

**Domestic Equity**

Index Returns	MTD	QTD	YTD	1-Year	3-Year
S&P 500	(6.84)	(6.84)	3.01	7.35	11.52
Russell 1000 Growth	(8.94)	(8.94)	6.62	10.71	13.67
Russell 1000 Value	(5.18)	(5.18)	(1.46)	3.03	8.88
Russell Mid Cap	(8.31)	(8.31)	(1.47)	2.79	9.04
Russell Mid Cap Growth	(9.90)	(9.90)	2.16	6.14	10.39
Russell Mid Cap Value	(7.20)	(7.20)	(4.30)	0.16	8.15
Russell 2000	(10.86)	(10.86)	(0.60)	1.85	10.68
Russell 2000 Growth	(12.65)	(12.65)	1.11	4.13	10.72
Russell 2000 Value	(8.95)	(8.95)	(2.46)	(0.59)	10.52

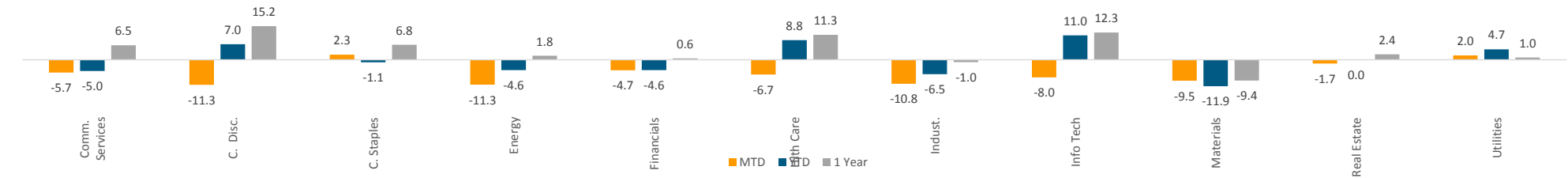
Global equity markets experienced one of their steepest pullbacks in more than seven years in October. Rising fears over global growth desynchronization with particular concerns over the slowdown in China, worsening trade relations, and earnings stumbles at several high-profile technology companies weighed heavily on overall investor sentiment.

October's reversal in sector leadership was primarily driven by a sudden risk-off/defensive shift in investor sentiment backed by fear and concern. The more defensively natured segments, utilities and consumer staples, strongly outpaced the more cyclical and growth-oriented sectors, such as consumer discretionary and energy. The search for growth-at-any-price was quickly replaced with the mentality of defense-at-any-price.

Investors' risk-off/defensive mindset this month led large caps to outperform small caps by a fairly wide margin. Despite missteps in technology, overall corporate earnings continued to be robust, supporting large cap companies. Growth leadership exhibited a complete reversal, as value significantly outpaced growth in October. The selloff lifted value names at the expense of growth stocks.

To date, over half of the companies in the S&P 500 have reported earnings for the third quarter. Of these companies, 77% have reported actual EPS above the mean EPS estimate, which is above the 5-year average of 71%. In aggregate, earnings have exceeded expectations by 6.5%, which is above the 5-year average of 4.6%. Due to these positive EPS surprises, the earnings growth rate for the S&P 500 has improved to 22.5% from 19.3% on September 30.

**S&P 500 Sector Performance**



**International Equity**

Index Returns	MTD	QTD	YTD	1-Year	3-Year
MSCI EAFE	(7.96)	(7.96)	(9.28)	(6.85)	3.62
MSCI ACWI ex US	(8.13)	(8.13)	(10.97)	(8.24)	4.37
MSCI EM	(8.71)	(8.71)	(15.72)	(12.52)	6.52
MSCI EAFE Small Cap	(9.62)	(9.62)	(11.61)	(7.81)	6.58
MSCI EAFE Growth	(9.21)	(9.21)	(8.68)	(6.04)	3.98
MSCI EAFE Value	(6.64)	(6.64)	(9.90)	(7.69)	3.20
MSCI Japan (USD)	(8.46)	(8.46)	(7.01)	(3.56)	5.44
MSCI Germany (USD)	(8.44)	(8.44)	(15.70)	(14.66)	2.50
MSCI UK (USD)	(6.75)	(6.75)	(9.26)	(4.65)	1.34
MSCI France (USD)	(9.38)	(9.38)	(6.94)	(6.92)	5.64
MSCI China (USD)	(11.47)	(11.47)	(19.55)	(16.73)	6.05
MSCI Brazil (USD)	17.83	17.83	3.38	4.76	25.17
MSCI Russia (USD)	(4.56)	(4.56)	4.10	10.69	15.24
MSCI India (USD)	(6.98)	(6.98)	(15.90)	(12.42)	3.91

Non-U.S. markets suffered as well in October, as the MSCI EAFE Index dropped 7.96%. Recent macro data continued to disappoint in the eurozone, driven by lackluster manufacturing in Germany and France. Trade tensions also appeared to have affected activity in Europe.

The MSCI Europe Index fell 7.63%, as the most current purchasing managers' indices (PMIs) disappointed in October. Car emissions tests weighed on recent manufacturing data in Germany, contributing to the sharp drop in German PMI.

The MSCI Japan Index also witnessed poor results, falling 8.46%, as China and Japan reinforced trade agreements amid rising tensions with the U.S. administration. Despite these actions dampening equity markets, the yen moved in the opposite direction.

Despite Brazil's overwhelmingly positive result in October, driven by the outcome of the presidential election, the MSCI Emerging Markets Index dove -8.71% this period. Deep concerns over a broader slowdown in China continued to hurt overall results. China recorded GDP growth of 6.5% (yoy) for the third quarter, which was marginally lower than consensus expectations.

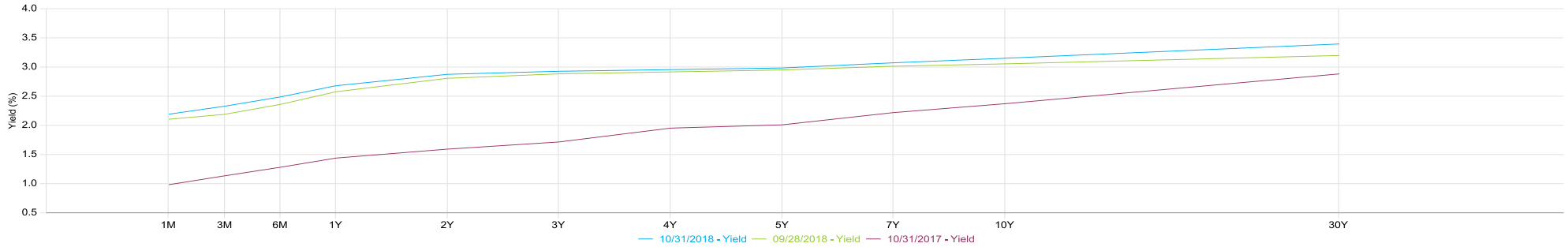
The U.S. dollar strengthened versus almost all major global currencies, with the Japanese yen breaking trend this month. Macro results continued to be primarily driven by healthy outcomes from the U.S.

**Currency Spot Returns vs USD**

	MTD	QTD	YTD	1-Year	3-Year
Euro	(2.45)	(2.45)	(5.64)	(2.74)	0.85
Japanese Yen	0.65	0.65	(0.18)	0.69	2.26
British Pound	(2.02)	(2.02)	(5.54)	(3.78)	(6.12)
Australian Dollar	(2.05)	(2.05)	(9.38)	(7.56)	(0.22)
Chinese Renminbi	(1.34)	(1.34)	(6.63)	(4.97)	(3.24)

**Fixed Income**

**United States Treasury Yield Curve**



**Index Returns**

	MTD	QTD	YTD	1-Year	3-Year
BBgBarc US Agg	(0.79)	(0.79)	(2.38)	(2.05)	1.04
BBgBarc US Corp IG	(1.46)	(1.46)	(3.76)	(3.02)	2.47
BBgBarc US Corp HY	(1.60)	(1.60)	0.93	0.97	6.60
BBgBarc US Long Corp	(3.63)	(3.63)	(8.97)	(6.68)	3.62
BBgBarc US Gov/Credit	(0.87)	(0.87)	(2.70)	(2.31)	1.15
BBgBarc US Long Gov/Credit	(3.35)	(3.35)	(8.59)	(6.37)	2.12
BBgBarc Municipal	(0.62)	(0.62)	(1.01)	(0.51)	1.90
BBgBarc US TIPS	(1.43)	(1.43)	(2.27)	(1.24)	1.46
BofAML US T-Bill 3M	0.18	0.18	1.48	1.68	0.90
Citi WGBI USD	(1.10)	(1.10)	(3.62)	(2.09)	1.32
JPM EMBI Plus USD	(2.10)	(2.10)	(6.70)	(6.88)	2.89

The Bloomberg Barclays U.S. Aggregate Bond Index continued its drop in October, falling 0.79%, as interest rates increased throughout most of the curve. Bonds were not insulated from October's market selloff, as prices fell across most segments.

The long end of the Treasury curve rose more than the short end, however, yields still increased across the curve. 30-year rates rose 18bps to 3.39% and the spread between the 10-year and the 30-year widened 11bps to end October at 25bps.

Investment-grade corporate bond spreads expanded by 12bps to 118bps in October. High-yield spreads also widened 55bps to end the month at 371bps.

The Citigroup WGBI also witnessed significant weakness, falling 1.10%. The U.S. dollar strengthened versus most major global currencies.

**Commodities & Real Estate**

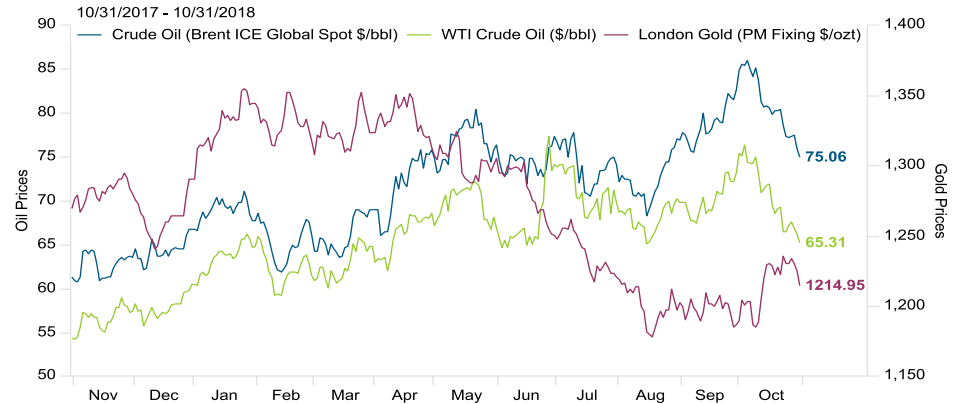
Commodities declined during the month, partaking in the volatility experienced across most major asset classes. Oil prices reverted and finished the period with their worst monthly loss in over two years, as data showed production levels reached record highs, while ongoing trade disputes put the demand outlook into question.

Global REITs fell during October, with negative returns across all regions. The group did, however, outpace broader equity markets, as the traditionally defensive sector benefitted, on a relative basis, from the heightened volatility.

**Index Returns**

	MTD	QTD	YTD	1-Year	3-Year
Bloomberg Commodity	(2.16)	(2.16)	(4.14)	(1.73)	(0.69)
S&P N.A. Natural Resources	(11.99)	(11.99)	(9.23)	(2.56)	2.02
FTSE NAREIT Eq REITs	(2.97)	(2.97)	(1.21)	1.26	4.55
FTSE NAREIT Developed	(3.71)	(3.71)	(3.65)	0.30	2.94

**Commodity Prices - Trailing 1 Year**



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