

# **Weekly Market Review**

April 15, 2016

#### **Chart of the Week**



### **Weekly Highlights**

- Global equities moved higher, with the S&P 500 hitting a new 2016 high, and extending its surge of nearly 15% from the February low. The increased likelihood that the Federal Reserve (Fed) will hold off on raising rates, behind less-than-impressive economic data, has helped to fuel the market rally.
- International stocks traded higher, with the STOXX Europe 600 index (SXXP) finally breaking a 5-day win streak on Friday.
- The Bank of England (BoE) voted to hold rates at 0.5%, keeping them at a 7-year low, amid uncertainty of a referendum of the UK's membership in the European Union in June.
- Earnings season kicked off, with Alcoa (AA), JP Morgan (JPM), Bank of America (BAC), Citigroup (C), and Wells Fargo (WFC), among others reporting Q1 results.

### **Talking Points**

- Among equities, small caps outperformed large caps, and value outperformed growth-oriented issues. International equities outpaced U.S. stocks in dollar terms, but both saw strong buying.
- Treasury yields rose, briefly trading above 1.80%, the highest intraday level in two weeks.
- Commodity indices were higher, with oil posting gains, while gold declined slightly. An important meeting is taking place this weekend with OPEC and non-OPEC oil producers, in Doha, Qatar, to discuss the current production levels.
- Among economic data released, retail sales came in below expectations at -0.3% for March, initial jobless claims were lower than expected at 253,000, Consumer Price Index (CPI) was lower than expected at 0.1%, and University of Michigan Consumer Sentiment was 89.7, below the 92 that was expected.
- With inflation data showing only a slight uptick on CPI and Producer Price Index (PPI) (and well below the Fed's target), the odds of the Federal Open Market Committee (FOMC) recommending a rate hike in April were moved to zero in Fed Funds futures trading.
- China's gross domestic product (GDP) for the first quarter was
  6.7%, which is in line with expectations, but a slight tick lower from the 6.8% growth during the fourth quarter.

### **Market Dashboard**

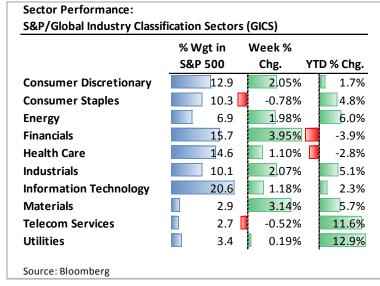
	Last Price	Change	% Chg.	YTD %
S&P 500	2,080.73	33.13	1.62%	1.8%
Dow Industrials	17,897.46	320.50	1.82%	2.7%
Nasdaq	4,938.22	87.53	1.80%	-1.4%
Russell 2000	1,130.92	33.61	3.06%	-0.4%
Euro Stoxx Index	342.79	10.93	3.29%	-6.3%
Shanghai Composite	3,078.12	93.16	3.12%	-13.0%
Russell Global	1,637.75	41.14	2.51%	1.2%

Bloombera:		

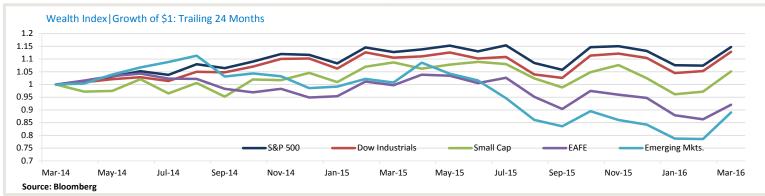
	Last Price	Change	% Chg.	YTD %
Russell Global EM	2,683.97	86.61	3.33%	5.8%
10-Year US Treas.	1.75	3 bps	NM	NM
DJ UBS Comm. ldx.	80.39	1.36	1.73%	2.3%
Gold	\$1,234.14	-\$6.70	-0.54%	16.3%
Crude Oil	\$40.42	\$0.71	1.79%	1.1%
Dollar Index	94.69	0.45	0.48%	-4.0%
VIX Index	13.62	-1.74	-11.33%	-25.2%

2100	
2050	
2000 -	
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1700 -	
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		One Weel	(		YTD	
	Value		Growth	Value		Growth
L	2.00%	1.62%	1.28%	1.10%	1.36%	1.59%
	2.14%	1.89%	1.63%	4.23%	2.59%	0.96%
S	3.47%	3.06%	2.64%	2.25%	-0.44%	-3.07%
	Source: B	loomberg				







### The Economy and Markets

#### A Macro View - Guess Who's Back? EM's Back

Emerging markets (EM), one of the most unloved asset classes of the past few years, have recently proven to be a bright star in the market. As global equities posted another strong week (hitting fresh year-to-date highs across a number of markets), EM continued to strengthen. Its success thus far in 2016 raises a question on an asset class that has struggled for most of the past five years: *Is EM finally back?* 

The EM asset class posted a great first quarter, gaining 5.7%, as measured by the MSCI Emerging Markets Index. Several EM markets did exceptionally well, with the MSCI Latin America and MSCI EM Eastern Europe indices posting advances of +19.1% and +15.0%, respectively. Higher commodity prices, combined with an improving investor risk appetite and dovish global central banks, as well as a weakening dollar, helped to fuel much of the rally. EM's success this year has been a great trend reversal of losses in the past three calendar years, including a -14.9% decline in 2015.

Its struggles have also negatively affected well-diversified portfolios, which have experienced a rally driven predominantly by US large cap over the past three years. Although we have definitely seen weak years recently for EM, it is important to remember that it can often lead by very wide margins. Over the 10-year decade from 2000-2009, in which the S&P 500 posted a loss of 9.1%, the MSCI Emerging Markets Index gained 154%, easily outpacing most major asset classes.

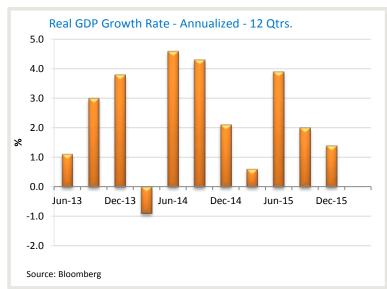
Despite its struggles of the past few years, strong reasons support owning EM, many of which investors have ignored. From a valuation perspective, MSCI Emerging Markets are trading at a forward P/E of 11.9, compared with 15.6 for the MSCI ACWI Index, and 17 for the S&P 500 Index, and also at a lower relative value from historical levels. From a diversification standpoint, owning EM helps portfolios gain access to countries that are experiencing growth at different times in their economic cycles, and often at higher rates, than the U.S.

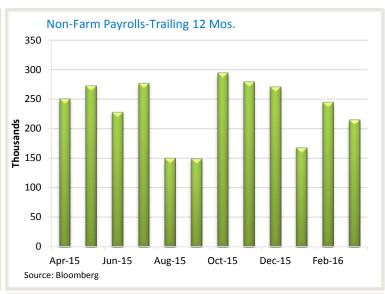
Much of the negativity surrounding EM in 2015 was the Federal Reserve's (Fed) looming rate hikes and the potential negative impact they would have on developing countries. Heading into 2016, the Fed was expected to raise rates four times this year. However, weaker-than-expected global economic data and indications from the Federal Open Market Committee (FOMC) suggest that we are still a ways off from the Fed's moving aggressively to raise rates.

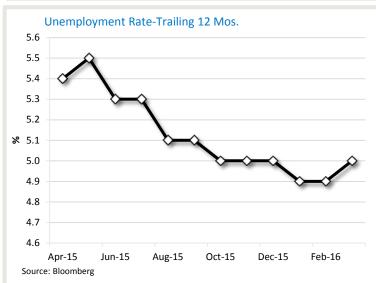
For the time being, Envestnet | PMC believes EM is definitely back. Whether the trend continues for investors buying into the story of a recently unloved asset class, or we see another reversal out of EM, only time will tell. One thing is certain: EM has posted outstanding gains in the past, often when other asset classes are struggling, and its success may mark the return of diversification.

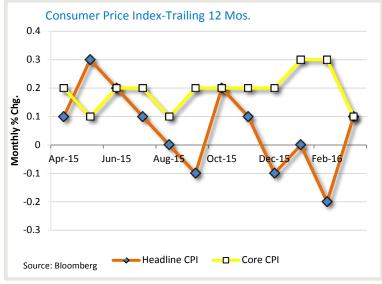
Tim Murphy VP, Portfolio Manager

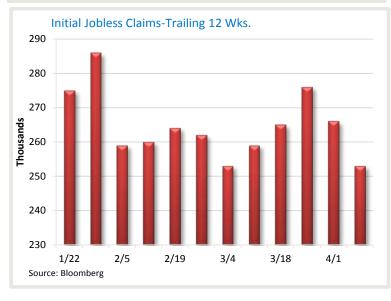
### **Economic Data**

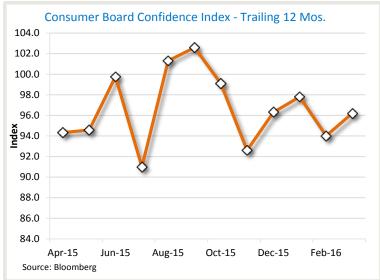












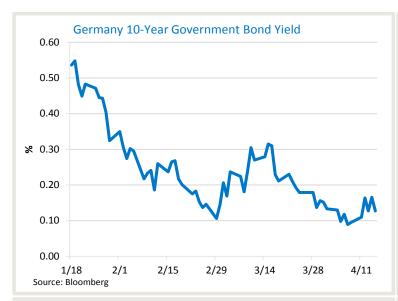
#### **Eurozone**

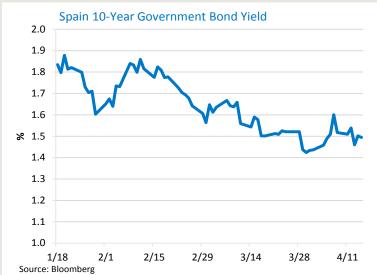
#### SELECTED EUROPEAN SOVEREIGN YIELD PERFORMANCE

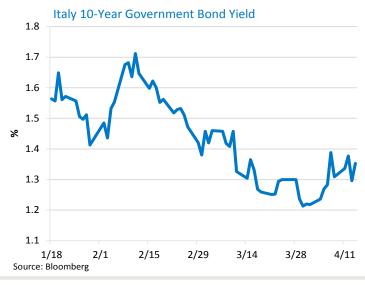
	Last	Change	% Chg.	YTD %
Germany 10-Yr. Govt.	0.13	-3 bps	NM	NM
Greece 10-Yr. Govt.	8.84	1 bps	NM	NM
Italy 10-Yr. Govt.	1.33	-2 bps	NM	NM
Spain 10-Yr. Govt.	1.49	2 bps	NM	NM
Belgium 10-Yr. Govt.	0.52	-5 bps	NM	NM

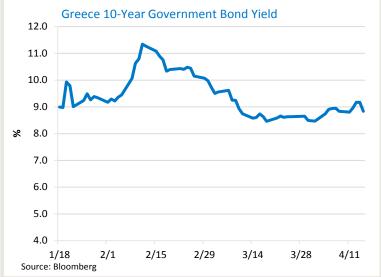
	Last	Change	% Chg.	YTD %
France 10-Yr. Govt.	0.47	-4 bps	NM	NM
Ireland 10-Yr. Govt.	0.81	-4 bps	NM	NM
Portugal 10-Yr. Govt.	3.16	15 bps	NM	NM
Netherlands 10-Yr. Govt.	0.34	-3 bps	NM	NM
U.K. 10-Yr. Govt.	1.41	-5 bps	NM	NM

Source: Bloomberg Basis points (bps)









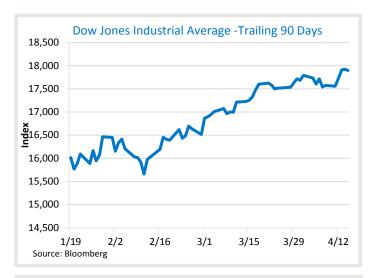
## **Equities**

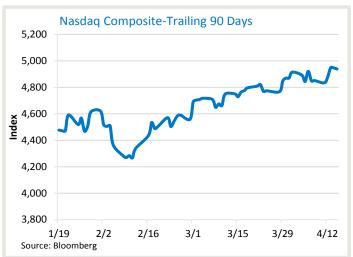
#### **WORLD MARKET PERFORMANCE**

	Last	Change	% Chg.	YTD %
S&P 500	2,080.73	33.13	1.62%	1.80%
Dow Industrials	17,897.46	320.50	1.82%	2.71%
Nasdaq Composite	4,938.22	87.53	1.80%	-1.38%
Russell Global	1,637.75	41.14	2.51%	1.2%
Russell Global EM	2,683.97	86.61	3.33%	5.8%
S&P/TSX (Canada)	13,637.20	240.47	1.79%	4.82%
Mexico IPC	45,536.52	677.03	1.51%	5.95%
Brazil Bovespa	53,227.74	2934.81	5.84%	22.79%
Euro Stoxx 600	342.79	10.93	3.29%	-6.29%
FTSE 100	6,343.75	139.34	2.25%	1.62%
IBEX 35 (Spain)	8,850.90	423.30	5.02%	-7.26%

	Last	Change	% Chg.	YTD %
Swiss Market Index	8,014.60	197.05	2.52%	-9.11%
CAC 40 Index (France)	4,495.17	192.05	4.46%	-3.06%
DAX Index (Germany)	10,051.57	429.31	4.46%	-6.44%
Irish Overall Index	6,211.36	22.11	0.36%	-8.54%
Nikkei 225	16,848.03	1026.51	6.49%	-11.48%
Hang Seng Index	21,316.47	946.07	4.64%	-2.73%
Shanghai Composite	3,078.12	93.16	3.12%	-13.03%
Kospi Index (S. Korea)	2,014.71	40.82	2.07%	2.72%
Taiwan Taiex Index	8,700.39	158.89	1.86%	4.35%
Tel Aviv 25 Index	1,474.23	30.73	2.13%	-3.57%
MICEX Index (Russia)	1,907.78	30.51	1.63%	8.31%

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









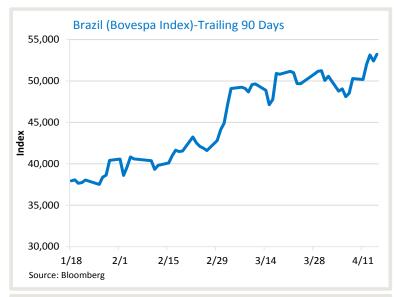
# **Equities – Emerging and Frontier Markets**

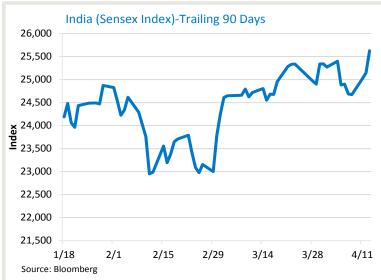
#### EMERGING AND FRONTIER MARKET PERFORMANCE

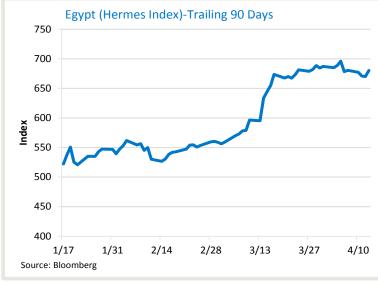
	Last	Change	% Chg.	YTD %
Mexico IPC	45,536.52	677.03	1.5%	6.0%
Brazil (Bovespa Index)	53,227.74	2934.81	5.8%	22.8%
MICEX Index (Russia)	1,907.78	30.51	1.6%	8.3%
Czech Republic (Prague)	906.63	7.30	0.8%	-5.2%
Turkey (Istanbul)	85,573.25	3071.14	3.7%	19.3%
Egypt (Hermes Index)	683.98	3.56	0.5%	8.5%
Kenya (Nairobi 20 Index)	3,920.00	-79.33	-2.0%	-3.0%
Saudi Arabia (TASI Index)	6,509.02	250.91	4.0%	-5.8%
Lebanon (Beirut BLOM Index)	1,173.08	-11.64	-1.0%	0.3%
Palestine	507.70	0.55	0.1%	-4.7%

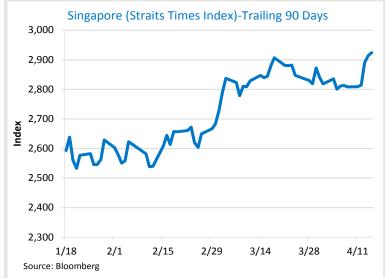
	Last	Change	% Chg.	YTD %
Hang Seng Index	21,316.47	946.07	4.6%	-2.7%
India (Sensex 30)	25,626.75	952.91	3.9%	-1.9%
Malaysia (KLCI Index)	1,727.99	9.59	0.6%	2.1%
Singapore (Straits Times Index)	2,923.94	115.62	4.1%	1.4%
Thailand (SET Index)	1,385.42	-14.85	-1.1%	7.6%
Indonesia (Jakarta)	4,823.57	-23.14	-0.5%	5.0%
Pakistan (Karachi KSE 100)	33,767.12	-200.42	-0.6%	2.9%
Vietnam (Ho Chi Minh)	579.86	7.52	1.3%	0.1%
Sri Lanka (Colombo)	6,401.32	236.21	3.8%	-7.2%
Cambodia (Laos)	1,150.99	-1.34	-0.1%	-1.9%

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









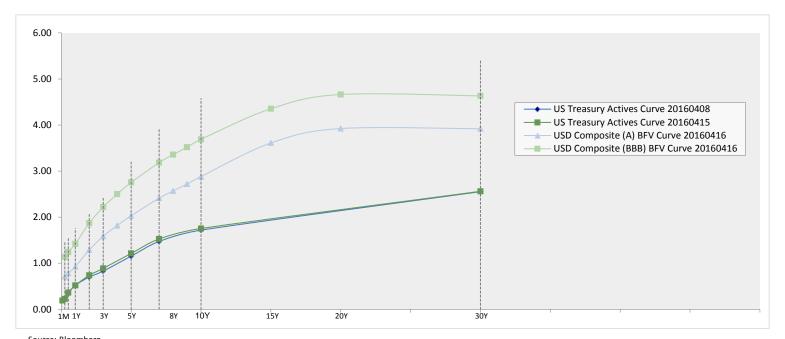
### **Interest Rates**

#### **SELECTED INTEREST RATES**

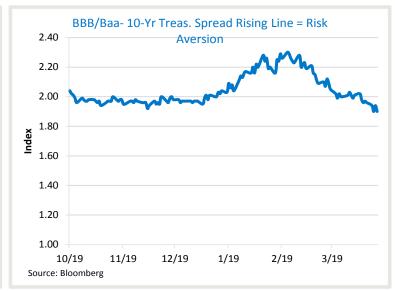
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	Last	Change	% Chg.	YTD %
2-Yr. U.S. Treasury	0.74%	-1 bps	NM	NM
5-Yr. U.S. Treasury	1.21%	5 bps	NM	NM
10-Yr. U.S. Treasury	1.75%	3 bps	NM	NM
30-Yr. U.S. Treasury	2.56%	1 bps	NM	NM
German 10-Yr. Govt.	0.13%	-3 bps	NM	NM
France 10-Yr.	0.47%	-4 bps	NM	NM
Italy 10-Yr.	1.33%	-2 bps	NM	NM
Fed 5-Yr Fwd BE Inf.	1.54%	-3 bps	NM	NM

	Last	Change	% Chg.	YTD %
Prime Rate	3.50%	0.00	NM	NM
Fed Funds Rate	0.50%	0.00	NM	NM
Discount Rate	1.00%	0.00	NM	NM
LIBOR (3 Mo.)	0.63%	0 bps	NM	NM
Bond Buyer 40 Muni	3.11%	0 bps	NM	NM
Bond Buyer 40 G.O.	3.30%	NA	NM	NM
Bond Buyer 40 Rev.	3.71%	NA	NM	NM

Source: Bloomberg







### **Currencies**

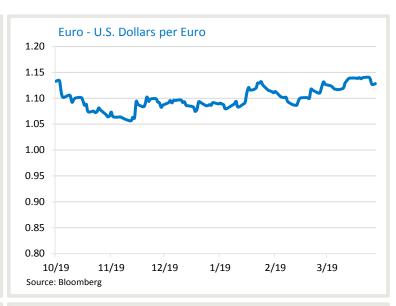
#### **SELECTED CURRENCY PERFORMANCE**

	Last	Change	% Chg.	YTD %
Dollar Index	94.69	0.450	0.48%	-4.00%
Euro	1.13	-0.012	-1.01%	3.89%
Japanese Yen	108.79	0.620	-0.57%	10.61%
<b>British Pound</b>	1.42	0.008	0.55%	-3.60%
<b>Canadian Dollar</b>	1.28	-0.017	1.33%	7.97%

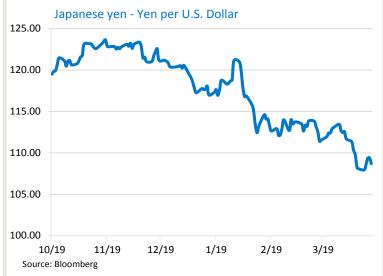
	Last	Change	% Chg.	YTD %	
Chinese Yuan	6.48	0.012	-0.18%	0.28%	
Swiss Franc	0.97	0.014	-1.47%	3.54%	
<b>New Zealand Dollar</b>	0.69	0.011	1.57%	1.24%	
Brazilian Real	3.55	-0.043	1.22%	11.66%	
Mexican Peso	17.56	-0.217	1.23%	-2.01%	

Source: Bloomberg









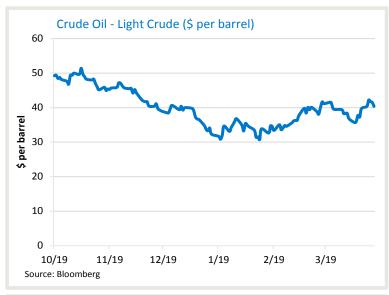
### **Commodities**

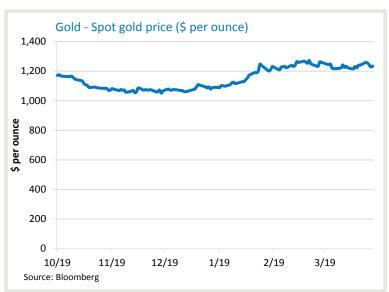
#### SELECTED COMMODITY MARKET PERFORMANCE

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	Last	Change	% Chg.	YTD %					
Bloomberg Comm. ldx.	80.39	1.36	1.73%	2.33%					
Rogers Int. Comm. Idx.	2078.46	102.56	5.19%	2.97%					
Crude Oil	\$40.42	\$0.71	1.79%	1.13%					
Natural Gas	\$1.91	-\$0.08	-4.02%	-21.20%					
Gasoline (\$/Gal.)	\$2.11	\$0.07	3.33%	5.71%					
Heating Oil	123.53	3.52	2.93%	3.82%					
Gold Spot	\$1,234.14	-\$6.70	-0.54%	16.29%					
Silver Spot	\$16.23	\$0.86	5.60%	17.16%					

	Last	Change	% Chg.	YTD %
Platinum Spot	\$984.40	\$16.95	1.75%	10.44%
Corn	382.00	17.00	4.66%	3.10%
Wheat	467.50	0.75	0.16%	-3.26%
Soybeans	964.25	39.25	4.24%	9.98%
Sugar	15.20	0.32	2.15%	3.83%
Orange Juice	138.05	-0.50	-0.36%	-4.46%
Aluminum	1,559.50	39.50	2.60%	3.48%
Copper	4,831.00	181.00	3.89%	2.68%

Source: Bloomberg; % change is based on price.









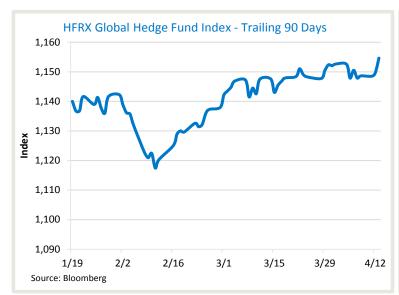
### **Alternative Investments**

#### SELECTED ALTERNATIVE INVESTMENT INDEX PERFORMANCE

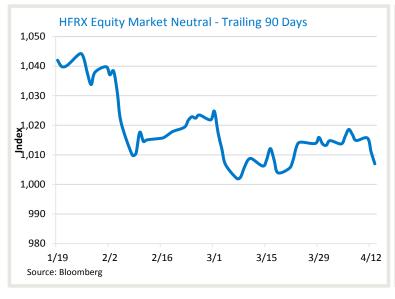
	Last	Change	% Chg.	YTD %
HFRX Global Hedge Fund Index	1154.63	6.01	0.52%	-1.66%
HFRX Equity Market Neutral	1006.96	-7.89	-0.78%	-3.19%
HFRX Equity Hedge Index	1123.87	8.29	0.74%	-2.64%
HFRX Event-Driven Index	1390.11	6.79	0.49%	-1.29%
HFRX Absolute Return Index	1021.29	0.28	0.03%	-0.39%

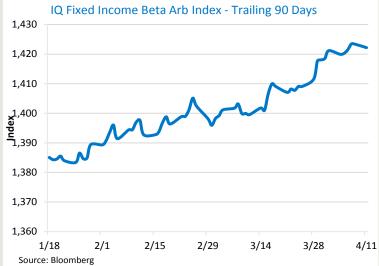
	Last	Change	% Chg.	YTD %
HFRX Distressed Index	891.16	9.53	1.08%	-0.57%
HFRX Merger Arbitrage Index	1770.39	0.18	0.01%	1.88%
HFRX Convertible Arbitrage Index	698.78	-0.11	-0.02%	-0.48%
HFRX Macro CTA Index	1176.40	8.05	0.69%	0.58%
IQ Fixed Income Beta Arb Index	1422.78	-0.58	-0.04%	2.57%

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

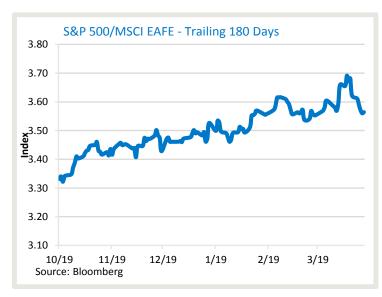


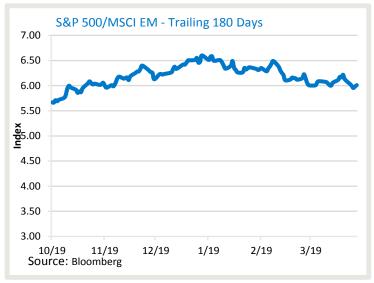


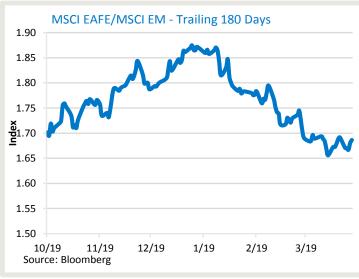


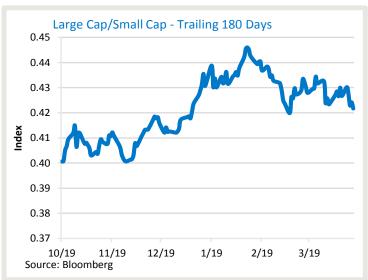


### **Portfolio Construction**



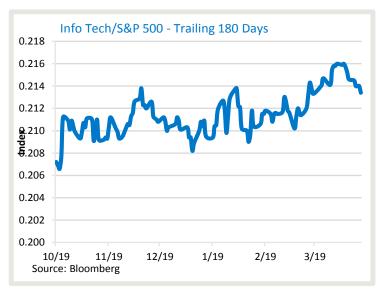


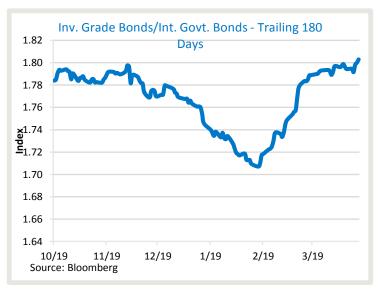


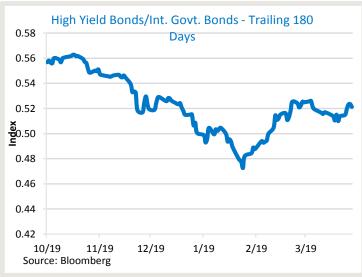




## **Portfolio Construction (continued)**









WEEKLY ASSET CLASS PERFORMANCE (Prior 12 weeks ending Thursday)														
			1/28	2/4	2/11	2/18	2/25	3/3	3/10	3/17	3/24	3/31	4/7	4/14
	Domestic	Large Cap (R200)	1.30%	1.00%	-4.38%	4.68%	1.61%	1.95%	-0.23%	2.46%	-0.12%	1.02%	-0.64%	2.03%
Faccitor	Equity	Small Cap (R2000)	0.59%	1.15%	-6.02%	5.35%	2.67%	4.31%	-1.12%	2.56%	-1.07%	3.19%	-1.91%	3.28%
Equity	Int'l.	MSCI EAFE	3.69%	0.62%	-5.61%	4.90%	-0.93%	3.70%	0.03%	3.20%	-2.67%	2.01%	-2.68%	4.67%
	Equity	MSCI Em. Mkts.	4.90%	2.40%	-3.58%	4.66%	-1.46%	6.10%	1.35%	3.31%	-0.40%	2.85%	-3.29%	4.47%
Eivad	Income	BarCap Agg. (AGG)	0.25%	0.36%	0.59%	-0.27%	0.36%	-0.55%	0.06%	0.42%	0.03%	0.65%	0.15%	-0.32%
rixeu	income	High Yield (JNK)	1.82%	-1.33%	-3.38%	2.64%	1.65%	2.58%	0.68%	1.68%	-1.01%	0.29%	-0.96 <mark>%</mark>	2.09%
Comn	nodities	Bloomberg Commodity Index	3.14%	0.05%	-2.87%	2.42%	0.00%	1.49%	3.27%	2.41%	-2.51%	0.54%	-1.74%	4.12%
Alternatives		Hedge Funds (HFRX Global)	-0.07%	-0.03%	-1.61%	1.12%	0.52%	0.78%	-0.19%	0.37%	0.13%	0.33%	-0.37%	0.59%
Accet Allocation		60/40*	1.43%	0.69%	-2.90%	2.94%	0.75%	1.81%	-0.05%	1.87%	-0.60%	1.31%	-0.95 <mark>%</mark>	1.86%
Asset Allocation	48/32/20 (w/Alts.)**	1.13%	0.54%	-2.64%	2.58%	0.70%	1.61%	-0.08%	1.57%	-0.46%	1.11%	-0.83%	1.60%	

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

<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.

	Large Cap Core	Large Cap Growth	Large Cap Value	Mid Cap Core	Mid Cap Growth	Mid Cap Value	Small Cap Core	Small Cap Growth	Small Cap Value	Int'l. Developed	Emerging Markets	REITs	Comm.	Int. Bond	High Yield
Large Cap Core	1.00	0.99	1.02	1.00	1.02	0.99	1.02	1.04	1.01	1.03	0.94	0.99	1.06	1.02	1.02
Large Cap Growth	1.01	1.00	1.02	1.01	1.02	1.00	1.03	1.04	1.02	1.04	0.95	0.99	1.06	1.03	1.02
Large Cap Value	0.98	0.98	1.00	0.98	1.00	0.97	1.01	1.02	1.00	1.01	0.93	0.97	1.04	1.00	1.00
Mid Cap Core	1.00	0.99	1.02	1.00	1.02	0.99	1.02	1.04	1.01	1.03	0.94	0.99	1.06	1.02	1.02
Mid Cap Growth	0.98	0.98	1.00	0.98	1.00	0.97	1.01	1.02	1.00	1.01	0.93	0.97	1.04	1.00	1.00
Mid Cap Value	1.01	1.00	1.03	1.01	1.03	1.00	1.04	1.05	1.03	1.04	0.96	1.00	1.07	1.03	1.03
Small Cap Core	0.98	0.97	0.99	0.98	0.99	0.97	1.00	1.01	0.99	1.01	0.92	0.96	1.03	1.00	0.99
Small Cap Growth	0.97	0.96	0.98	0.96	0.98	0.95	0.99	1.00	0.98	0.99	0.91	0.95	1.02	0.98	0.98
Small Cap Value	0.99	0.98	1.00	0.99	1.00	0.97	1.01	1.02	1.00	1.02	0.93	0.97	1.04	1.00	1.00
Int'l. Developed	0.97	0.96	0.99	0.97	0.99	0.96	0.99	1.01	0.98	1.00	0.92	0.96	1.02	0.99	0.99
Emerging Markets	1.06	1.05	1.08	1.06	1.08	1.05	1.08	1.10	1.07	1.09	1.00	1.04	1.12	1.08	1.08
REITs	1.01	1.01	1.03	1.01	1.03	1.00	1.04	1.05	1.03	1.04	0.96	1.00	1.07	1.03	1.03
Commodities	0.95	0.94	0.96	0.95	0.96	0.94	0.97	0.98	0.96	0.98	0.89	0.93	1.00	0.96	0.96
Int. Bond	0.98	0.97	1.00	0.98	1.00	0.97	1.00	1.02	1.00	1.01	0.93	0.97	1.04	1.00	1.00
High Yield	0.98	0.98	1.00	0.98	1.00	0.97	1.01	1.02	1.00	1.01	0.93	0.97	1.04	1.00	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 in

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 Nasdag 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, Mortgage-backed 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 smallcap 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. 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 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 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. The Philadelphia Fed Manufacturing Index is a regional Federal Reserve Bank index measuring changes in business growth and is constructed from a survey of participants who voluntarily answer questions regarding the direction of change in their overall business activities. The ISM Non-Manufacturing Index is an index based on surveys of more than 400 non-manufacturing firms' purchasing and supply executives, within 60 sectors across the nation, by the Institute of Supply Management (ISM) and also 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 Housing Market Index (HMI) is based on a monthly survey of NAHB members designed to take the pulse of the single-family housing market. The STOXX Europe 600 Index (SXXP) is derived from the STOXX Europe Total Market Index (TMI) and is a subset of the STOXX Global 1800 Index. With a fixed number of 600 components, the STOXX Europe 600 Index represents large, mid and small capitalization companies across 18 countries of the European region. The MSCI Emerging Markets (EM) Eastern Europe Index captures large and mid cap representation across 4 Emerging Markets (EM) countries\* in Eastern Europe. With 49 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country. (as of 04.15.16)

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