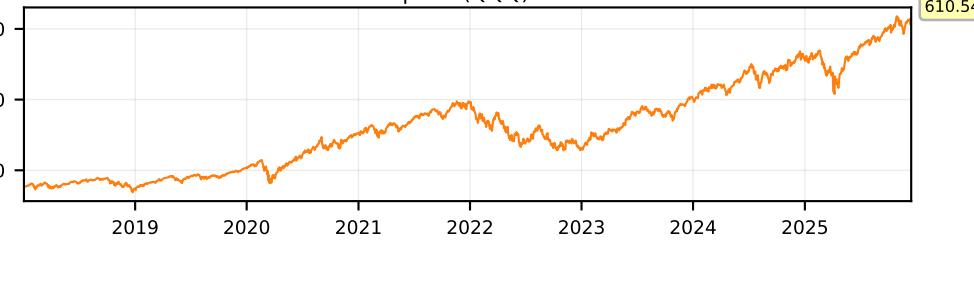
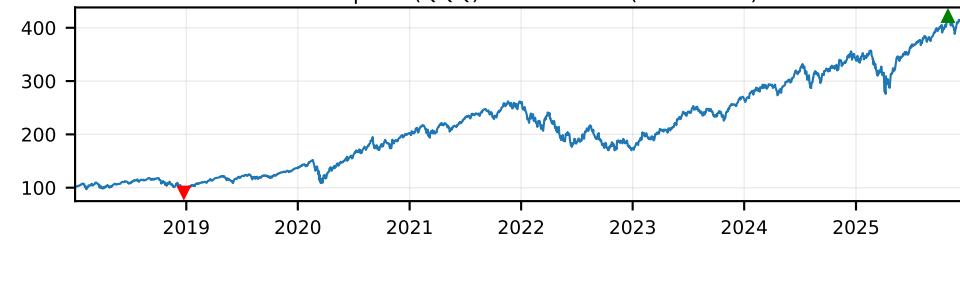
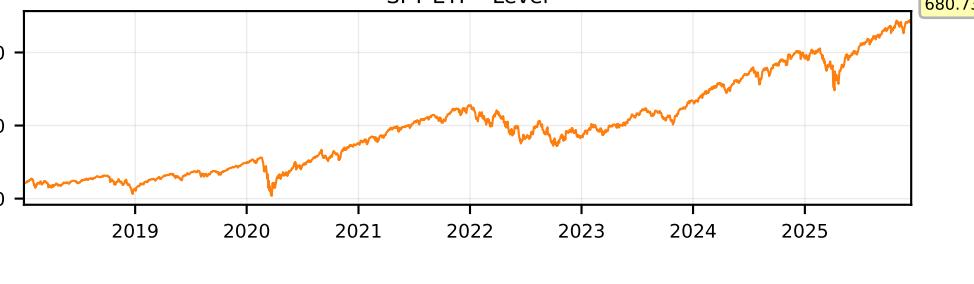
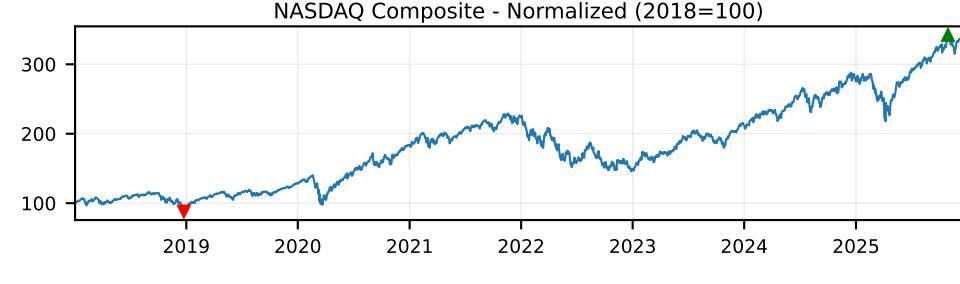
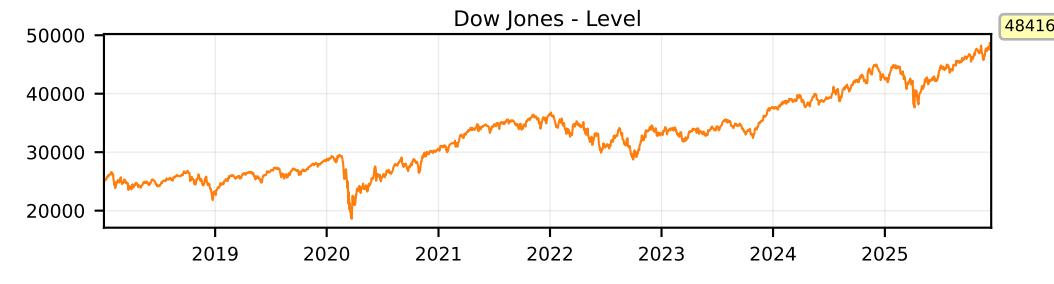
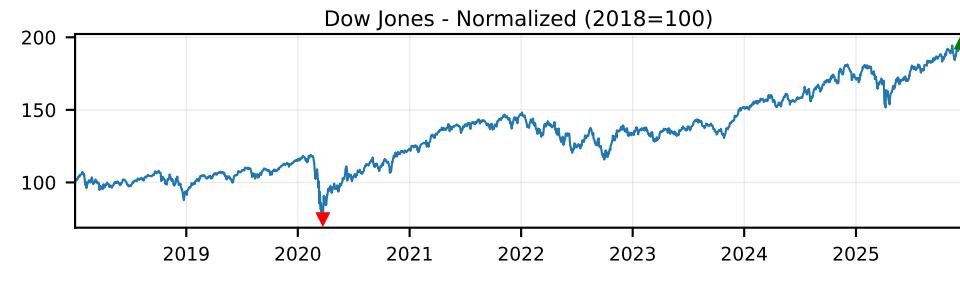
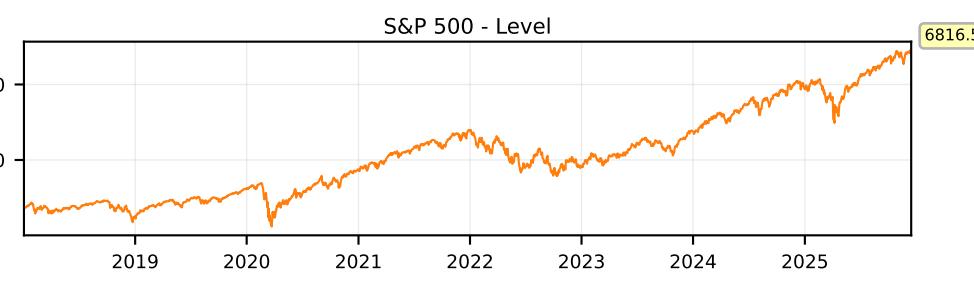
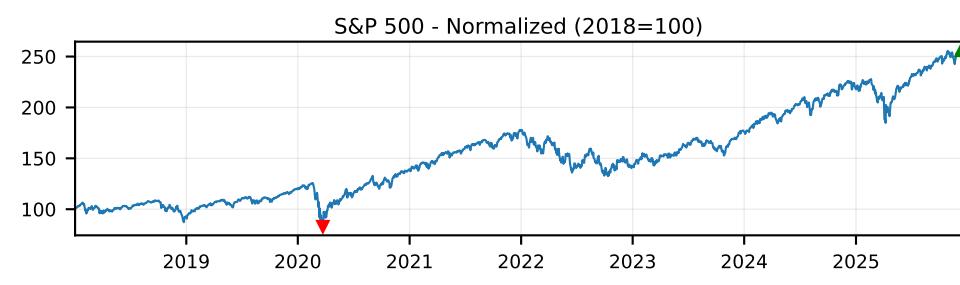


# Major Indices

| Series             | Current  | YTD   | 1M   | 3M   | 1Y    | 3Y     | 5Y     |
|--------------------|----------|-------|------|------|-------|--------|--------|
| S&P 500            | 6816.51  | 15.89 | 1.22 | 3.17 | 12.65 | 76.94  | 84.17  |
| Dow Jones          | 48416.56 | 13.8  | 2.69 | 5.81 | 10.47 | 47.07  | 60.56  |
| NASDAQ Composite   | 23057.41 | 19.4  | 0.68 | 3.24 | 15.71 | 115.38 | 82.15  |
| Russell 2000 (IWM) | 251.93   | 14.02 | 6.08 | 5.73 | 8.09  | 44.48  | 32.39  |
| SPY ETF            | 680.73   | 16.5  | 1.31 | 3.14 | 13.38 | 83.17  | 96.14  |
| Nasdaq 100 (QQQ)   | 610.54   | 19.6  | 0.28 | 3.27 | 15.44 | 126.25 | 103.15 |



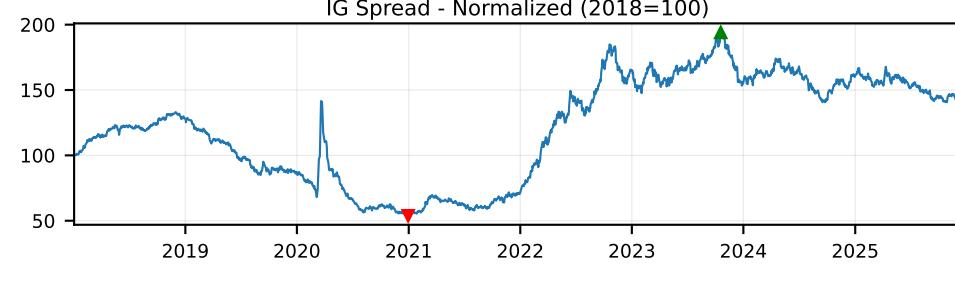
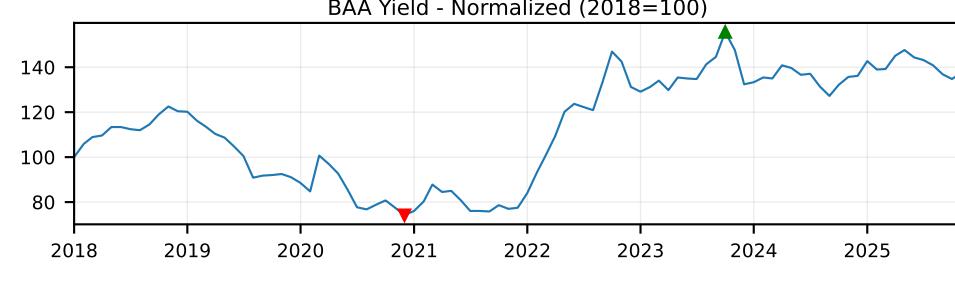
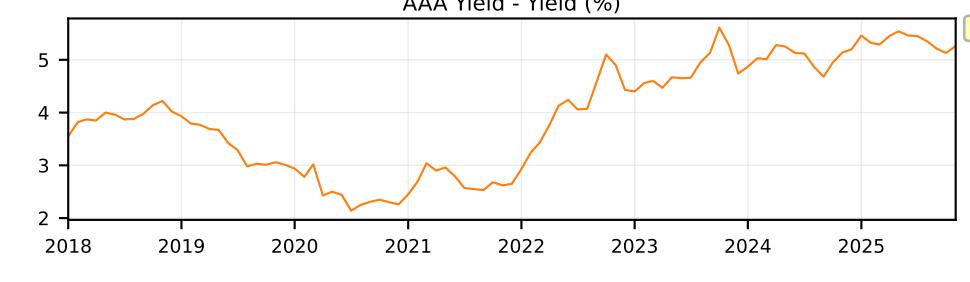
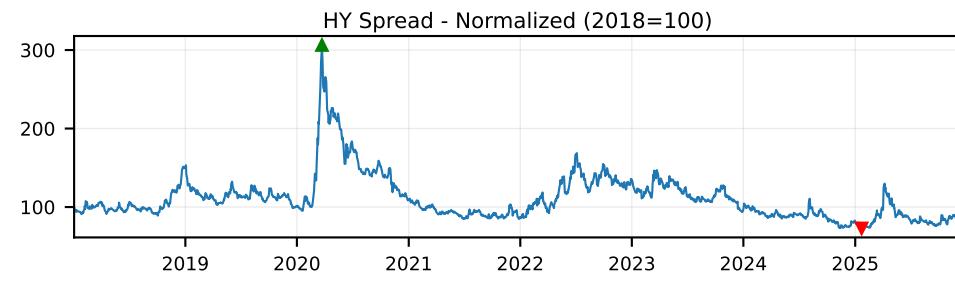
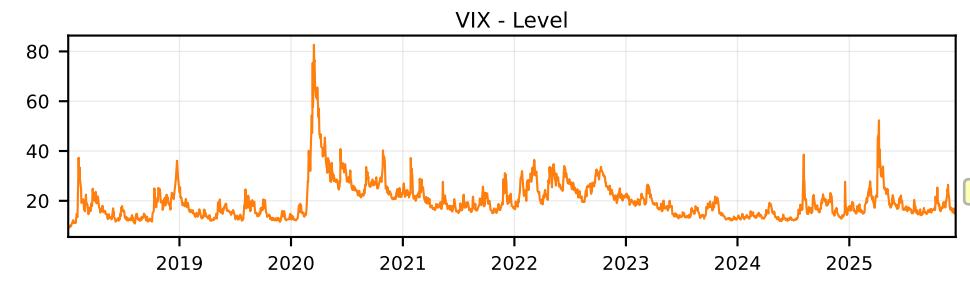
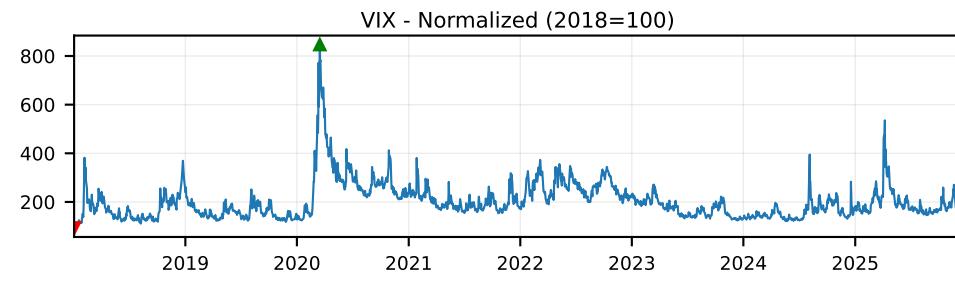
## Sectors (SPDR ETFs)

| Series        | Current | YTD    | 1M     | 3M     | 1Y     | 3Y     | 5Y     |
|---------------|---------|--------|--------|--------|--------|--------|--------|
| Materials     | 45.12   | -46.38 | -48.0  | -50.23 | -49.43 | -42.94 | -33.98 |
| Energy        | 45.19   | -47.24 | -50.89 | -49.67 | -49.35 | -46.43 | 22.89  |
| Financials    | 54.99   | 13.78  | 4.84   | 2.67   | 11.0   | 63.18  | 99.09  |
| Industrials   | 156.99  | 19.15  | 3.28   | 3.4    | 14.23  | 60.03  | 83.2   |
| Technology    | 142.3   | -38.8  | -50.62 | -47.75 | -40.47 | 11.63  | 13.34  |
| Staples       | 79.64   | 1.31   | 3.08   | -0.15  | -2.93  | 6.39   | 24.5   |
| Utilities     | 43.22   | -42.49 | 51.31  | -48.63 | -43.47 | -33.62 | -20.38 |
| Health Care   | 156.1   | 13.47  | 2.81   | 14.0   | 10.72  | 15.18  | 44.01  |
| Discretionary | 121.73  | -45.74 | -47.28 | -49.74 | -48.31 | -9.1   | -22.7  |
| Comm Services | 116.57  | 20.41  | 4.71   | -1.65  | 15.48  | 142.6  | 76.21  |



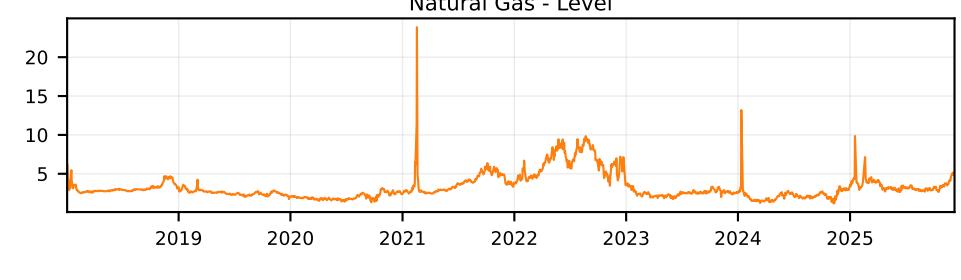
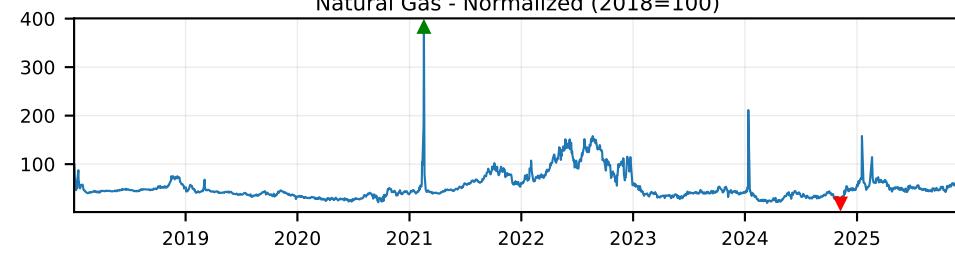
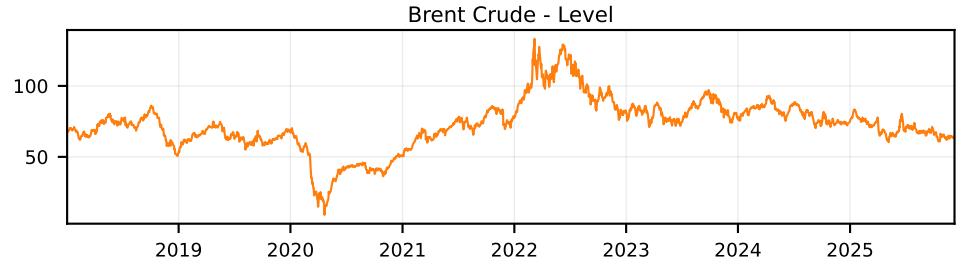
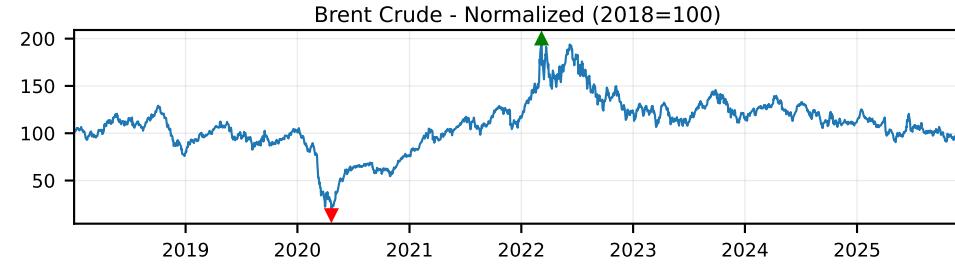
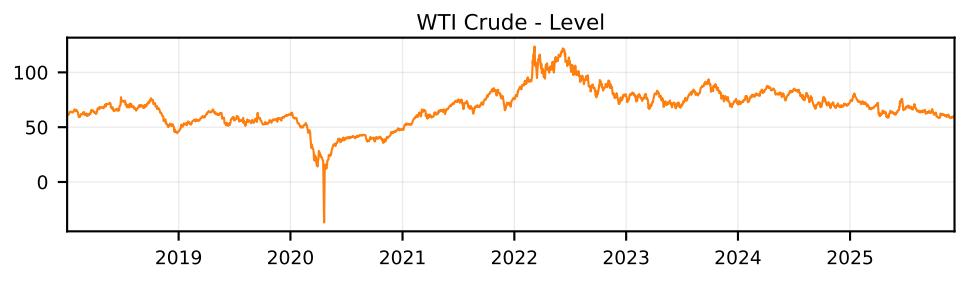
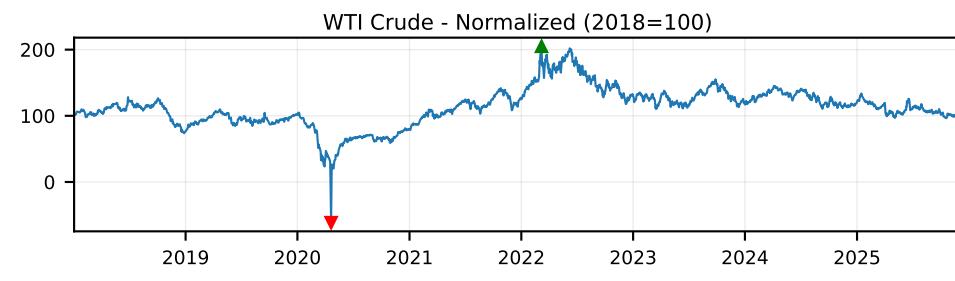
# Volatility & Credit

| Series    | Current | YTD   | 1M     | 3M    | 1Y    | 3Y     | 5Y     |
|-----------|---------|-------|--------|-------|-------|--------|--------|
| VIX       | 16.5    | -4.9  | -16.79 | 0.86  | 19.48 | -27.06 | -26.67 |
| HY Spread | 2.91    | -0.01 | -0.16  | 0.12  | 0.23  | -1.76  | -1.15  |
| AAA Yield | 5.26    | -0.2  | 0.13   | -0.09 | 0.12  | 0.36   | 2.96   |
| BAA Yield | 5.86    | -0.22 | 0.12   | -0.14 | 0.08  | -0.21  | 2.56   |
| IG Spread | 4.85    | -0.5  | -0.03  | 0.15  | -0.34 | -0.33  | 3.01   |

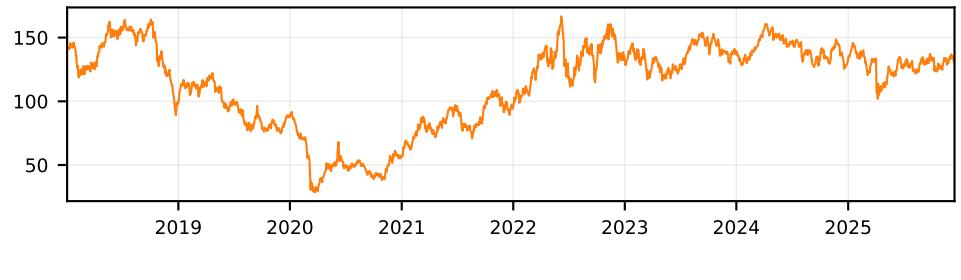
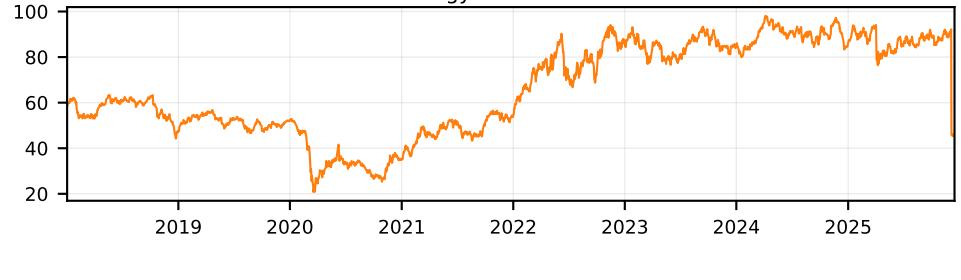
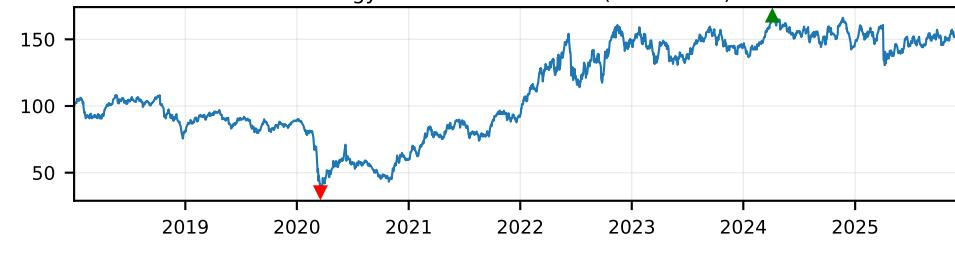


# Commodities & Energy

| Series        | Current | YTD    | 1M     | 3M     | 1Y     | 3Y     | 5Y     |
|---------------|---------|--------|--------|--------|--------|--------|--------|
| WTI Crude     | 59.04   | -18.5  | -2.48  | -6.24  | -13.91 | -16.9  | 29.82  |
| Brent Crude   | 63.3    | -15.12 | -0.66  | -6.87  | -14.2  | -17.11 | 29.69  |
| Natural Gas   | 5.19    | 52.65  | 38.03  | 66.35  | 83.39  | 4.22   | 111.84 |
| Gold          |         |        |        |        |        |        |        |
| Energy Sector | 45.19   | -47.24 | -50.89 | -49.67 | -49.35 | -46.43 | 22.89  |
| Oil & Gas E&P | 129.88  | -1.88  | -3.08  | -2.65  | -4.47  | -3.91  | 123.91 |



Gold: no data



# Interest Rates

| Series         | Current | YTD   | 1M    | 3M    | 1Y    | 3Y    | 5Y   |
|----------------|---------|-------|-------|-------|-------|-------|------|
| Fed Funds      | 3.88    | -0.45 | -0.21 | -0.45 | -0.76 | 0.1   | 3.79 |
| 3M T-Bill      | 3.78    | -0.43 | -0.04 | -0.34 | -0.64 | -0.37 | 3.69 |
| 2-Yr Treasury  | 3.55    | -0.72 | 0.03  | -0.15 | -0.71 | -0.95 | 3.38 |
| 5-Yr Treasury  | 3.67    | -0.76 | 0.02  | -0.12 | -0.56 | -0.39 | 3.28 |
| 10-Yr Treasury | 4.09    | -0.54 | 0.03  | -0.17 | -0.27 | 0.2   | 3.22 |
| 30-Yr Treasury | 4.7     | -0.15 | 0.06  | -0.17 | 0.16  | 0.7   | 3.08 |

Fed Funds - Normalized (2018=100)



Fed Funds - Yield (%)



3M T-Bill - Normalized (2018=100)



3M T-Bill - Yield (%)



2-Yr Treasury - Normalized (2018=100)



2-Yr Treasury - Yield (%)



5-Yr Treasury - Normalized (2018=100)



5-Yr Treasury - Yield (%)



10-Yr Treasury - Normalized (2018=100)



10-Yr Treasury - Yield (%)



30-Yr Treasury - Normalized (2018=100)



30-Yr Treasury - Yield (%)



# Real Estate & Intl

| Series           | Current | YTD   | 1M   | 3M    | 1Y    | 3Y    | 5Y    |
|------------------|---------|-------|------|-------|-------|-------|-------|
| US REITs         | 89.73   | 0.73  | 0.16 | -2.65 | -4.39 | 6.71  | 11.79 |
| US Real Estate   | 95.08   | 2.17  | 0.21 | -1.73 | -2.59 | 12.49 | 16.82 |
| Intl Developed   | 97.09   | 28.41 | 1.92 | 4.01  | 23.07 | 48.41 | 38.96 |
| Emerging Markets | 54.08   | 29.32 | -1.6 | 1.98  | 24.9  | 50.31 | 17.01 |
| 30-Yr Mortgage   | 6.22    | -0.63 | 0.0  | -0.13 | -0.47 | -0.11 | 3.51  |

