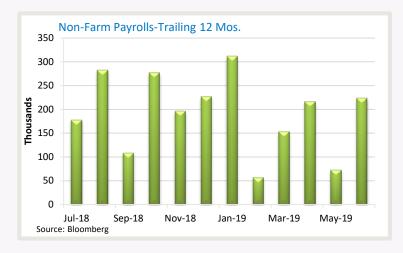


Weekly Review July 15, 2019

*The June Monthly Recap is featured on page 3 along with this week's Macro Commentary on page 4.

Chart of the Week



Weekly Highlights

- Strong US Economic Data was reported. Initial Jobless claims for the week ending July 6 decreased by 13,000 to 209,000, while the four-week moving average decreased by 3,250 to 219,250. The Consumer Price Index (CPI) increased 0.10% month over month in June, while core CPI, which excludes food and energy, rose 0.30%, much higher than expectations. The Producer Price Index (PPI) rose 1.70% on a yearly basis in June, while core PPI was up 2.30% on a yearly basis.
- The June Federal Open Market Committee (FOMC) minutes of meeting were released. Many Federal Reserve (the Fed) officials were in favor of a strong rate cut amid rising risk. The FOMC minutes maintained a dovish tone that has heightened the case for a July rate cut. Committee members expressed concern that trade tensions and a global economic slowdown could weaken business investment. On Thursday, Fed Chair Jerome Powell, in an effort to boost inflation, had strongly signaled that the central bank was ready to cut interest rates later in July.
- Oil prices hit a six-week high. Oil prices lingered near a six-week high, as oil and gas producing companies started evacuating offshore oil rigs in the Gulf of Mexico ahead of a storm. Although increased geopolitical risks in the Middle East following the altercation between Iran and UK continued to hold oil prices at high levels, the OPEC's lower 2020 oil demand outlook put a slight dent in the price rally.

Talking Points

 Among equities, the US stock market peaked this week after Fed Chair Powell indicated a probable rate cut this month. On Thursday, the Nasdaq Composite Index dipped a little after President Donald Trump's tweet indicating

European shares ticked up on Friday as auto and chemical shares pushed the Stoxx-600 higher. Equity indices in the **Asia-Pacific** region dipped due to weak data from China and Singapore.

- The yield on the 10-Year US Treasury Note rose to 2.13% following the release of strong inflation data.
- The Dollar Spot Index started the week with an upward trend. However, the index dipped as the week continued, as the increased possibility of the Fed's interest rate cut weighed on it.
- The Trump Administration withdrew its proposal to eliminate rebates from government drug plans. Shares of health insurers such as Cigna Corp (CI), United Health (UNH), and CVS Health (CVS), soared.
- The US budget deficit increased to \$747.1 billion for the first nine months of the fiscal year. This reflects a year-over-year increase of 23.10% for the same time period. The Trump Administration expects this figure to exceed \$1 trillion for this fiscal year.

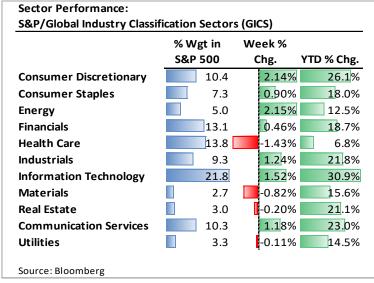
Market Dashboard

	Last Price	Change	% Chg.	YTD %
S&P 500	3,013.77	23.36	0.78%	20.2%
Dow Industrials	27,332.03	409.91	1.52%	17.2%
Nasdaq	8,244.15	82.35	1.01%	24.2%
Russell 2000	1,570.00	-5.63	-0.36%	16.4%
Euro Stoxx Index	386.85	-3.26	-0.84%	14.6%
Shanghai Composite	2,930.55	-80.51	-2.67%	17.5%
MSCI ACWI	529.18	-0.33	-0.06%	16.1%
Source: Bloomberg; Index % char	nge is based on p	orice.		

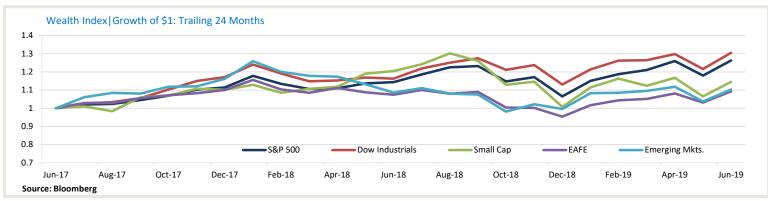
	Last Price	Change	% Chg.	YTD %
MSCI EM	1,055.15	-4.78	-0.45%	9.3%
10-Year US Treas.	2.11	6 bps	NM	NM
Bloomberg Cmdts. Idx.	81.02	1.91	2.41%	5.6%
Gold	\$1,414.80	\$15.07	1.08%	10.3%
Crude Oil	\$60.31	\$2.81	4.89%	26.7%
Dollar Index	96.83	-0.45	-0.46%	0.7%
VIX Index	12.39	-0.88	-6.63%	-51.2%

3100	S&P 500 Index: Trailing 180 Days
3000	
2900	
2800	
2700	
2700	
2600	
2600 -	
2600 - 2500 -	

		0			VTD	
		One Week	(YTD	
	Value		Growth	Value		Growth
L	0.55%	0.88%	1.14%	15.89%	19.78%	23.24%
	0.07%	0.50%	1.15%	18.23%	22.70%	29.23%
S	-0.64%	-0.36%	-0.08%	12.17%	16.42%	20.54%
	Source: B	loomberg				







Endowment Wealth Management Weekly Market Review-July 15, 2019 The Economy and Markets

A Macro View-June Monthly Recap

The domestic equity markets rallied sharply in June, sharply enough to recover the losses from April and May and end the quarter in positive territory across the board. The primary driver was Federal Reserve's (the Fed) pivoting to a dovish tone by holding rates steady at its June meeting and indicating a willingness to cut rates should economic growth slow. By mid-June, market participants had fully priced in a rate cut at the Fed's July meeting. The Trump Administration also began making conciliatory overtures to the Chinese on trade prior to the G-20 summit at the end of June. During the summit, the two sides agreed to hold off on any further tariff increases for the time being.

There was no clear trend in the domestic markets in June. The Russell 2000 Growth Index was the best performer, up 7.70%, but its value counterpart was the worst performer, rising just 6.37%. The growth index outperformed value in mid caps as well, but the reverse was true for large caps, particularly the mega cap stocks. The large value index outperformed small value by 1.00%, but the large growth index underperformed the small growth index by 0.80%. The Materials sector was the top performer across all market caps for the month, whereas the Industrial sector was the second-best performer in both the small and mid cap indices. The Energy and Information Technology sectors rounded out the top three for large caps. More conservative sectors such as Real Estate and Utilities were consistent underperformers (though still positive for the month) across all market caps as well.

The international equity markets lagged domestic stocks during June, but still managed to post solid returns for the period. The MSCI EAFE Index was up 5.93% during the month, with growth outperforming value (6.50% versus 5.33%), continuing a trend that has persisted for the better part of two years. European stocks generally outperformed despite economic growth remaining sluggish, as the European Central Bank (ECB) continued to voice its commitment to providing stimulus as needed. Japan, despite generating positive returns (3.98%), was one of the more notable laggards during the month.

The emerging markets also were well into positive territory, with that index up 6.24% for the month. Argentina, which only recently returned to the index following a ten-year downgrade to frontier market status, led the way with a 26.60% return. China (+8.06%) also rebounded, following sharply negative performance in May, as trade tensions with the US eased. India (-0.27%) was one of the few negative performers during the month due to concerns around domestic growth and a liquidity squeeze in the nonbanking finance sector.

The domestic fixed income markets continued May's sharp rise with positive returns across all sectors and all points on the yield curve. The Fed's dovish tone, as noted above, encouraged fixed income market participants to push Treasury yields down across the curve in June and tighten credit spreads in both investment grade and high yield bonds. The curve did steepen during the period, with short-term rates falling roughly 25 basis points more than long-term rates. The US Aggregate Index was up 1.26% in the month, led by corporate issues, which were up 2.45%. Treasurys and securitized issues both returned less than 1.00%. Noninvestment grade bonds were up 2.28% in June, as the average spread tightened by more than 50 basis points. The S&P/LSTA Leveraged Loan Index rose just 24 basis points last month, as the loans' floating rate nature became decidedly less attractive. Investors added nearly \$11.5 billion to taxable mutual funds in June, primarily to intermediate maturity and multisector funds.

The municipal market also posted positive returns across all credit qualities and maturities, though not quite as strong as the taxable market. Shorter maturities outperformed in the month, with the 5-year index up 55 basis points, the 10-year index up 37 basis points, and the 22-year-and-higher index up just 24 basis points. Lower-rated issues outperformed their higher-rated peers, and the high yield municipal index was up 52 basis points. The municipal market continues to be driven by both favorable fundamentals and strong technical factors. States have broadly benefited from rising tax revenues and limited increases in spending or borrowing. On the technical side, new issuance is slightly above last year's pace (\$167 billion vs. \$166 billion), but net new issuance (subtracting refinancing issues and maturities) declined by \$9 billion for the year. At the same time, investors have added \$47 billion to municipal mutual funds in the first six months.

Developed market sovereign credits were up 2.84% in dollar terms in June, and global yields fell in conjunction with US yields. Nearly half of that return was due to the depreciation of the dollar, however, as the local currency return was just 1.52%. The yield on the 10-year German Bund fell 16 basis points, from -0.20% to -0.36%, with similar drops in France, Switzerland, and the UK. In its most recent meeting, the ECB extended its forward guidance, committing to unchanged policy rates through the first half of next year. This has created a slightly flatter yield curve across the eurozone, as opposed to the steepening of the US curve. Emerging markets bonds were laggards for the quarter, with the hard currency index up just 41 basis points and the local currency index up 30 basis points. There were some pockets of strength, such as Turkey (7.20%), Brazil (3.20%) and Chile (2.10%), whereas Argentina (-16.10%) was by far the weakest.

Endowment Wealth Management Weekly Market Review-July 15, 2019 The Economy and Markets

Macro View: Are Stock Buybacks a Blessing or the Devil in Disguise?

Stock buybacks have been one of the highly debated themes of 2019 and have invoked strong opinions from multiple sides, including Wall Street gurus, investors, and even politicians. For some, share repurchases are the work of a devil driving share prices and the stock market higher and contributing to income inequality. On the other side, advocates of buybacks believe, it is an efficient corporate finance tool for distributing wealth back to shareholders. So, who has it right, or is there a middle ground to be had between these dissenting opinions?

Many may not know that up until the 1980s, share repurchases were considered a form of market manipulation and were illegal. However, the U.S. Securities and Exchange Commission changed its stance and legalized them with the introduction of the 10b-18 rule in 1982. The rationale behind this change was that a buyback would serve as an alternative method of rewarding shareholders while using idle cash reserves. It would ensure stability in share value, which is often used as collateral by loan issuers, insurance companies, and other financial institutions, and could be implemented as an antitakeover strategy. Since then, buybacks have increased steadily and have surpassed dividend distribution for almost all years since 1997. When financed with excess cash or profits, buybacks are an attractive way to return cash to shareholders, and investors typically embrace buybacks.

An alternative method of funding their use is known as leveraged buybacks, in which the company uses debt to repurchase its shares, a scenario often more prevalent in small cap companies. The current extended bull market rally is largely supported by these leveraged buybacks, as many companies have financed buybacks through low-interest debt. Many of these companies have grown increasingly more leveraged since 2009. Almost 34% of the repurchases in 2017 were funded by debt. According to Jeffrey Gundlach of Doubleline, this has turned the equity market into a Collateralized Debt Obligation residual that is getting thinner and riskier. Credit rating agencies have cautioned companies from undertaking excessive share buybacks, highlighting the conflict between the shareholder and creditors. Analysts at these credit rating agencies believe using cash to repay debt would improve the company's long-term growth, beneficial for both creditors and shareholders. On the other hand, buybacks may only support stock prices in the short run, more often than not at the expense of creditors. For the first time in history, more corporate bonds are rated BBB than AAA. In a downturn, many bonds in the BBB category will transition to junk, and a few of these highly leveraged companies' debt might transition to default.

In 2018, although the number of debt-funded buybacks dropped considerably and stood at 14% of the total, the overall buyback trend continued to grow, and the S&P 500 Index companies hit a new record, buying back more than \$800 billion worth of shares. However, during this phase the buybacks were largely backed by the huge cash reserves US corporations accumulated following the Tax Cut and Jobs Act introduced in December 2017. The Act was introduced with an expectation that companies would invest the excess cash in things that contributed to their long-term growth such as reducing debt, capital expenditures, research and development, and higher wages. However, the companies chose to use the cash to repurchase shares from existing shareholders, rather than make capital expenditures. This reduced the number of shares outstanding, therefore increasing the earnings per share and, in turn, drove the stock price higher. This trend has continued in the first quarter of 2019, and buybacks are expected to reach a peak of \$1 trillion this year.

With the drums rolling for the 2020 elections, buybacks are at the forefront of the political arena as well. According to several presidential candidates, buybacks do not encourage organic growth, and they mostly benefit the top executives, for whom the majority of compensation comes from stock options and stock-based incentives. Politicians have held buybacks responsible for increasing wealth inequality and have suggested restrictions or additional taxes to discourage such practices. At the moment, a more portentous question is: What will happen when these buybacks come to an end? Where will these highly leveraged companies, with unhappy creditors and ecstatic shareholders riding on the buyback- induced high, stand? Perhaps the current rating of BBB for General Electric's (GE) debt with a negative outlook can serve as a snippet of the larger story. After spending billions on buybacks for almost half a decade, GE halted its purchases and reduced its dividend in 2017 to repay debt. Unhappy shareholders moved on to other opportunities, and GE's share price nosedived.

Although not an evil in itself, the increasing number of buybacks in recent years without regard to fundamentals and valuations is worth pondering. Investors need to factor in buybacks before investing in any company. These buybacks may result in higher downside risk, especially when these firms have huge debt on their balance sheet. Additionally, fines or additional taxes may be imposed on companies that are resorting to the practice. For now, the jury is still out on stock buybacks, but a sudden turn in the market could change many investors' perception of the practice.

Sources

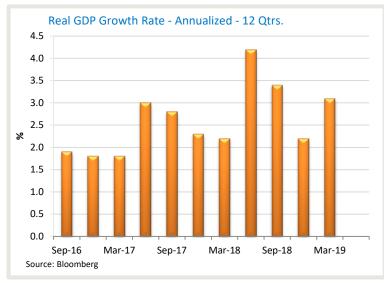
1. https://in. finance. yahoo. com/news/gundlach-debt-financed-share-buybacks-141337907. html

2.https://www.strategasrp.com/Research_Archive/PDF?strResearchProductID=tkBzxKdX%2f5h8toe5qps%2bYQ%3d%3d

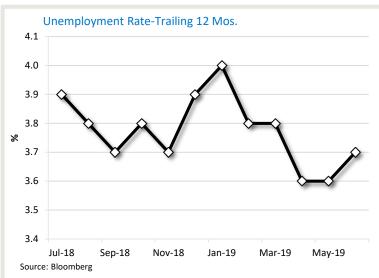
3.https://www.cnbc.com/2018/11/16/ge-once-elite-is-now-fighting-to-avoid-becoming-a-junk-bond-name.html

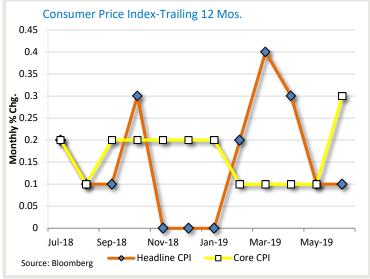
4. https://www.reuters.com/article/ge-ratings-fitch/fitch-cuts-ges-rating-outlook-to-negative-from-stable-idUSL3N2023FM and the stable-idusching and the stable-idusching

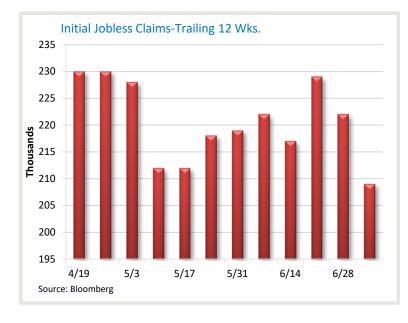
Economic Data

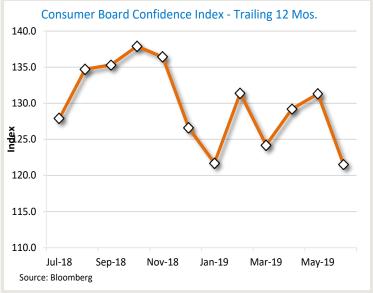












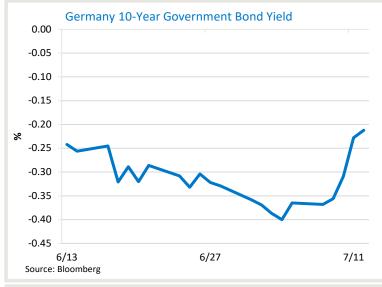
Eurozone

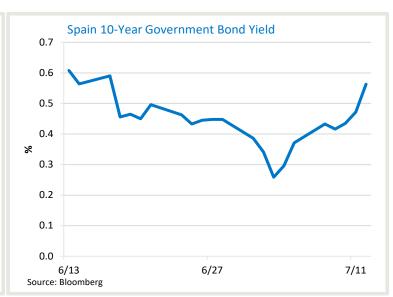
SELECTED EUROPEAN SOVEREIGN YIELD PERFORMANCE

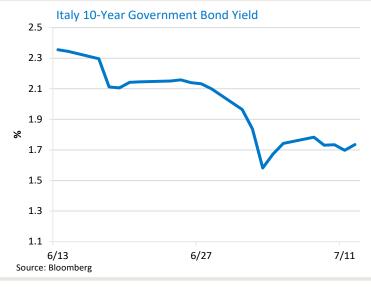
	Last	Change	% Chg.	YTD %
Germany 10-Yr. Govt.	-0.21	0 bps	NM	NM
Greece 10-Yr. Govt.	2.33	-20 bps	NM	NM
Italy 10-Yr. Govt.	1.74	1 bps	NM	NM
Spain 10-Yr. Govt.	0.56	-19 bps	NM	NM
Belgium 10-Yr. Govt.	0.13	-16 bps	NM	NM

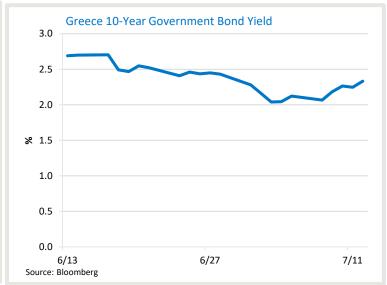
	Last	Change	% Chg.	YTD %
France 10-Yr. Govt.	0.06	-15 bps	NM	NM
Ireland 10-Yr. Govt.	0.25	-18 bps	NM	NM
Portugal 10-Yr. Govt.	0.65	-23 bps	NM	NM
Netherlands 10-Yr. Govt.	-0.09	-13 bps	NM	NM
U.K. 10-Yr. Govt.	0.83	-9 bps	NM	NM

Source: Bloomberg Basis points (bps)









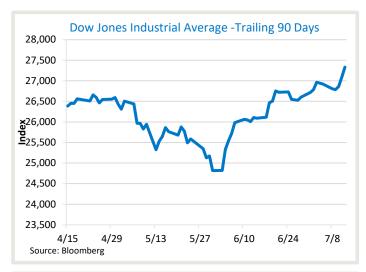
Equities

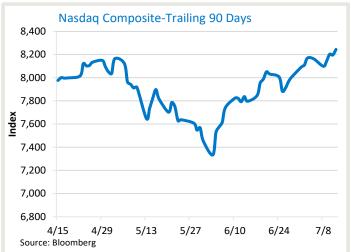
WORLD MARKET PERFORMANCE

Last	Change	% Chg.	YTD %
3,013.77	23.36	0.78%	20.22%
27,332.03	409.91	1.52%	17.17%
8,244.15	82.35	1.01%	24.25%
529.18	-0.33	-0.06%	16.1%
1,055.15	-4.78	-0.45%	9.3%
16,488.12	-53.87	-0.33%	15.12%
42,647.31	-745.65	-1.72%	2.45%
103,906.00	-85.50	-0.08%	18.34%
386.85	-3.26	-0.84%	14.57%
7,505.97	-47.17	-0.62%	11.56%
9,293.20	-41.80	-0.45%	8.82%
	3,013.77 27,332.03 8,244.15 529.18 1,055.15 16,488.12 42,647.31 103,906.00 386.85 7,505.97	3,013.77 23.36 27,332.03 409.91 8,244.15 82.35 529.18 -0.33 1,055.15 -4.78 16,488.12 -53.87 42,647.31 -745.65 103,906.00 -85.50 386.85 -3.26 7,505.97 -47.17	3,013.77 23.36 0.78% 27,332.03 409.91 1.52% 8,244.15 82.35 1.01% 529.18 -0.33 -0.06% 1,055.15 -4.78 -0.45% 16,488.12 -53.87 -0.33% 42,647.31 -745.65 -1.72% 103,906.00 -85.50 -0.08% 386.85 -3.26 -0.84% 7,505.97 -47.17 -0.62%

	Look	Change	o/ Cha	VTD 0/
	Last	Change	% Chg.	YTD %
Swiss Market Index	9,762.98	-217.24	-2.18%	15.82%
CAC 40 Index (France)	5,572.86	-20.86	-0.37%	17.80%
DAX Index (Germany)	12,323.32	-245.21	-1.95%	16.71%
Irish Overall Index	6,295.11	-43.35	-0.68%	14.88%
Nikkei 225	21,685.90	-60.48	-0.28%	8.35%
Hang Seng Index	28,471.62	-303.21	-1.05%	10.16%
Shanghai Composite	2,930.55	-80.51	-2.67%	17.51%
Kospi Index (S. Korea)	2,086.66	-23.93	-1.13%	2.24%
Taiwan Taiex Index	10,824.35	38.62	0.36%	11.28%
Tel Aviv 25 Index	1,597.67	-8.68	-0.54%	9.14%
MOEX Index (Russia)	2,777.58	-57.77	-2.04%	17.23%

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









Equities – Emerging and Frontier Markets

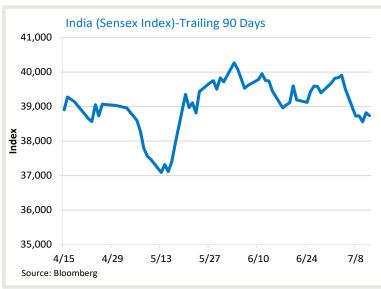
EMERGING AND FRONTIER MARKET PERFORMANCE

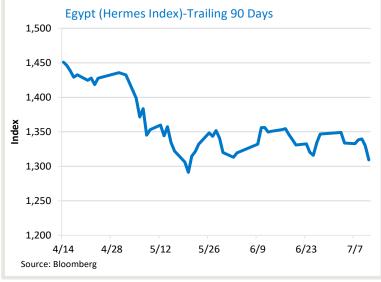
Last	Change	% Chg.	YTD %
42,647.31	-745.65	-1.7%	2.4%
103,906.00	-85.50	-0.1%	18.3%
2,777.58	-57.77	-2.0%	17.2%
1,055.62	3.52	0.3%	7.0%
97,098.38	-2536.44	-2.5%	6.4%
1,309.29	-24.34	-1.8%	2.5%
2,677.90	12.75	0.5%	-5.5%
8,968.23	121.70	1.4%	14.6%
841.46	-8.40	-1.0%	-13.9%
525.86	3.03	0.6%	-0.7%
	42,647.31 103,906.00 2,777.58 1,055.62 97,098.38 1,309.29 2,677.90 8,968.23 841.46	42,647.31 -745.65 103,906.00 -85.50 2,777.58 -57.77 1,055.62 3.52 97,098.38 -2536.44 1,309.29 -24.34 2,677.90 12.75 8,968.23 121.70 841.46 -8.40	42,647.31 -745.65 -1.7% 103,906.00 -85.50 -0.1% 2,777.58 -57.77 -2.0% 1,055.62 3.52 0.3% 97,098.38 -2536.44 -2.5% 1,309.29 -24.34 -1.8% 2,677.90 12.75 0.5% 8,968.23 121.70 1.4% 841.46 -8.40 -1.0%

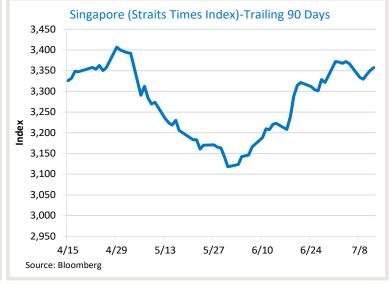
	Last	Change	% Chg.	YTD %
Hang Seng Index	28,471.62	-303.21	-1.1%	10.2%
India (Sensex 30)	38,736.23	-777.16	-2.0%	7.4%
Malaysia (KLCI Index)	1,669.45	-13.08	-0.8%	-1.2%
Singapore (Straits Times Index)	3,357.34	-9.47	-0.3%	9.4%
Thailand (SET Index)	1,731.59	0.36	0.0%	10.7%
Indonesia (Jakarta)	6,373.34	-0.13	0.0%	2.9%
Pakistan (Karachi KSE 100)	33,672.49	-517.53	-1.5%	-9.2%
Vietnam (Ho Chi Minh)	975.40	0.06	0.0%	9.3%
Sri Lanka (Colombo)	5,569.94	54.13	1.0%	-8.0%
Cambodia (Laos)	777.94	-20.68	-2.6%	-7.0%

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









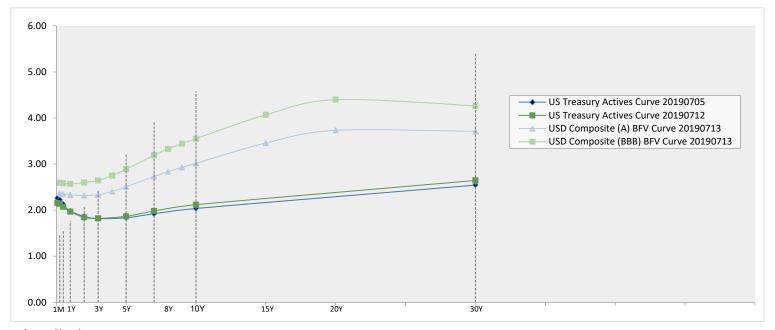
Interest Rates

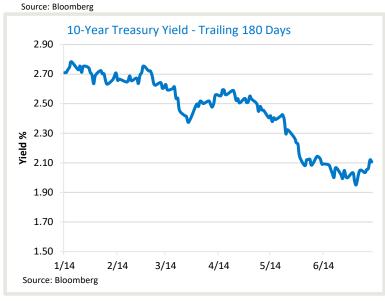
SELECTED INTEREST RATES

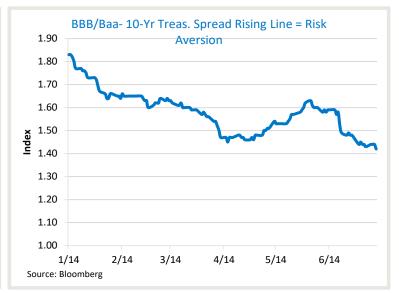
	Last	Change	% Chg.	YTD %
2-Yr. U.S. Treasury	1.84%	0 bps	NM	NM
5-Yr. U.S. Treasury	1.86%	2 bps	NM	NM
10-Yr. U.S. Treasury	2.11%	6 bps	NM	NM
30-Yr. U.S. Treasury	2.63%	8 bps	NM	NM
German 10-Yr. Govt.	-0.21%	0 bps	NM	NM
France 10-Yr.	0.06%	-15 bps	NM	NM
Italy 10-Yr.	1.74%	1 bps	NM	NM
Fed 5-Yr Fwd BE Inf.	1.77%	-3 bps	NM	NM

	Last	Change	% Chg.	YTD %
Prime Rate	5.50%	0.00	NM	NM
Fed Funds Rate	2.50%	0.00	NM	NM
Discount Rate	3.00%	0.00	NM	NM
LIBOR (3 Mo.)	2.30%	-1 bps	NM	NM
Bond Buyer 40 Muni	2.99%	-1 bps	NM	NM
Bond Buyer 40 G.O.	3.46%	NA	NM	NM
Bond Buyer 40 Rev.	3.94%	NA	NM	NM

Source: Bloomberg







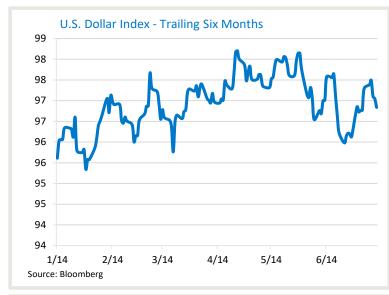
Currencies

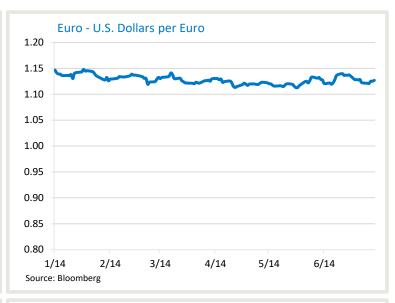
SELECTED CURRENCY PERFORMANCE

	Last	Change	% Chg.	YTD %
Dollar Index	96.83	-0.449	-0.46%	0.69%
Euro	1.13	0.005	0.40%	-1.72%
Japanese Yen	107.88	-0.570	0.53%	1.66%
British Pound	1.26	0.005	0.43%	-1.40%
Canadian Dollar	1.30	-0.005	0.37%	4.63%

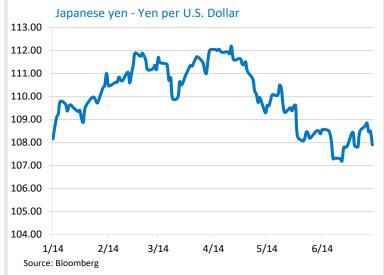
	Last	Change	% Chg.	YTD %
Chinese Yuan	6.88	-0.013	0.19%	-0.03%
Swiss Franc	0.98	-0.008	0.76%	-0.20%
New Zealand Dollar	0.67	0.007	0.98%	-0.39%
Brazilian Real	3.74	-0.082	2.18%	3.60%
Mexican Peso	18.99	-0.025	0.13%	3.48%

Source: Bloomberg







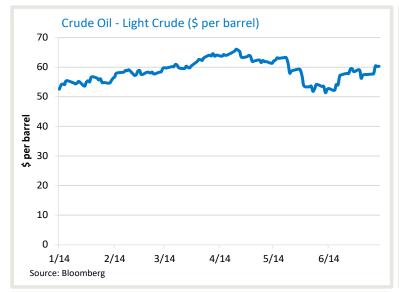


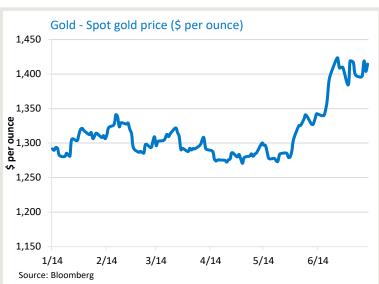
Commodities

SELECTED COMMODITY MARKET PERFORMANCE

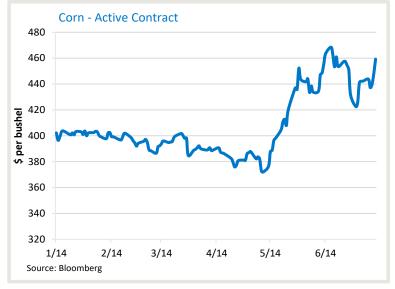
	SELECTED CONTINUEDITI										
	Last	Change	% Chg.	YTD %							
Bloomberg Comm. ldx.	81.02	1.91	2.41%	5.61%							
Crude Oil	\$60.32	\$2.81	4.89%	26.72%							
Natural Gas	\$2.46	\$0.04	1.70%	-10.81%							
Gasoline (\$/Gal.)	\$2.78	\$0.02	0.65%	22.95%							
Heating Oil	198.43	7.85 4.12%		17.51%							
Gold Spot	\$1,415.00	\$15.07	1.08%	10.29%							
Silver Spot	\$15.22	\$0.22 1.46		-1.78%							
Source: Bloomberg; % change is based on price.											

	Last	Change	% Chg.	YTD %
Platinum Spot	\$831.01	\$20.50	2.53%	4.42%
Corn	459.25	17.00	3.84%	15.53%
Wheat	523.00	8.00	1.55%	-0.99%
Soybeans	931.50	37.00	4.14%	-0.40%
Sugar	12.30	-0.06	-0.49%	-1.84%
Orange Juice	103.40	1.40	1.37%	-20.40%
Aluminum	1,828.00	25.00	1.39%	-0.98%
Copper	5,955.00	53.00	0.90%	-0.17%









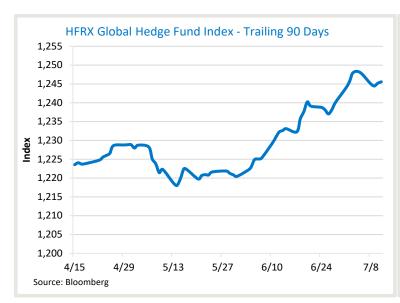
Alternative Investments

SELECTED ALTERNATIVE INVESTMENT INDEX PERFORMANCE

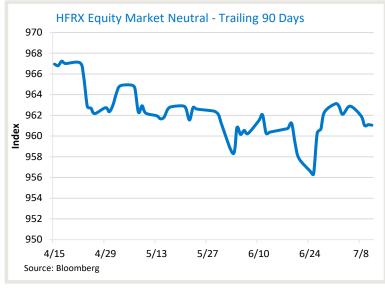
	Last	Change	% Chg.	YTD %
HFRX Global Hedge Fund Index	1245.56	-2.47	-0.20%	4.68%
HFRX Equity Market Neutral	961.05	-1.84	-0.19%	-1.19%
HFRX Equity Hedge Index	1230.91	0.86	0.07%	6.93%
HFRX Event-Driven Index	1513.05	-0.53	-0.04%	2.84%
HFRX Absolute Return Index	1077.31	0.04	0.00%	1.82%

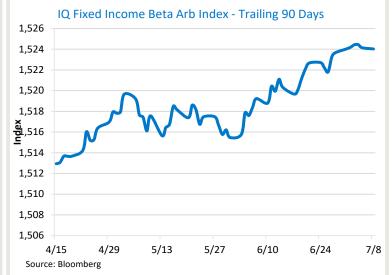
	Last	Change	% Chg.	YTD %
HFRX Special Situation Index	1222.71	-0.44	-0.04%	1.64%
HFRX Merger Arbitrage Index	1779.53	-0.55	-0.03%	-2.10%
HFRX Convertible Arbitrage Index	810.69	0.72	0.09%	2.93%
HFRX Macro CTA Index	1159.16	-12.42	-1.06%	2.94%
IQ Fixed Income Beta Arb Index	1524.91	0.76	0.05%	4.26%

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

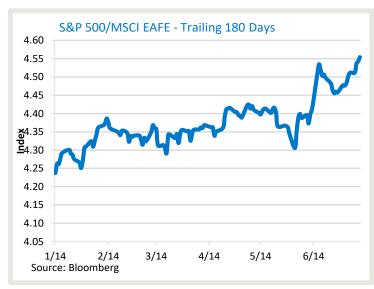


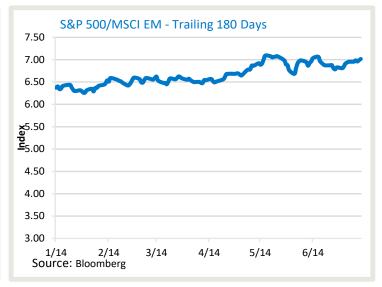


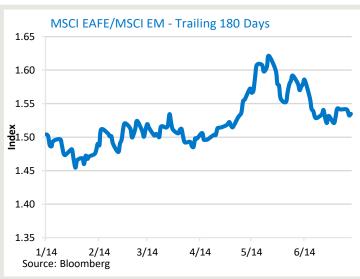




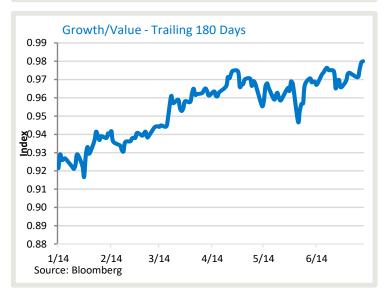
Portfolio Construction



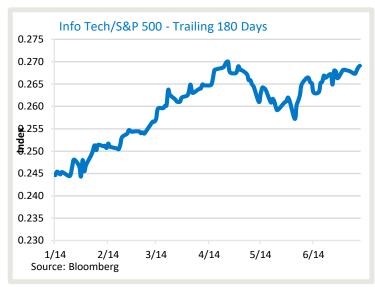


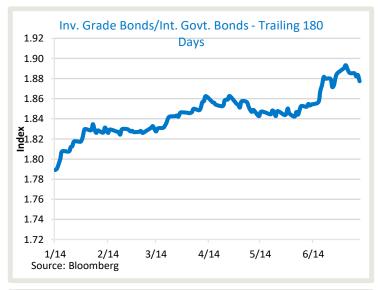


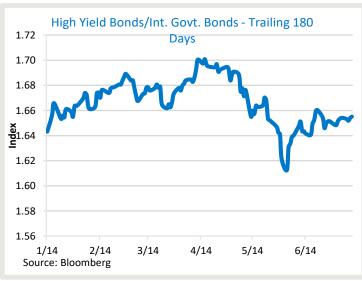


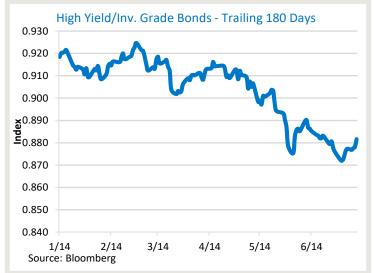


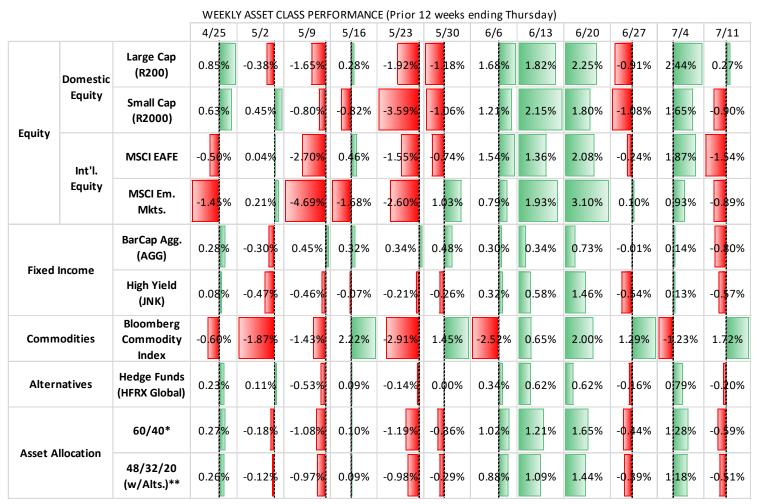
Portfolio Construction (continued)











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.

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

	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	1.01	1.02	1.05	1.02	1.09	1.20	1.16	1.25	1.13	1.15	1.11	1.14	1.10	1.18
Large Cap Growth	0.99	1.00	1.01	1.04	1.01	1.08	1.19	1.15	1.24	1.12	1.14	1.10	1.13	1.09	1.17
Large Cap Value	0.98	0.99	1.00	1.03	1.00	1.07	1.18	1.14	1.23	1.11	1.13	1.09	1.13	1.08	1.16
Mid Cap Core	0.95	0.96	0.97	1.00	0.97	1.04	1.14	1.10	1.19	1.07	1.09	1.06	1.09	1.04	1.12
Mid Cap Growth	0.98	0.99	1.00	1.03	1.00	1.07	1.17	1.14	1.22	1.10	1.12	1.09	1.12	1.08	1.15
Mid Cap Value	0.92	0.92	0.93	0.96	0.94	1.00	1.10	1.06	1.14	1.03	1.05	1.02	1.05	1.01	1.08
Small Cap Core	0.84	0.84	0.85	0.88	0.85	0.91	1.00	0.97	1.04	0.94	0.96	0.93	0.96	0.92	0.99
Small Cap Growth	0.86	0.87	0.88	0.91	0.88	0.94	1.03	1.00	1.08	0.97	0.99	0.96	0.99	0.95	1.02
Small Cap Value	0.80	0.81	0.81	0.84	0.82	0.87	0.96	0.93	1.00	0.90	0.92	0.89	0.92	0.88	0.94
Int'l. Developed	0.89	0.89	0.90	0.93	0.91	0.97	1.06	1.03	1.11	1.00	1.02	0.98	1.01	0.97	1.05
Emerging Markets	0.87	0.88	0.89	0.92	0.89	0.95	1.04	1.01	1.09	0.98	1.00	0.97	1.00	0.96	1.03
REITs	0.90	0.91	0.92	0.95	0.92	0.98	1.08	1.04	1.13	1.02	1.03	1.00	1.03	0.99	1.06
Commodities	0.87	0.88	0.89	0.92	0.89	0.95	1.05	1.01	1.09	0.99	1.00	0.97	1.00	0.96	1.03
Int. Bond	0.91	0.92	0.93	0.96	0.93	0.99	1.09	1.05	1.14	1.03	1.04	1.01	1.04	1.00	1.07
High Yield	0.85	0.86	0.86	0.89	0.87	0.93	1.01	0.98	1.06	0.96	0.97	0.94	0.97	0.93	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 Nasdaq 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 ReturnSM 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. Investment Grade or Investment Grade Bond – The broad credit designation given to corporate and municipal bonds which have a high probability of being paid and minor, if any, speculative features. Bonds rated Baa and higher by Moody's Investor Services or BBB and higher by Standard & Poor's are deemed by those agencies to be "investment grade". Non-Investment Grade - By definition, junk bonds are non-investment grade. A bond rated lower than Baa/BBB, also called a "high-yield" bond. Junk bonds are speculative compared with investment grade bonds. Risk-On Risk-Off - An investment setting in which price behavior responds to, and is driven by, changes in investor risk tolerance. Risk-on risk-off refers to changes in investment activity in response to global economic patterns. During periods when risk is perceived as low, risk-on risk-on risk-off theory states that investors tend to engage in higher-risk investments. When risk is perceived as high, investors have the tendency to gravitate toward lower-risk investments.

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