

Chart of the Week



Weekly Highlights

- Stock prices advanced again this week, with many broad indices approaching record levels. Comments on Wednesday by Federal Reserve chairman Janet Yellen that an interest rate rise by year-end was a "live possibility" put somewhat of a damper on gains. Today's extremely strong employment report in which payrolls climbed the most this year should provide support for an imminent "lift-off" in interest rates.
- U.S. Treasury yields were sharply higher this week, reacting both to Yellen's comments and the surprisingly strong October employment report.
- Commodity indices dropped sharply this week, as all three
 of the major complexes—energy, metals and grains—
 declined. Gold posted one of its largest weekly declines in a
 year due in part to strong job gains reported today.

Talking Points

- Among equities, small caps outperformed large caps, value stocks outperformed growth stocks, and domestic stocks outperformed international equities. Developed markets underperformed emerging markets.
- Treasury prices were sharply lower this week. The yield on the 10-year T-note surged on strong employment data.
- Commodity indices dropped, with energy and metals leading the segment lower.
- The dollar surged this week against a basket of six major currencies.
- this week, the October employment report showed that employers added 271,000 jobs, far exceeding expectations; the unemployment rate declined to 5%; an index of manufacturing services was in line with estimates; non-manufacturing services rebounded sharply in October; construction spending increased slightly; and initial jobless claims trended higher in the latest week.

MARKET DASHBOARD

	Last Price	Change	% Chg.	YTD %
S&P 500	2,099.20	19.84	0.95%	2.0%
Dow Industrials	17,910.33	246.79	1.40%	0.5%
Nasdaq	5,147.12	93.37	1.85%	8.7%
Russell 2000	1,199.75	37.88	3.26%	-0.4%
Euro Stoxx Index	379.95	4.48	1.19%	10.9%
Shanghai Composite	3,590.03	207.47	6.13%	11.0%
Russell Global	1,714.54	8.84	0.52%	-0.8%

Source: Bloomb

S&P

mposite	3,590.03	207.47	6.13%	11.0%
oal	1,714.54	8.84	0.52%	-0.8%
berg; Index % chai	nge is based on	orice.		
500 Index: Tra	iling 180 Days			
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	Last Price	Change	% Chg.	YTD %
Russell Global EM	2,713.76	48.30	1.80%	-8.6%
10-Year US Treas.	2.33	18 bps	NM	NM
DJ UBS Comm. ldx.	85.23	-2.19	-2.51%	-18.3%
Gold	\$1,088.80	-\$53.21	-4.66%	-8.1%
Crude Oil	\$44.45	-\$2.14	-4.59%	-25.2%
Dollar Index	99.16	2.22	2.29%	9.9%
VIX Index	14.33	-0.74	-4.91%	-25.4%

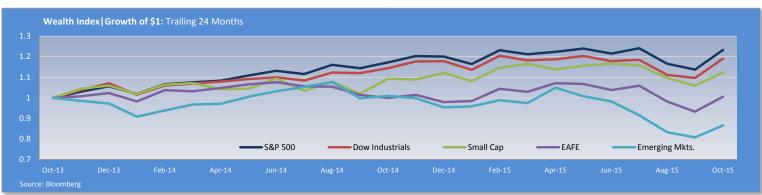
	One Week							
	Value		Growth					
L	1.41%	1.07%	0.77%					
	0.55%	0.71%	0.87%					
S	2.88%	3.26%	3.64%					
	Source: B	loombora						

YTD  Value Growth  -2.80% 2.77% 8.39%  -3.16% -0.57% 1.91%  -3.84% -0.41% 2.99%			
-2.80% 2.77% 8.39% -3.16% -0.57% 1.91%		YTD	
-3.16% -0.57% 1.91%	Value		Growth
	-2.80%	2.77%	8.39%
-3.84% -0.41% 2.99%	-3.16%	-0.57%	1.91%
	-3.84%	-0.41%	2.99%

Source: Bloomberg

	% Wgt in	Week %	
	S&P 500	Chg.	YTD % Chg.
Consumer Discretionary	13.1	0.54%	12.8%
Consumer Staples	9.5	<u>-1</u> .51%	1.0%
Energy	7.2	2.41%	12.3%
Financials	16.5	2.68%	-0.2%
Health Care	14.5	d <mark>.</mark> 49%	4.7%
Industrials	10.2	1.14%	-2.0%
Information Technology	21.0	1.82%	8.1%
Materials	2.9	0.00%	6.8%
Telecom Services	2.3	<u>-1</u> .62%	3.7%
Utilities	2.8	<del>-3</del> .60%	0.8%





#### THE ECONOMY AND MARKETS

# A Macro View – October Monthly Recap

**Domestic equity markets** rebounded sharply during the month, as global economic data stabilized, and fears of a spread to the U.S. economy dissipated. Helping to allay investor concerns has been the performance of Chinese equities, which have staged a powerful rally since plummeting during the summer. China was one of the world's best performing markets in October, posting gains of more than 9%. Equities also have digested the fact that the Federal Reserve decided not to raise interest rates in September as many had anticipated. Recent statements by Fed officials indicate that the economy is showing enough signs of improvement that an increase before the end of the year is still on the table. Somewhat ironically, the market has applauded the possibility of a rate increase this year, likely because it would signal that the economy is on solid ground, and that after about seven years, the country is on a path to a more normal interest rate environment. Domestic economic data remained resilient during the month, with the latest estimate of third quarter real gross domestic product (GDP) coming in at +1.5%, slightly below expectations, and well under the 3.9% increase in the second quarter.

Within this context, stocks delivered strong gains. The S&P 500 surged by +8.4% for the month, and is now up +2.7% year-to-date. The month's advance marked the S&P's strongest monthly performance since October 2011. The Dow Jones Industrial Average (DJIA) also climbed, advancing +8.6%. The tech-heavy Nasdaq Composite Index jumped +9.4%. The Russell 2000 Index of small cap stocks again underperformed the Russell 1000 Index of large cap stocks, with returns of +5.6% and +8.1%, respectively. Growth stocks outperformed value stocks during the month. In terms of sector performance, the top performers in the month were materials, energy and information technology, with returns of +13.5%, +11.4% and +10.8%, respectively. Utilities and consumer staples were the poorest performers, with returns of +1.1% and +5.6%, respectively. Commodities continued their downward trend during the month, declining -0.5%. REITs generated gains, advancing by +5.8%.

International equity markets also fared well, slightly outperforming U.S. markets. The gains were distributed both broadly across regions and between developed and emerging markets. The MSCI World ex-U.S. Index gained +7.5%, and is now up +0.3% year-to-date. Although emerging markets found their footing in October, they still have underperformed over the past five years. The MSCI Emerging Markets Index posted gains of +7.1%, and the MSCI EAFE Index, which measures developed markets performance, was up +7.8%. Regionally, Japan and China generated the best relative performance, climbing +10.1% and +9.1%, respectively. The Eastern Europe region was the poorest relative performer, advancing by +3.8%.

**Fixed income markets** were mixed, as investors have become comfortable with the idea that the economy is not going to succumb to a global economic slowdown, and that the Fed may indeed raise rates this year. As equity markets rallied, Treasury prices lost ground, reacting in part to various statements from Fed officials (including Fed chairman Janet Yellen) indicating that the economy is expected to continue to improve. Within this environment, the 10-year U.S. Treasury yield rose to 2.15%, up nine basis points from its 2.06% level of September 30th. Performance of broad-based fixed income indices was varied, with the Barclays U.S. Aggregate Bond Index advancing only +0.02%. Global fixed income markets delivered modest gains, as the Barclays Global Aggregate ex-U.S. Index added +0.3%. Intermediate-term corporate bonds were higher, and the Barclays U.S. Corporate 5-10 Year Index climbed by +0.5%. The Barclays U.S. Corporate High Yield Index advanced by +2.8%. Municipals fared well, gaining +0.4%.

Brandon Thomas

Chief Investment Officer

## **ECONOMIC DATA**



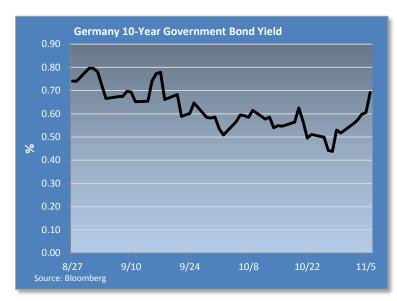
## **EUROZONE**

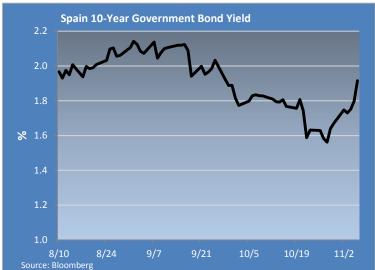
#### SELECTED EUROPEAN SOVEREIGN YIELD PERFORMANCE

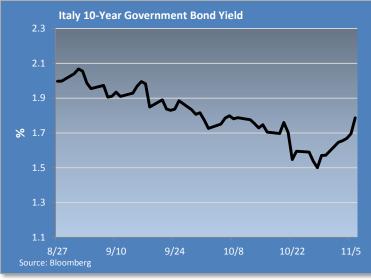
	Last	Change	% Chg.	YTD %
Germany 10-Yr. Govt.	0.69	-17 bps	NM	NM
Greece 10-Yr. Govt.	7.61	7 bps	NM	NM
Italy 10-Yr. Govt.	1.79	-20 bps	NM	NM
Spain 10-Yr. Govt.	1.91	-23 bps	NM	NM
Belgium 10-Yr. Govt.	0.97	-15 bps	NM	NM

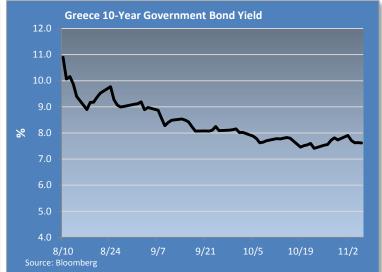
	Last	Change	% Chg.	YTD %
France 10-Yr. Govt.	1.02	-15 bps	NM	NM
Ireland 10-Yr. Govt.	1.26	-18 bps	NM	NM
Portugal 10-Yr. Govt.	2.67	-12 bps	NM	NM
Netherlands 10-Yr. Govt.	0.85	-15 bps	NM	NM
U.K. 10-Yr. Govt.	2.04	-10 bps	NM	NM

Source: Bloomberg Basis points (bps)









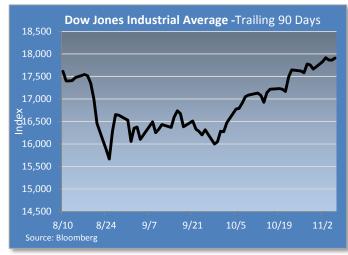
# **EQUITIES**

#### WORLD MARKET PERFORMANCE

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	Last	Change	% Chg.	YTD %
S&P 500	2,099.20	19.84	0.95%	1.96%
Dow Industrials	17,910.33	246.79	1.40%	0.49%
Nasdaq Composite	5,147.12	93.37	1.85%	8.68%
Russell Global	1,714.54	8.84	0.52%	-0.8%
Russell Global EM	2,713.76	48.30	1.80%	-8.6%
S&P/TSX (Canada)	13,553.30	24.13	0.18%	-7.37%
Mexico IPC	45,243.85	701.09	1.57%	4.86%
Brazil Bovespa	46,918.52	1049.70	2.29%	-6.18%
Euro Stoxx 600	379.95	4.48	1.19%	10.92%
FTSE 100	6,353.83	-7.26	-0.11%	-3.23%
IBEX 35 (Spain)	10,453.20	92.50	0.89%	1.69%

	Last	Change	% Chg.	YTD %
Swiss Market Index	8,970.27	31.62	0.35%	-0.15%
CAC 40 Index (France)	4,984.15	86.49	1.77%	16.65%
DAX Index (Germany)	10,988.03	137.89	1.27%	12.06%
Irish Overall Index	6,600.29	171.74	2.67%	26.33%
Nikkei 225	19,265.60	329.89	1.74%	10.40%
Hang Seng Index	22,867.33	227.29	1.00%	-3.13%
Shanghai Composite	3,590.03	207.47	6.13%	10.99%
Kospi Index (S. Korea)	2,041.07	11.60	0.57%	6.55%
Taiwan Taiex Index	8,693.57	139.26	1.63%	-6.59%
Tel Aviv 25 Index	1,581.79	8.25	0.52%	7.97%
MICEX Index (Russia)	1,754.36	42.83	2.50%	25.62%

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









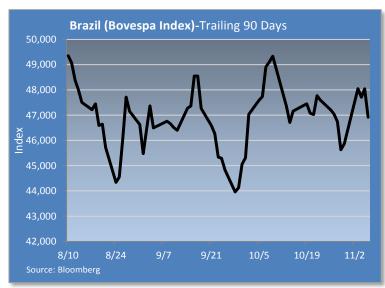
# **EQUITIES – EMERGING AND FRONTIER MARKETS**

#### EMERGING AND FRONTIER MARKET PERFORMANCE

	Last	Change	% Chg.	YTD %	
Mexico IPC	45,243.85	701.09	1.6%	4.9%	
Brazil (Bovespa Index)	46,918.52	1049.70	2.3%	-6.2%	
MICEX Index (Russia)	1,754.36	42.83	2.5%	25.6%	
Czech Republic (Prague)	988.32	5.18	0.5%	4.4%	
Turkey (Istanbul)	81,930.21	2521.21	3.2%	-4.4%	
Egypt (Hermes Index)	674.79	1.10	0.2%	-19.1%	
Kenya (Nairobi 20 Index)	3,872.57	3.74	0.1%	-24.3%	
Saudi Arabia (TASI Index)	6,961.23	-163.57	-2.3%	-16.5%	
Lebanon (Beirut BLOM Index)	1,108.49	-22.73	-2.0%	-5.3%	
Palestine	501.56	8.94	1.8%	-0.2%	

	Last	Change	% Chg.	YTD %
Hang Seng Index	22,867.33	227.29	1.0%	-3.1%
India (Sensex 30)	26,265.24	-391.59	-1.5%	-4.5%
Malaysia (KLCI Index)	1,685.70	19.99	1.2%	-4.3%
Singapore (Straits Times Index)	3,010.47	12.12	0.4%	-10.5%
Thailand (SET Index)	1,414.54	19.60	1.4%	-5.6%
Indonesia (Jakarta)	4,566.55	111.37	2.5%	-12.6%
Pakistan (Karachi KSE 100)	34,426.75	165.15	0.5%	7.1%
Vietnam (Ho Chi Minh)	612.36	4.99	0.8%	12.2%
Sri Lanka (Colombo)	7,059.48	17.42	0.2%	-3.3%
Cambodia (Laos)	1,243.16	-0.40	0.0%	-12.1%

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









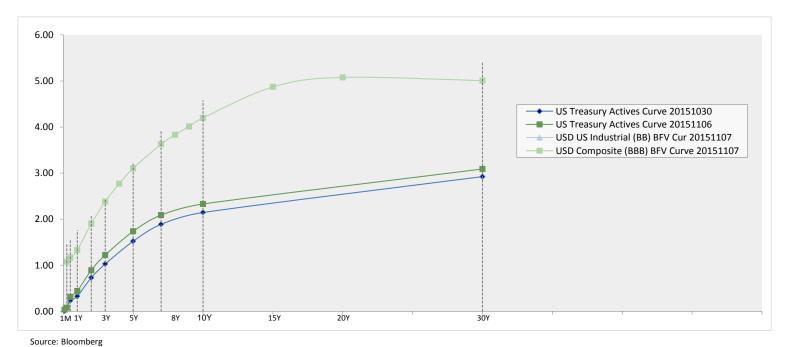
## **INTEREST RATES**

#### SELECTED INTEREST RATES

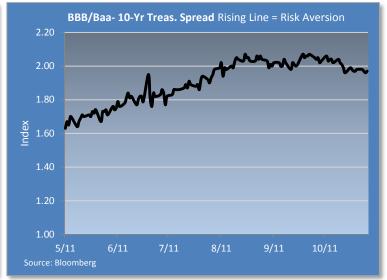
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	Last	Change	% Chg.	YTD %
2-Yr. U.S. Treasury	0.89%	-3 bps	NM	NM
5-Yr. U.S. Treasury	1.74%	21 bps	NM	NM
10-Yr. U.S. Treasury	2.33%	18 bps	NM	NM
30-Yr. U.S. Treasury	3.09%	16 bps	NM	NM
German 10-Yr. Govt.	0.69%	-17 bps	NM	NM
France 10-Yr.	1.02%	-15 bps	NM	NM
Italy 10-Yr.	1.79%	-20 bps	NM	NM
Fed 5-Yr Fwd BE Inf.	1.81%	4 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.)	0.34%	1 bps	NM	NM
Bond Buyer 40 Muni	4.00%	2 bps	NM	NM
Bond Buyer 40 G.O.	3.66%	NA	NM	NM
Bond Buyer 40 Rev.	4.05%	NA	NM	NM

Source: Bloomberg







## **CURRENCIES**

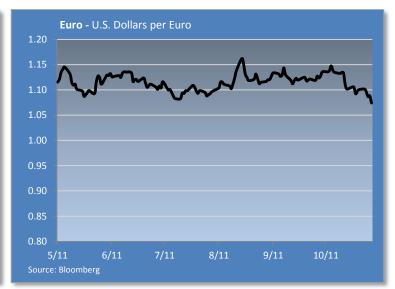
#### **SELECTED CURRENCY PERFORMANCE**

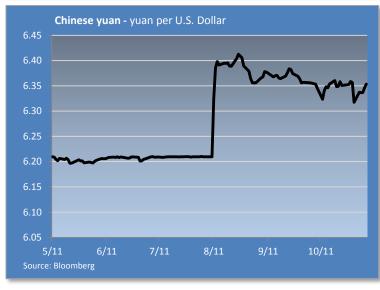
	Last	Change	% Chg.	YTD %
Dollar Index	99.16	2.222	2.29%	9.86%
Euro	1.07	-0.027	-2.41%	-11.22%
Japanese Yen	123.19	2.550	-2.07%	-2.75%
British Pound	1.51	-0.038	-2.45%	-3.38%
Canadian Dollar	1.33	0.021	-1.60%	-12.58%

	Last	Change	% Chg.	YTD %
Chinese Yuan	6.35	0.036	-0.57%	-2.33%
Swiss Franc	1.01	0.018	-1.79%	-1.15%
<b>New Zealand Dollar</b>	0.65	-0.026	-3.76%	-16.34%
Brazilian Real	3.77	-0.087	2.31%	-29.48%
Mexican Peso	16.81	0.308	-1.83%	-12.25%

Source: Bloomberg









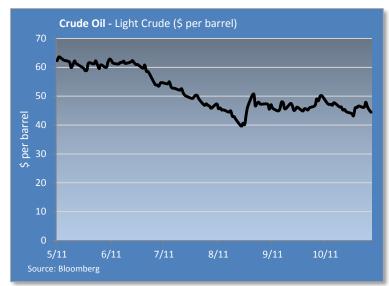
## **COMMODITIES**

#### SELECTED COMMODITY MARKET PERFORMANCE

OLLEGIED COMMINGEN									
Last	Change	% Chg.	YTD %						
85.23	-2.19	-2.51%	-18.30%						
2264.01	-23.91	-1.05%	-18.93%						
\$44.47	-\$2.14	-4.59%	-25.23%						
\$2.35	\$0.03	1.25%	-30.43%						
\$2.22	\$0.04	1.97%	-0.80%						
149.54	-2.18	-1.44%	-21.91%						
\$1,088.76	-\$53.21	-4.66%	-8.06%						
\$14.77	-\$0.78	-5.02%	-6.00%						
	85.23 2264.01 \$44.47 \$2.35 \$2.22 149.54 \$1,088.76	85.23 -2.19 2264.01 -23.91 \$44.47 -\$2.14 \$2.35 \$0.03 \$2.22 \$0.04 149.54 -2.18 \$1,088.76 -\$53.21	85.23 -2.19 -2.51% 2264.01 -23.91 -1.05% \$44.47 -\$2.14 -4.59% \$2.35 \$0.03 1.25% \$2.22 \$0.04 1.97% 149.54 -2.18 -1.44% \$1,088.76 -\$53.21 -4.66%						

	Last	Change	% Chg.	YTD %	
Platinum Spot	\$941.25	-\$44.03	-4.47%	-22.09%	
Corn	373.00	-9.25	-2.42%	-11.40%	
Wheat	523.25	1.25	0.24%	-14.88%	
Soybeans	867.25	-18.50	-2.09%	-14.11%	
Sugar	14.46	-0.06	-0.41%	-11.94%	
Orange Juice	137.35	3.60	2.69%	-5.70%	
Aluminum	1,507.00	28.50	1.93%	-18.65%	
Copper	5,011.00	-101.00	-1.98%	-20.46%	

Source: Bloomberg; % change is based on price.









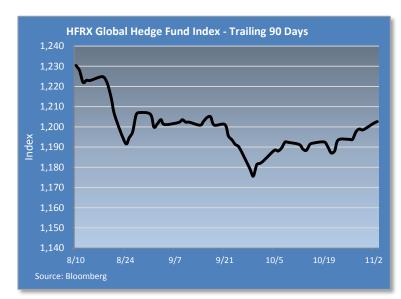
## **ALTERNATIVE INVESTMENTS**

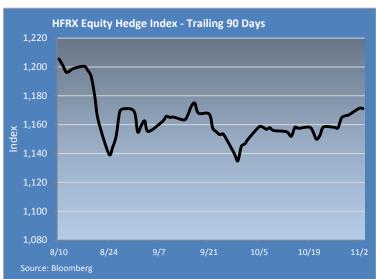
#### SELECTED ALTERNATIVE INVESTMENT INDEX PERFORMANCE

	Last	Change	% Chg.	YTD %
HFRX Global Hedge Fund Index	1202.62	0.25	0.02%	-1.61%
HFRX Equity Market Neutral	1033.19	-4.36	-0.42%	5.22%
HFRX Equity Hedge Index	1171.14	0.38	0.03%	-1.25%
HFRX Event-Driven Index	1450.03	-1.29	-0.09%	-4.37%
HFRX Absolute Return Index	1034.40	-0.18	-0.02%	3.80%

	Last	Change	% Chg.	YTD %
HFRX Distressed Index	963.23	0.28	0.03%	-4.57%
HFRX Merger Arbitrage Index	1714.38	0.27	0.02%	7.04%
HFRX Convertible Arbitrage Index	719.27	1.23	0.17%	2.22%
HFRX Macro CTA Index	1164.90	5.19	0.45%	-2.05%
IQ Fixed Income Beta Arb Index	1379.19	-8.54	-0.62%	-0.61%

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









## **PORTFOLIO CONSTRUCTION**



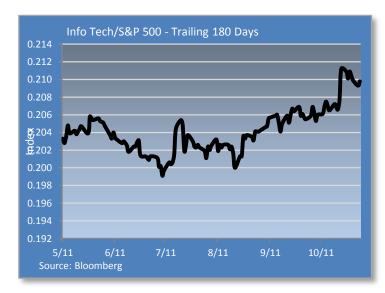






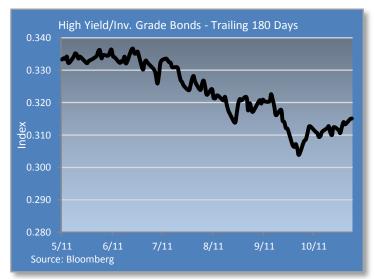


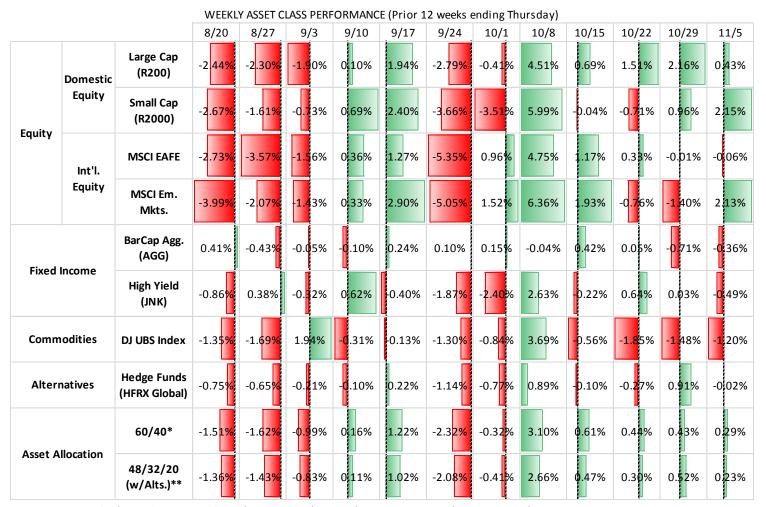
# PORTFOLIO CONSTRUCTION (cont'd.)











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

^{**48/32/20} portfolio = 24% Large Cap/8% Small Cap/12% EAFE/4% Emerging Markets/28% BarCap Agg./4% High Yield/20% HFRX Global Index.

	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	1.04	1.08	1.09	1.08	1.10	1.11	1.08	1.16	1.11	1.01	1.43	1.31	1.35
Large Cap Growth	1.02	1.00	1.06	1.11	1.11	1.11	1.12	1.14	1.11	1.18	1.13	1.04	1.46	1.34	1.38
Large Cap Value	0.96	0.94	1.00	1.04	1.05	1.04	1.06	1.07	1.04	1.11	1.07	0.98	1.37	1.26	1.30
Mid Cap Core	0.93	0.90	0.96	1.00	1.01	1.00	1.01	1.03	1.00	1.07	1.02	0.94	1.32	1.21	1.24
Mid Cap Growth	0.92	0.90	0.95	0.99	1.00	0.99	1.01	1.02	0.99	1.06	1.02	0.93	1.31	1.20	1.24
Mid Cap Value	0.93	0.90	0.96	1.00	1.01	1.00	1.01	1.03	1.00	1.07	1.02	0.94	1.32	1.21	1.25
Small Cap Core	0.91	0.89	0.95	0.99	0.99	0.99	1.00	1.02	0.99	1.05	1.01	0.93	1.30	1.19	1.23
Small Cap Growth	0.90	0.88	0.93	0.97	0.98	0.97	0.98	1.00	0.97	1.04	0.99	0.91	1.28	1.17	1.21
Small Cap Value	0.93	0.90	0.96	1.00	1.01	1.00	1.01	1.03	1.00	1.07	1.02	0.94	1.32	1.21	1.24
Int'l. Developed	0.87	0.84	0.90	0.94	0.94	0.93	0.95	0.96	0.94	1.00	0.96	0.88	1.23	1.13	1.16
Emerging Markets	0.90	0.88	0.94	0.98	0.98	0.98	0.99	1.01	0.98	1.04	1.00	0.92	1.29	1.18	1.22
REITs	0.99	0.96	1.02	1.07	1.07	1.06	1.08	1.10	1.07	1.14	1.09	1.00	1.40	1.29	1.33
Commodities	0.70	0.68	0.73	0.76	0.76	0.76	0.77	0.78	0.76	0.81	0.78	0.71	1.00	0.92	0.94
Int. Bond	0.77	0.75	0.79	0.83	0.83	0.83	0.84	0.85	0.83	0.88	0.85	0.78	1.09	1.00	1.03
High Yield	0.74	0.73	0.77	0.80	0.81	0.80	0.81	0.83	0.80	0.86	0.82	0.75	1.06	0.97	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 & KEY DEFINITIONS**

Fed, The Fed or FED refers to the Federal Reserve System, the central bank of the United States. The Federal Open Market Committee (FOMC) is the monetary policymaking body of the Federal Reserve System. Fed Funds Rate, the interest rate at which a depository institution lends funds maintained at the Federal Reserve to another depository institution overnight. The European Central Bank (ECB) is the central bank for Europe's single currency, the euro. The ECB's main task is to maintain the euro's purchasing power and thus price stability in the euro area. The euro area comprises the 19 European Union countries that have introduced the euro since 1999. 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. 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. The Consumer Price Index (CPI) measures the change in the cost of a fixed basket of products and services. The Producer Price Index (PPI) program measures the average change over time in the selling prices received by domestic producers for their output. The prices included in the PPI are from the first commercial transaction for many products and some services. Core CPI is an additional CPI Index, excludes energy and food item price changes, and measures the "core" or "underlying" rate of inflation. The PCE (Personal Consumption Expenditure) Index of Prices is a US--wide indicator of the average increase in prices for all domestic personal consumption. Using a variety of data i

The Dow Jones Industrial Average (DOW or DJIA) is an unmanaged index of 30 common stocks comprised of 30 actively traded blue chip stocks, primarily industrials and assumes reinvestment of dividends. 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 Nasdaq Composite Index is a stock market index of the common stocks and similar securities listed on the NASDAQ stock market. The US Dollar Index is a measure of the value of the United States dollar relative to a basket of foreign currencies. It is a weighted geometric mean of the dollar's value relative to other select currencies (Euro, Japanese yen, Pound sterling, Canadian dollar, Swedish krona (SEK) & Swiss franc). The Nikkei Index (Nikkei 225 or Nikkei) is a stock market index for the Tokyo Stock Exchange calculated daily by the Nihon Keizai Shimbun (Nikkei) newspaper since 1950. It is a price-weighted index (the unit is yen), and the components are reviewed once a year. The FTSE 100 Index (FTSE 100) is a share index of the 100 companies listed on the London Stock Exchange (LSE) with the highest market capitalization. The Bloomberg Commodity Index (formerly the Dow Jones-UBS Commodity Index) tracks prices of futures contracts on physical commodities on the commodity markets and is designed to minimize concentration in any one commodity or sector (currently 22 commodity futures in seven sectors). The Barclays Capital 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 Capital 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 Capital 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 Capital 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 Barclays Capital 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, Mortgagebacked bonds, Corporate bonds, and a small amount of foreign bonds traded in U.S. The Barclays Capital 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. Treasury securities, mortgage-backed securities (MBS) foreign bonds, government agency bonds and corporate bonds are some of the categories included in the index. The Barclays Capital U.S Corporate High-Yield Index is composed of fixed-rate, publicly issued, non-investment grade debt. The Barclays Capital U.S. Corporate 5-10 Year Index includes U.S. dollar-denominated, investment-grade, fixed-rate, taxable securities issued by industrial, utility, & financial companies, with maturities between 5 & 10 years. The DJ-UBS Commodity Index Total Return SM 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 University of Michigan Consumer Sentiment Index (MCSI) is a survey of consumer confidence conducted by the University of Michigan using telephone surveys to gather information on consumer expectations regarding the overall economy. 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 EAFE Index is designed to measure the equity market performance of developed markets outside of the U.S. & Canada. 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 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 MSCI World ex-U.S. Index captures large and mid-cap representation across 22 of 23 Developed Markets (DM) countries - excluding the US. 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 MSCI Emerging Markets Index is a free floatadjusted 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 Intermediate US Government/Credit Bond Index is a market capitalization-weighted index of investment-grade, fixed-rate debt issues, including Treasuries, government-related and U.S. corporate securities, with maturities of at least one year and less than 10 years.

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