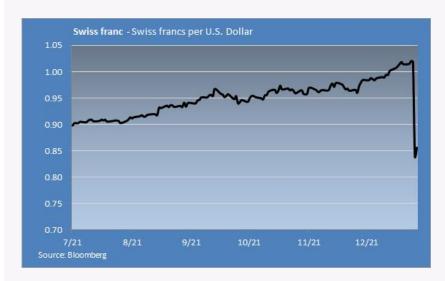


### **Chart of the Week**



# **Weekly Highlights**

- Domestic stock prices were lower this week. Broad equity indices ended sharply lower, in part due to turmoil in the currency markets. The Swiss central bank on Thursday roiled markets by unexpectedly removing the cap on the Swiss franc relative to the euro. In addition, copper was the latest commodity to see prices tumble, fueling concern about global deflation. The S&P 500 declined each of the first four trading days this week.
- Global markets were varied on the week. World markets
  were mixed on the week, but on balance fared better than
  domestic U.S. markets. European stocks rose to their highest
  level since 2008 on gains by oil producers. Swiss stocks were
  the week's biggest decliner, shedding more than 13%
  following the surprise move by the Swiss central bank to
  uncap the franc.
- Treasury prices were sharply higher for the week. The yield on the benchmark 10-year U.S. Treasury plunged, as investors sought the relative safe haven of U.S. securities in the midst of the currency tumult this week.
- Commodity indices tumbled again this week. Crude oil declined, and copper dropped almost 8%, but grains advanced.

#### **Talking Points**

- Among equities, large-caps outperformed small-caps, and growth stocks outperformed valueoriented issues. Domestic stocks underperformed international equities. Developed markets outperformed emerging market stocks.
- Treasury prices were higher this week. The yield on the 10-year Tnote declined sharply.
- Commodity prices fell again on the week. Energy declined; copper plunged; and grains were higher.
- The dollar was higher this week against a basket of currencies.
- Among economic data released this week, consumer prices dropped the most in six years in December; producer prices declined less than forecast; a measure of consumer sentiment rose to an 11-year high; retail sales in December slumped the most in almost a year; and initial jobless claims unexpectedly jumped to a four-month high in the latest week.

# **MARKET DASHBOARD**

	Last Price	Change	% Chg.	YTD %
S&P 500	2,019.42	-40.27	-1.97%	-2.6%
Dow Industrials	17,511.57	-367.02	-2.07%	-2.5%
Nasdaq	4,634.38	-106.41	-2.26%	-2.9%
Russell 2000	1,176.66	-20.75	-1.75%	-3.3%
Euro Stoxx Index	352.40	13.71	4.06%	2.7%
Shanghai Composite	3,376.50	91.08	2.77%	4.4%
Russell Global	1,696.74	-17.09	-1.00%	-2.3%

Source: Bloomberg; Index % change is based on price.

	Last Price	Change	% Chg.	YTD %
Russell Global EM	2,987.59	-8.55	-0.29%	0.2%
10-Year US Treas.	1.82	-15 bps	NM	NM
DJ UBS Comm. ldx.	103.31	-1.26	-1.21%	-1.9%
Gold	\$1,279.15	\$53.00	4.33%	7.8%
Crude Oil	\$48.30	-\$0.94	-1.94%	-11.0%
Dollar Index	92.64	1.00	1.09%	3.0%
VIX Index	21.24	4.84	27.58%	16.6%

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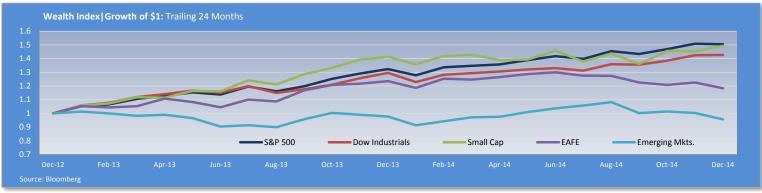
		One Week	<
	Value		Growth
L	-2.23%	-1.97%	-1.71%
	-1.39%	-1.88%	-2.33%
S	-1.29%	-1.75%	-2.20%

	YTD			
Value	Growth			
-3.26%	-2.69%	-2.12%		
-1.79%	-2.39%	-2.96%		
-3.49%	-3.30%	-3.12%		

Source: Bloomberg

	% Wgt in	Week %	
	S&P 500	Chg.	YTD % Chg
Consumer Discretionary	11.9	- <mark>2.</mark> 54%	-4 39
Consumer Staples	10.2	-0.07%	129
Energy	8.2	<b>-2.</b> 58%	-5 7%
Financials	16.1	<del>-3.</del> 59%	99
Health Care	14.9	- <mark>0.</mark> 94%	1 79
Industrials	10.2	<u>-2.</u> 17%	- <mark>4</mark> 3%
Information Technology	19.5	<del>-3.</del> 06%	- <mark>3</mark> 49
Materials	3.2	<mark>-2.</mark> 32%	- <mark>2</mark> 7%
Telecom Services	2.4	1.26%	0 69
Utilities	3.4	2.06%	2 59





#### THE ECONOMY AND MARKETS

# A Macro View - Investing Beyond Beta

Equity markets enter 2015 riding a string of six consecutive yearly gains. The S&P 500 has gained more than 156% over that period in a relatively low volatility environment, making it difficult for active managers to have outperformed the benchmarks. While the pendulum will inevitably swing back in favor of active management, perhaps coincident with a general rise in market volatility, the central theses behind passive investing – obtaining efficient exposure to the primary drivers of investment return and diversification – will remain in place irrespective of the market environment.

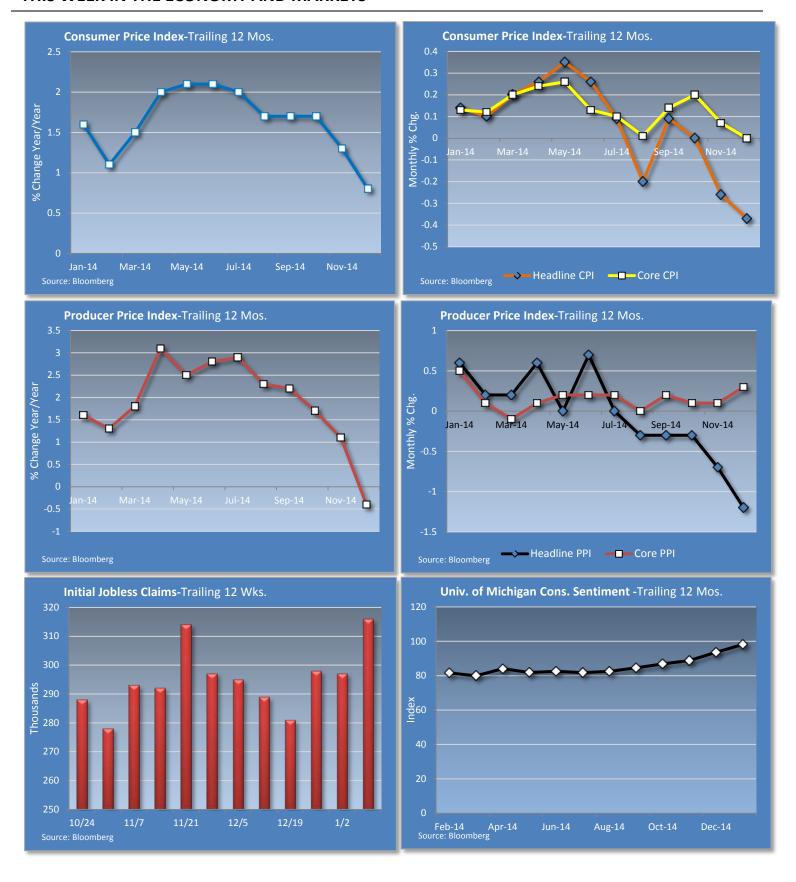
Because traditional active managers have performed so poorly relative to the benchmarks over the past several years there has been an increasing emphasis placed on so-called "smart beta" strategies, wherein the typical market capitalization-weighting of constituents in traditional indexes is tweaked to provide superior returns without active security selection. A prime example of such smart beta approaches includes equal-weighting the indexes. There are many other such strategies that focus on overweighting high-dividend stocks, and other approaches using fundamental data.

Over the past few decades there has been a significant body of academic research conducted which have identified key drivers of investment return. These return factors, often called style premia because they tend to generate excess returns, include momentum, value, profitability and illiquidity, among others. Constructing portfolios with active weights to these factors, rather than individual securities, has been shown to generate excess returns over time. So, while the portfolios are actively managed, the active management focuses on maintaining exposures to the selected return factors rather than individual securities.

Investing "beyond beta" – focusing not only on obtaining cost-efficient exposure to return-driving factors, but also on tax-management alpha and customization – can serve to enhance a portfolio's total and risk-adjusted returns.

Brandon Thomas
Chief Investment Officer

# THIS WEEK IN THE ECONOMY AND MARKETS



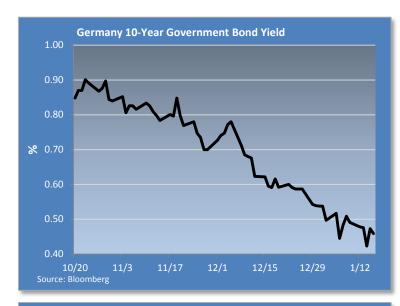
# **EUROZONE**

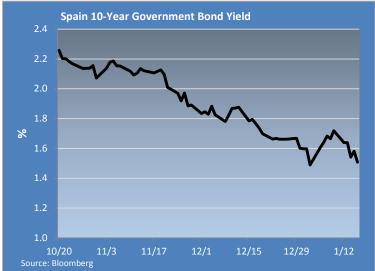
#### SELECTED EUROPEAN SOVEREIGN YIELD PERFORMANCE

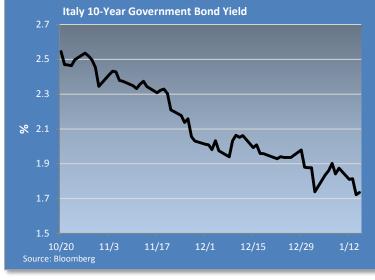
	Last	Change	% Chg.	YTD %
Germany 10-Yr. Govt.	0.46	0 bps	NM	NM
Greece 10-Yr. Govt.	9.24	34 bps	NM	NM
Italy 10-Yr. Govt.	1.66	20 bps	NM	NM
Spain 10-Yr. Govt.	1.51	20 bps	NM	NM
Belgium 10-Yr. Govt.	0.73	13 bps	NM	NM

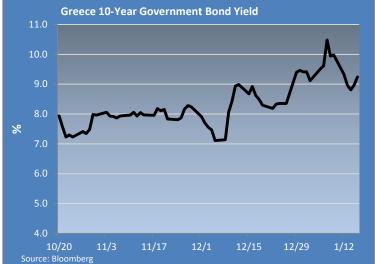
	Last	Change	% Chg.	YTD %
France 10-Yr. Govt.	0.64	14 bps	NM	NM
Ireland 10-Yr. Govt.	1.22	17 bps	NM	NM
Portugal 10-Yr. Govt.	2.52	10 bps	NM	NM
Netherlands 10-Yr. Govt.	0.47	14 bps	NM	NM
U.K. 10-Yr. Govt.	1.54	6 bps	NM	NM

Source: Bloomberg Basis points (bps)









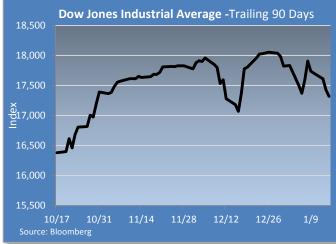
### **EQUITIES**

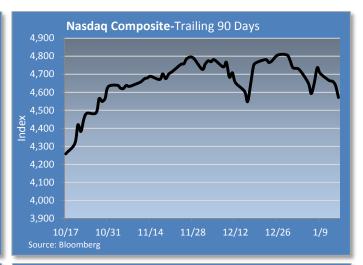
#### WORLD MARKET PERFORMANCE

	Last	Change	% Chg.	YTD %
S&P 500	2,019.42	-40.27	-1.97%	-2.64%
Dow Industrials	17,511.57	-367.02	-2.07%	-2.54%
Nasdaq Composite	4,634.38	-106.41	-2.26%	-2.92%
Russell Global	1,696.74	-17.09	-1.00%	-2.3%
Russell Global EM	2,987.59	-8.55	-0.29%	0.2%
S&P/TSX (Canada)	14,309.41	-188.02	-1.31%	-2.98%
Mexico IPC	41,402.01	-1274.95	-3.01%	-4.72%
Brazil Bovespa	49,016.52	249.00	0.51%	-1.84%
Euro Stoxx 600	352.40	13.71	4.06%	2.66%
FTSE 100	6,550.27	41.52	0.64%	-0.36%
IBEX 35 (Spain)	10,038.90	325.20	3.35%	-2.29%

	Last	Change	% Chg.	YTD %
Swiss Market Index	7,899.59	-1213.31	-13.32%	-12.14%
CAC 40 Index (France)	4,379.62	198.83	4.76%	2.46%
DAX Index (Germany)	10,167.77	507.49	5.26%	3.57%
Irish Overall Index	5,284.10	131.65	2.57%	0.62%
Nikkei 225	16,864.16	-302.94	-1.76%	-3.36%
Hang Seng Index	24,103.52	183.57	0.77%	2.11%
Shanghai Composite	3,376.50	91.08	2.77%	4.38%
Kospi Index (S. Korea)	1,888.13	-36.57	-1.90%	-1.43%
Taiwan Taiex Index	9,138.29	-77.29	-0.84%	-1.82%
Tel Aviv 25 Index	1,463.33	-6.25	-0.43%	-0.11%
MICEX Index (Russia)	1,591.43	76.06	5.02%	13.95%

Source: Bloomberg; Index % change is based on price.









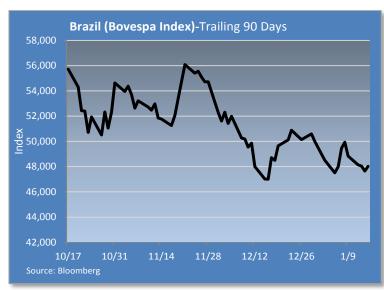
# **EQUITIES – EMERGING AND FRONTIER MARKETS**

#### EMERGING AND FRONTIER MARKET PERFORMANCE

	Last	Change	% Chg.	YTD %
Mexico IPC	41,402.01	-1274.95	-3.0%	-4.7%
Brazil (Bovespa Index)	49,016.52	249.00	0.5%	-1.8%
MICEX Index (Russia)	1,591.43	76.06	5.0%	13.9%
Czech Republic (Prague)	949.05	2.69	0.3%	0.2%
Turkey (Istanbul)	87,416.40	-231.95	-0.3%	2.0%
Egypt (Hermes Index)	877.88	41.08	4.9%	5.3%
Kenya (Nairobi 20 Index)	5,203.72	81.96	1.6%	1.8%
Saudi Arabia (TASI Index)	8,458.72	173.83	2.1%	1.5%
Lebanon (Beirut BLOM Index)	1,170.18	-6.37	-0.5%	0.0%
Palestine	494.27	5.45	1.1%	-1.7%

	Last	Change	% Chg.	YTD %
Hang Seng Index	24,103.52	183.57	0.8%	2.1%
India (Sensex 30)	28,121.89	663.51	2.4%	2.3%
Malaysia (KLCI Index)	1,743.57	11.13	0.6%	-1.0%
Singapore (Straits Times Index)	3,300.68	-37.76	-1.1%	-1.9%
Thailand (SET Index)	1,517.74	-11.68	-0.8%	1.3%
Indonesia (Jakarta)	5,148.38	-68.29	-1.3%	-1.5%
Pakistan (Karachi KSE 100)	33,786.44	461.62	1.4%	5.2%
Vietnam (Ho Chi Minh)	574.81	5.08	0.9%	5.3%
Sri Lanka (Colombo)	7,513.86	75.34	1.0%	2.9%
Cambodia (Laos)	1,412.47	5.34	0.4%	-0.1%

Source: Bloomberg; Index % change is based on price.









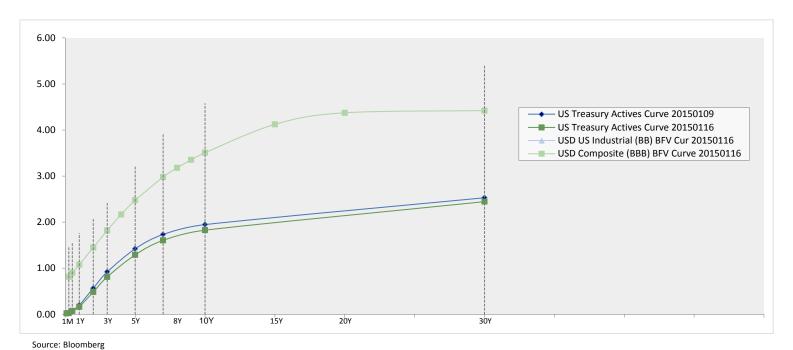
# **INTEREST RATES**

#### **SELECTED INTEREST RATES**

	Last	Change	% Chg.	YTD %
2-Yr. U.S. Treasury	0.47%	2 bps	NM	NM
5-Yr. U.S. Treasury	1.28%	-16 bps	NM	NM
10-Yr. U.S. Treasury	1.82%	-15 bps	NM	NM
30-Yr. U.S. Treasury	2.44%	-11 bps	NM	NM
German 10-Yr. Govt.	0.46%	0 bps	NM	NM
France 10-Yr.	0.64%	14 bps	NM	NM
Italy 10-Yr.	1.66%	20 bps	NM	NM
Fed 5-Yr Fwd BE Inf.	1.76%	-6 bps	NM	NM

	Last	Change	% Chg.	YTD %
Prime Rate	3.25%	0.00	NM	NM
Fed Funds Rate	0.25%	0.00	NM	NM
Discount Rate	0.75%	0.00	NM	NM
LIBOR (3 Mo.)	0.25%	0 bps	NM	NM
Bond Buyer 40 Muni	3.36%	-14 bps	NM	NM
Bond Buyer 40 G.O.	3.29%	NA	NM	NM
Bond Buyer 40 Rev.	4.06%	NA	NM	NM

Source: Bloomberg







# **CURRENCIES**

# **SELECTED CURRENCY PERFORMANCE**

	Last	Change	% Chg.	YTD %
Dollar Index	92.65	1.001	1.09%	2.95%
Euro	1.16	-0.034	-2.84%	-4.89%
Japanese Yen	117.60	-0.960	0.82%	1.91%
British Pound	1.52	-0.005	-0.30%	-2.97%
Canadian Dollar	1.20	0.011	-0.93%	-2.98%

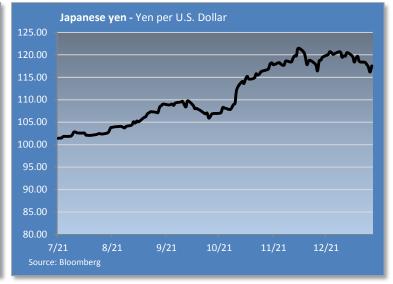
	Last	Change	% Chg.	YTD %
Chinese Yuan	6.21	-0.001	0.01%	-0.04%
Swiss Franc	0.86	-0.158	18.51%	16.17%
<b>New Zealand Dollar</b>	0.78	-0.006	-0.78%	-0.28%
Brazilian Real	2.62	-0.005	0.19%	1.13%
Mexican Peso	14.58	0.019	-0.13%	0.89%

Source: Bloomberg









# **COMMODITIES**

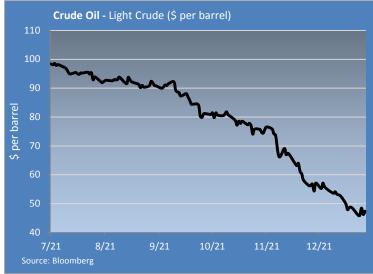
#### SELECTED COMMODITY MARKET PERFORMANCE

	SELECTED CONTINUE										
	Last	Change	% Chg.	YTD %							
DJ UBS Comm. ldx.	103.31	-1.26	-1.21%	-1.88%							
Rogers Int. Comm. ldx.	2590.08	-74.40	-2.79%	-7.25%							
Crude Oil	\$48.50	-\$0.94	-1.94%	-10.98%							
Natural Gas	\$3.10	\$0.24	8.21%	10.35%							
Gasoline (\$/Gal.)	\$2.08	-\$0.07	-3.25%	-7.05%							
Heating Oil	166.03	-6.50	-3.82%	-10.67%							
Gold Spot	\$1,275.56	\$53.00	4.33%	7.76%							
Silver Spot	\$17.70	\$1.12	6.79%	12.19%							

	Last	Change	% Chg.	YTD %
Platinum Spot	\$1,266.38	\$34.44	2.79%	4.95%
Corn	387.00	-14.50	-3.62%	-2.83%
Wheat	532.75	-25.75	-4.57%	-8.77%
Soybeans	991.75	-59.50	-5.65%	-3.00%
Sugar	15.33	0.54	3.62%	6.40%
Orange Juice	146.50	4.05	2.84%	4.76%
Aluminum	1,791.00	-19.00	-1.05%	-3.32%
Copper	5,630.00	-460.00	-7.55%	-10.63%

Source: Bloomberg; % change is based on price.

Copper



9/19

10/19

11/18

12/18







# **ALTERNATIVE INVESTMENTS**

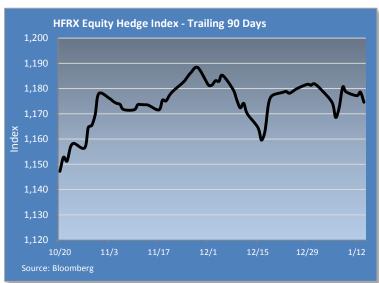
#### SELECTED ALTERNATIVE INVESTMENT INDEX PERFORMANCE

	Last	Change	% Chg.	YTD %
HFRX Global Hedge Fund Index	1218.58	-4.29	-0.35%	-0.49%
HFRX Equity Market Neutral	989.44	-0.23	-0.02%	0.32%
HFRX Equity Hedge Index	1178.59	-4.06	-0.34%	-0.62%
HFRX Event-Driven Index	1505.32	-4.19	-0.28%	-0.87%
HFRX Absolute Return Index	997.09	-1.75	-0.18%	0.03%

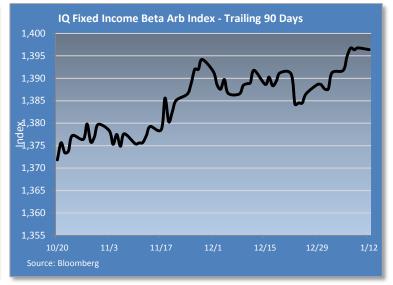
	Last	Change	% Chg.	YTD %
HFRX Distressed Index	1001.30	-2.67	-0.27%	-0.72%
HFRX Merger Arbitrage Index	1605.07	-0.69	-0.04%	0.08%
HFRX Convertible Arbitrage Index	696.99	-2.64	-0.38%	-0.85%
HFRX Macro CTA Index	1211.78	-2.61	-0.22%	0.83%
IQ Fixed Income Beta Arb Index	1398.50	1.30	0.09%	0.75%

Source: Bloomberg; Index % change is based on price.









# **PORTFOLIO CONSTRUCTION**



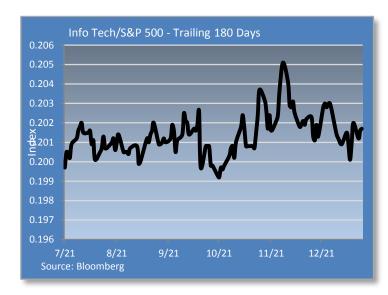




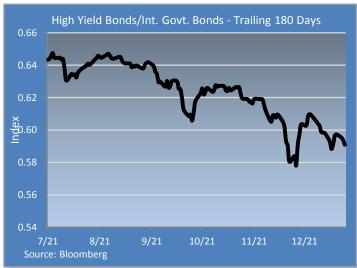




# PORTFOLIO CONSTRUCTION (cont'd.)









WEEKLY ASSET CLASS PERFORMANCE (Prior 12 weeks ending Thursday)														
			10/30	11/6	11/13	11/20	11/27	12/4	12/11	12/18	12/25	1/1	1/8	1/15
	Domestic	Large Cap (R200)	2.23%	1.74%	0.49%	061%	0.99%	-0.04%	-1.84%	1.21%	0.94%	-1.11%	0.13%	-3.39%
Equity	Equity	Small Cap (R2000)	3.52%	1.39%	0.30%	-0.40%	1.70%	-1.48%	-0.52%	2.16%	1.23%	-0.17%	-0.71%	-3.46%
Equity	Int'l.	MSCI EAFE	1.24%	0.31%	0.47%	014%	1.51%	-0.67%	-2.34%	-1.12%	1.25%	-0.81%	-2.31%	0.64%
	Equity	MSCI Em. Mkts.	2.63%	-1.61%	0.14%	-0.26%	2.27%	-2.54%	-4.14%	-1.15%	1.66%	0.60%	0.27%	0.12%
Eivad	Income	BarCap Agg. (AGG)	-0.14%	-0.49%	0.20%	001%	0.46%	-0.16%	0.11%	-0.10%	-0.37%	0.39%	0.58%	1.06%
rixeu	income	High Yield (JNK)	0.20%	-0.50%	-0.42%	-0.85%	0.83%	-2.03%	-2.78%	0.95%	1.64%	-1.18%	0.23%	-0.47%
Comn	nodities	DJ UBS Index	0.60%	-0.81%	-0.90%	170%	0.36%	-4.50%	-1.35%	-1.95%	-2.17%	-1.73%	-0.66%	-1.85%
Alternatives		Hedge Funds (HFRX Global)	0.25%	0.20%	0.00%	-0.14%	0.63%	-0.59%	-1.17%	0.07%	0.60%	0.32%	0.01%	-0.50%
Asset Allocation		60/40*	1.30%	0.43%	0.30%	011%	1.01%	-0.55%	-1.26%	0.36%	0.63%	-0.36%	-0.15%	-0.92%
		48/32/20 (w/Alts.)**	1.09%	0.38%	0.24%	0 06%	0.93%	-0.56%	-1.25%	0.31%	0.62%	-0.23%	-0.12%	-0.83%

 $Source: Bloomberg; *60/40\ portfolio = 30\%\ Large\ Cap/10\%\ Small\ Cap/15\%\ EAFE/5\%\ Emerging\ Markets/35\%\ BarCap\ Agg./5\%\ High\ Yield.$ 

<sup>\*\*48/32/20</sup> portfolio = 24% Large Cap/8% Small Cap/12% EAFE/4% Emerging Markets/28% BarCap Agg./4% High Yield/20% HFRX Global Index.

RELATIVE STRENGTH MATRIX (	(BASED ON 30-DAY RSI)

	Large Cap	Large Cap	Large Cap	Mid Cap	Mid Cap	Mid Cap	Small Cap	Small Cap	Small Cap	Int'l.	Emerging				
	Core	Growth	Value	Core	Growth	Value	Core	Growth	Value	Developed	Markets	REITs	Comm.	Int. Bond	High Yield
Large Cap Core	1.00	0.98	1.02	0.96	0.97	0.94	0.95	0.94	0.97	1.03	0.96	0.64	1.57	0.70	1.05
Large Cap Growth	1.02	1.00	1.04	0.98	1.00	0.96	0.98	0.96	1.00	1.05	0.99	0.66	1.60	0.71	1.07
Large Cap Value	0.98	0.96	1.00	0.94	0.95	0.92	0.93	0.92	0.95	1.01	0.94	0.63	1.53	0.68	1.03
Mid Cap Core	1.04	1.02	1.07	1.00	1.02	0.98	1.00	0.98	1.02	1.07	1.01	0.67	1.63	0.73	1.10
Mid Cap Growth	1.03	1.00	1.05	0.98	1.00	0.96	0.98	0.96	1.00	1.05	0.99	0.66	1.61	0.72	1.08
Mid Cap Value	1.07	1.04	1.09	1.02	1.04	1.00	1.02	1.00	1.04	1.09	1.03	0.68	1.67	0.74	1.12
Small Cap Core	1.05	1.03	1.07	1.00	1.02	0.98	1.00	0.98	1.02	1.08	1.01	0.67	1.64	0.73	1.10
Small Cap Growth	1.07	1.05	1.09	1.02	1.04	1.00	1.02	1.00	1.04	1.10	1.03	0.68	1.67	0.75	1.12
Small Cap Value	1.03	1.00	1.05	0.98	1.00	0.96	0.98	0.96	1.00	1.05	0.99	0.66	1.61	0.72	1.08
Int'l. Developed	0.97	0.95	0.99	0.93	0.95	0.91	0.93	0.91	0.95	1.00	0.94	0.62	1.52	0.68	1.02
Emerging Markets	1.04	1.01	1.06	0.99	1.01	0.97	0.99	0.97	1.01	1.07	1.00	0.66	1.62	0.72	1.09
REITs	1.56	1.53	1.59	1.50	1.52	1.46	1.49	1.46	1.52	1.60	1.51	1.00	2.44	1.09	1.64
Commodities	0.64	0.62	0.65	0.61	0.62	0.60	0.61	0.60	0.62	0.66	0.62	0.41	1.00	0.45	0.67
Int. Bond	1.43	1.40	1.46	1.37	1.40	1.34	1.37	1.34	1.40	1.47	1.38	0.92	2.24	1.00	1.50
High Yield	0.95	0.93	0.97	0.91	0.93	0.89	0.91	0.89	0.93	0.98	0.92	0.61	1.49	0.66	1.00

Source: Bloomberg

The Relative Strength Matrix provides an indication of how the various asset classes have performed relative to one another over the past 30 days. A number greater than 1.0 indicates that the asset class in the far left column has outperformed the corresponding asset class in the top row over the past 30 days. A number below 1.0 means the asset class on the left has underperformed the asset class at the top. The green shading indicates outperformance, and the red shading indicates underperformance.

#### **INDEX OVERVIEW**

The S&P 500 Index is an unmanaged index comprised of 500 widely held securities considered to be representative of the stock market in general. The S&P/Case-Shiller Home Price Indices measure the residential housing market, tracking changes in the value of the residential real estate market in 20 metropolitan regions across the United States. The Nasdag Composite is a stock market index of the common stocks and similar securities listed on the NASDAQ stock market. The MSCI EAFE Index represents 21 developed markets outside of North America. The MSCI EAFE Growth Index is an unmanaged index considered representative of growth stocks of Europe, Australasia and the Far East. The MSCI EAFE Value Index is an unmanaged index considered representative of value stocks of Europe, Australasia and the Far East. The MSCI Emerging Markets Index is a free float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets. The MSCI Europe Index is an unmanaged index considered representative of stocks of developed European countries. The MSCI Pacific Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of the developed markets in the Pacific region. The Barclays US Credit Index is an unmanaged index considered representative of publicly issued, SEC-registered US corporate and specified foreign debentures and secured notes. The Barclays US Aggregate Bond Index is a market capitalization-weighted index of investment-grade, fixed-rate debt issues, including government, corporate, asset-backed, and mortgage-backed securities, with maturities of at least one year. The Barclays US Corporate High Yield Index covers the USD-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. The index may include emerging market debt. The Barclays Capital Municipal Bond Index is an unmanaged index comprised of investment-grade, fixed-rate municipal securities representative of the tax-exempt bond market in general. The Barclays US Treasury Total Return Index is an unmanaged index of public obligations of the US Treasury with a remaining maturity of one year or more. The Citigroup World Government Bond Index is a market capitalization weighted bond index consisting of the government bond markets of Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Ireland, Italy, Japan, Malaysia, Mexico, the Netherlands, Norway, Poland, Portugal, Singapore, Spain, Sweden, Switzerland, the United Kingdom and the United States. The DJ-UBS Commodity Index Total Return<sup>SM</sup> measures the collateralized returns from a basket of 19 commodity futures contracts representing the energy, precious metals, industrial metals, grains, softs and livestock sectors. The Russell 1000 Index is a market capitalization-weighted benchmark index made up of the 1000 largest U.S. companies in the Russell 3000 Index. The Russell 1000 Growth Index is an unmanaged index considered representative of large-cap growth stocks. The Russell 1000 Value Index is an unmanaged index considered representative of large-cap value stocks. The Russell 2000 Index is an unmanaged index considered representative of small-cap stocks. The Russell 2000 Growth Index is an unmanaged index considered representative of small-cap growth stocks. The Russell 2000 Growth Index is an unmanaged index considered representative of small-cap value stocks. The Russell 3000 Index is an unmanaged index considered representative of the US stock market. The Russell Midcap Index is a subset of the Russell 1000 Index. It includes approximately 800 of the smallest securities based on a combination of their market cap and current index membership. The Russell Midcap Growth Index is an unmanaged index considered representative of mid-cap growth stocks. The Russell Midcap Value Index is an unmanaged index considered representative of mid-cap value stocks. The HFRX Indices are a series of benchmarks of hedge fund industry performance which are engineered to achieve representative performance of a larger universe of hedge fund strategies. Hedge Fund Research, Inc. employs the HFRX Methodology (UCITS compliant), a proprietary and highly quantitative process by which hedge funds are selected as constituents for the HFRX Indices. The ISM Non-Manufacturing Index is an index based on surveys of more than 400 nonmanufacturing firms' purchasing and supply executives, within 60 sectors across the nation, by the Institute of Supply Management (ISM). The ISM Non-Manufacturing Index tracks economic data, like the ISM Non-Manufacturing Business Activity Index. A composite diffusion index is created based on the data from these surveys that monitors economic conditions of the nation. The ISM Manufacturing Index is an index based on surveys of more than 300 manufacturing firms by the Institute of Supply Management. The ISM Manufacturing Index monitors employment, production inventories, new orders and supplier deliveries. A composite diffusion index is created that monitors conditions in national manufacturing based on the data from these surveys. The Consumer Price Index (CPI) measures the change in the cost of a fixed basket of products and services. The Gross Domestic Product (GDP) rate is a measurement of the output of goods and services produced by labor and property located in the United States. Basis Point(s) is a unit that is equal to 1/100th of 1%, and is used to denote the change in a financial instrument. The basis point is commonly used for calculating changes in interest rates, equity indexes and the yield of a fixed-income security. The CBOE Volatility Index (VIX) is an up-to-the-minute market estimate of expected volatility that is calculated by using real-time S&P 500 Index option bid/ask quotes. The Index uses nearby and second nearby options with at least 8 days left to expiration and then weights them to yield a constant, 30-day measure of the expected volatility of the S&P 500 Index. The MSCI World ex-U.S. Index captures large and mid-cap representation across 22 of 23 Developed Markets DM countries\*--excluding the United States. With 1,002 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country. (\* DM countries include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland and the UK.) The MSCI Japan Index - is designed to measure the performance of the large and mid-cap segments of the Japanese market. With 320 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in Japan. The Barclays Global Aggregate ex-U.S. Index - is a market capitalization-weighted index, meaning the securities in the index are weighted according to the market size of each bond type. Most U.S. traded investment grade bonds are represented. Municipal bonds, and Treasury Inflation-Protected Securities are excluded, due to tax treatment issues. The index includes Treasury securities, Government agency bonds, Mortgage-backed bonds, Corporate bonds, and a small amount of foreign bonds traded in U.S. The University of Michigan Consumer Sentiment Index (MCSI) is a survey of consumer confidence conducted by the University of Michigan. The Michigan Consumer Sentiment Index (MCSI) uses telephone surveys to gather information on consumer expectations regarding the overall economy. A separately managed account (SMA) is an individual managed investment account offered typically by a brokerage firm through one of their brokers or financial consultants and managed by independent investment management firms (often called money managers for short) and have varying fee structures. An open-end index fund continuously issues and redeems shares based on investor demand. As an index fund, its investment objective is to duplicate the performance of the index it uses as a benchmark. The MSCI EM (Emerging Markets) Latin America Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of emerging markets in Latin America. The Barclays U.S. 5-10 Year Corporate Bond Index measures the investment return of U.S. dollar denominated, investment-grade, fixed rate, taxable securities issued by industrial, utility, and financial companies with maturities between 5 and 10 years. Barclays U.S. Aggregate Bond Index is weighted according to market capitalization, which means the securities represented in the index are weighted according to the market size of the bond category. Treasury securities, mortgage-backed securities (MBS) foreign bonds, government agency bonds and corporate bonds are some of the categories included in the index. Barclays U.S Corporate High-Yield Index is composed of fixed-rate, publicly issued, non-investment grade debt. Barclays U.S. Corporate 5-10 Year Index includes U.S. dollar-denominated, investment-grade, fixed-rate, taxable securities issued by industrial, utility, and financial companies, with maturities between 5 and 10 years.

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