b><u>\$3,507,957,312</u></b>	<b><u>\$3,627,516,921</u></b>	<b><u>\$3,621,238,532</u></b>	<b><u>100.0%</u></b>	<b>2.15%</b>	<b>8.03%</b>	<b>12.12%</b>	<b>6.09%</b>	<b>5.68%</b>
Fixed Income	\$2,541,124,448	\$2,672,863,287	\$2,642,113,228	73.0%					
Convertibles	\$94,102,065	\$99,510,130	\$102,494,908	2.8%					
Cash Equiv.	\$761,179,145	\$728,286,086	\$765,078,742	21.1%					
LDIs and Other Wyoming Investments	\$111,551,654	\$126,857,418	\$111,551,654	3.1%					
<i>Actual Allocation Index</i>					1.43%	4.87%	6.42%	5.61%	5.15%

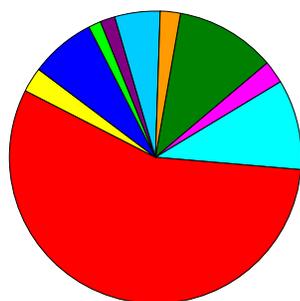


Note[1]: Performance shown is gross of fees with the exception of convertible bonds and absolute return, which are shown net of fees.  
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**Wyoming State Treasurer's Office**  
**Investment Performance - Total Performance**  
 March 31, 2010

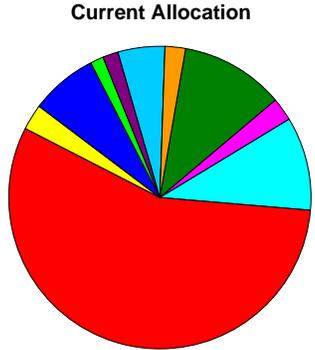
	Total Investment Value	Fiscal Year Ending 06/30/09 Market Value	Current Market Value	% of MV	Qtr Ending 03/31/10 Return	Fiscal YTD Return	1 Year Return	3 Year Return	5 Year Return
<b>Wyoming State Total Fund</b>	<b>\$11,734,871,006</b>	<b>\$10,909,355,351</b>	<b>\$11,980,809,584</b>	<b>100.0%</b>	<b>2.89%</b>	<b>12.72%</b>	<b>18.69%</b>	<b>3.90%</b>	<b>5.23%</b>
Wyoming State Actual Allocation Index					2.20%	10.11%	14.61%	3.00%	4.44%
<b>US Equity</b>									
State Street LCC (Index)	\$1,311,605,990	\$933,733,300	\$1,325,550,408		5.31%	28.97%	49.42%	-3.94%	2.07%
UW Portfolio Mgmt Program	\$840,000	\$324,415	\$604,712		4.70%	15.68%	31.01%	-6.91%	N/A
S&P 500					5.39%	29.19%	49.77%	-4.17%	1.92%
US Large Cap Equity	\$1,312,445,989	\$934,057,715	\$1,326,155,120	11.1%					
Gabelli (Sm-Mid Cap Value)	\$251,848,040	\$296,843,302	\$312,105,082		8.24%	35.73%	68.01%	2.62%	7.70%
Russell 2500 Value					9.57%	40.77%	67.17%	-5.06%	3.14%
US SMID Cap Equity	\$251,848,040	\$296,843,302	\$312,105,082	2.6%					
<b>Total US Equity</b>	<b>\$1,564,294,030</b>	<b>\$1,230,901,018</b>	<b>\$1,638,260,202</b>	<b>13.7%</b>					
<b>International Equity</b>									
Int'l Exchange Traded Funds	\$166,943,218	\$18,574,581	\$163,986,580		0.18%	18.00%	46.77%	-8.66%	2.71%
Fisher Int'l Eq	\$553,758,104	\$441,921,251	\$574,951,567		2.58%	30.18%	67.57%	-2.32%	6.35%
Capital Guardian Int'l Eq	\$401,202,691	\$367,208,598	\$440,296,685		0.98%	23.38%	48.99%	-5.70%	4.64%
MSCI EAFE					0.94%	23.33%	55.20%	-6.55%	4.24%
<b>Total International Equity</b>	<b>\$1,121,904,013</b>	<b>\$827,704,430</b>	<b>\$1,179,234,832</b>	<b>9.8%</b>					
<b>Fixed Income</b>									
WAMCO Core Plus	\$1,108,890,884	\$1,067,827,007	\$1,117,712,476		2.22%	8.86%	12.29%	5.88%	5.54%
Neuberger Berman Core Plus	\$1,087,344,756	\$1,093,050,948	\$1,155,741,171		2.67%	13.01%	21.11%	8.01%	N/A
PIMCO Core Plus	\$892,746,481	\$916,949,647	\$933,960,174		2.34%	8.68%	12.46%	8.56%	N/A
BC Aggregate					1.78%	5.81%	7.69%	6.14%	5.44%
PIMCO Mortgages	\$538,293,522	\$544,896,262	\$543,360,611		2.63%	6.90%	9.05%	7.61%	N/A
JP Morgan Mortgages	\$557,502,349	\$528,073,574	\$542,609,140		2.26%	7.88%	10.29%	2.99%	N/A
BC Mortgages					1.54%	4.48%	5.21%	7.03%	6.13%
WAMCO Corporates	\$318,855,478	\$341,562,118	\$325,734,188		3.66%	14.81%	30.76%	4.49%	N/A
Logan Circle Corporates	\$245,214,144	\$259,140,624	\$255,764,293		2.74%	14.74%	30.87%	5.11%	N/A
BC Credit					2.27%	11.05%	20.83%	6.00%	5.37%
PIMCO Global/Emerging Markets	\$502,477,976	\$502,349,820	\$545,013,763		4.39%	14.46%	23.32%	N/A	N/A
Global/EM Custom Index					3.24%	12.24%	21.49%	N/A	N/A
Wyoming State Treasurer's Office	\$1,310,394,669	\$1,345,439,642	\$1,325,898,427		2.62%	3.47%	3.98%	5.60%	5.33%
BC Gov't/Credit					1.55%	5.55%	7.51%	5.84%	5.17%
<b>Total Fixed Income</b>	<b>\$6,561,720,259</b>	<b>\$6,599,289,641</b>	<b>\$6,745,794,243</b>	<b>56.3%</b>					

Current Allocation



Note[1]: Performance shown is gross of fees with the exception of convertible bonds and absolute return, which are shown net of fees.  
 Note[2]: Returns are stated in traditional total return terms and do not specify realized income.  
 Note[3]: The Global/EM Custom Index consists of 32.5% Barclays Capital Aggregate ex-US Hedged, 5% Barclays Capital Aggregate ex-US Unhedged, 47.5% JP Morgan EMBI Global, and 15% JP Morgan GBI-EM Global Diversified Unhedged.

**Wyoming State Treasurer's Office**  
**Investment Performance - Total Performance**  
 March 31, 2010



	Total Investment Value	Fiscal Year Ending 06/30/09 Market Value	Current Market Value	% of MV	Qtr Ending 03/31/10 Return	Fiscal YTD Return	1 Year Return	3 Year Return	5 Year Return
<b>Convertible Bonds</b>									
<b>Nicholas Applegate Convertibles</b>	<b>\$289,168,876</b>	<b>\$274,619,519</b>	<b>\$312,626,230</b>	<b>2.6%</b>	<b>4.53%</b>	<b>26.61%</b>	<b>39.55%</b>	<b>4.85%</b>	<b>8.48%</b>
BofA ML All Quality Convertible					5.64%	30.19%	53.24%	1.07%	4.82%
<b>Cash &amp; Cash Equivalents</b>									
<b>Wyoming Treasury Cash</b>		<b>\$754,883,217</b>	<b>\$710,360,721</b>		<b>0.03%</b>	<b>0.13%</b>	<b>0.18%</b>	<b>2.20%</b>	<b>3.14%</b>
90 Day U.S. T-Bills					0.01%	0.12%	0.17%	1.99%	2.91%
<b>Wyoming Treasury Extd Cash</b>		<b>\$172,868,831</b>	<b>\$177,346,533</b>		<b>1.02%</b>	<b>2.59%</b>	<b>3.67%</b>	<b>4.94%</b>	<b>4.72%</b>
JP Morgan Blended Index					1.03%	2.64%	3.12%	5.26%	4.97%
<b>Total Cash &amp; Cash Equivalents</b>	<b>\$883,182,621</b>	<b>\$927,752,048</b>	<b>\$887,707,255</b>	<b>7.4%</b>					
<b>Private Equity</b>									
<b>Cheyenne Capital Fund, LP</b>	<b>\$163,789,966</b>	<b>\$123,971,178</b>	<b>\$148,742,579</b>				<b>SEE NOTE[4]</b>		
<b>Access Venture Partner II</b>	<b>\$4,000,000</b>	<b>\$2,044,177</b>	<b>\$2,692,566</b>				<b>SEE NOTE[4]</b>		
S&P 500 + 5%					6.68%	34.00%	57.26%	0.63%	7.02%
<b>Total Private Equity</b>	<b>\$167,789,966</b>	<b>\$126,015,355</b>	<b>\$151,435,145</b>	<b>1.3%</b>					
<b>Real Estate</b>									
<b>Clarion Core</b>	<b>\$141,303,630</b>	<b>\$96,352,832</b>	<b>\$79,090,258</b>		<b>1.63%</b>	<b>-14.39%</b>	<b>-24.19%</b>	<b>-15.06%</b>	<b>N/A</b>
<b>UBS Core</b>	<b>\$141,303,630</b>	<b>\$111,635,568</b>	<b>\$101,829,977</b>		<b>1.91%</b>	<b>-5.77%</b>	<b>-11.62%</b>	<b>-6.92%</b>	<b>N/A</b>
NCREIF ODCE					0.75%	-9.87%	-18.01%	-10.74%	-0.03%
<b>TA Realty Value-Added</b>	<b>\$15,000,000</b>	<b>\$13,232,995</b>	<b>\$9,818,942</b>				<b>SEE NOTE[4]</b>		
<b>Heitman Value-Added</b>	<b>\$3,799,147</b>	<b>\$2,414,768</b>	<b>\$1,997,876</b>				<b>SEE NOTE[4]</b>		
<b>WestRiver Value-Added</b>	<b>\$6,196,366</b>	<b>\$0</b>	<b>\$0</b>				<b>SEE NOTE[4]</b>		
NCREIF Property					0.76%	-4.64%	-9.60%	-4.32%	4.19%
<b>Total Real Estate</b>	<b>\$307,602,772</b>	<b>\$223,636,163</b>	<b>\$192,737,053</b>	<b>1.6%</b>					
<b>Absolute Return</b>									
<b>PAAMCO</b>	<b>\$243,738,970</b>	<b>\$167,672,563</b>	<b>\$257,481,156</b>		<b>2.26%</b>	<b>11.23%</b>	<b>17.06%</b>	<b>N/A</b>	<b>N/A</b>
<b>Aurora L.P.</b>	<b>\$162,461,240</b>	<b>\$152,915,336</b>	<b>\$171,199,688</b>		<b>2.94%</b>	<b>11.96%</b>	<b>20.31%</b>	<b>N/A</b>	<b>N/A</b>
<b>Aurora L.P. II</b>	<b>\$82,730,730</b>	<b>\$45,000,000</b>	<b>\$89,202,116</b>		<b>2.87%</b>	<b>9.52%</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
HFN FoF Multi-Strat					1.31%	6.61%	10.97%	-1.91%	2.47%
<b>Grosvenor Global Recovery Fund</b>	<b>\$80,740,177</b>	<b>\$0</b>	<b>\$85,594,311</b>		<b>7.79%</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Global Recovery Custom Index					7.13%	34.05%	55.92%	-4.67%	N/A
<b>Total Absolute Return</b>	<b>\$569,671,117</b>	<b>\$365,587,899</b>	<b>\$603,477,271</b>	<b>5.0%</b>					
<b>Overlay Strategies</b>									
<b>First Quadrant</b>	<b>\$0</b>	<b>\$41,662,229</b>	<b>\$0</b>		<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>LDIs and Other Wyoming Investments</b>									
	<b>\$269,537,352</b>	<b>\$292,187,050</b>	<b>\$269,537,352</b>	<b>2.2%</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

Note[1]: Performance shown is gross of fees with the exception of convertible bonds and absolute return, which are shown net of fees.  
 Note[2]: Returns are stated in traditional total return terms and do not specify realized income.  
 Note[3]: Performance for Private Equity and Value-Added Real Estate investments is calculated on an IRR basis. For further analysis, please refer to the supplementary alternatives performance report.  
 Note[4]: Market values for non-core real estate and private equity are on a one-quarter lag due to available valuations. However, Investment (Cost) Values are not lagged.  
 Note[5]: The Global Recovery Custom Index consists of 50% Credit Suisse Distressed Index, 20% Credit Suisse High Yield Index, and 30% ABX Index.  
 Note[6]: First Quadrant overlay strategy has been deactivated and the collateral amount has been disbursed.  
 Note[7]: Market values shown for LDIs and Other Wyoming Investments reflect cost value of the investments.  
 Note[8]: On January 1, 2010, the purchase of Merrill Lynch & Co., Inc. by Bank of America Corporation was completed. All Merrill Lynch indices now include the Bank of America name.



# State of Wyoming State Loan and Investment Board Investment Policy Objective Review

March 31, 2010

Investment Policy Guidelines	Meeting Objective			Explanation
	Yes	No	N/A	
<b>1. Total Fund</b>				
- Exceed the rate of inflation (C.P.I.) over a market cycle of 5 years.	✓			Wyoming returned 5.2% vs. 2.4% for the C.P.I. for the current 5 year period
- Exceed a weighted index of the total fund's asset allocation and component benchmarks over rolling 5-year periods by an appropriate amount.	✓			Wyoming returned 5.2% vs. 4.4% for the Actual Allocation Index for the current 5 year period
- Not more than 1% of the outstanding common shares of any corporation shall be owned by the State. An exception may be made for Alternative Investments.	✓			
- Not more than 1 ½% of the total book value of permanent funds shall be invested in the common stock of any corporation. An exception may be made for Alternative Investments.	✓			

		Yes	No	N/A	Explanation
<b>2. Investment Funds</b>					
a)	<b>Permanent Mineral Trust Fund</b>				
	- Exceed a weighted index of the Fund's asset allocation and component benchmarks over a full market cycle, approximated by the most recent 5 year period.	✓			5 Year: Permanent Mineral Trust Fund return was 4.9% vs. 4.0% for the Actual Allocation Index
b)	<b>Permanent Land Fund</b>				
	- Exceed a weighted index of the Fund's asset allocation and component benchmarks over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 1/2006
c)	<b>University Permanent Land Fund</b>				
	- Exceed a weighted index of the Fund's asset allocation and component benchmarks over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 4/2006
d)	<b>Common School Permanent Land Fund</b>				
	- Exceed a weighted index of the Fund's asset allocation and component benchmarks over a full market cycle, approximated by the most recent 5 year period.	✓			5 Year: Common School Land Fund return was 5.0% vs. 3.9% for the Actual Allocation Index
e)	<b>Hathaway Scholarship Endowment Fund</b>				
	- Exceed a weighted index of the Fund's asset allocation and component benchmarks over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 8/2007
f)	<b>Higher Education Endowment Fund</b>				
	- Exceed a weighted index of the Fund's asset allocation and component benchmarks over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 8/2007
g)	<b>Workers Compensation Fund</b>				
	- Exceed a weighted index of the Fund's asset allocation and component benchmarks over a full market cycle, approximated by the most recent 5 year period.	✓			5 Year: Workers Compensation Fund return was 5.7% vs. 5.1% for the Actual Allocation Index
h)	<b>Tobacco Settlement Trust Fund</b>				
	- At least 5% to 10% of the fund balance should be invested in securities with maturities of less than one year.	✓			
	- No public and/or private equities are permitted.	✓			
	- Exceed a weighted index of the Fund's asset allocation and component benchmarks over a full market cycle, approximated by the most recent 5 year period.	✓			5 Year: Tobacco Settlement Trust Fund return was 5.9% vs. 5.4% for the Actual Allocation Index

		Yes	No	N/A	Explanation
i)	<b>State Agency Pool</b>				
	- At least 10% to 15% of the fund balance should be invested in securities with maturities of less than one year.	✓			
	- No public and/or private equities are permitted.	✓			
	- Exceed a weighted index of the Fund's asset allocation and component benchmarks over a full market cycle, approximated by the most recent 5 year period.	✓			5 Year: State Agency Pool return was 5.7% vs. 5.2% for the Actual Allocation Index

		Yes	No	N/A	Explanation
<b>3. Domestic Equity Portfolios</b>					
a)	<b>State Street LCC</b>				
	- At the time of purchase, a maximum of five percent (5%) of the total stock portfolio of a manager may be invested in any one security.	✓			Determined by the company's weight in the S&P 500 Index
	- A stock position can be allowed to grow from five percent (5%) to a maximum of seven and one-half percent (7.5%) of market value providing there are at least 35 securities in the portfolio.	✓			Largest Holding: Exxon Mobil Corp. = 3.0%
	- A maximum of 5% of the outstanding float of shares of one company may be held.	✓			
	- The maximum allowable in any sector, as defined as Global Industry Classification System Level 1, is 2.5 times the respective benchmark weighting, unless the contract with the investment manager specifically provides otherwise.	✓			In line with Index
	- A minimum number of 35 securities shall be held.	✓			500 securities held in the portfolio
	- Meet performance of the S&P 500 Index, before fees, over a full market cycle, approximated by the most recent 5 year period.	✓			5 Year: State Street gross return was 2.1% vs. 1.9% for the S&P 500 Index

		Yes	No	N/A	Explanation
b)	<b>Gabelli SMCV</b>				
	- At the time of purchase, a maximum of five percent (5%) of the total stock portfolio of a manager may be invested in any one security.	✓			
	- A stock position can be allowed to grow from five percent (5%) to a maximum of seven and one-half percent (7.5%) of market value providing there are at least 35 securities in the portfolio.	✓			
	- A maximum of 5% of the outstanding float of shares of one company may be held.	✓			
	- The maximum allowable in any sector, as defined as Global Industry Classification System Level 1, is 2.5 times the respective benchmark weighting, unless the contract with the investment manager specifically provides otherwise.	✓			
	- A minimum number of 35 securities shall be held.	✓			
	- Outperform the Russell 2500 Value Index by 100 basis points, net of fees, over a full market cycle, approximated by the most recent 5 year period.	✓			5 Year: Gabelli net return was 7.1% vs. 3.1% for the Russell 2500 Value Index
	- Performance should rank on the top 40 <sup>th</sup> percentile of the small/mid cap peer universe over 5 years, gross of fees.	✓			5 Year: US Small/Mid Value rank was 26

		Yes	No	N/A	Explanation
<b>4. International Equity Portfolios</b>					
a)	<b>Fisher</b>				
	- At the time of purchase, a maximum of five percent (5%) of the total stock portfolio of a manager may be invested in any one security.	✓			
	- A stock position can be allowed to grow from five percent (5%) to a maximum of seven and one-half percent (7.5%) of market value providing there are at least 35 securities in the portfolio.	✓			
	- A maximum of 5% of the outstanding float of shares of one company may be held.	✓			
	- The maximum allowable in any sector, as defined as Global Industry Classification System Level 1, is 2.5 times the respective benchmark weighting, unless the contract with the investment manager specifically provides otherwise.	✓			
	- A minimum number of 35 securities shall be held.	✓			
	- Outperform the MSCI EAFE Index by 100 basis points, net of fees, over a full market cycle, approximated by the most recent 5 year period.	✓			5 Year: Fisher net return was 5.8% vs. 4.2% for the MSCI EAFE Index
	- Performance should rank on the top 40 <sup>th</sup> percentile of the international equity peer universe over 5 years, gross of fees.	✓			5 Year: All International Equity rank was 35

		Yes	No	N/A	Explanation
b)	<b>Capital Guardian</b>				
	- At the time of purchase, a maximum of five percent (5%) of the total stock portfolio of a manager may be invested in any one security.	✓			
	- A stock position can be allowed to grow from five percent (5%) to a maximum of seven and one-half percent (7.5%) of market value providing there are at least 35 securities in the portfolio.	✓			
	- A maximum of 5% of the outstanding float of shares of one company may be held.	✓			
	- The maximum allowable in any sector, as defined as Global Industry Classification System Level 1, is 2.5 times the respective benchmark weighting, unless the contract with the investment manager specifically provides otherwise.	✓			
	- A minimum number of 35 securities shall be held.	✓			
	- Outperform the MSCI EAFE Index by 100 basis points, net of fees, over a full market cycle, approximated by the most recent 5 year period.		✗		5 Year: Capital Guardian net return was 4.1% vs. 4.2% for the MSCI EAFE Index
	- Performance should rank on the top 40 <sup>th</sup> percentile of the international equity peer universe over 5 years, gross of fees.		✗		5 Year: All International Equity rank was 63

		Yes	No	N/A	Explanation
<b>5. Fixed Income Portfolios</b>					
a)	<b>Western Asset – Core Plus Mandate</b>				
	- Non-U.S. dollar denominated securities are permitted, but shall comprise no more than twenty percent (20%) of the portfolio market value. Un-hedged non-dollar denominated securities shall comprise no more than ten percent (10%) of the portfolio market value.	✓			
	- Private mortgage-backed and asset-backed securities are limited to 10% per issuer, unless the collateral is credit-independent of the issuer and the security's credit enhancement is generated internally, in which case the limit is 25% per issuer.	✓			
	- Obligations of other issuers are subject to a 10% per issuer limit excluding investments in commingled vehicles.	✓			
	- Commercial mortgage-backed securities are permitted but shall comprise no more than five percent (5%) of the portfolio market value.	✓			
	- Commercial paper of all issuers shall not exceed \$500 million.	✓			
	- Duration must fall in the range of plus or minus twenty percent (20%) of the Barclays Capital U.S. Aggregate Bond Index.	✓			
	- Minimum Issue Credit Rating will be: A1/P1 or equivalent for commercial paper B for corporate bonds AA for Mortgage-Backed Securities AA for Asset-Backed Securities Standard and Poor's, Fitch, or Moody's ratings are acceptable. Where the issue is split-rated, the lower of the ratings will apply.		✗		The portfolio holds downgraded securities.  The State Treasurer has reviewed these securities and approved retention in the portfolio pursuant to Section 12.2 of the Investment Policy.
	- Average portfolio credit quality must be A or better.	✓			
	- A maximum of twenty percent (20%) of portfolio market value may be invested in U.S. securities rated below investment grade.	✓			
	- Emerging market securities are permitted, but shall comprise no more than ten percent (10%) of the portfolio market value.	✓			
	- A minimum number of 25 securities shall be held.	✓			
	- Investments in mortgage interest only and principal only securities or their derivations are prohibited.	✓			
	- Private placements are not allowed.	✓			
	- Outperform the Barclays Capital U.S. Aggregate Bond Index by 50 basis points, net of fees, over a full market cycle, approximated by the most recent 5 year period.		✗		5 Year: Western Asset net return was 5.4% vs. 5.4% for the Barclays Capital U.S. Aggregate Bond Index
	- Performance should rank in the top 40 <sup>th</sup> percentile of a peer universe over 5 years, gross of fees.		✗		5 Year: U.S. Broad Mkt Core Fixed Income rank was 65

		Yes	No	N/A	Explanation
b)	<b>Neuberger Berman – Core Plus Mandate</b>				
	- Non-U.S. dollar denominated securities are permitted, but shall comprise no more than twenty percent (20%) of the portfolio market value. Un-hedged non-dollar denominated securities shall comprise no more than ten percent (10%) of the portfolio market value.	✓			
	- Private mortgage-backed and asset-backed securities are limited to 10% per issuer, unless the collateral is credit-independent of the issuer and the security's credit enhancement is generated internally, in which case the limit is 25% per issuer.	✓			
	- Obligations of other issuers are subject to a 10% per issuer limit excluding investments in commingled vehicles.	✓			
	- Commercial mortgage-backed securities are permitted but shall comprise no more than five percent (5%) of the portfolio market value.		✗		For the period ended 03/31/2010, the portfolio held slightly more than the maximum 5% permitted in CMBS securities; this overage was remedied on 04/20/2010.
	- Commercial paper of all issuers shall not exceed \$500 million.	✓			
	- Duration must fall in the range of plus or minus twenty percent (20%) of the Barclays Capital U.S. Aggregate Bond Index.	✓			
	- Minimum Issue Credit Rating will be: A1/P1 or equivalent for commercial paper B for corporate bonds AA for Mortgage-Backed Securities AA for Asset-Backed Securities Standard and Poor's, Fitch, or Moody's ratings are acceptable. Where the issue is split-rated, the lower of the ratings will apply.		✗		The portfolio holds downgraded securities.  The State Treasurer has reviewed these securities and approved retention in the portfolio pursuant to Section 12.2 of the Investment Policy.
	- Average portfolio credit quality must be A or better.	✓			
	- A maximum of twenty percent (20%) of portfolio market value may be invested in U.S. securities rated below investment grade.	✓			
	- Emerging market securities are permitted, but shall comprise no more than ten percent (10%) of the portfolio market value.	✓			
	- A minimum number of 25 securities shall be held.	✓			
	- Investments in mortgage interest only and principal only securities or their derivations are prohibited.	✓			
	- Private placements are not allowed.	✓			
	- Outperform the Barclays Capital U.S. Aggregate Bond Index by 50 basis points, net of fees, over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 3/2006
	- Performance should rank in the top 40 <sup>th</sup> percentile of a peer universe over 5 years, gross of fees.			N/A	Inception date: 3/2006

		Yes	No	N/A	Explanation
c)	<b>PIMCO – Core Plus Mandate</b>				
	- Non-U.S. dollar denominated securities are permitted, but shall comprise no more than twenty percent (20%) of the portfolio market value. Un-hedged non-dollar denominated securities shall comprise no more than ten percent (10%) of the portfolio market value.	✓			
	- Private mortgage-backed and asset-backed securities are limited to 10% per issuer, unless the collateral is credit-independent of the issuer and the security's credit enhancement is generated internally, in which case the limit is 25% per issuer.	✓			
	- Obligations of other issuers are subject to a 10% per issuer limit excluding investments in commingled vehicles.	✓			
	- Commercial mortgage-backed securities are permitted but shall comprise no more than five percent (5%) of the portfolio market value.	✓			
	- Commercial paper of all issuers shall not exceed \$500 million.	✓			
	- Duration must fall in the range of plus or minus twenty percent (20%) of the Barclays Capital U.S. Aggregate Bond Index.	✓			
	- Minimum Issue Credit Rating will be: A1/P1 or equivalent for commercial paper B for corporate bonds AA for Mortgage-Backed Securities AA for Asset-Backed Securities Standard and Poor's, Fitch, or Moody's ratings are acceptable. Where the issue is split-rated, the lower of the ratings will apply.	✓			
	- Average portfolio credit quality must be A or better.	✓			
	- A maximum of twenty percent (20%) of portfolio market value may be invested in U.S. securities rated below investment grade.	✓			
	- Emerging market securities are permitted, but shall comprise no more than ten percent (10%) of the portfolio market value.	✓			
	- A minimum number of 25 securities shall be held.	✓			
	- Investments in mortgage interest only and principal only securities or their derivations are prohibited.	✓			
	- Private placements are not allowed.	✓			
	- Outperform the Barclays Capital U.S. Aggregate Bond Index by 50 basis points, net of fees, over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 5/2006
	- Performance should rank in the top 40 <sup>th</sup> percentile of a peer universe over 5 years, gross of fees.			N/A	Inception date: 5/2006

		Yes	No	N/A	Explanation
d)	<b>PIMCO – Mortgage Mandate</b>				
	- Obligations of specific issuers are subject to a ten percent (10%) per issuer limit, excluding investments in commingled vehicles and U.S. agencies.	✓			
	- Duration must fall in the range of plus or minus twenty percent (20%) of the Barclays Capital U.S. MBS Index.	✓			
	- Minimum Issue Credit Rating will be: A1/P1 or equivalent for commercial paper BBB for individual securities Standard and Poor’s, Fitch, or Moody’s ratings are acceptable. Where the issue is split-rated, the lower of the ratings will apply.	✓			
	- Average portfolio credit quality must be AA or better.	✓			
	- Futures, options, and/or swaps are permitted for purposes of managing duration, yield curve, and sector risk, and as a substitute for cash securities, subject to Section 10 of this policy.	✓			
	- Outperform the Barclays Capital U.S. MBS Index by 50 basis points, net of fees over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 5/2006
	- Performance should rank in the top 40 <sup>th</sup> percentile of a peer manager universe, as measured by the State’s Consultant over 5 years, gross of fees.			N/A	Inception date: 5/2006

		Yes	No	N/A	Explanation
e)	<b>JP Morgan – Mortgage Mandate</b>				
	- Obligations of specific issuers are subject to a ten percent (10%) per issuer limit, excluding investments in commingled vehicles and U.S. agencies.	✓			
	- Duration must fall in the range of plus or minus twenty percent (20%) of the Barclays Capital Mortgage Index.	✓			
	- Minimum Issue Credit Rating will be: A1/P1 or equivalent for commercial paper BBB for individual securities Standard and Poor’s, Fitch, or Moody’s ratings are acceptable. Where the issue is split-rated, the lower of the ratings will apply.		✗		The portfolio holds downgraded securities.  The State Treasurer has reviewed these securities and approved retention in the portfolio pursuant to Section 12.2 of the Investment Policy.
	- Average portfolio credit quality must be AA or better.	✓			
	- Futures, options, and/or swaps are permitted for purposes of managing duration, yield curve, and sector risk, and as a substitute for cash securities, subject to Section 10 of this policy.	✓			
	- Outperform the Barclays Capital Mortgage Index by 50 basis points, net of fees, over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 5/2006
	- Performance should rank in the top 40 <sup>th</sup> percentile of a peer manager universe, as measured by the State’s Consultant over 5 years, gross of fees.			N/A	Inception date: 5/2006

		Yes	No	N/A	Explanation
f)	<b>Western Asset – Corporates Mandate</b>				
	- Obligations of specific issuers are subject to a ten percent (10%) per issuer limit, excluding investments in commingled vehicles.	✓			
	- Duration must fall in the range of plus or minus twenty percent (20%) of the Barclays Capital Credit Index.	✓			
	- Minimum Issue Credit Rating will be: A1/P1 or equivalent for commercial paper B for individual securities Standard and Poor’s, Fitch, or Moody’s ratings are acceptable. Where the issue is split-rated, the lower of the ratings will apply.		✗		The portfolio holds downgraded securities.  The State Treasurer has reviewed these securities and approved retention in the portfolio pursuant to Section 12.2 of the Investment Policy.
	- Average portfolio credit quality must be A or better.		✗		Average portfolio credit quality is A-.
	- A maximum of ten percent (10%) of portfolio market value may be invested in U.S. securities rated below investment grade.		✗		Due to a coding error the concentration went out of compliance beginning on 12/04/2009. The concentration was brought back into compliance on 04/23/2010 with no negative financial impact to the account.
	- Future, options, and/or swaps are permitted for purposes of managing duration, yield curve, and sector risk, and as a substitute for cash securities, subject to Section 10 of this policy.	✓			
	- Outperform the Barclays Capital Credit Index by 50 basis points, net of fees, over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 5/2006
	- Performance should rank in the top 40 <sup>th</sup> percentile of a peer manager universe measured by the State’s Consultant, over 5 years, gross of fees.			N/A	Inception date: 5/2006

		Yes	No	N/A	Explanation
g)	<b>Logan Circle – Corporates Mandate</b>				
	- Obligations of specific issuers are subject to a ten percent (10%) per issuer limit, excluding investments in commingled vehicles.	✓			
	- Duration must fall in the range of plus or minus twenty percent (20%) of the Barclays Capital Credit Index.	✓			
	- Minimum Issue Credit Rating will be: A1/P1 or equivalent for commercial paper B for individual securities Standard and Poor’s, Fitch, or Moody’s ratings are acceptable. Where the issue is split-rated, the lower of the ratings will apply.		✗		The portfolio holds downgraded securities.  The State Treasurer has reviewed these securities and approved retention in the portfolio pursuant to Section 12.2 of the Investment Policy.
	- Average portfolio credit quality must be A or better.		✗		Due to downgrades, average portfolio quality is A-.
	- A maximum of ten percent (10%) of portfolio market value may be invested in U.S. securities rated below investment grade.		✗		Due to downgrades, 11.3% of the portfolio is rated below investment grade.
	- Future, options, and/or swaps are permitted for purposes of managing duration, yield curve, and sector risk, and as a substitute for cash securities, subject to Section 10 of this policy.	✓			
	- Outperform the Barclays Capital Credit Index by 50 basis points, net of fees, over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 5/2006
	- Performance should rank in the top 40 <sup>th</sup> percentile of a peer manager universe measured by the State’s Consultant, over 5 years, gross of fees.			N/A	Inception date: 5/2006

		Yes	No	N/A	Explanation
h)	<b>PIMCO – Global/Emerging Markets Mandate</b>				
	- Obligations of specific issuers are subject to a ten percent (10%) per issuer limit, excluding sovereign debt of Organization for Economic Co-operation and Development (OECD) governments, U.S. agencies, and investments in commingled vehicles.	✓			
	- Duration must fall in the range of plus or minus twenty percent (20%) of the Global/EM Benchmark.	✓			
	- Minimum Issue Credit Rating will be: A2/P2 or equivalent for commercial paper B- for individual securities Standard and Poor's, Fitch, or Moody's ratings are acceptable. Where the issue is split-rated, the lower of the ratings will apply.	✓			
	- Average portfolio credit quality must be BBB or better.	✓			
	- A maximum of forty percent (40%) of portfolio market value may be invested in securities rated below investment grade.	✓			
	- Futures, options, and/or swaps are permitted for purposes of managing duration, yield curve, and sector risk, and as a substitute for cash securities, subject to Section 10 of this policy.	✓			
	- The investment manager, as part of managing the account, can take investment positions in currency and currency forwards, futures and options so long as seventy percent (70%) of the overall currency exposure is hedged to the U.S. dollar.	✓			
	- Outperform the Global/EM Benchmark by 50 basis points, net of fees, over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 5/2006
	- Performance should rank in the top 40 <sup>th</sup> percentile of a peer manager universe, as measured by the State's Consultant over 5 years, gross of fees.			N/A	Inception date: 5/2006

		Yes	No	N/A	Explanation
<b>6. Convertible Bond Portfolios</b>					
a)	<b>Nicholas Applegate</b>				
	- Performance must exceed BofA ML All Quality Convertible Bond Index by 100 basis points, net of fees, over a full market cycle, approximated by the most recent 5 year period.	✓			5 Year: Nicholas Applegate net return was 8.5% vs. 4.8% for the BofA ML All Quality Convertible Bond Index

		Yes	No	N/A	Explanation
<b>7. Cash and Cash Equivalents Portfolios</b>					
a)	<b>JP Morgan Treasury Cash</b>				
	- Portfolio's weighted average maturity is not to exceed 90 days.	✓			
	- Portfolio's maximum average cash flow weighted duration of the portfolio must not exceed 90 days.	✓			
	- The market value of the portfolio must remain within plus or minus ½ of 1% of amortized cost.	✓			
	- A maximum of 10% of total assets shall be placed in the securities of one issuer except for government securities.	✓			
	- Investment in any single issuer must not exceed 5% of the outstanding issues of that issuer.	✓			
	- Investment performance must exceed Monitored Repurchase Agreement Rate plus 15 basis points and the cash equivalents allocation by the 90-day T-Bill rate net of fees over a full market cycle, approximated by the most recent 5 year period.	✓			

		Yes	No	N/A	Explanation
b)	<b>JP Morgan Wyo-Star Cash</b>				
	- Portfolio's weighted average maturity is not to exceed 90 days.	✓			
	- Portfolio's maximum average cash flow weighted duration of the portfolio must not exceed 90 days.	✓			
	- The market value of the portfolio must remain within plus or minus ½ of 1% of amortized cost.	✓			
	- A maximum of 10% of total assets shall be placed in the securities of one issuer except for government securities.	✓			
	- Investment in any single issuer must not exceed 5% of the outstanding issues of that issuer.	✓			
	- Investment performance must exceed Monitored Repurchase Agreement Rate plus 15 basis points and the cash equivalents allocation by the 90-day T-Bill rate, net of fees, over a full market cycle, approximated by the most recent 5 year period.	✓			

		Yes	No	N/A	Explanation
c)	<b>JP Morgan Treasury Extended Cash</b>				
	- Portfolio's average cash flow weighted duration is not to exceed 3 years.	✓			
	- Average cash flow weighted duration is not to exceed 3 years.	✓			
	- Individual securities must not exceed cash flow weighted duration of greater than 5 years.	✓			
	- A maximum of 10% of total assets shall be placed in the securities of one issuer except for government securities.	✓			
	- Investment Performance must exceed an Equal Weighted Blend of the BofA Merrill Lynch 1-3 Year Agency, 1-3 Year Treasury, and a 0-3 Year Mortgage Index, net of fees, over a full market cycle, approximated by the most recent 5 year period.		✗		5 Year: JP Morgan returned 4.6% vs. 5.0% for the Blended Index
	- The extended portfolio must not exceed 35% of the total JP Morgan managed portfolio.	✓			

		Yes	No	N/A	Explanation
d)	<b>JP Morgan Wyo-Star Extended Cash</b>				
	- Portfolio's average cash flow weighted duration is not to exceed 3 years.	✓			
	- Average cash flow weighted duration is not to exceed 3 years.	✓			
	- Individual securities must not exceed cash flow weighted duration of greater than 5 years.	✓			
	- A maximum of 10% of total assets shall be placed in the securities of one issuer except for government securities.	✓			
	- Investment Performance must exceed an Equal Weighted Blend of the BofA Merrill Lynch 1-3 Year Agency, 1-3 Year Treasury, and a 0-3 Year Mortgage Index, net of fees, over a full market cycle, approximated by the most recent 5 year period.		✗		5 Year: JP Morgan returned 4.8% vs. 5.0% for the Blended Index
	- The extended portfolio must not exceed 35% of the total JP Morgan managed portfolio.	✓			

		Yes	No	N/A	Explanation
<b>8. Alternative Strategies</b>					
<b>Core Real Estate</b>					
a)	<b>ING Clarion Core Real Estate</b>				
	- Outperform the NCREIF Fund Index – Open-End Diversified Core Equity (NFI-ODCE) by 75 basis points, net of fees, over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 1/2006
b)	<b>UBS Core Real Estate</b>				
	- Outperform the NCREIF Fund Index – Open-End Diversified Core Equity (NFI-ODCE) by 75 basis points, net of fees, over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 7/2006
<b>Absolute Return</b>					
c)	<b>PAAMCO</b>				
	- Outperform the 90-Day T-Bills by 500 basis points, net of all fees (including underlying fund manager fees), over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 12/2007
	- Outperform the HFN Fund of Funds Multi-Strategy Index net of all fees (including underlying fund manager fees), over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 12/2007
d)	<b>Aurora L.P.</b>				
	- Outperform the 90-Day T-Bills by 500 basis points, net of all fees (including underlying fund manager fees), over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 1/2008
	- Outperform the HFN Fund of Funds Multi-Strategy Index net of all fees (including underlying fund manager fees), over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 1/2008

		Yes	No	N/A	Explanation
e)	<b>Aurora L.P. II</b>				
	- Outperform the 90-Day T-Bills by 500 basis points, net of all fees (including underlying fund manager fees), over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 7/2009
	- Outperform the HFN Fund of Funds Multi-Strategy Index net of all fees (including underlying fund manager fees), over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 7/2009

f)	<b>Grosvenor Global Recovery Fund</b>				
	- Outperform the Global Recovery Custom Index, net of all fees (including underlying fund manager fees), over a full market cycle, approximated by the most recent 5 year period.			N/A	Inception date: 1/2010

**Wyoming State Treasurer's Office**  
**Addendum**  
**As of March 31, 2010**

**Custom Benchmark Comments**

The Wyoming State Actual Allocation Index is calculated using beginning month asset class weights applied to the appropriate asset class benchmark, using the S&P 500 to represent domestic large cap equities, Russell 2500 Index for domestic small/mid cap equities, MSCI EAFE for international equities, Barclays Capital US Aggregate Bond Index for fixed income, BofA Merrill Lynch All Convertibles Index (All Qualities) for convertible bonds, NCREIF Open-End Diversified Core Equity for core real estate, NCREIF Property Index for value-added real estate, the State's actual private equity investment returns for private equity, HFN Fund of Funds Multi-Strat Index for absolute return, and 90 day T-Bill rate for cash equivalents.

Pooled Fund actual allocation indices are calculated using beginning month asset class weights applied to the appropriate asset class benchmark, using the S&P 500 to represent domestic large cap equities, Russell 2500 Index for domestic small/mid cap equities, MSCI EAFE for international equities, Barclays Capital US Aggregate Bond Index for fixed income, BofA Merrill Lynch All Convertibles Index (All Qualities) for convertible bonds, NCREIF Open-End Diversified Core Equity for core real estate, NCREIF Property Index for value-added real estate, the State's actual private equity investment returns for private equity, HFN Fund of Funds Multi-Strat Index for absolute return, and the State Agency Pool Custom Index for the State Agency Pool allocation.

The Global/EM Custom Index is comprised of 32.5% Barclays Capital Aggregate ex-US Hedged, 5% Barclays Capital Aggregate ex-US Unhedged, 47.5% JP Morgan EMBI Global, and 15% JP Morgan GBI-EM Global Diversified Unhedged.

The JP Morgan Blended Index is comprised of an equal weighted allocation to the BofA Merrill Lynch 1-3 Year US Treasury Index, BofA Merrill Lynch 1-3 Year US Agencies Index, and BofA Merrill Lynch 0-3 Year Weighted Average Life Mortgage Index.

The Global Recovery Custom Index consists of 50% Credit Suisse Distressed Index, 20% Credit Suisse High Yield Index and 30% ABX Index.

**Performance & Holding Comments**

Performance shown for Pooled Funds is calculated on a capital weighted basis using beginning-period allocations and does not reflect net cash flows.

Performance shown for the UW Portfolio Management Program prior to 07/01/2009 includes their participation in the State Agency Pool.

Where stated, allocations to fixed income include convertibles and LDIs & Other Wyoming Investments.

In accordance with GIPS, performance for investment managers and composites is calculated using different methodologies. For additional information, please see the Glossary.

Due to portfolio turnover, buy and hold attribution may not accurately represent quarterly performance relative to the benchmark.

PIMCO refers to the World Bank's definition in classifying countries as either Developed or Emerging based on their level of GDP per capital. Currently, over 150 countries and nations are classified as Emerging by the World Bank.

**Alternative Investment Comments**

Reporting for Private Equity performance was changed from cost basis to the latest portfolio valuation adjusted for cash flows, consistent with supplementary alternatives report. This methodology change involved reflecting the difference between cost value and the most recent valuation, resulting in a significant positive performance impact on the total fund during 2nd quarter 2008.

**Wyoming State Treasurer's Office**  
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Market values for non-core real estate and private equity are on a one-quarter lag due to available valuations. However, Investment (Cost) Values are not lagged.

Performance for Private Equity and Value-Added Real Estate investments is calculated on an IRR basis. For further analysis, please refer to the supplementary alternatives performance report.

Cheyenne Capital Fund valuations set forth herein could be materially different once underlying investments are realized. Market conditions at the time of exit could be substantially different than at the reporting period, resulting in valuations different than those represented above.

WestRiver RE Finance Fund, L.P. called their initial drawdown in March 2010. Due to a one-quarter lag in available valuations, a market value for the fund will be available starting with the second quarter 2010.

**Miscellaneous Comments**

Wyoming State Treasurer's Office fiscal year ends on June 30th.

Fixed Income style peer groups have low populations, and may cause ranks to change significantly from quarter to quarter.

First Quadrant overlay strategy has been deactivated and the collateral amount has been disbursed.

On January 1, 2010, the purchase of Merrill Lynch & Co., Inc. by Bank of America Corporation was completed. All Merrill Lynch products and indices now include the Bank of America name.

**Glossary**  
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**Alpha** - A measure of the difference between a portfolio's actual returns and its expected performance, given its level of risk as measured by beta. It is a measure of the portfolio's historical performance not explained by movements of the market or a portfolio's non-systematic return.

**Alpha Ratio** - A measure of a portfolio's non-systematic return per unit of downside risk. It is measured by dividing the alpha of a portfolio by the downside risk. The non-systematic return is a measure of a portfolio's historical performance not explained by movements of the market.

**Average Quality** - Bond quality ratings are reported using the investment managers' and the index providers' preferred rating agency. There are two primary rating agencies in the U.S. *Moody's* assigns ratings on a system that employs up to four symbols (consisting of letters and numbers) such as, Aaa, Aa2, etc., with Aaa being the highest or safest rating. *Standard & Poor's (S&P)* employs a system that uses + and - along with letters such as AAA, AA+, etc. The two rating agencies' systems are summarized below:

<u>S&amp;P</u>	<u>Moody's</u>	<u>Explanation</u>
<b>Higher Credit Quality - Investment Grade</b>		
AAA	Aaa	Prime/Highest credit quality
AA+	Aa1	High credit quality
AA	Aa2	
AA-	Aa3	
A+	A1	Upper-medium credit quality
A	A2	
A-	A3	
BBB+	Baa1	Lower-medium credit quality
BBB	Baa2	
BBB-	Baa3	
<b>Lower Credit Quality - Below Investment Grade</b>		
BB+	Ba1	Speculative/Low credit quality
BB	Ba2	
BB-	Ba3	
B+	B1	Highly speculative
B	B2	
B-	B3	
CCC+	Caa1	Substantial credit/default risk
CCC	Caa2	Extremely speculative
CCC-	Caa3	
CC	Ca	Vulnerable to default
C	Ca	
D	C	In default

**Beta** - A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of a portfolio's non-diversifiable or systematic risk.

**Book Value Return** - Used by stable value and Guaranteed Investment Contracts (GIC) investments that are not valued daily. Book value returns are calculated based on the crediting rate set by the fund and guaranteed by the insurance wrap provider.

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**Buy and Hold Attribution** - At the beginning of the time period under analysis, the manager and benchmark portfolios are broken down into segments (i.e., styles, sectors, countries, and regions) based on the desired type of attribution. The formula assumes zero turn-over to the manager and benchmark portfolios throughout the period and calculates the segment returns ("buy and hold returns") to arrive at performance attribution. Due to portfolio turnover, buy and hold attribution may not accurately represent quarterly performance relative to the benchmark. Buy and hold attribution may also understate emerging markets and small cap exposure due to limited pricing availability from Worldscope. Country, region, sector, and style allocations are as of the date one quarter prior to the reporting date, and the returns shown are for those segments throughout the quarter reported. Due to disclosure guidelines set by each investment manager, equity characteristics shown are as of the most recent date available. The following is the methodology for segment classification:

- **Sector** - Attribution is calculated using the Industry Classification Benchmark (ICB), which is a detailed and comprehensive structure for sector and industry analysis. Stocks are classified by their primary sector, as defined by Worldscope data.
- **Country/Region** - Attribution is calculated using the Morgan Stanley Capital International (MSCI) region standards. Stocks are classified by their domicile country/region, as defined by Worldscope data.
- **Style** - Stocks are classified into the following style boxes: large/mid/small vs. growth/neutral/value. Stocks are classified along large/mid/small categories at the time of the Russell index rebalancing, using the index market cap boundaries as cutoff points. Stocks are classified along growth/neutral/value categories at the time of the Russell index rebalancing, using the price/book ratio as supplied by Worldscope. Stocks in the Russell 3000 Index portfolio are sorted by price/book ratio; names with the highest price/book ratio that make up 1/3 of the total market capitalization are assigned to the growth category, names that make up the subsequent 1/3 of the total market capitalization are assigned to the neutral category, while the balance of the names are assigned to the value category.

Portfolio Characteristics and Buy and Hold Attribution reports utilize product-specific data for all mutual funds and commingled funds.

**Consistency** - The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. The higher the consistency figure, the more value a manager has contributed to the product's performance.

**Convexity** - A measure of the shape of the curve that describes the relationship between bond prices and bond yields.

**Coupon Rate** - The percentage rate of interest paid on a bond or fixed income security; it is typically paid twice per year.

**Current Yield** - The annual income of a security divided by the security's current price.

**Down Market Capture** - Down market by definition is negative benchmark return and down market capture represents the ratio in % terms of the average portfolios return over the benchmark during the down market period. The lower the value of the down market capture the better the product's performance.

**Downside Risk** - A measure similar to standard deviation, but focuses only on the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. The higher the factor, the riskier the product.

**Earnings Per Share** - It is backward looking, calculated using the one year current EPS divided by the one year EPS five years ago.

**Excess Return vs. Market** - Average of the monthly arithmetic difference between the manager's return and the benchmark return over a specified time period, shown on an annualized basis.



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**Market Value Return** - The returns associated with the underlying assets of a portfolio used to support the book value return provided to investors. For stable value investments, the market value return is representative of the performance of the portfolio as a daily-valued investment, but is purely for illustrative purposes. The investor instead earns the stated book value return.

**Modified Duration** - The approximate percentage change in a bond's price for a 100 basis point change in yield.

**Net Cash Flow** - The sum, in dollars, of a portfolio's contributions and withdrawals. This includes all management fees and expenses only when performance shown is gross of fees.

**Peer Groups -**

**Plan Sponsor Peer Groups** - RVK utilizes the Mellon Analytical Solutions Trust Universe along with the Rogerscasey Plan Sponsor Universe. The combined Mellon Analytical Solutions Trust Universe and Rogerscasey Plan Sponsor Universe is used for comparison of total fund composite results and utilizes actual client returns compiled from consultant and custodial data. The Plan Sponsor Peer Group database includes performance and other quantitative data for over 1,273 plans which include corporate, endowment, foundation, public, and Taft Hartley plans, across 6 standard peer groups. Plan Sponsor Peer Groups are gross of fees.

**Separate Account (SA) and Commingled Fund (CF) Peer Groups** - RVK utilizes the Rogerscasey Separate Account and Commingled Fund Manager Peer Groups for peer comparison and rankings. The Separate Account and Commingled Fund Peer Group database includes performance and other quantitative data for over 1,009 investment management firms, 4,999 investment products, across 148 standard peer groups. Separate Account and Commingled Fund Peer Groups are gross of fees.

**Mutual Fund (MF) Peer Groups** - RVK utilizes the Lipper Mutual Fund Manager Peer Groups for peer comparison and rankings. The Lipper Manager Peer Group database includes performance and other quantitative data for over 636 investment management firms, 23,637 investment products, across 127 standard peer groups. Mutual Fund Peer Groups are net of fees.

**Percentile Rankings** - Percentile rank compares an individual fund's performance with those of other funds within a defined peer group of managers possessing a similar investment style. Percentile rank identifies the percentage of a fund's peer group that has a higher return (or other comparative measurement) than the fund being ranked. Conversely, 100 minus the individual fund's ranking will identify the percentage of funds within the peer group that have a lower return than the fund being ranked.

1 - Highest Statistical Value  
100 - Lowest Statistical Value

*Example: American Funds AMCP;R-4 (RAFEX) is ranked in the 4<sup>th</sup> percentile within the US Equity Large-Cap Growth Funds (MF) Peer Group for the Sharpe Ratio. Within the US Equity Large-Cap Growth Funds peer group, 4% of the other funds performed better than American Funds AMCP;R-4 (RAFEX), while 96% of the funds performed worse.*

**Performance Methodology** - In accordance with the Global Investment Performance Standards (GIPS), RVK calculates a time-weighted total rate of return for each manager by revaluing the portfolio on the date of all large external cash flows. Performance is calculated for interim periods between all large external cash flows for a given month and geometrically linked to calculate period returns. An external cash flow is defined as cash, securities, or assets that enter or exit a portfolio. RVK defines a "large cash flow" as a net aggregate cash flow of  $\geq 10\%$  of the beginning-period portfolio market value or any cash flow that causes RVK calculated performance to deviate from manager/custodian reported performance in excess of 5 basis points for a given month.

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The Modified Dietz methodology is utilized to calculate asset class, sub-asset class, and total fund composite performance. The Modified Dietz method calculates a time-weighted total rate of return that considers the timing of external cash flows; however, it does not utilize interim period performance to mitigate the impact of significant cash in- and outflows to the composite.

RVK calculates performance beginning with the first full month following inception. Since inception performance may vary from manager reported performance due to RVK using the first full month of returns as the inception date. Performance for both managers and composites is annualized for periods greater than one year.

**Portfolio Characteristics** - Due to disclosure guidelines set by each investment manager, portfolio characteristics shown are as of the most recent date available.

**Portfolio Duration** - The weighted average duration of all the bonds in a given portfolio, weighted by their dollar values.

**Region Attribution** - Calculated using the Morgan Stanley Capital International (MSCI) region standards.

**Return** - Compounded rate of return for the period.

**%Return** - The time-weighted rate of return of a portfolio for a given period.

**R-Squared** - The percentage of a portfolio's performance explained by the behavior of the appropriate benchmark. High R-Squared means a higher correlation of the portfolio's performance to the appropriate benchmark.

**Risk Free Benchmark** - BofA ML 3 Mo US T-Bill Index unless specified otherwise.

**Sector Attribution** - Calculated using the Industry Classification Benchmark (ICB).

**Sharpe Ratio** - Represents the excess rate of return over the risk-free return (i.e., BofA ML 3 Mo US T-Bill Index unless specified otherwise), divided by the standard deviation of the excess return. The result is the absolute rate of return per unit of risk. The higher the value, the better the product's historical risk-adjusted performance.

**Simple Alpha** - The difference between the manager's return and the benchmark's return.

**Spread Duration** - A measure of the price sensitivity of a bond to a 100 basis-point movement of the bond's spread relative to Treasuries.

**Standard Deviation** - A statistical measure of the range of a portfolio's performance. The variability of a return around its average return over a specified time period.

**Time Period Abbreviations -**

**QTD** - Quarter-to-Date

**CYTD** - Calendar Year-to-Date

**FYTD** - Fiscal Year-to-Date

**Total Fund Attribution** - A method for identifying the sources of a total fund's over- or underperformance relative to its benchmark. The calculation identifies the contributions of positive or negative total fund excess return caused by allocation differences relative to the total fund's custom benchmark, and performance differences of the investment managers relative to the benchmark components that represent them.

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**Total Fund Performance -**

**Total Fund** - The percentage return of the total fund for the specified time period.

**Total Fund Benchmark** - The percentage return of the total fund benchmark for the specified time period; calculated using the target asset allocation and the corresponding benchmark returns.

**Total Value Added** - The percentage of over- or underperformance of the total fund as compared to the total fund benchmark.

**Total Value Added -**

**Asset Allocation** - Shows how the variance of the total fund's actual allocation from its target allocation added to or subtracted from fund performance.

**Manager Value Added** - The portion of the total value added attributable to the outperformance or underperformance of the fund's investment managers, relative to the individual benchmarks that represent them in the total fund benchmark.

**Market Timing/Other** - The contribution of other residual factors, including estimation error and transaction timing.

**Total Fund Beta** - Total Fund Beta is calculated using the S&P 500 as the benchmark. It represents a measure of the sensitivity of the total fund to movements in the S&P 500 and is a measure of the Total Fund's non-diversifiable or systematic risk.

**Tracking Error** - A measure of the standard deviation of a portfolio's performance relative to the performance of an appropriate market benchmark.

**Treynor Ratio** - Similar to Sharpe ratio, but focuses on beta rather than excess risk (standard deviation). Treynor ratio represents the excess rate of return over the risk-free rate (i.e., BofA ML 3 Mo US T-Bill Index unless specified otherwise) divided by the beta. The result is the absolute rate of return per unit of risk. The higher the value, the better the product's historical risk-adjusted performance.

**Unit Value** - The dollar value of a portfolio, assuming an initial nominal investment of \$100, growing at the compounded rate of %Return for a given period.

**Up Market Capture** - Up market by definition is positive benchmark return and up market capture represents the ratio in % terms of the average portfolios return over the benchmark during the up market period. The higher the value of the up market capture the better the product's performance.

**Yield to Maturity** - The rate of return achieved on a bond or other fixed income security assuming the security is bought and held to maturity and that the coupon interest paid over the life of the bond will be reinvested at the same rate of return.

**Yield to Worst** - The bond yield calculated by using the worst possible yield taking into consideration all call, put, and optional sink dates.