

When investors think back to the Third Quarter of 2015, what will they remember? Stocks entered “correction territory”? Or that oil crashed? Or that China melted down for a few weeks in August? Or the global economy slowing? Or that the Federal Reserve couldn’t agree on interest rates nor could they reliably give any direction on economic conditions? Today it may seem like we narrowly avoided financial ruin and should remain highly cautious. Or we could look back on it and see it as a tremendous buying opportunity because you can’t expect gains without possible losses. It’s not unhealthy, or uncommon for the stock market to fall. If the stock market never falls, there’s no risk and if there’s no risk, there’s no risk premium. The equity risk premium that investors receive, and pay for with the possibility of losing portfolio value, has always been there in varying degrees throughout history. When the market shoots up like the last few years, investors can forget they have a bill to pay – the risk premium bill – and we paid it in the third quarter.

For the quarter, stocks were sharply negative. It was the worst quarter for the S&P 500, the Dow Jones Industrial Average and the NASDAQ composite since the 3rd Quarter of 2011¹. Emerging Markets lost nearly 18% in the three months alone¹. The strongest catalysts for poor equity performance were threefold:

- Trouble in the Energy and Materials sectors as oil’s drop intensified in August along with other commodities,
- China’s stock market swiftly pulled back and stoked fear amongst investors and instigated some panic selling, and,
- Broad based selling based on uncertainty regarding the economic cycle mainly through the Federal Reserve’s indecision on interest rates and gloomy outlook. The market seemed to recalibrate based on a new macroeconomic outlook.

Outside the US and Emerging Markets, equity performance was at best mediocre. Europe held up decently well until German markets were shaken by an automaker’s emissions scandal. Canada was swept up in the Energy sell-off as it is a natural resource driven economy. Japan was up and down, as government intervention remained in an attempt to provide a spark to their capital markets. Overall, it was difficult to find any bright spots for equities around the globe during the quarter.

Bonds rallied as a whole but sector performance was dispersed for the quarter. As a safe haven, capital flew out of equities, particularly Emerging Markets, and into less risky assets. In the US, Treasuries rallied and yields dropped after the Fed’s policy promised to remain accommodative for another month at least. Inflation expectations dropped. Not everything was positive for bonds values though, high yields spread rose to their highest levels since the 2008 Financial Crisis² mainly due to problematic issuers in the Energy space. Emerging Markets debt was also pummeled due to a rising US dollar and political instability in some areas.

As always please let know of any questions and concerns, we hope the data, charts, tables, graphs and commentary in the following slides can help paint the picture for the quarter’s investment performance.

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Analyst

See Disclosure, Page 48

¹ Morningstar Direct as of 9/30/15

² See Attached Slide #46, <https://research.stlouisfed.org/fred2/series/BAMLH0A0HYM2>

2015

Third Quarter

Performance Notes

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KAVAR
CAPITAL PARTNERS

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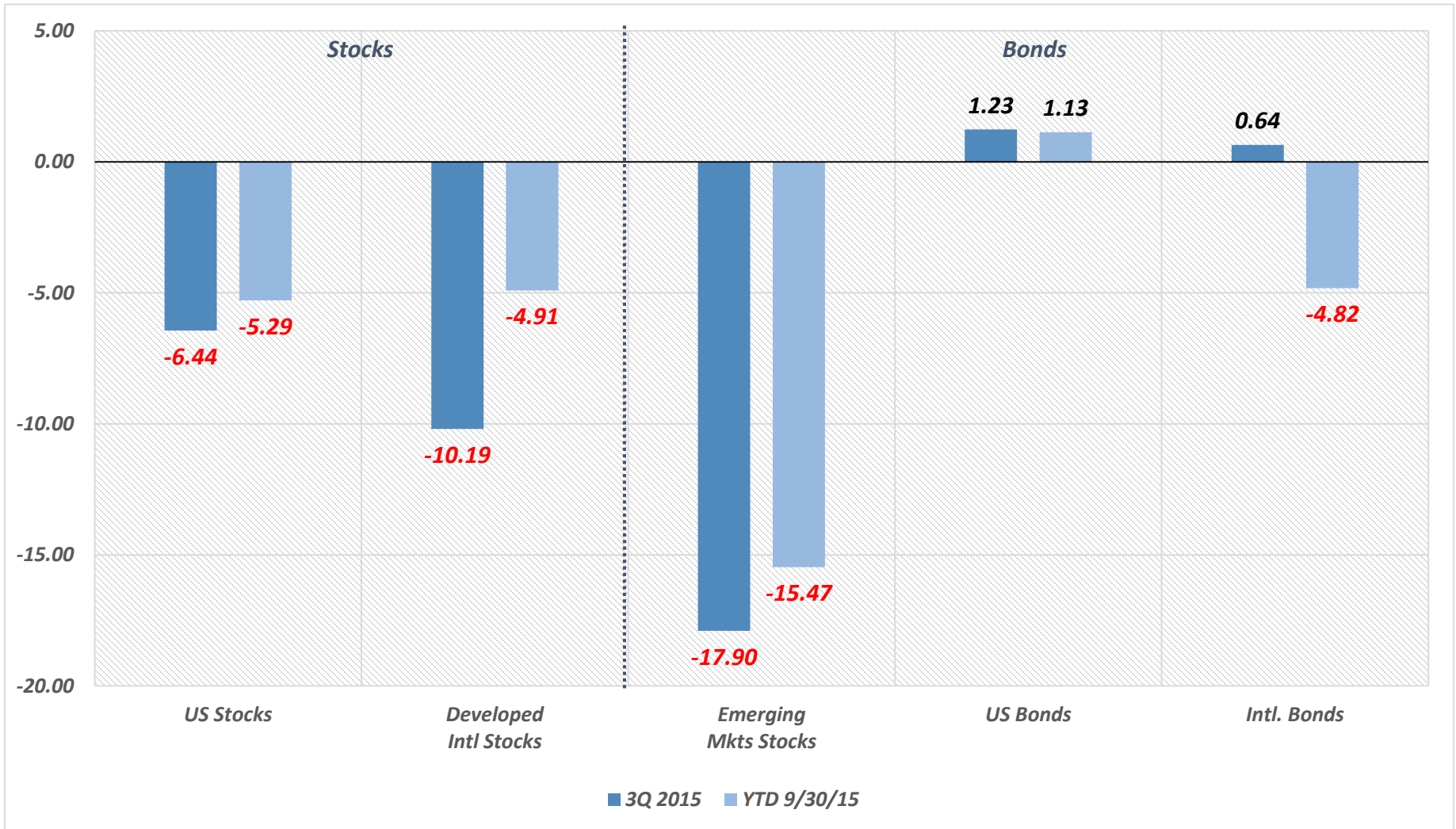
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Global Broad Markets

Total Returns: 7/1/15 – 9/30/15 and Year to Date 9/30/15



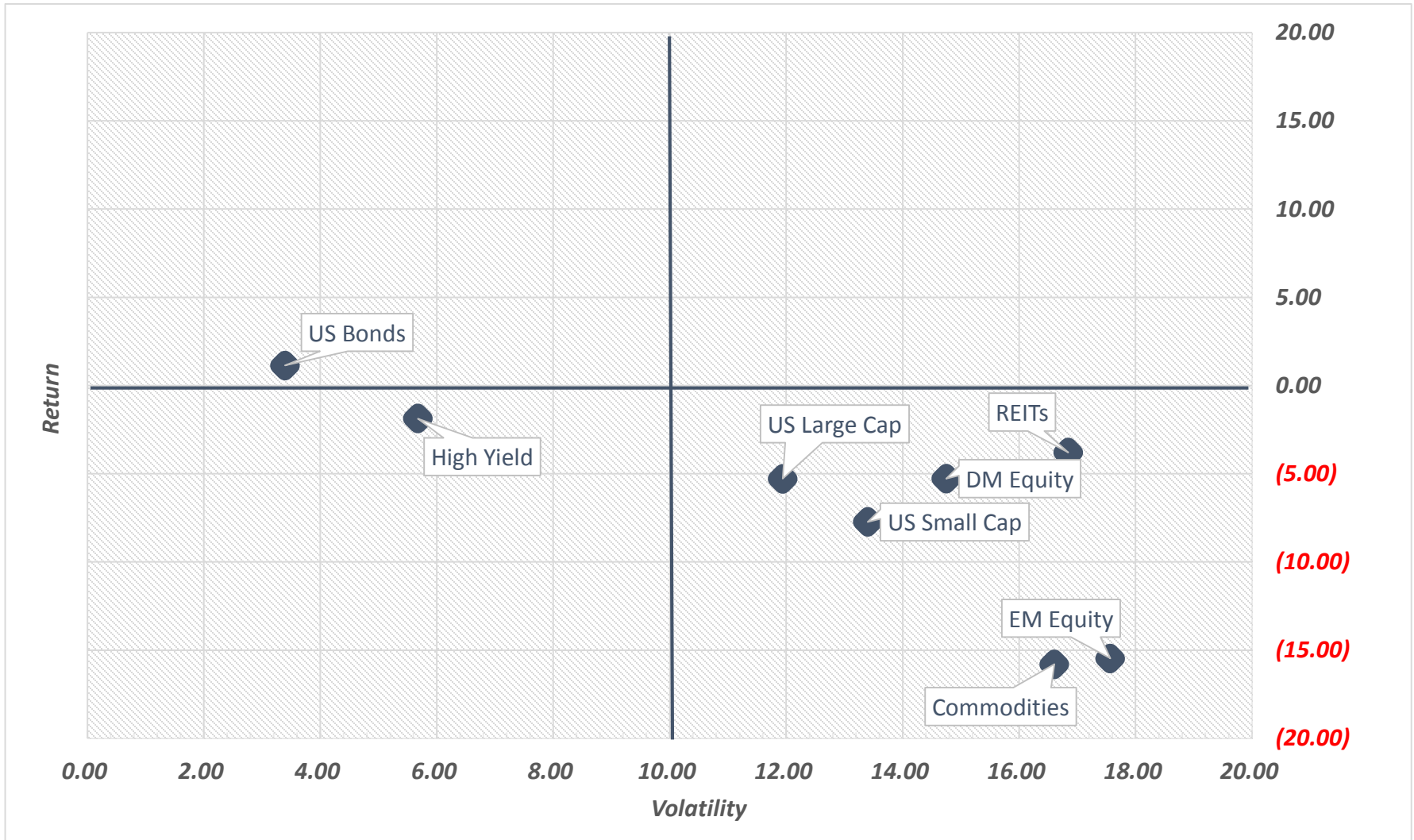
Source: Morningstar Direct as of 9/30/2015, see page 49 for asset class descriptions and index proxies

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See Disclosure and Index Definitions, Pages 48-49

Asset Class Scatter Plot

Year to Date 9/30/15, Total Returns, Daily

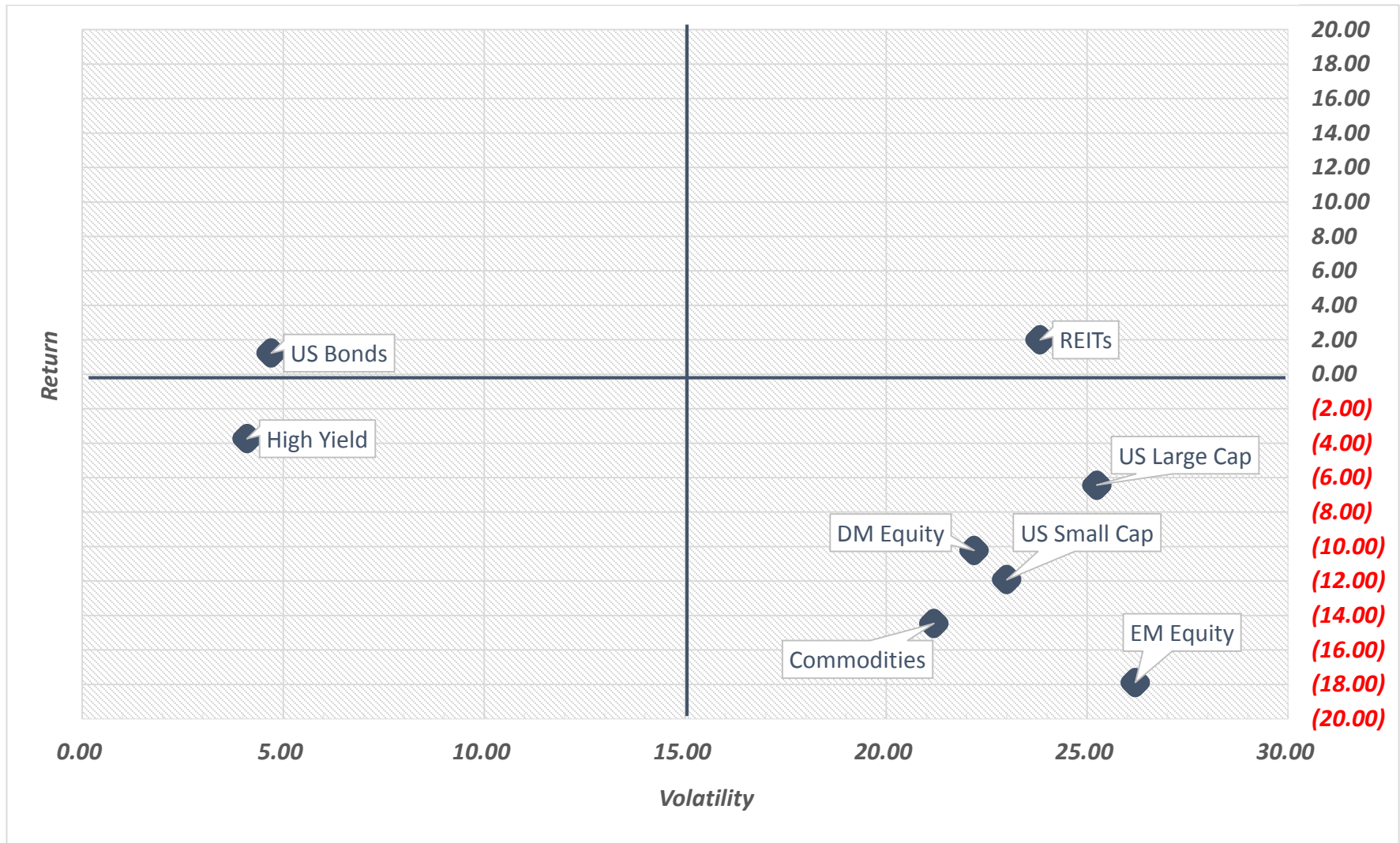


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Asset Class Scatter Plot

3rd Quarter 2015, Total Returns, Daily



Source: Morningstar Direct as of 9/30/2015, see page 49 for asset class descriptions and index proxies

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Asset Class Heatmap

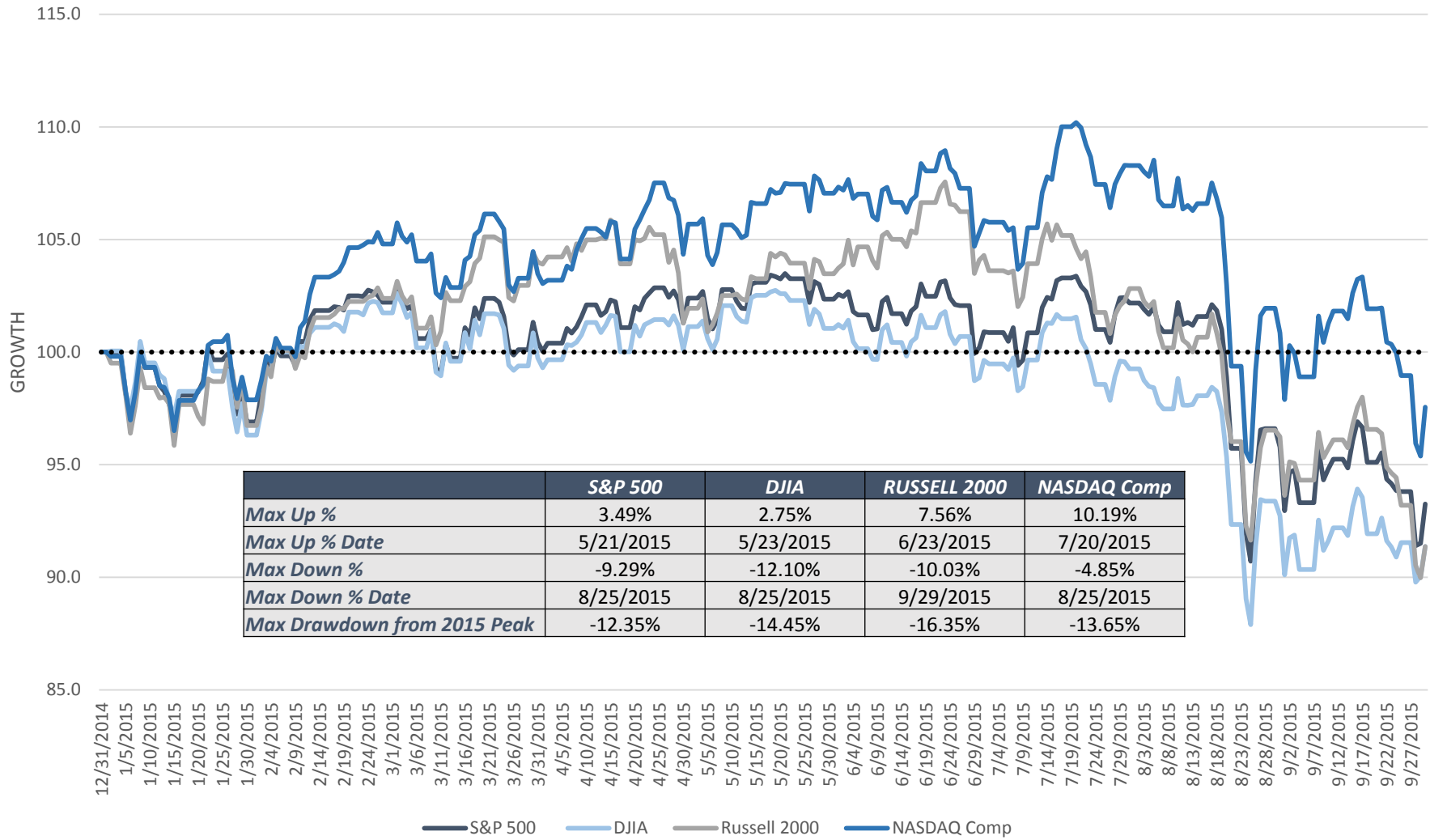


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Major US Indices in 2015



Source: Morningstar Direct as of 9/30/2015

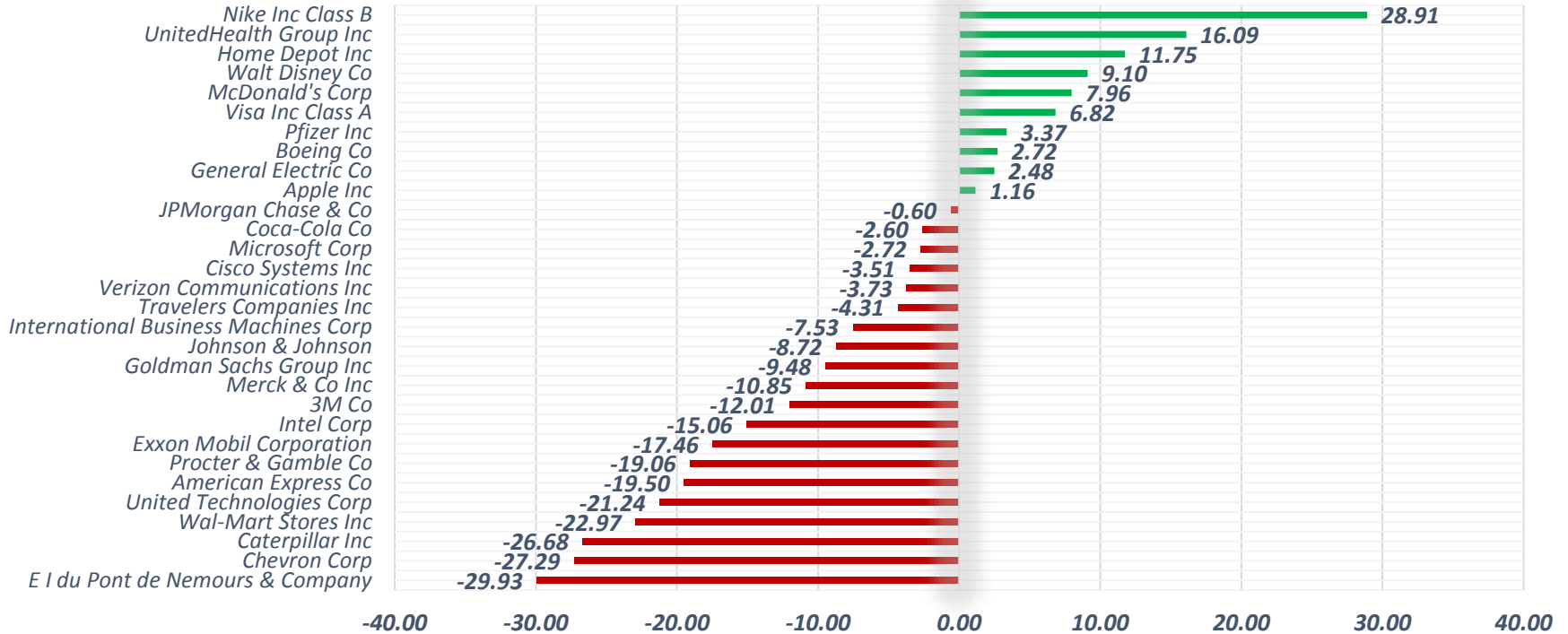
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Dow Jones Industrial Average



DJIA Individual Company Returns (%), YTD 9/30/15



- The Dow finished the quarter down 6.95% for the year on a total return basis, erasing the narrow gain it made during the first half of the year. It produced a -6.98% return for the three months.
- The Dow's last negative year was 2008 and its worst performing year since was 2011 with a +8.4% return for the year.
- For the quarter, Nike was a positive outlier for the index, gaining over 14%. The company released a very strong earnings report in September.
- Caterpillar lost significant value during the month of September after releasing a very pessimistic statement on global growth.
- Chevron and Exxon Mobil continued their up and down moves in near lockstep with the price of oil.
- Apple placed in a rare spot as one of the bottom performers during the 3rd quarter but for the year has a solid return figure. The company has large exposure to the Chinese economy.
- Microsoft is falling further behind large tech companies like Google, Apple, and others.

Source: Morningstar Direct as of 9/30/2015

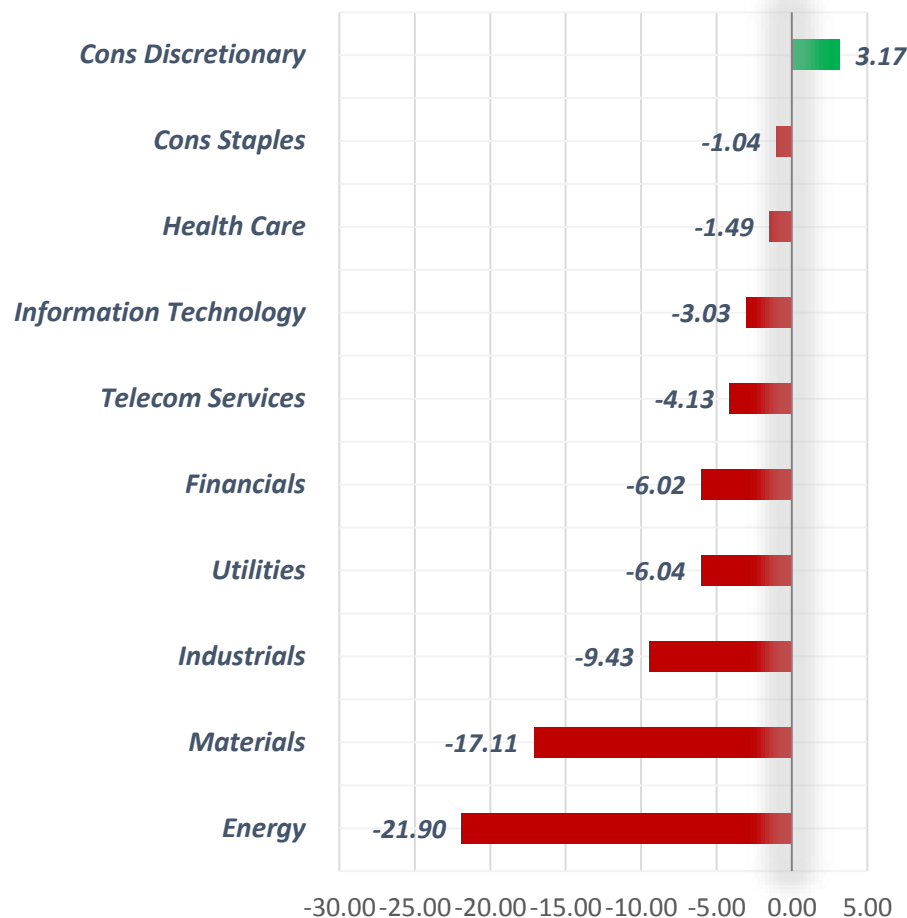
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See Disclosure and Index Definitions, Pages 48-49

US Equities by Sector

- Every US sector sans Consumer Discretionary is negative for 2015, with the Materials and Energy sectors losing the most.
- Energy companies have fallen primarily due to the drop in oil and gas prices during the past twelve months. Earnings have decreased significantly in this sector.
- Materials companies tell a similar story to the Energy sector as companies have fallen along with the prices of the commodities they produce. Metals like gold, copper and steel as well as chemicals, paper, etc. are down for the year, effecting the earnings of the price-taking producers.
- For the third quarter, the Healthcare sector was pulled down by the September developments in Biotechs. These companies came under scrutiny politically and led to a swift decline, losing over 20% in just eight days. A drop like that hadn't occurred in the sector since October 2008. The Healthcare sector was leading the pack at mid year with solid gains but has given those up and then some during the past three months.
- Consumer Staples and Utilities held up during the third quarter sell off.

US Sector Returns (%), YTD 9/30/15



See Disclosure and Index Definitions, Pages 48-49

Source: Morningstar Direct as of 9/30/2015, Bloomberg/Bespoke Investment Group¹

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US Equities by Style



**Total Return: 3rd Quarter (top)
and YTD 9/30/15 (bottom)**

3rd Qtr.
YTD 9/30/15

- For the quarter, the Small Cap area saw the biggest drawdowns during the pullback with Small Cap Growth leading the way down, losing over 13% in the three months.
- Overall, Growth held up better during the quarter than Value. Large Cap Growth has been the best performing US equity style during 2015. This can also be observed by looking at the performance of the Growth heavy NASDAQ Composite and its large allocation to Tech stocks.
- Performance deteriorated down the cap spectrum. Larger, more mature businesses outperformed smaller companies. The effects on the largest multinational stocks of the rallying US dollars subsided some during the quarter. This effect had helped small caps during the first half of the year.

<i>US Style Indices</i>			
-5.93	-7.25	-8.59	Total
-7.73	-10.06	-5.45	
-4.13	-6.31	-8.55	Large
-0.42	-4.99	-9.53	
-7.99	-8.01	-8.04	Mid
-4.15	-5.84	-7.66	
-13.06	-11.92	-10.73	Small
-1.86	-9.05	-5.47	
Growth	Core	Value	

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Source: Morningstar Direct as of 9/30/2015, see page 49 for style descriptions and index proxies
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US Equities by Factor



Factor	3rd Qtr. 2015	YTD 9/30/15
Momentum	-4.19	+1.41
Value	-7.55	-7.97
Quality	-3.35	-1.07
Yield	-4.19	-6.75
Size	-8.33	-6.69
Low Volatility	-1.26	-0.62

Factor Indexes are systematic rules-based indexes that represent the return of factors which have earned a persistent premium over long periods of time.

Emphasis:

Quality: High ROE, stable earnings growth, low leverage

Value: Low P/S, P/E, P/CF, P/B

Size: Equal weighted index exploits small cap premium

Low volatility: low beta and volatility

Yield: High dividend yield

Momentum: high price momentum

- For the year, the price momentum factor weighted index has held onto its earlier gains through the correction.
- The most significant action this quarter was in the small cap space. The size factor index (equally weighted across all US companies which places a greater emphasis on small caps over large caps) lost over 8% over three months. The small cap premium that has been observed also comes with higher volatility.
- Value orientations (low prices multiples) slumped considerably as well, losing over 7.5% in the quarter alone. When compared to the Quality factor, which has held up relatively well during the year, it's apparent that some companies and sectors become cheap for fundamental reasons. For instance, the Energy space has at times this year appeared historically cheap based on some valuation methods – particularly dividend yield and trailing price multiples, however, as oil and gas prices plummeted the fundamentals changed and the companies lost value based on future prospects.
- Low volatility factors predictably have held up well as markets moved erratically.

Source: Morningstar Direct as of 9/30/2015, see page 49 for style descriptions and index proxies

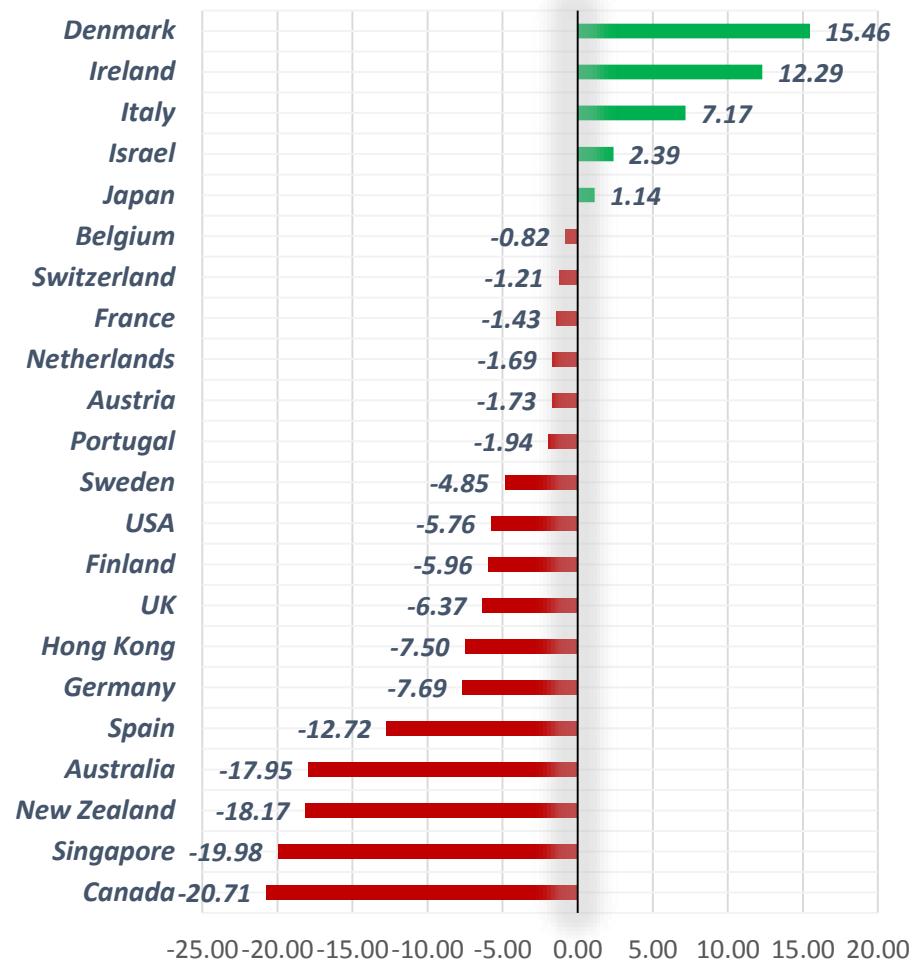
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Developed Intl. Markets

- Developed International Markets continued to show dispersion through the end of the third quarter.
- In Asia, Singapore and Hong Kong indices were pulled down along with China mainland markets while Japan was somewhat insulated from the panic selling.
- Japan has embarked on further economic stimulus, nicknamed 'Abenomics' after PM Shinzo Abe, which initially brought appeal to the markets during the first half of the year but the trend reversed during the third quarter. The market is still positive for 2015 despite other Asian weakness.
- In Europe, Germany markets felt the effects of the large automaker, Volkswagen's, emission scandal in September. After the subsequent sell off at the broad market level, German stocks have lost nearly 10% for the quarter.
- Australia markets are experiencing a market downturn along with a weakening currency. Commodity and real estate prices falling in the country are threatening to bring on the first recession for the country in decades. The Aussie Index lost nearly 15% during the third quarter.
- Canada's natural resource focused economy was further impacted by weak energy prices. The Canadian index lost nearly 15% as well during the third quarter.

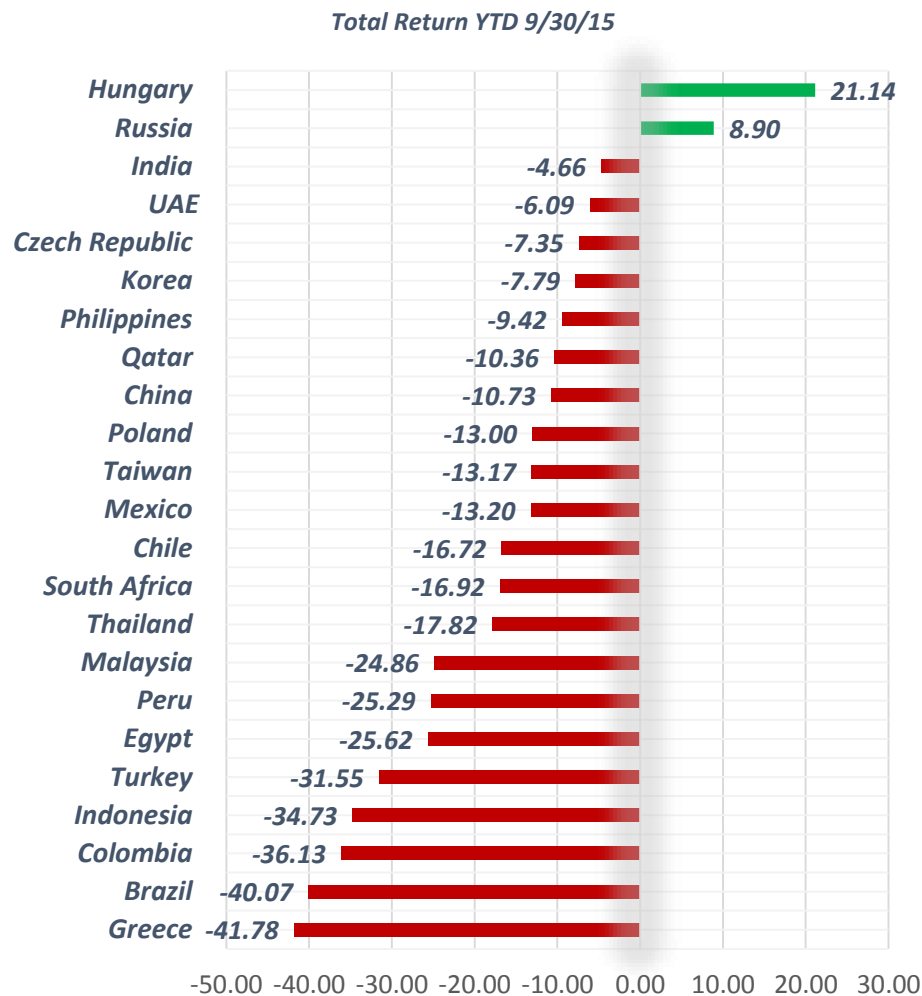
Total Return YTD 9/30/15



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Emerging Markets

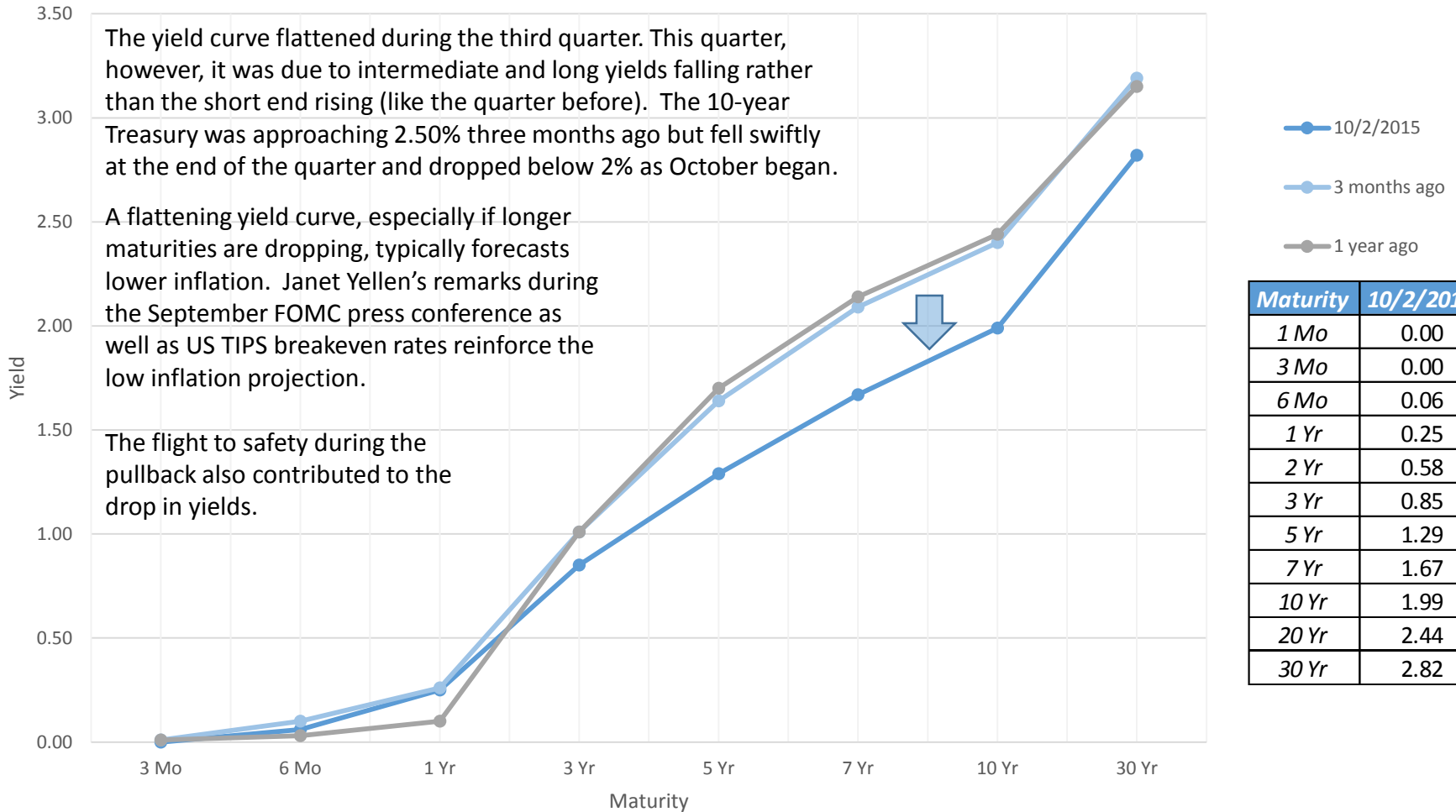
- Emerging Markets have seen a drastic sell off and capital outflows during 2015 that intensified during the third quarter. The asset class is one of the most negative contributors to portfolios. The strongest factors in this decline is the rising US dollar and sinking commodity prices.
- Characteristically, Emerging economies rely heavily on producing natural resources and as the world saw an across the board drop in commodity prices their home companies struggled.
- China, for all of it's headlines, is still "only" down as an investable market by about 11% for the year.
- The bigger story among the BRICs was Brazil. The resource focused economy cratered along with the country's currency in the third quarter. The Brazil Index lost nearly 34% during the three months. The downturn spread to other South American markets that are heavily influenced by commodity prices: Colombia, Peru and Chile.
- Greece has not recovered from it's near total collapse earlier in the year.
- The lone positives came in Eastern Europe as Russia and Hungary markets were in the green.



US Treasury Yield Curve



As 10/2/15



Source: US Treasury as of 10/2/15²

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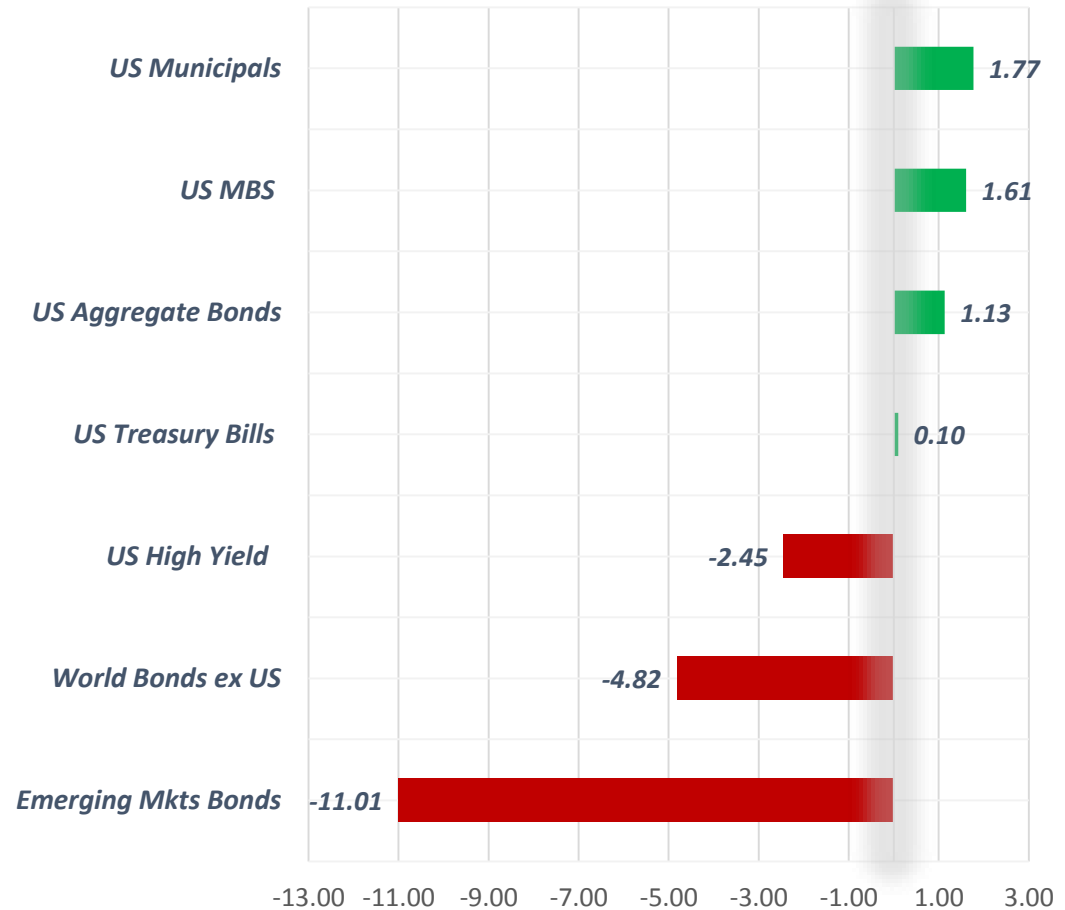
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Fixed Income



- As monetary policies diverge around the world, volatility picked up in the bond markets.
- In the US, capital flowed to bonds from the equity markets and fixed income produced moderate returns as yields dropped. Munis have held up well despite Puerto Rico's turmoil. The Junk bond sector was the exception to this as further weakness amongst Energy and other commodity sensitive issuers was pronounced.
- Globally the story was Emerging Markets as yields and uncertainty shot up during the quarter. Most of the negative total return is attributed to the currency rout that was experienced. The table on the right shows returns in US dollar terms. In local currency terms its not as negative of a picture. The volatility present in EM debt illustrates it's dissimilarities from other fixed income sectors.
- Emerging Markets bonds lost value in 2013 and 2014 as well.

Total Returns, YTD 9/30/15



Source: Morningstar Direct as of 9/30/15, see page 49 for asset class descriptions and index proxies

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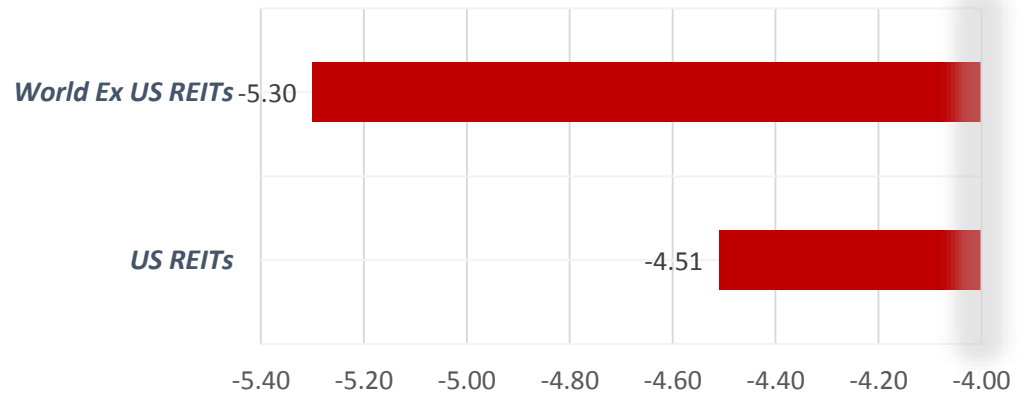
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Real Estate

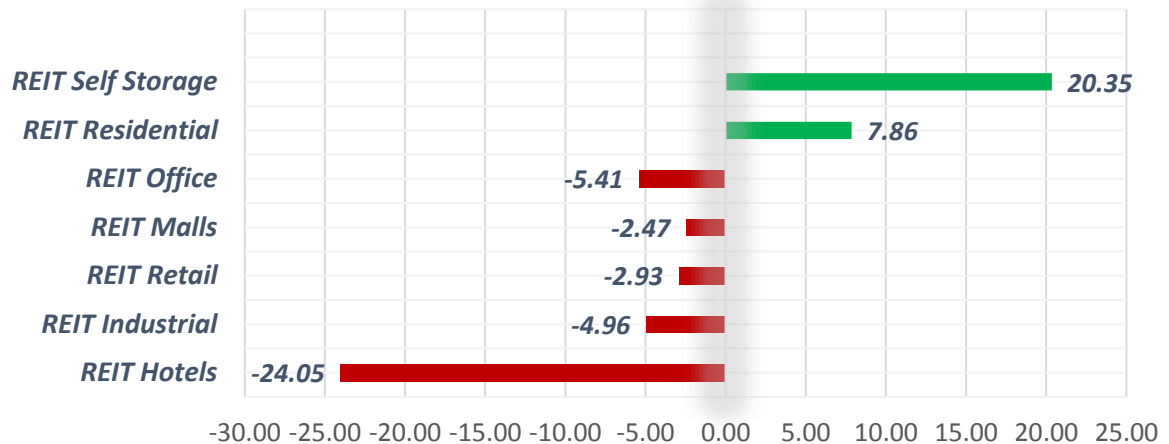


- REITs were among the worst performing asset class during the 2nd quarter but were a relatively positive contributor during the past three months albeit mostly out of focus to investors due to other developments.
- REITs will historically respond to interest rates and react positively when rates drop as they did this quarter.
- For the year, both US and International REITs are down but US REITs returned a small gain during the quarter.
- Sector wise, Self Storage properties were typically reliable, while Hotels struggled the most.

Total Return YTD 9/30/15



Total Return YTD 9/30/15



Source: Morningstar Direct as of 9/30/2015, see page 49 for asset class descriptions and index proxies

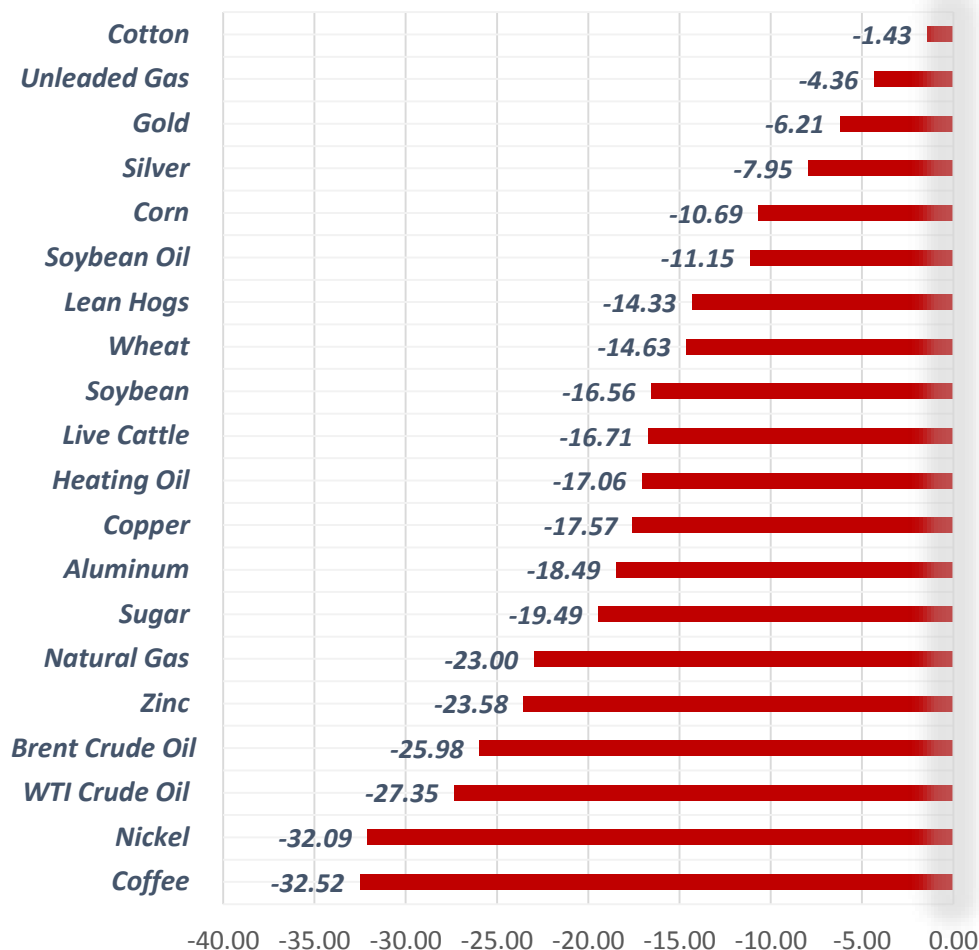
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Commodities

- Obviously its hard to draw anything positive from the chart on the right. The drop in commodity prices was deep and all encompassing for the quarter – effecting raw materials of all types: energy, agriculture, metals, paper and clothing materials, chemicals, etc.
- Crude Oil somewhat settled in a tighter range in September but during August the commodity crashed swiftly, bottoming out below \$40 – its lowest levels since 2009. Oil’s long term decline was exacerbated this quarter and led to a good portion of the anxiety within markets. Gasoline products have yet to completely respond to the drop in oil but began to loosen up in September.
- Industrial metals – copper, nickel, aluminum, etc. - continued their decline as well during the quarter.
- Even Gold, which is typically seen as a safe haven asset, lost value in the commodity rout, dropping 5% for the quarter.

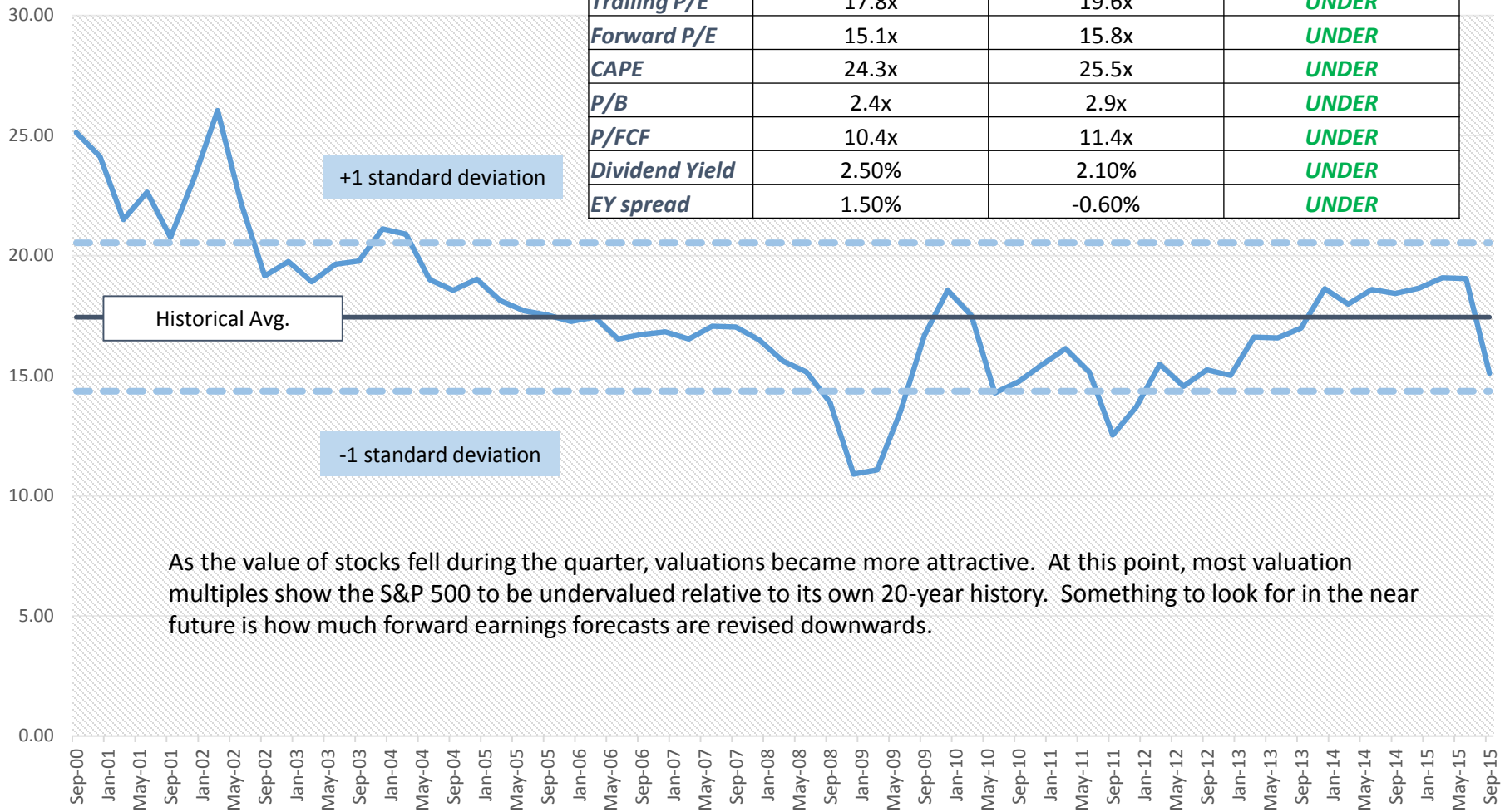
Commodities Total Returns (%), YTD 9/30/15



See Disclosure and Index Definitions, Pages 48-49

US Equity Valuations

S&P 500 Trailing P/E Ratio

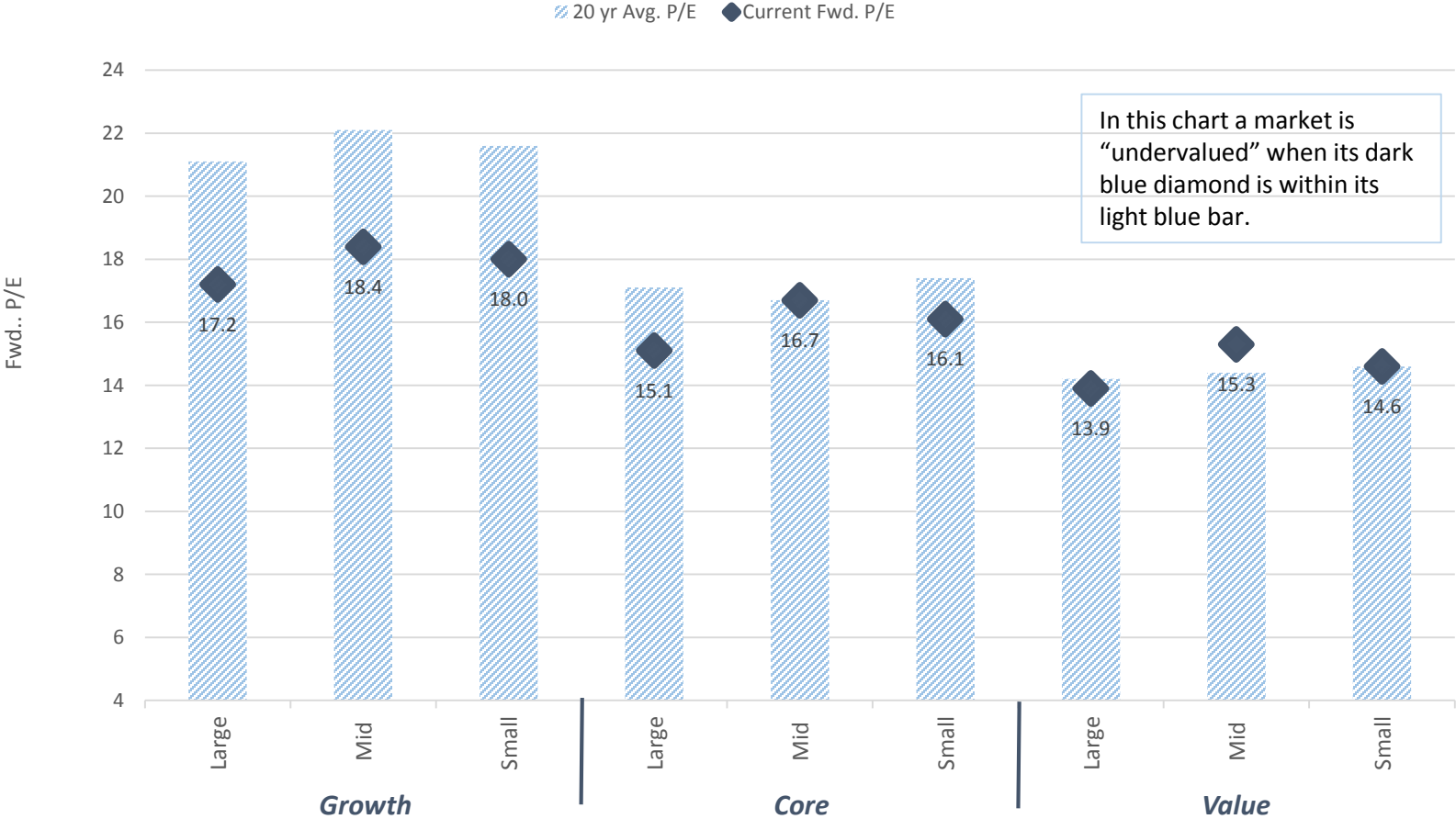


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Source: JP Morgan Guide to the Markets, Morningstar Direct as of 9/30/2015

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US Valuations by Style

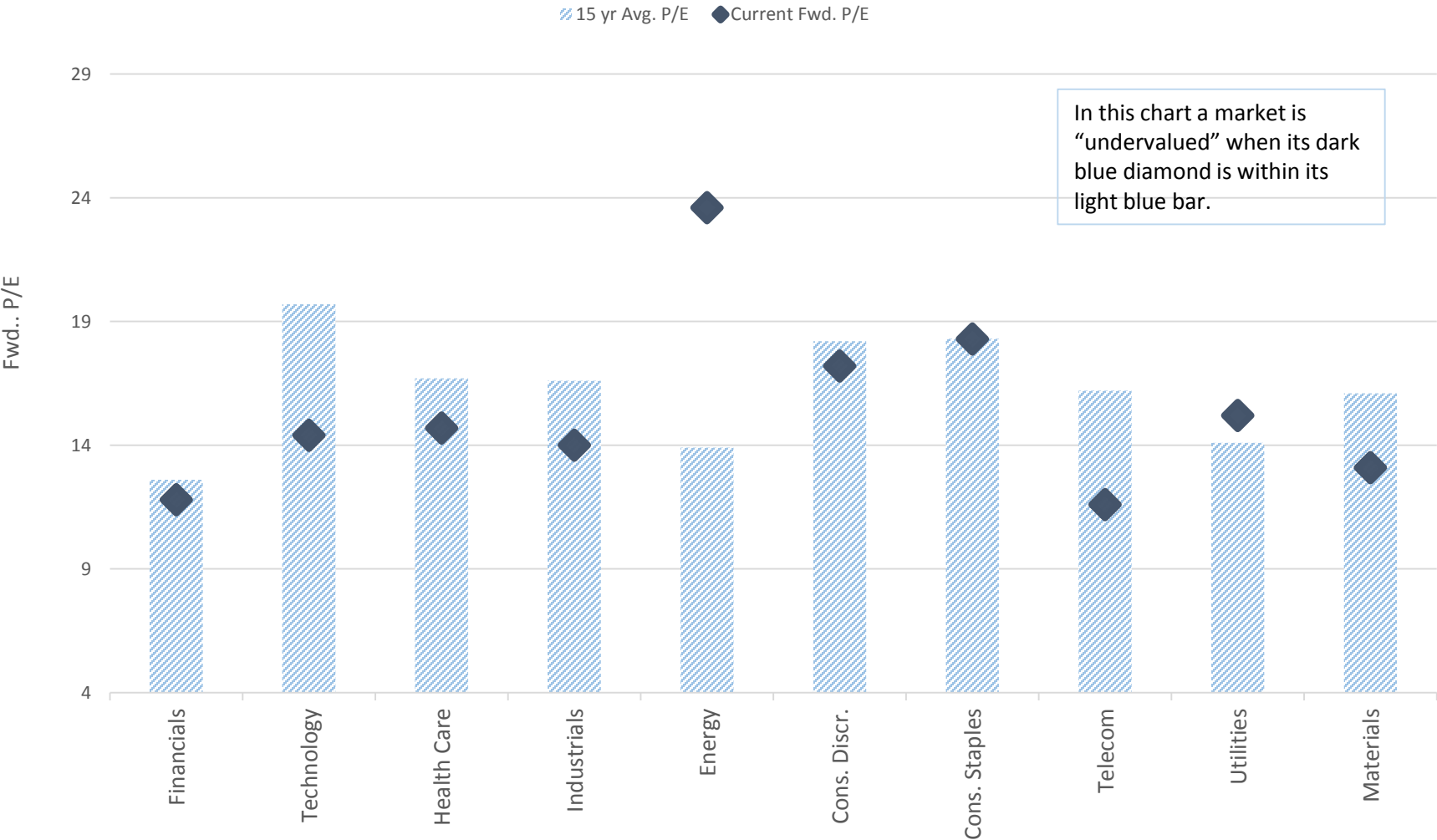


Source: JP Morgan Guide to the Markets, as of 9/30/2015

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US Valuations by Sector



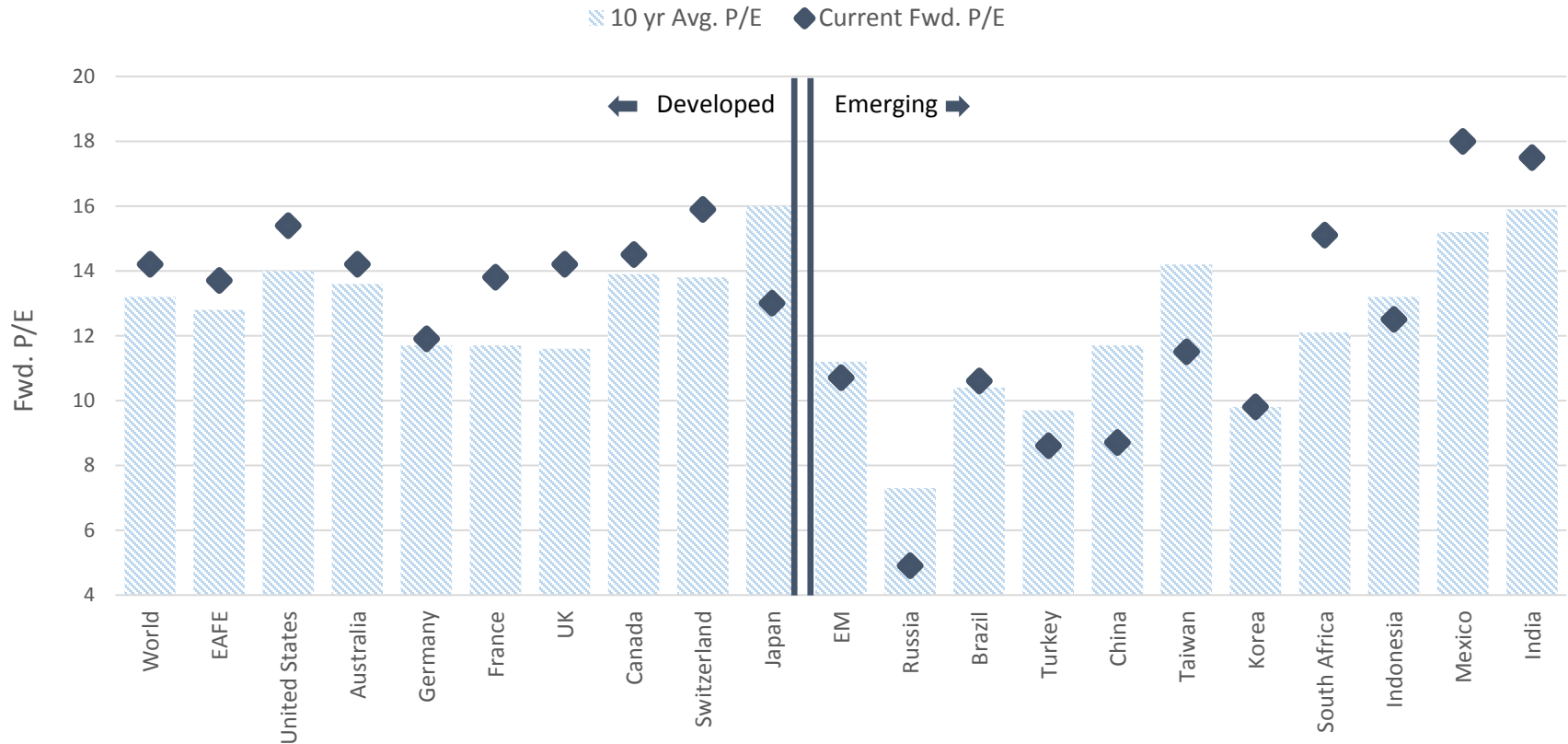
In this chart a market is “undervalued” when its dark blue diamond is within its light blue bar.

Source: JP Morgan Guide to the Markets as of 9/30/15

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Global Equity Valuations



On a ten year historical basis the valuation story changed for some markets (including the US). However, some Emerging Markets economies are beginning to display attractiveness after the large decline of the past quarter,

In this chart a market is “undervalued” when its dark blue diamond is within its light blue bar (for example, Japan and Turkey)

Source: JP Morgan Guide to the Markets as of 9/30/2015

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Week of August 17



US stocks had stayed in very tight range for the first seven months of 2015, and at close of business on Friday, August 14th the S&P 500 had gained 1.6% for the year, while the Dow had dropped nearly 2%. The NASDAQ was leading these two on the strength of large tech names like Amazon, Netflix, Apple, and others. There was some concern brewing over China's currency and stock market manipulation.

Starting on August 18th, stock began to sell off and were slightly lower. On August 19th, the damage was worse with the major indices losing close to 1% and on Thursday, August 20th investors saw a sharper decline – the S&P 500 and the Dow lost about 2% while the NASDAQ lost 2.8%.

However, on Friday, the markets opened lower and gradually continued falling. The S&P 500, Dow and NASDAQ were all lower by over 3%. The Dow and the NASDAQ entered into correction territory for the first time since 2011 on this day, dropping over 10% from their peaks. This week also saw oil prices continue to decline but stay above \$40/barrel.

Collectively the S&P 500 stocks lost 5.8% during the week and set the stage for an anxious weekend ahead of Monday's open.

See Disclosure and Index Definitions, Pages 48-49

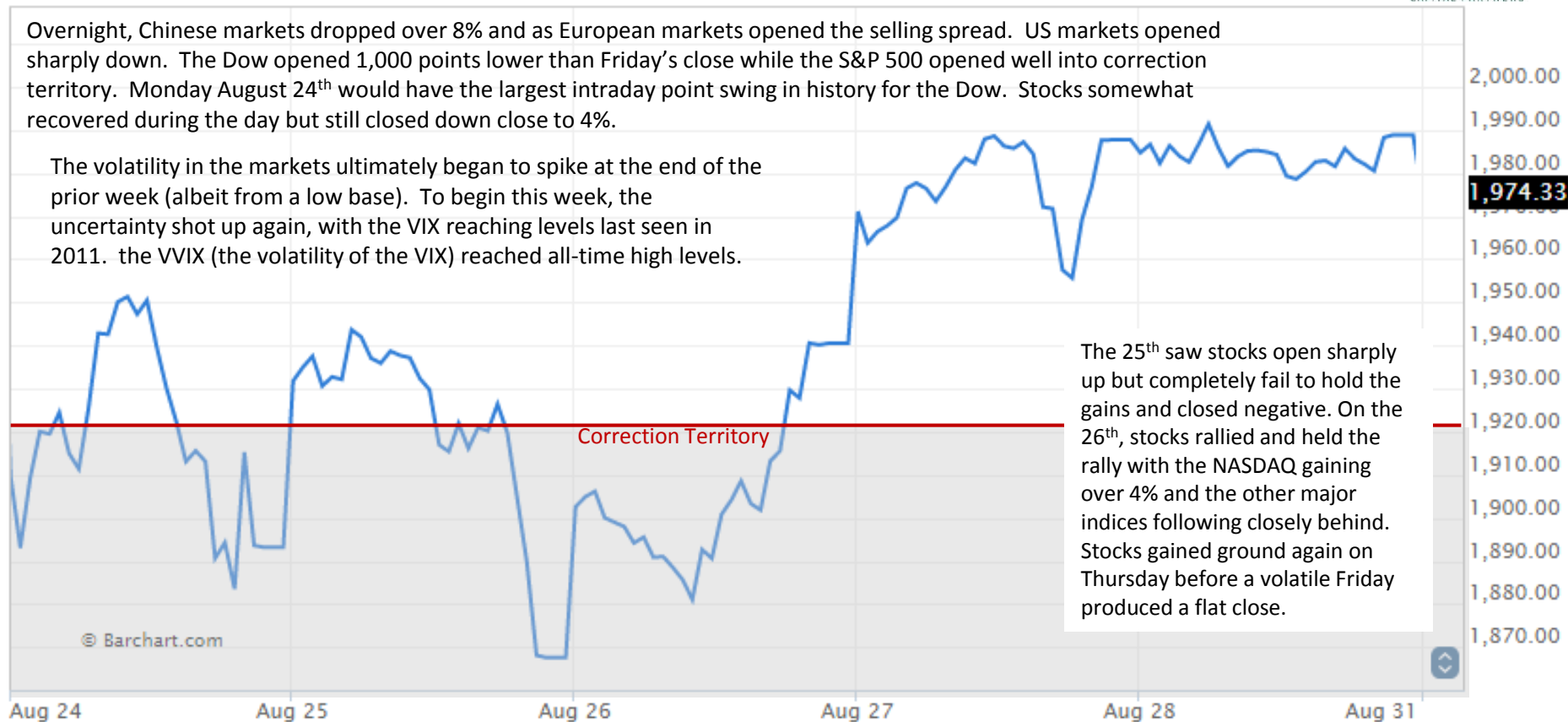
Source: Morningstar Direct and Barchart.com

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Week of August 24

Overnight, Chinese markets dropped over 8% and as European markets opened the selling spread. US markets opened sharply down. The Dow opened 1,000 points lower than Friday's close while the S&P 500 opened well into correction territory. Monday August 24th would have the largest intraday point swing in history for the Dow. Stocks somewhat recovered during the day but still closed down close to 4%.

The volatility in the markets ultimately began to spike at the end of the prior week (albeit from a low base). To begin this week, the uncertainty shot up again, with the VIX reaching levels last seen in 2011. the VVIX (the volatility of the VIX) reached all-time high levels.



For the week, stocks were able to finish positive from Monday's extreme drop. The week contained some of the largest spikes in volatility measures ever recorded. It also contained the largest intraday point drop (August 24th) in the history of the Dow as well as the largest intraday point gain that turned negative (August 25th) on back to back days. Reference to these point totals should come with caution. The levels of these indices have grown exponentially. By percentage points these swings are noteworthy but not record setting.

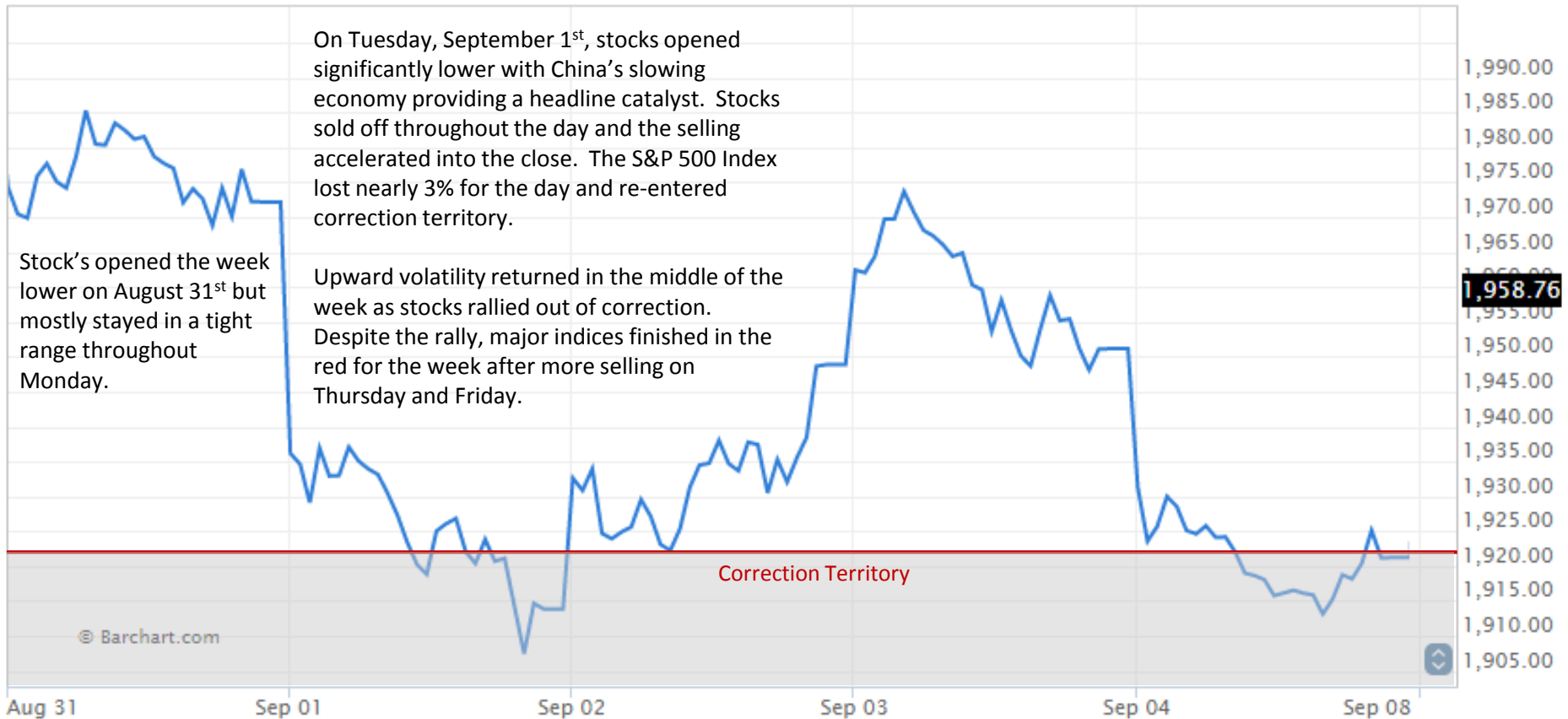
This was the week that oil broke though the \$40/barrel level but it bounced back up and ended the week higher. Volatility in the oil markets was very pronounced at this point as oil touched \$50/barrel but soon thereafter fell back to the mid-\$40s ranges.

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Source: Morningstar Direct and Barchart.com

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Week of August 31

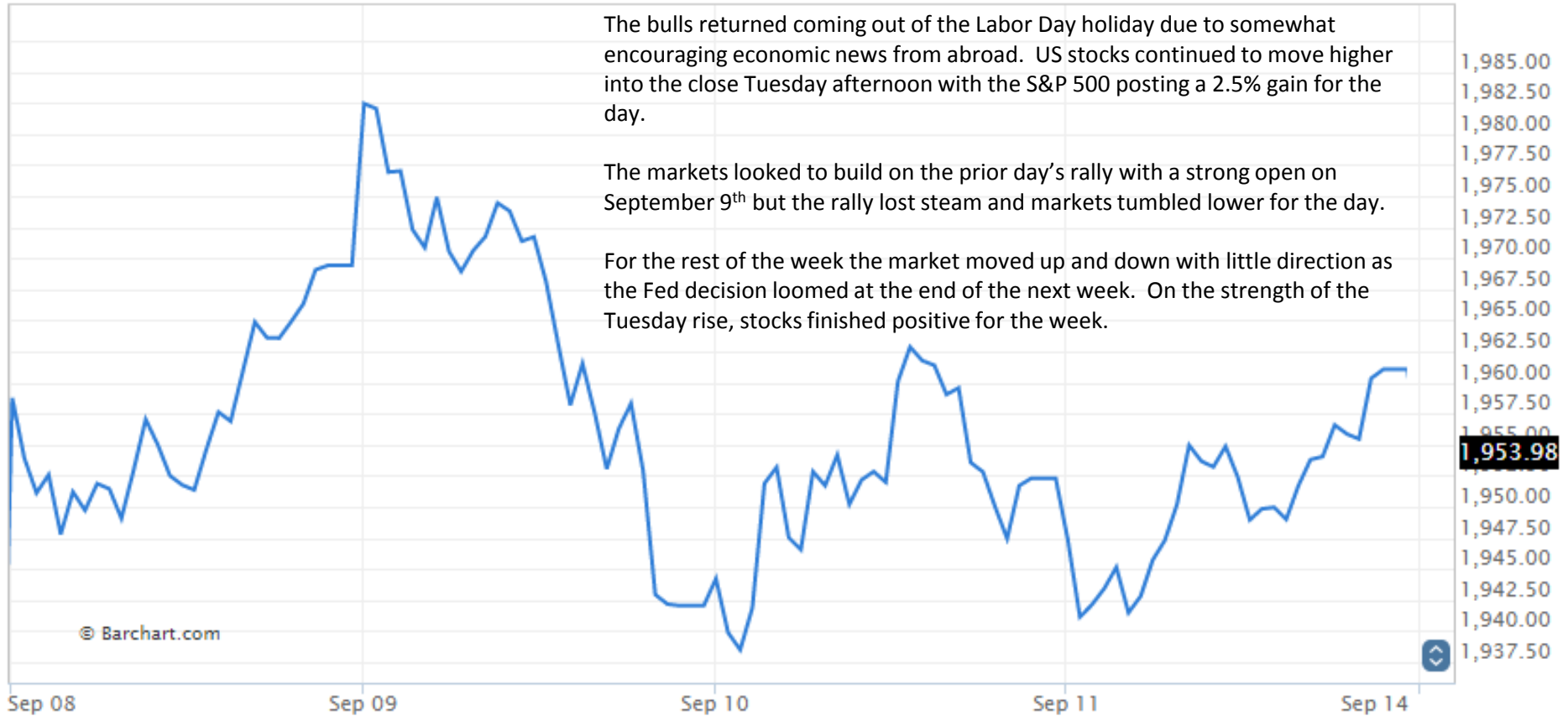


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Week of September 7



Source: Morningstar Direct and Barchart.com

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Week of September 14

This week was all about the FOMC meeting taking place on Wednesday and Thursday with the decision on the Fed Funds target rate coming Thursday afternoon. While the Fed Funds futures market was pricing a low probability (about 30%) of an increase, many market participants and economists had targeted this meeting at the proper time to begin tightening. Monday through Wednesday was mostly uneventful with indices moving slightly upwards. Investors were focusing on Thursday's Fed decision.

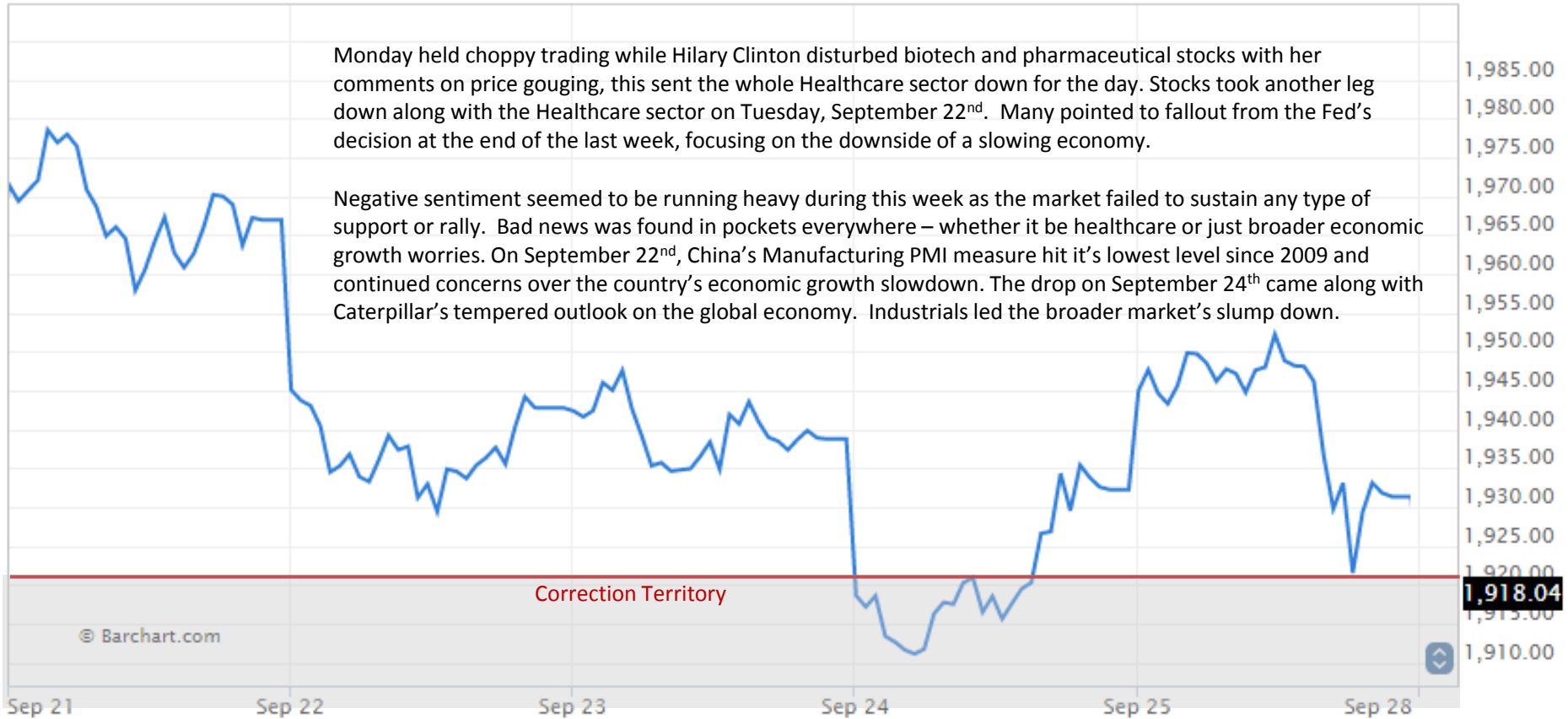
The decision came Thursday to hold rates unchanged. The initial reactive trade from the market was selling but the loss was quickly recouped in a matter of minutes and stocks rallied higher as Janet Yellen spoke on the decision before falling into the close. The market struggled with how to interpret the decision – was it more stimulating for stocks to maintain ZIRP or an indictment on global growth?

Fed: "No Rate Change"

Friday was more sobering, the markets opened lower and selling continued, it appeared the market interpreted the Fed decision more as uncertainty regarding the economic outlook than as fuel for stocks.



Week of September 21



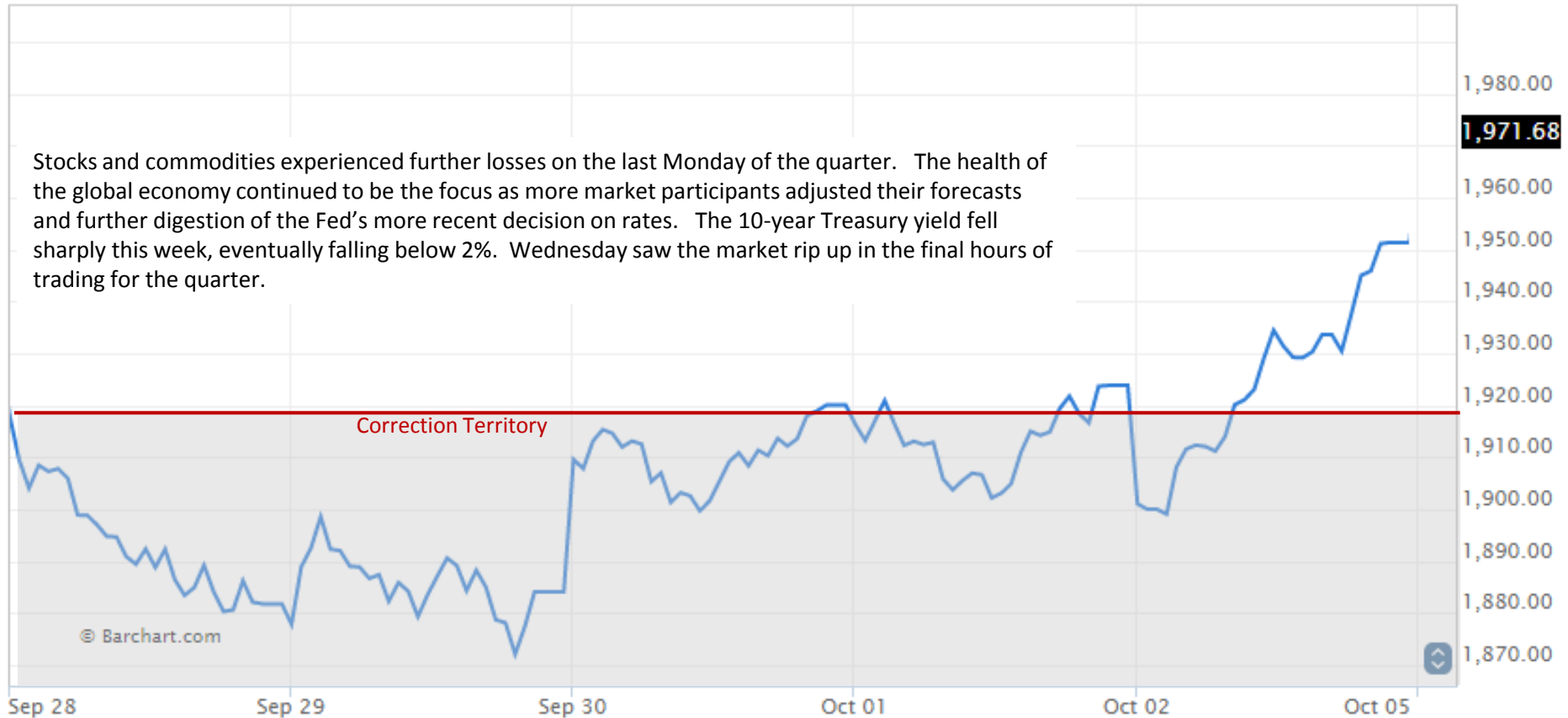
Source: Morningstar Direct and Barchart.com

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See Disclosure and Index Definitions, Pages 48-49

Week of September 28

Stocks and commodities experienced further losses on the last Monday of the quarter. The health of the global economy continued to be the focus as more market participants adjusted their forecasts and further digestion of the Fed's more recent decision on rates. The 10-year Treasury yield fell sharply this week, eventually falling below 2%. Wednesday saw the market rip up in the final hours of trading for the quarter.



Source: Morningstar Direct and Barchart.com

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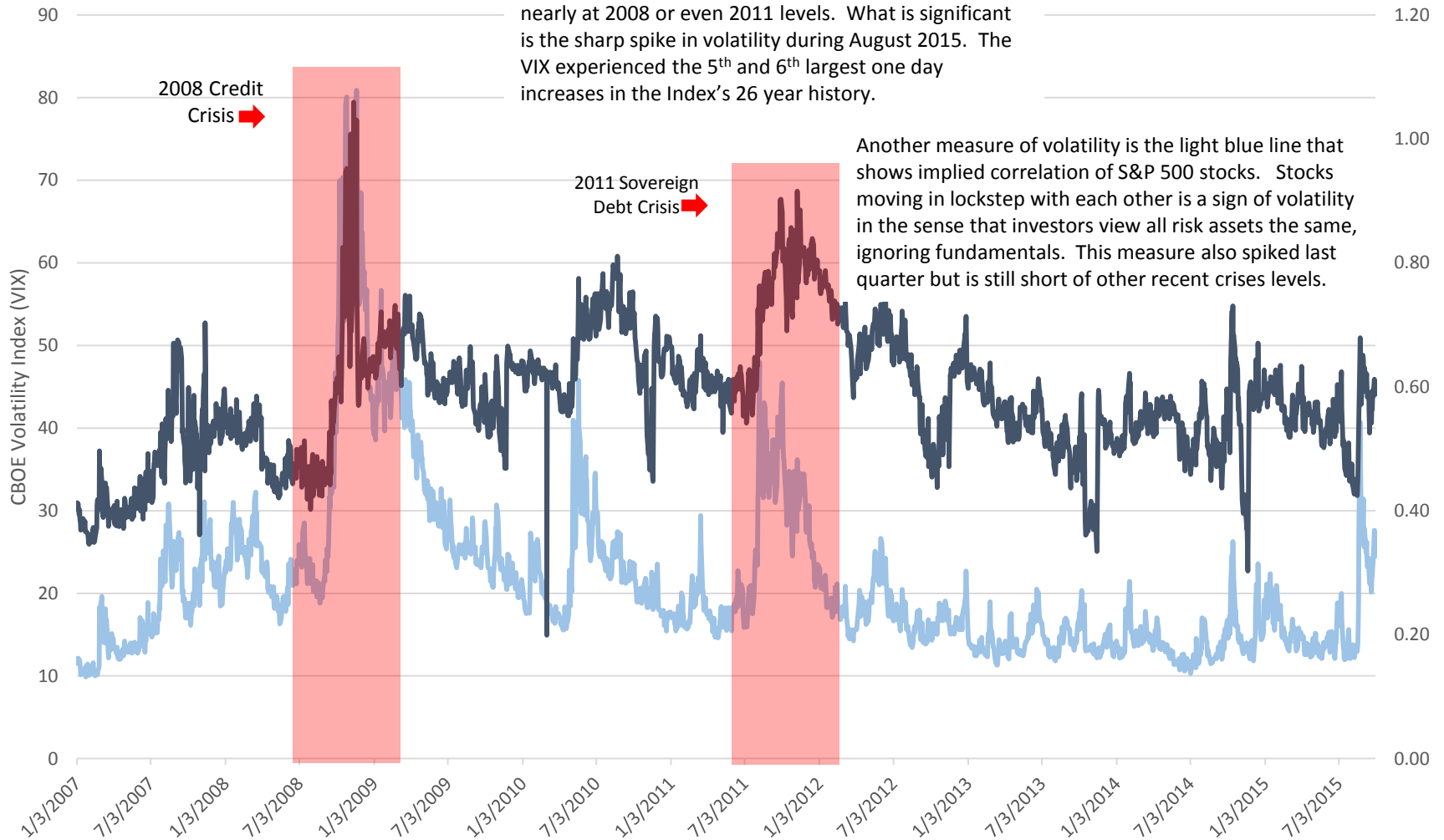
See Disclosure and Index Definitions, Pages 48-49

Volatility



Volatility as measured by the VIX (dark blue lines) is not nearly at 2008 or even 2011 levels. What is significant is the sharp spike in volatility during August 2015. The VIX experienced the 5th and 6th largest one day increases in the Index's 26 year history.

1.20



Another measure of volatility is the light blue line that shows implied correlation of S&P 500 stocks. Stocks moving in lockstep with each other is a sign of volatility in the sense that investors view all risk assets the same, ignoring fundamentals. This measure also spiked last quarter but is still short of other recent crises levels.

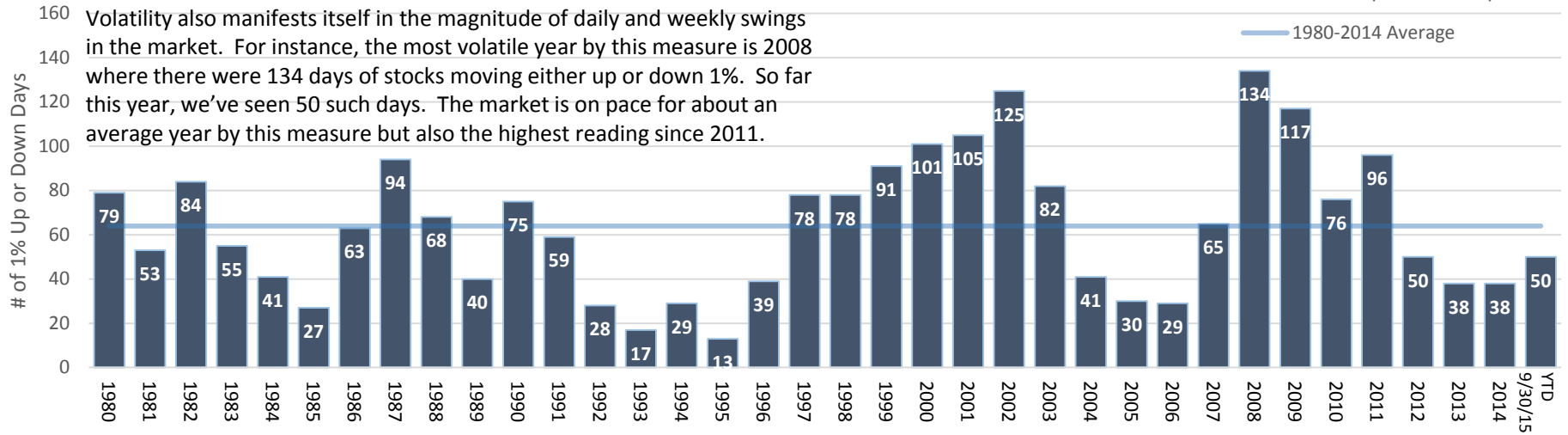
Implied Correlations among Large Cap Stocks

Source: CBOE³

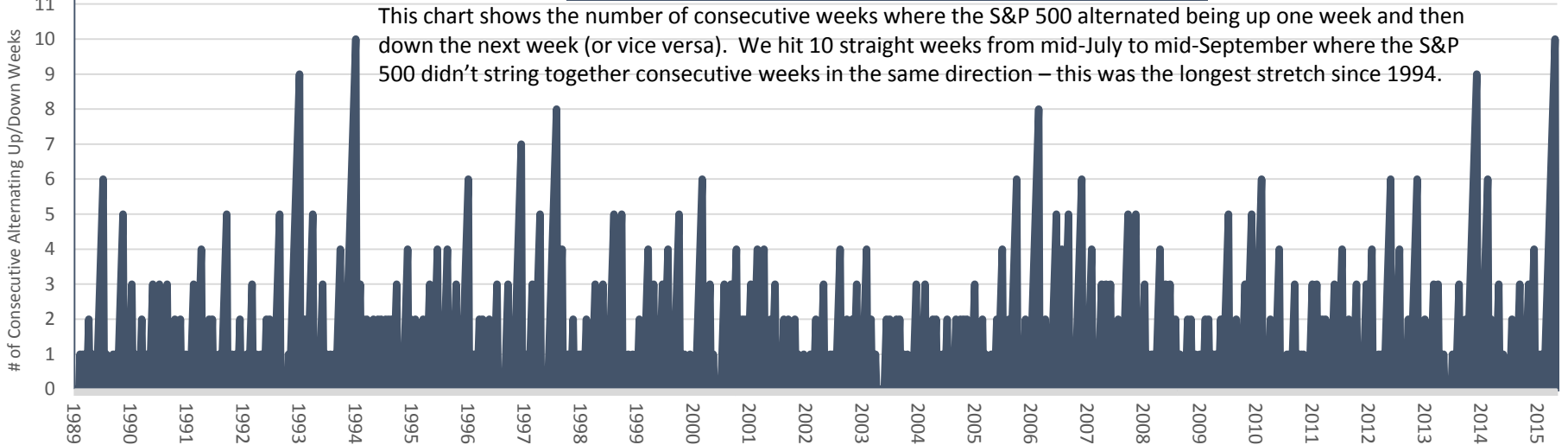
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Number of 1% (Up or Down) S&P 500 Trading Days Per Year



Consecutive Alternating Up or Down Weeks for the S&P 500



Source: Morningstar Direct as of 9/30/15

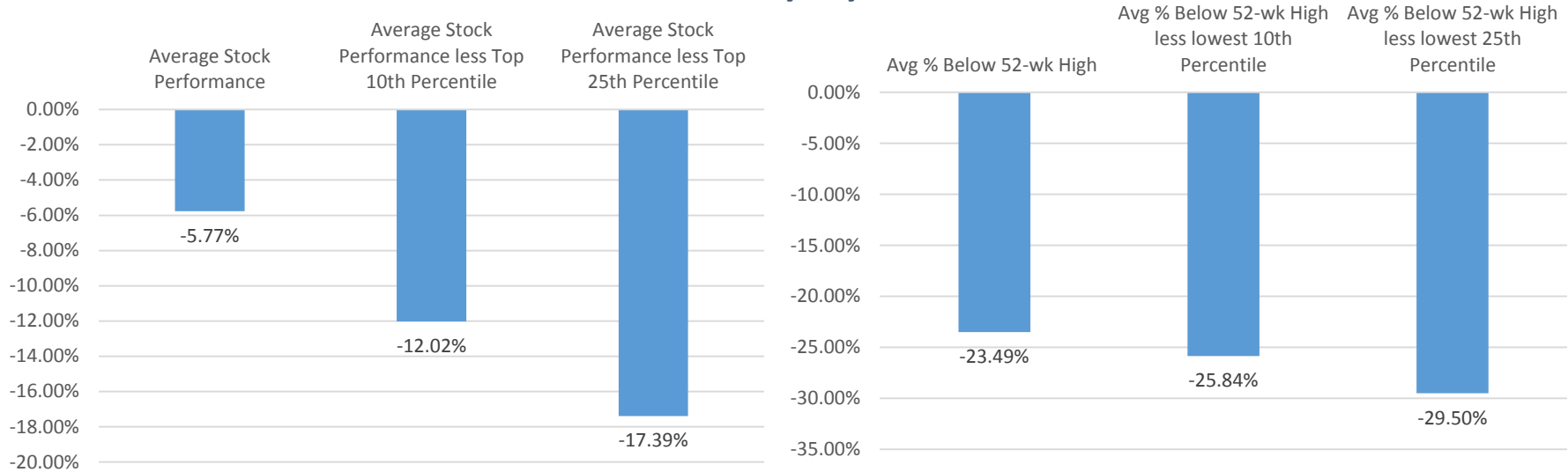
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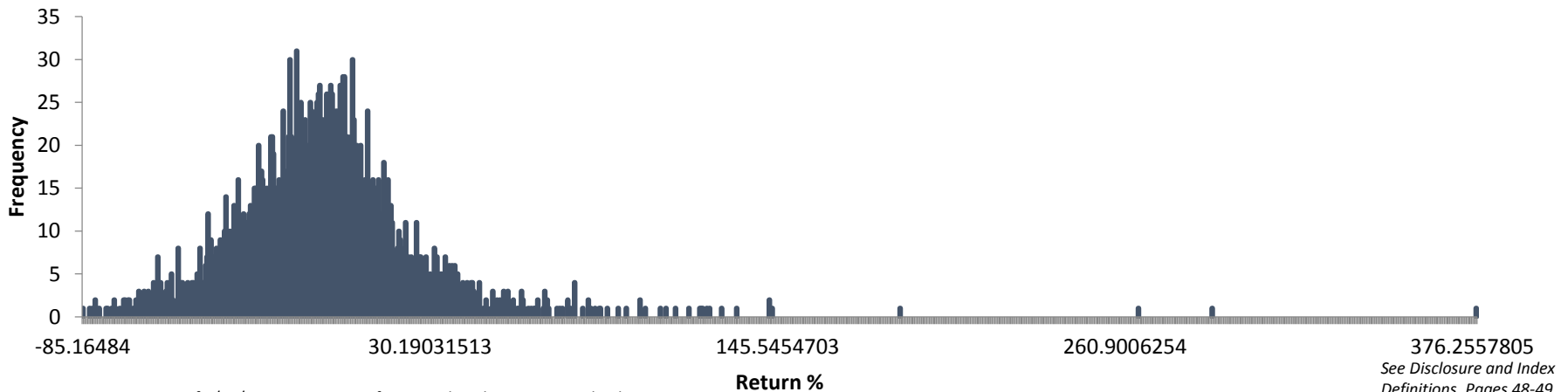
Market Internals



YTD 9/30/15



Histogram of all US Stock Returns, YTD 9/30/15

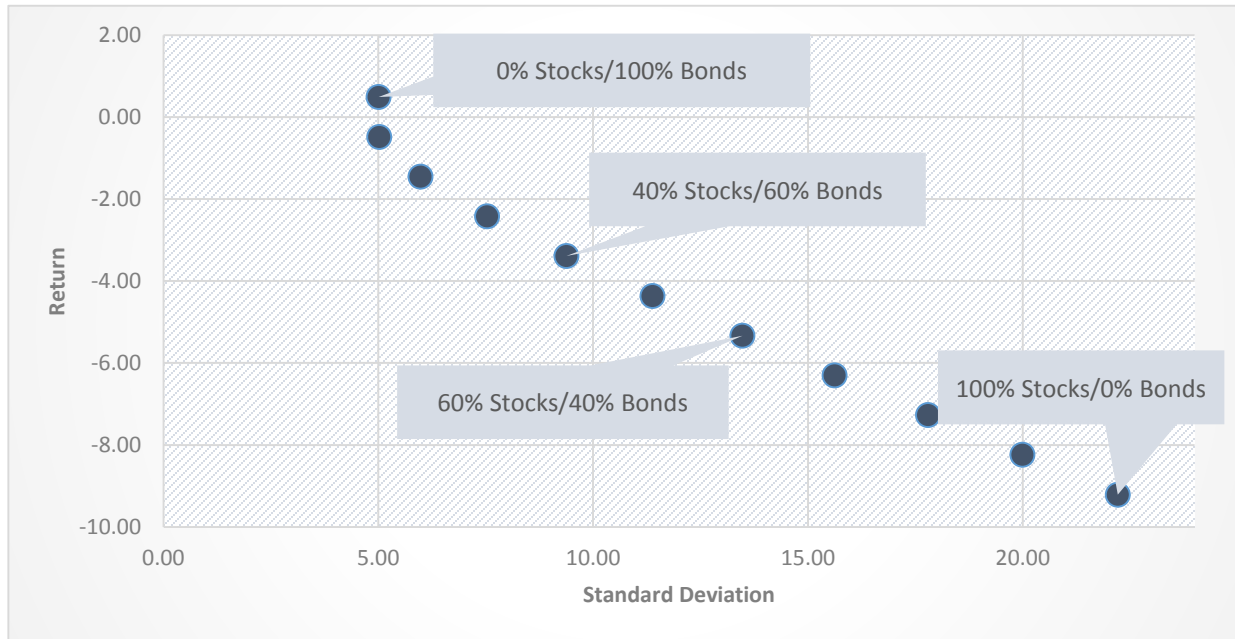


Source: Morningstar Direct as of 9/30/2015, see page 49 for asset class descriptions and index proxies

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376.2557805
See Disclosure and Index
Definitions, Pages 48-49

Diversification Effectiveness



5/22/15 to 9/30/15		
Portfolio	Return	Std Dev
100% Stocks/0% Bonds	-9.21	22.21
90% Stocks/10% Bonds	-8.24	20.00
80% Stocks/20% Bonds	-7.27	17.80
70% Stocks/30% Bonds	-6.30	15.62
60% Stocks/40% Bonds	-5.33	13.48
50% Stocks/50% Bonds	-4.36	11.38
40% Stocks/60% Bonds	-3.39	9.38
30% Stocks/70% Bonds	-2.42	7.53
20% Stocks/80% Bonds	-1.45	5.98
10% Stocks/90% Bonds	-0.48	5.03
0% Stocks/100% Bonds	0.49	5.01

From the time period when stocks peaked (May 22, 2015) through the end of the third quarter, the S&P 500 ETF (“Stocks”) lost over 9%, however the Barclays US Aggregate Bond ETF (“Bonds”) was up 0.50% during the same period. Diversification works because the correlation between the two for this period was -0.40, while stocks dropped, bonds value increased and provided some positive return while the negative correlation between the two provides an overall risk reducer for the portfolio.

In some years, owning bonds or other uncorrelated assets is a drag on portfolio returns when stocks outperform. But when stocks inevitably experience some drawdown, diversification steps in to dampen the losses, providing the low or negative correlations and lower volatility that smooth out long term returns. Investors sacrifice some returns in a periods like last year, but the effects during periods with negative equity returns is a large positive.

Diversification, albeit a simple concept, is tried and true over history.

Source: Morningstar Direct as of 9/30/2015, see page 49 for asset class descriptions and index proxies

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See Disclosure and Index Definitions, Pages 48-49

Active vs Passive Effectiveness



Active management varied amongst asset classes for US equities. The green markers emphasized with the line represent the passive index for each asset class while the blue shaded markers represent the universe of active managers within the asset class by percentile. For instance in the Large Growth space, the manager at the 5th percentile (near the best performing amongst their peers) returned -4.0% for the quarter, while the average manager (50th percentile) returned -8.0% and right in line with the passive index.

Average active management was mostly aligned with the passive index in Growth areas while it trailed the index in the Value areas. Small Value was the most difficult asset class to pick stocks in, the best managers were only able to keep pace with the index while the worst underperformed by nearly 8%.

Performance dispersion is also a good takeaway in this chart. The difference between the best, average and worst managers was wider amongst Small caps and Growth stocks than their counterparts.

Source: Morningstar Direct as of 9/30/2015, see page 49 for asset class descriptions and index proxies

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See Disclosure and Index Definitions, Pages 48-49

Alternatives Effectiveness



3 rd Quarter 2015		S&P 500			
	Return	Std Dev	Beta	Sharpe Ratio	Sortino Ratio
Managed Futures Index	3.18	13.30	-0.15	1.47	1.71
Long/Short Equity Index	2.40	9.66	0.34	1.49	1.80
Barclays US Agg Bonds Index	1.23	4.70	-0.07	1.52	1.77
Global Macro Index	-0.76	5.09	0.03	-0.85	-0.95
Merger Arbitrage Index	-1.32	4.32	0.10	-1.70	-1.75
Relative Value Index	-2.14	2.89	0.09	-4.04	-3.81
<i>Liquid Alternatives Index</i>	<i>-2.37</i>	<i>4.54</i>	<i>0.17</i>	<i>-2.83</i>	<i>-2.85</i>
Event Driven Index	-2.61	3.46	0.12	-4.07	-3.90
Multi-Strategy Index	-2.70	6.26	0.24	-2.32	-2.42
S&P 500 Index	-6.44	25.24	1.00	-1.25	-1.46
Event Driven Index	-7.47	9.84	0.31	-3.64	-3.65

“Liquid Alternatives” brought hedge fund strategies to the masses and after 2008’s meltdown they became popular holdings in portfolios for adding diversification and reducing risk compared to a traditional stock and bond portfolio.

The past quarter was an opportunity to test these strategies as stocks fell. It’s difficult to broadly assess Alternatives because of the vast differences between managers and the strategies implemented but Wilshire and Credit Suisse attempt to do so with some indices composed of Liquid Alts managers.

For the quarter, Managed Futures and Long/Short Equity provided positive returns while equities dropped. Managed futures did this alongside negative correlation to stocks and low correlation to bonds albeit higher volatility than others. On a risk-adjusted basis, Long/Short Equity was the best alternative strategy for the quarter.

Other strategies fared somewhat well at reducing downside risk and providing diversification through low correlations to stocks and bonds – mainly Global Macro and Merger Arbitrage strategies.

Correlation: 3 rd Qtr. 2015		1	2	3	4	5	6	7	8	9	10	11
1	Wilshire Liquid Alternative TR USD	1.00										
2	Credit Suisse Long/Short Liquid TR USD	0.81	1.00									
3	Credit Suisse Mgd Futures Liquid TR USD	-0.15	-0.24	1.00								
4	Credit Suisse Merg Arbtrg Liquid TR USD	0.59	0.54	-0.35	1.00							
5	Wilshire Liq Alt Event Driven TR USD	0.92	0.75	-0.34	0.65	1.00						
6	Wilshire Liq Alt Global Macro TR USD	0.34	0.22	0.79	-0.12	0.10	1.00					
7	Wilshire Liq Alt Multi-strategy TR USD	0.99	0.83	-0.18	0.59	0.91	0.31	1.00				
8	Wilshire Liq Alt Relative Value TR USD	0.90	0.63	-0.25	0.59	0.91	0.17	0.87	1.00			
9	Credit Suisse Event Driven Liquid TR USD	0.87	0.67	-0.36	0.70	0.95	0.07	0.85	0.91	1.00		
10	S&P 500 TR USD	0.94	0.89	-0.29	0.60	0.85	0.16	0.95	0.76	0.79	1.00	
11	Barclays US Agg Bond TR USD	-0.40	-0.31	0.30	-0.13	-0.43	0.21	-0.39	-0.47	-0.41	-0.39	1.00

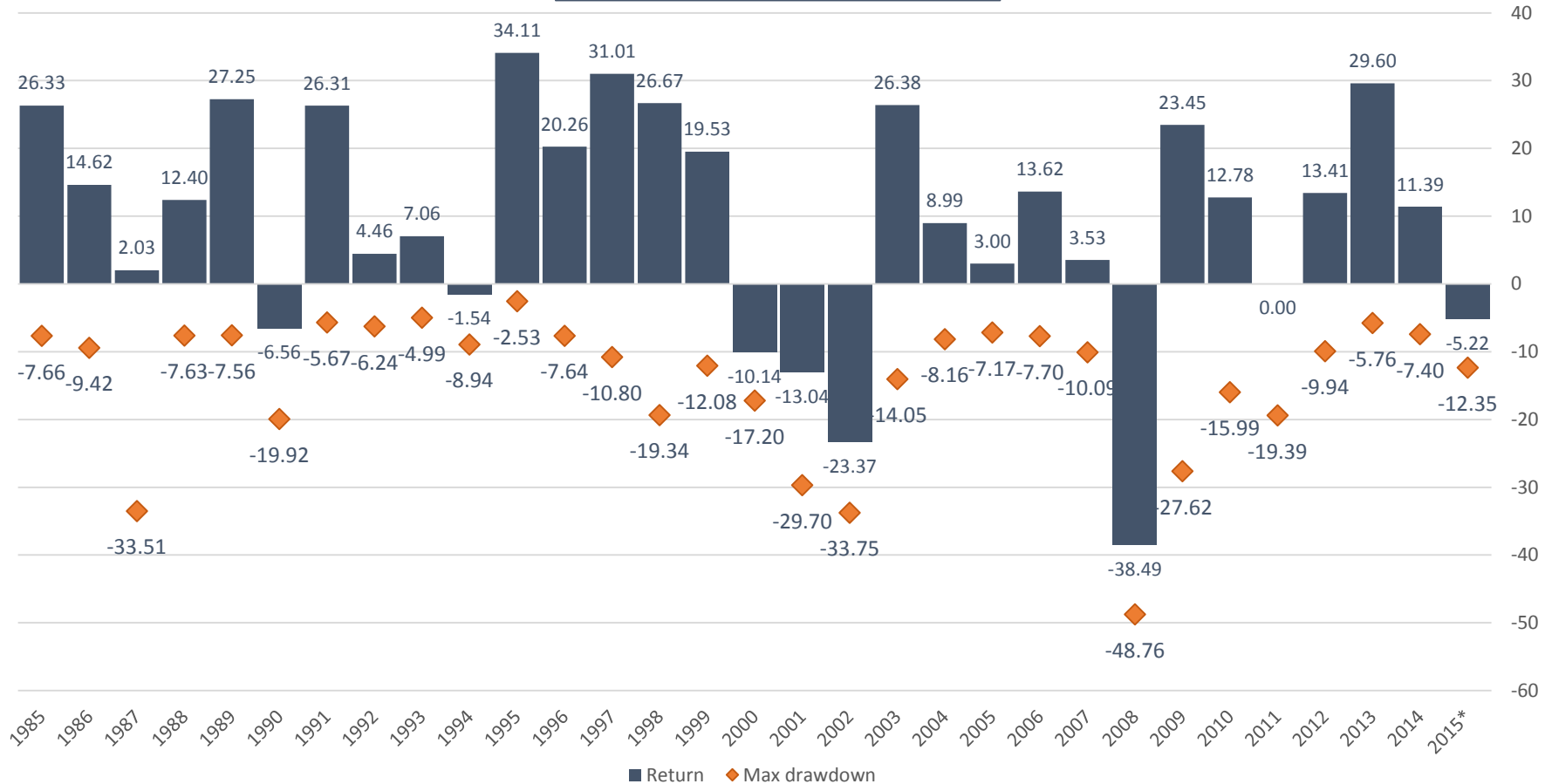
■ 1.00 to 0.80	■ 0.80 to 0.60	■ 0.60 to 0.40	■ 0.40 to 0.20	■ 0.20 to 0.00
■ 0.00 to -0.20	■ -0.20 to -0.40	■ -0.40 to -0.60	■ -0.60 to -0.80	■ -0.80 to -1.00

See Disclosure and Index Definitions, Pages 48-49

Source: Morningstar Direct as of 9/30/2015, see page 49 for asset class descriptions and index proxies
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Intra-year Declines

S&P 500 Yearly Returns



■ Return ◆ Max drawdown

1985-2014 average return: 10.2%
1985-2014 average intra-year drawdown: -14.2%

Drawdowns such as this year's are common for the market and more times than not stocks recover their losses before the end of the year.

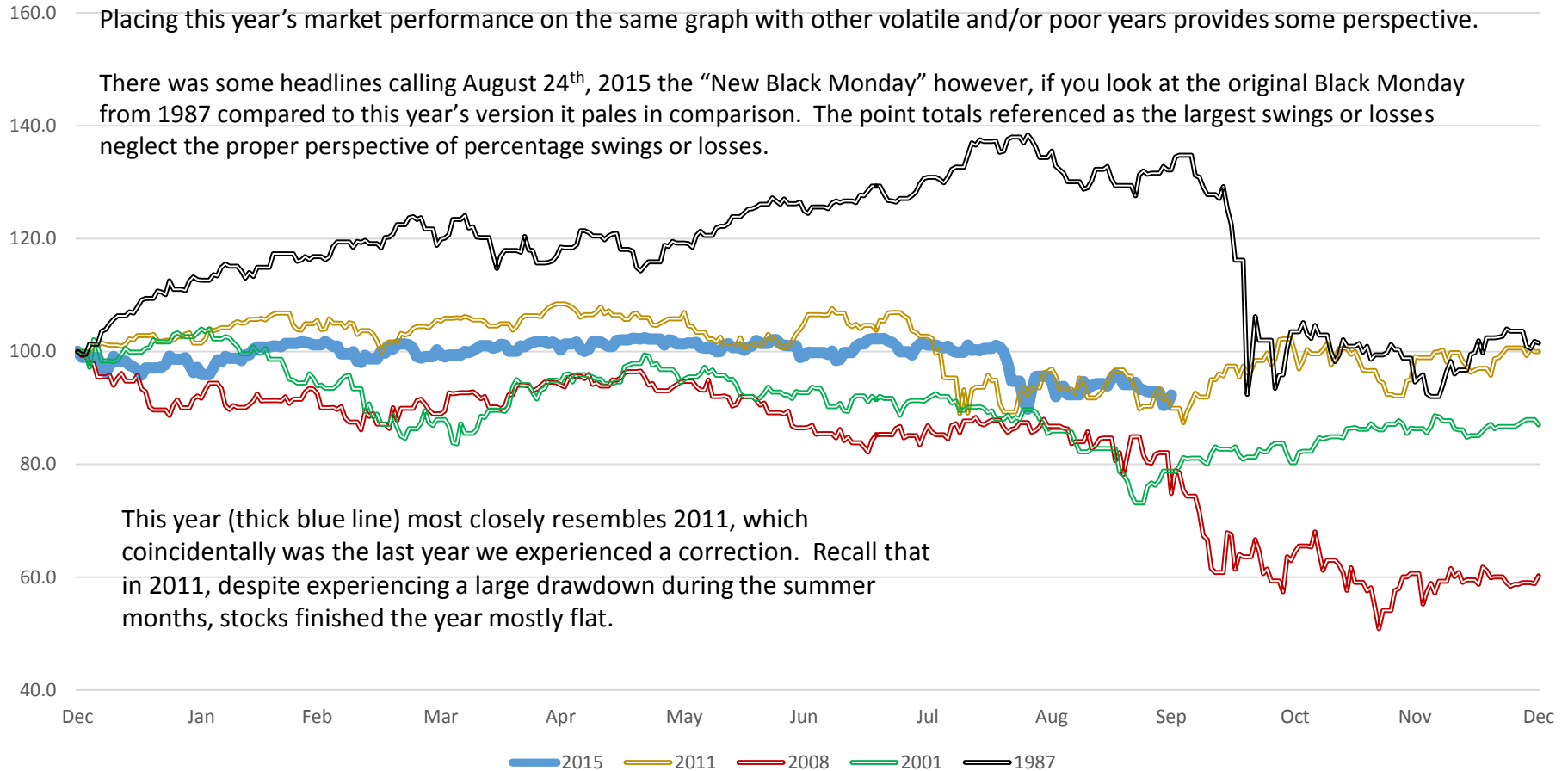
Source: Morningstar Direct as of 9/30/2015

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See Disclosure and Index Definitions, Pages 48-49

Historical Perspective

S&P 500 Index: Selected Calendar Years Price Return



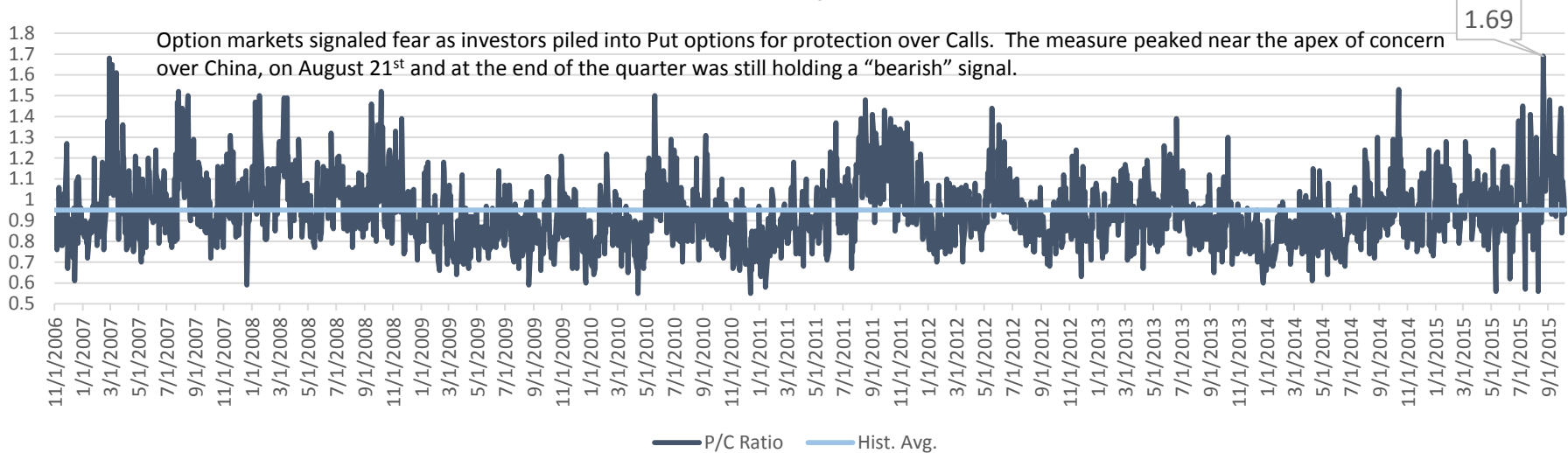
Source: Morningstar Direct as of 9/30/2015

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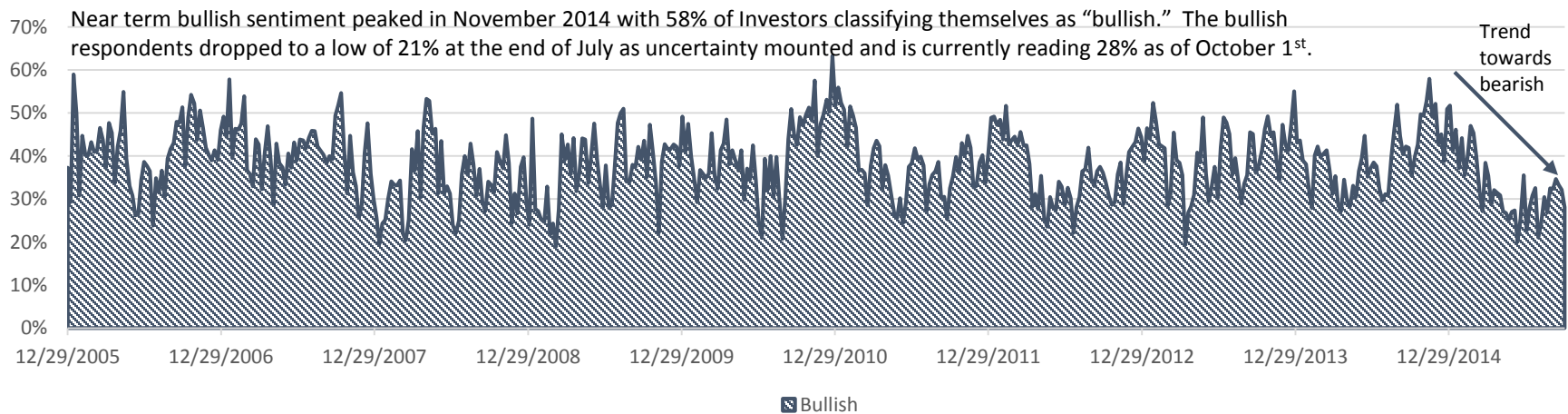
See Disclosure and Index Definitions, Pages 48-49

Investor Sentiment

CBOE Total Put/Call Ratio

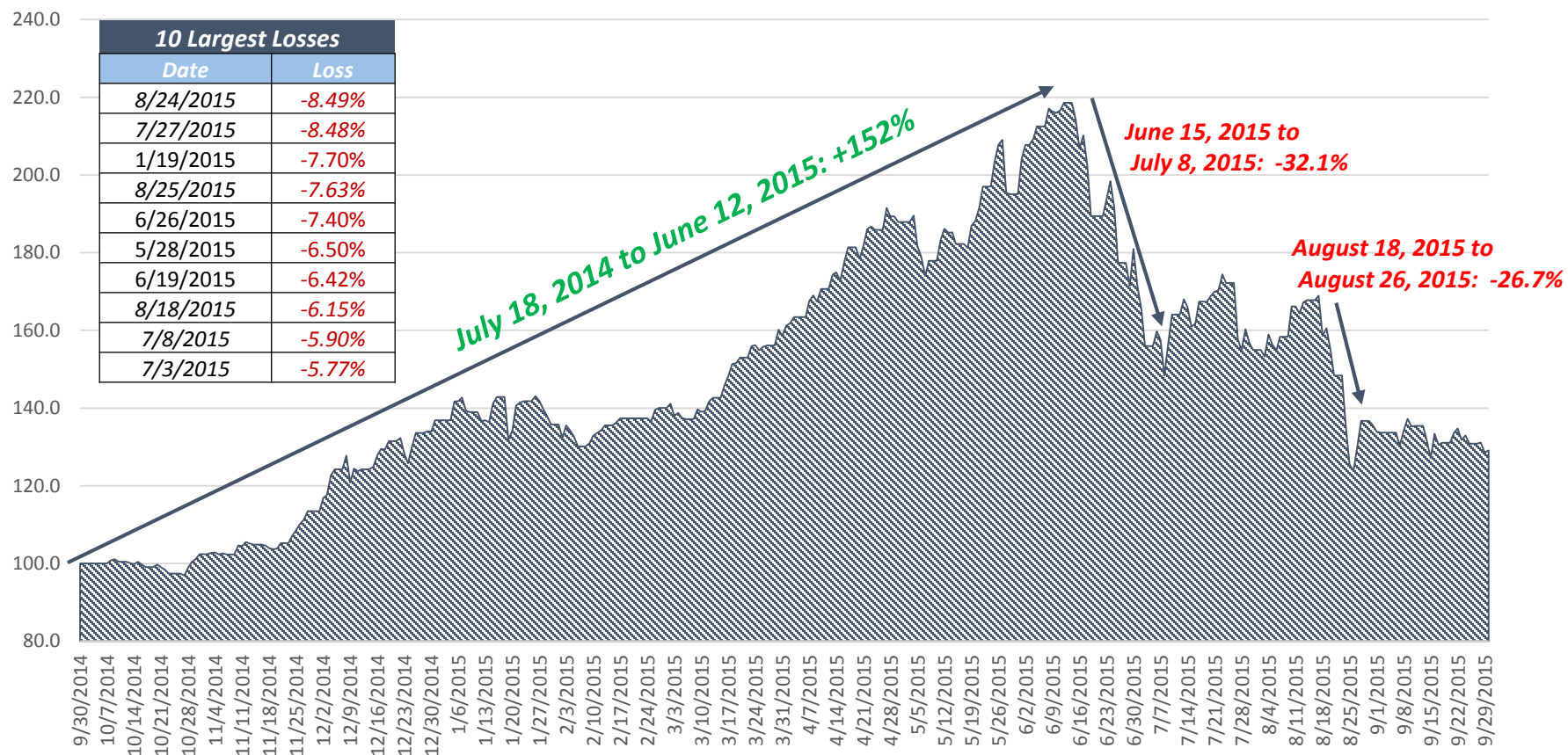


American Association of Individual Investors Weekly Sentiment Survey



Source: CBOE (top)⁴, American Association of Individual Investors (bottom)⁵
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Shanghai SE Composite Total Return



After an exuberant run up where China stocks shot up over 150% in less than a year, the crash in China equities shook markets around the world in the third quarter as the Shanghai Stock Exchange plummeted deep and swiftly. The market experienced extreme volatility. Seven trading days saw losses in excess of 5% during the three months ending 9/30/2015. The first leg down during the summer was mostly contained to China with light effects around Asia. The second leg down brought on significant selling in developed markets around the world (including US stocks) as well as intense government intervention from the Chinese – most notable in the currency markets.

Source: Morningstar Direct as of 9/30/15

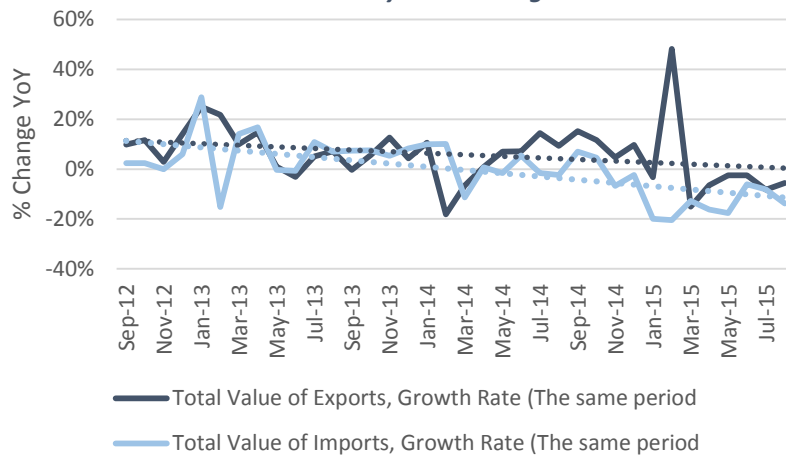
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China

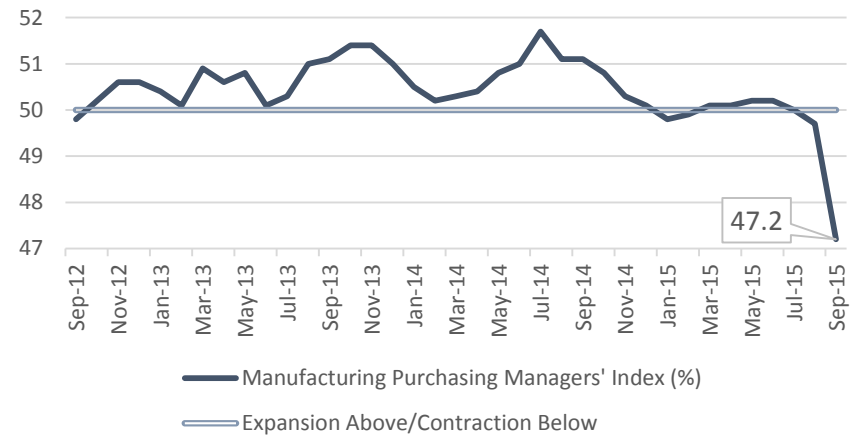
The concern for developed market economies was the effect of China's economic slowdown and maturation. The slowing growth has been visible for years now but the debate over whether it would be a "hard" or "soft" landing caused ambiguity. Recent economic data out of the country was considered weak, below are two measures that warranted caution:

Exports and Imports
Year-over-year % Change



Both demand for global Imports by the Chinese consumer and demand for Chinese exports by global consumers is significantly lower from a year ago. August readings showed imports down nearly 14% and exports down over 5%. The Chinese government's currency manipulation is theoretically a boost to the Chinese export economy.

Manufacturing PMI



China is a manufacturing driven economy and as measured by the Purchasing Manager's Index (PMI) this activity contracted severely in September. This release came on September 22nd and was not only low but also below many analysts' and economists' expectations as it hit a 6 ½ year low. Developed equity markets took another leg down and retested their lows for the year after this release.

Source: Natural Bureau of Statistics of China⁶

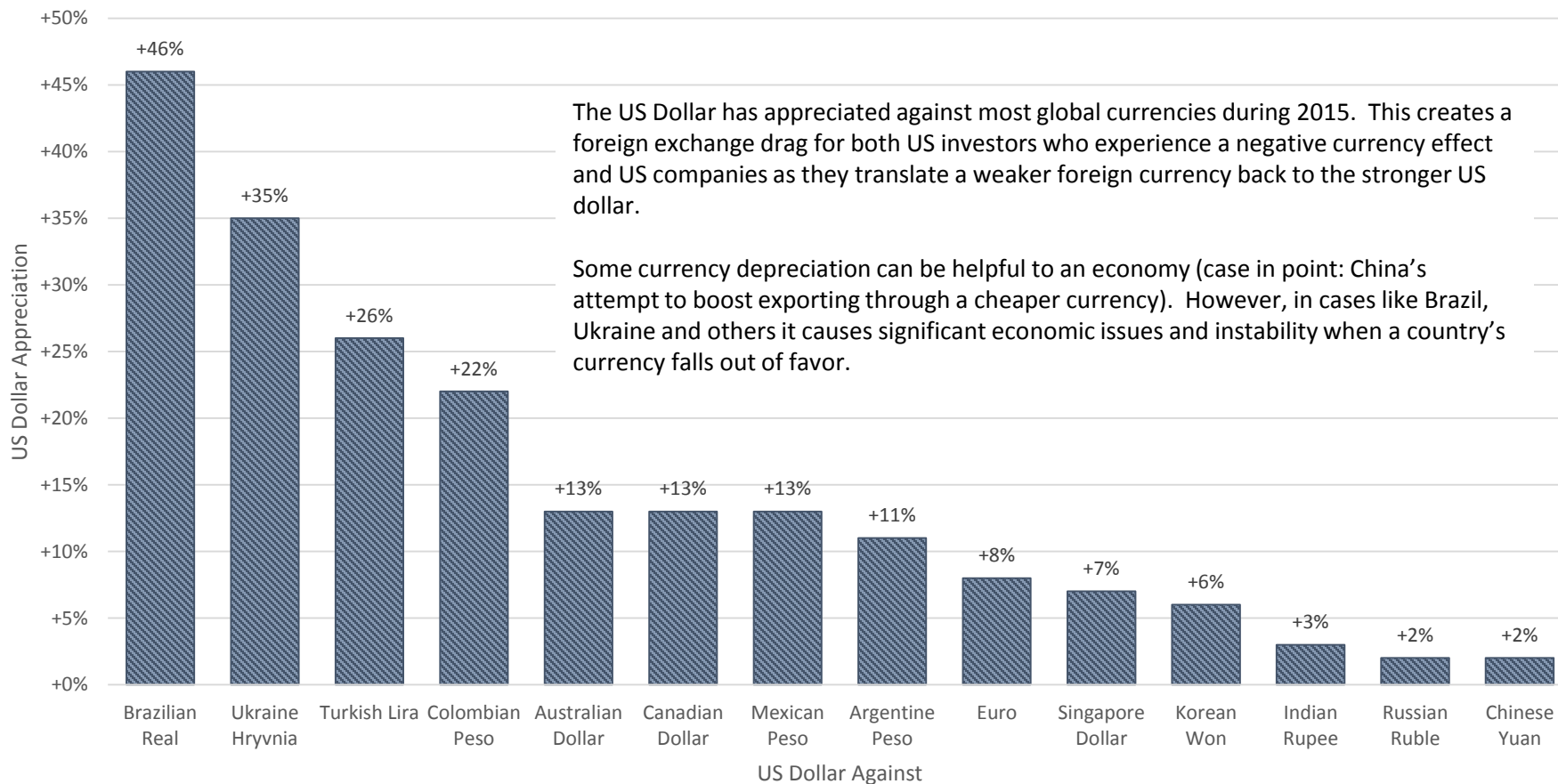
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See Disclosure and Index Definitions, Pages 48-49

Currency Fluctuations



US Dollar Gains vs Other Global Currencies YTD 10/7/2015



Source: Morningstar Direct as of 9/30/2015

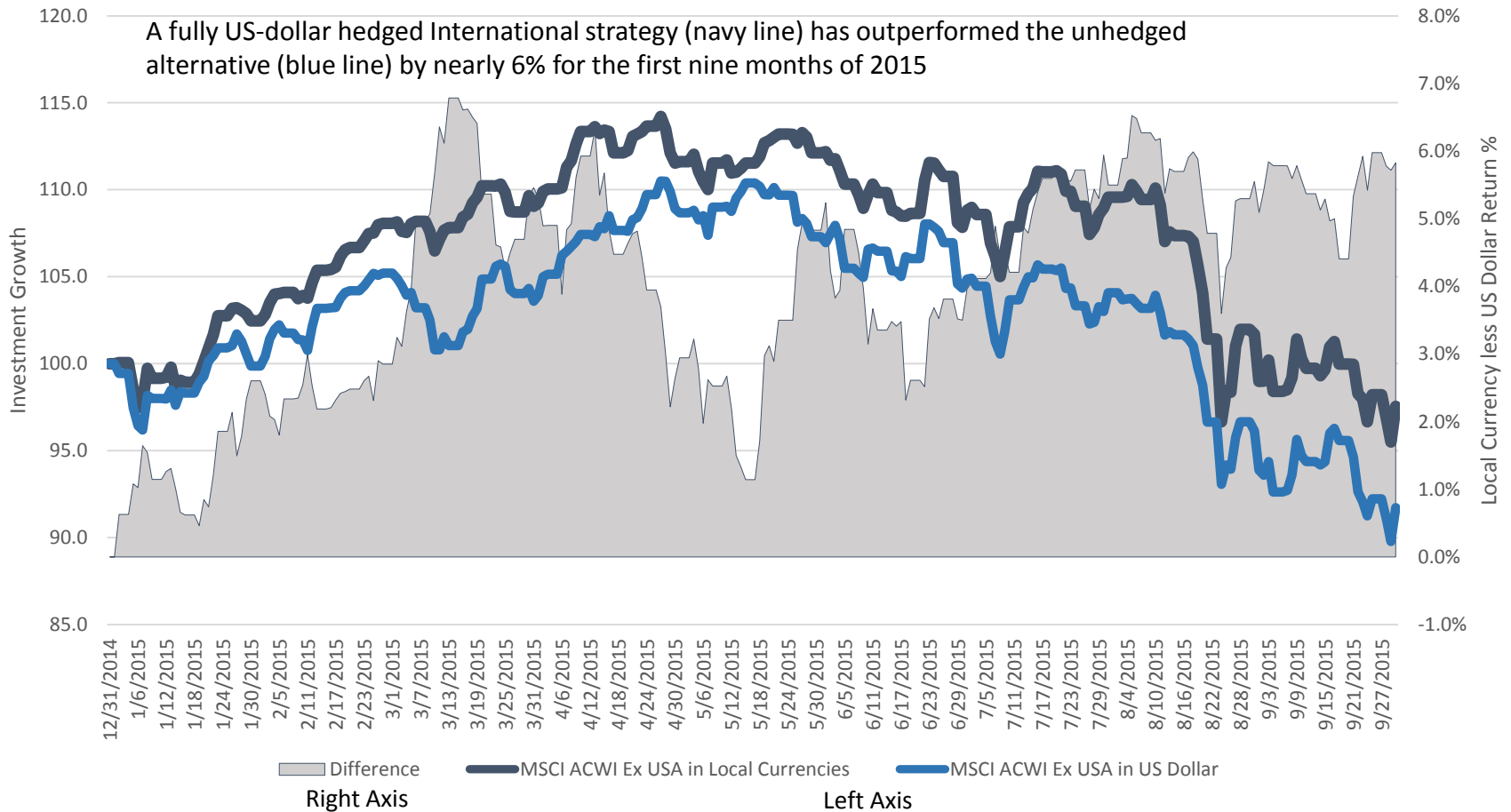
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US Dollar Effects



**MSCI ACWI Ex USA in Local Currencies and US Dollar Terms with Performance Difference
YTD 9/30/15**



Source: Morningstar Direct as of 9/30/2015

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Energy Sector



The drop in the Energy sector, precipitated by the price of oil collapsing among other factors, has weighed on all domestic equities.

The Energy sector currently makes up around 7% of the S&P 500 but that has deteriorated over the past few quarters as oil and other energy commodity prices have fallen. The oil drop can be partially explained as a simple supply and demand issue. In the table below, it's observed that consumption hasn't met, nor is it expected to meet, Production for the past couple years and going forward.

Earnings in the Energy sector are expected to down an amazing 66% from a year ago, according to S&P Capital IQ. The drag by the Energy sector on the total market is such that without the sector the market would grow earnings by 3%, while with the sector included, will experience negative growth of -5%.

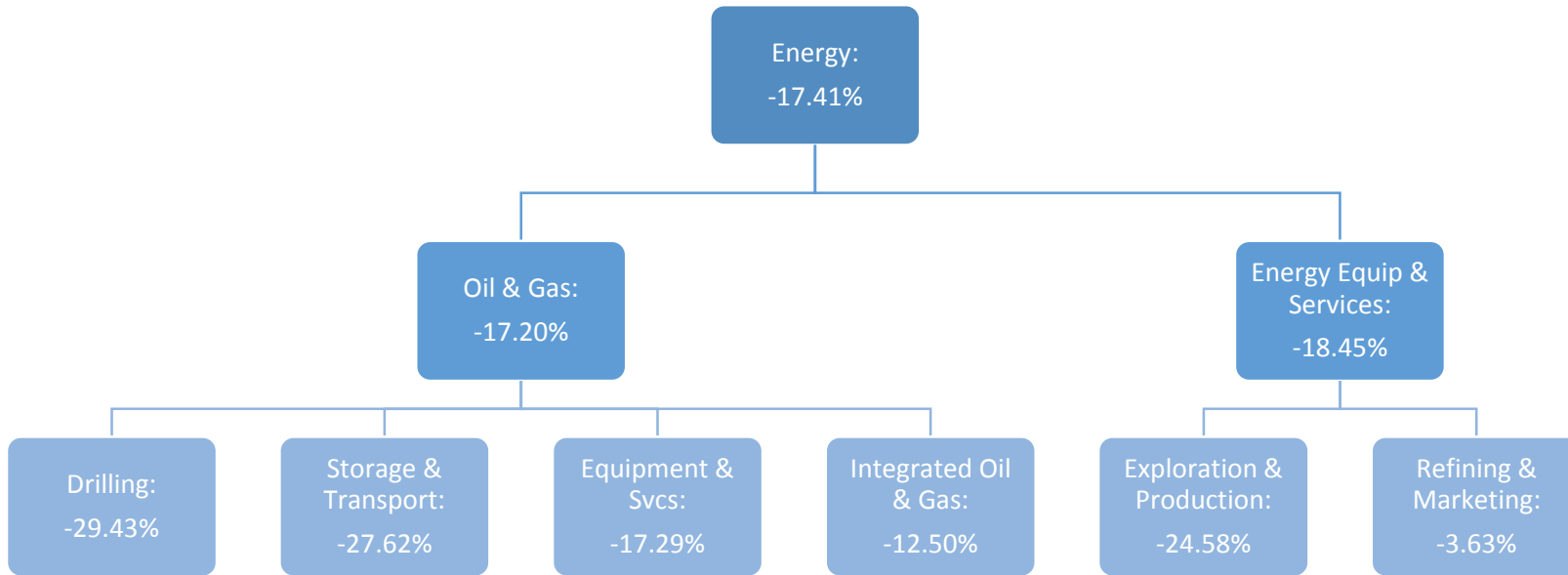
Millions of barrels per day:	2013	2014	2015*	2016*	% Growth since '13
Production (Supply)					
US	12.4	14.1	14.8	14.7	19.3
OPEC	36.4	36.4	37.3	37.6	3.3
Global	91.1	93.4	95.7	96.0	5.5
Consumption (Demand)					
US	19.0	19.1	19.4	19.6	3.2
China	10.5	10.9	11.1	11.4	8.9
Global	91.3	92.5	93.6	94.9	4.0
Net Inventory Change	-0.2	+0.9	+2.1	+1.1	

Source: Morningstar Direct as of 9/30/2015, JP Morgan Guide to the Markets as of 9/30/15, St. Louis Fed Economic Research (FRED)⁷, Value Walk/S&P Capital IQ⁸
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Energy Sector

3rd Quarter 2015 Total Return



The hardest hit areas of the Energy sector are the ones at the first point of contact with the commodity. Drillers have lost over half of their collective value in the twelve months ending 9/30/15 (-54.9%). Exploration & Production companies fall next in line with, with a return of -41.5% during the same period.

The Refining & Marketing subindustry has held up well, actually outpacing the broad market for the quarter and producing a return over +14% for the year through 9/30/15. Integrated Oil & Gas companies include the typical Energy giants like Exxon Mobil, Chevron, ConocoPhillips, etc., and are down -12.5% in just the 3rd quarter alone. They've held up better than less diversified Energy companies but operations are still weakened by low oil and gas pricing.

Source: Morningstar Direct as of 9/30/2015

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See Disclosure and Index
Definitions, Pages 48-49

Master Limited Partnerships (MLPs)



Alerian MLP Index Total Return 9/30/2014-9/30/2015			
Five Worst Days		Five Best Days	
Date	Loss	Date	Gain
9/29/2015	-5.81%	9/30/2015	8.79%
9/28/2015	-5.72%	12/17/2014	4.73%
12/8/2014	-5.39%	10/16/2014	4.56%
11/28/2014	-5.26%	8/27/2015	4.40%
8/5/2015	-5.11%	10/15/2014	4.06%

After stellar performance derived from a North American Energy renaissance and high distribution yields in a low rate environment, MLPs fell out of favor as energy prices plummeted. The asset class collectively lost over 40% during the past twelve months with high volatility. Even mid-stream assets, which theoretically should be insensitive to energy prices were included in the sell off.

There appears to be an extreme disconnect between fundamentals and valuation in the MLP space.

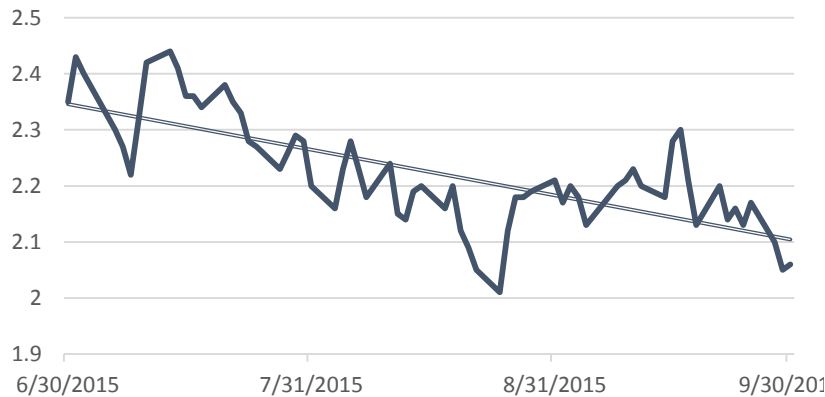
Source: Morningstar Direct as of 9/30/2015

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See Disclosure and Index Definitions, Pages 48-49

The Fed Decision

US Treasury 10 Year Yield



Bonds rallied after the meeting, sending the benchmark 10-year Treasury yield under 2% in October while inflation expectations sank gradually over the quarter.

US TIPS 10-Year Breakeven Inflation Rate



After much debate and prognostication, the FOMC decided to leave the Fed Funds Target Rate unchanged at 0.00%-0.25% in September. The decision continued the easy money policies that have been in place since the credit crisis of 2008 that partially fueled the bull market in stocks.

The market is increasingly viewing the Fed’s lack of movement as uncertainty for US and global economic growth. Conflicting economic data continues to trickle in and there remains downside risks for both maintaining low rates and for increasing rates into a possible slowdown alike. The markets turn to the Fed governors for guidance on macroeconomic developments to create top down views and as the Fed continues to deliver contradicting statements, volatility picks up in capital markets, which has been observed.

The Fed’s Dual Mandate calls for stable pricing and maximum employment. It’s also typically accepted that the Fed watches financial markets in the US and abroad when considering it’s policy decisions. Beyond these mandates, the Fed also appears to care about the strength of the US Dollar (to encourage trade) and market expectations for a rate hike (they don’t want to surprise the market).

While the headline unemployment rate is nearing maximum levels, there remains “slack” in the labor market regarding participation rates. There is limited growth in wages despite a falling unemployment rate.

Inflation may be main issue holding up the Fed. CPI is dropping as well as market based inflation measures from TIPS pricing. This can also be seen in the drop in commodity pricing.

Looking ahead, the Fed Funds Futures market is now pricing in the first rate increase during 2016, rather than this year.

See Disclosure and Index Definitions, Pages 48-49

Source: CME Group FedWatch⁹, US Treasury², St. Louis Fed Economic Research (FRED)¹⁰

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Credit Spreads

*B of A Merrill Lynch US High Yield Master II
Option-Adjusted Spread*



Credit spreads widened to their highest levels since the Financial Crisis in 2008 during the selloff in August and September. This was particularly the case for the lowest quality debt issuers and companies exposed to the rout in oil prices.

Bloomberg estimates that Energy companies make up 15% of the high yield bond market and a total of \$212 billion worth of paper. In some cases yields jumped to over 30% for the most speculative securities of oil and gas companies. Fitch Ratings commented that the default rate for the trailing 12-months ending in August hit 3% and could rise to 4% (more than double the historic average of 1.9%).

Energy companies are far and away the largest factor dragging down the high yield corporate bond index. The table below illustrates the index performance:

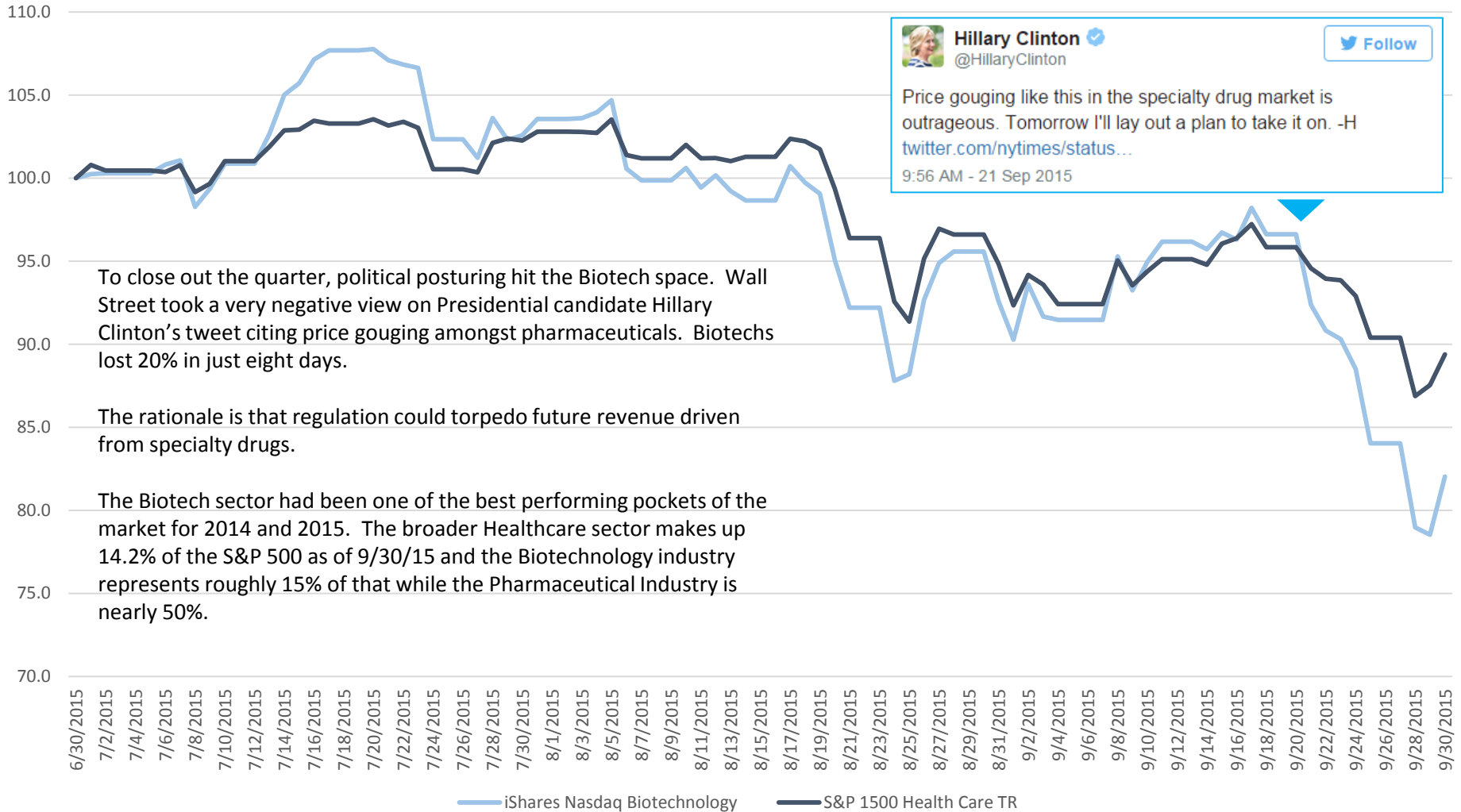
	3rd Qtr. 2015	YTD 9/30/15	TTM 9/30/15
Barclays High Yield Corporates	-4.86	-2.45	-3.43
Barclays High Yield Corporates: Energy	-15.90	-12.24	-21.57

See Disclosure and Index Definitions, Pages 48-49

Source: Morningstar Direct as of 9/30/15, Bloomberg/Fitch Ratings¹¹, St. Louis Fed Economic Research (FRED)¹²
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Biotech/Healthcare

3rd Quarter 2015, Biotech and Healthcare



Source: Morningstar Direct as of 9/30/2015, Twitter: @HillaryClinton

Investors cannot invest directly into an index and advisors cannot mirror an index. Any performance quoted is past performance and is not a guarantee of future results. Diversification does not guarantee investment returns and does not eliminate the risk of loss. Individual results will differ based upon asset allocation, timing and fees.

See Disclosure and Index Definitions, Pages 48-49

Important Disclosures



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Footnotes

1. <http://www.bloomberg.com/news/articles/2015-09-29/ bespoke-biotech-stocks-could-fall-another-10-percent>
2. <http://www.treasury.gov/resource-center/data-chart-center/interest-rates/Pages/TextView.aspx?data=yield>
3. <https://www.cboe.com/micro/vix/historical.aspx>, <https://www.cboe.com/micro/IMPLIEDCORRELATION/>
4. <http://www.cboe.com/data/putcallratio.aspx>
5. http://www.aaii.com/sentimentsurvey/sent_results
6. <http://data.stats.gov.cn/english/easyquery.htm?cn=A01>
7. <https://research.stlouisfed.org/fred2/series/DCOILWTICO>
8. <http://www.valuwalk.com/2015/10/q3-sp-500-earnings-to-fall-for-the-first-time-since-q3-2009/>
9. <http://www.cmegroup.com/trading/interest-rates/countdown-to-fomc.html?>
10. <https://research.stlouisfed.org/fred2/series/T10YIE>
11. <http://www.bloomberg.com/news/articles/2015-08-13/loomis-aims-for-bloodless-grab-at-falling-knife-in-energy-bonds>
12. <https://research.stlouisfed.org/fred2/series/BAMLH0A0HYM2>

Index Definitions



Page	Data point	Index Used	Page	Data point	Index Used
3	US Stocks	S&P 500 TR USD	12 & 13	Country Returns	MSCI IMI NR USD by Country
3	Developed Intl Stocks	MSCI EAFE GR USD	15	US Municipals	Barclays Municipal TR USD
3	Emerging Mkts Stocks	MSCI EM NR USD	15	US MBS	Barclays US MBS TR USD
3	US Bonds	Barclays US Agg Bond TR USD	15	US Aggregate Bonds	Barclays US Agg Bond TR USD
3	Intl. Bonds	Barclays Gbl Agg Ex US TR USD	15	US Treasury Bills	Barclays US Treasury Bills TR USD
4 & 5	US Bonds	Barclays US Agg Bond TR USD	15	US High Yield	Barclays High Yield Corporate
4 & 5	High Yield	Barclays High Yield Corporate	15	World Bonds ex US	Barclays Gbl Agg Ex US TR USD
4 & 5	US Large Cap	S&P 500 TR USD	15	Emerging Mkts Bonds	JPM GBI-EM Diversified Composite TR USD
4 & 5	REITs	FTSE NAREIT All Equity REITs TR USD	16	World Ex US REITs	S&P Global Ex US REIT NR USD
4 & 5	DM Equity	MSCI EAFE GR USD	16	US REITs	FTSE NAREIT All Equity REITs TR USD
4 & 5	US Small Cap	Russell 2000 TR USD	16	REIT Sector Returns	DJ US Select REIT TR USD by Sector
4 & 5	EM Equity	MSCI EM NR USD	17	Commodity Returns	Bloomberg Sub TR USD by Commodity
4 & 5	Commodities	Bloomberg Commodity TR USD	22 - 28	Blue Stock Chart	S&P 500 Price Level
6	US Bonds	Barclays US Agg Bond TR USD	31	All Data Points	All US Stocks listed on NYSE or NASDAQ above \$500 million mkt cap
6	Cash	Morningstar Cash C	32	Stocks	S&P 500 ETF (SPY)
6	US High Yld	Barclays High Yield Corporate	32	Bonds	Barclays US Aggregate Bond ETF (AGG)
6	REITs	FTSE NAREIT All Equity REITs TR USD	33	Peer Groups	Morningstar Category Averages
6	DM Equity	MSCI EAFE GR USD	34	Alternatives Indices	Correlation Matrix descriptions corresponds to top table
6	US Lg Cap	S&P 500 TR USD	35	S&P 500	S&P 500 TR USD
6	US Sm Cap	Russell 2000 TR USD	36	S&P 500	S&P 500 TR USD
6	EM Equity	MSCI EM NR USD	37	Shanghai SE Composite	Shanghai SE Composite TR CNY
6	Cmmdty	Bloomberg Commodity TR USD	41	MSCI ACWI Ex USA (navy)	MSCI ACW Ex USA TR LCL
9	Sector Returns	S&P 1500 TR USD by Sector	41	MSCI ACWI Ex USA (blue)	MSCI ACW Ex USA TR USD
10	Style Returns	Russell 3000 TR USD by Style	43	Energy Sector/Industry/Sub Industry Returns	S&P 500 TR USD by Sector, Industry and Sub Industry
11	Factor Returns	MSCI USA GR USD weighted by Factor			



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