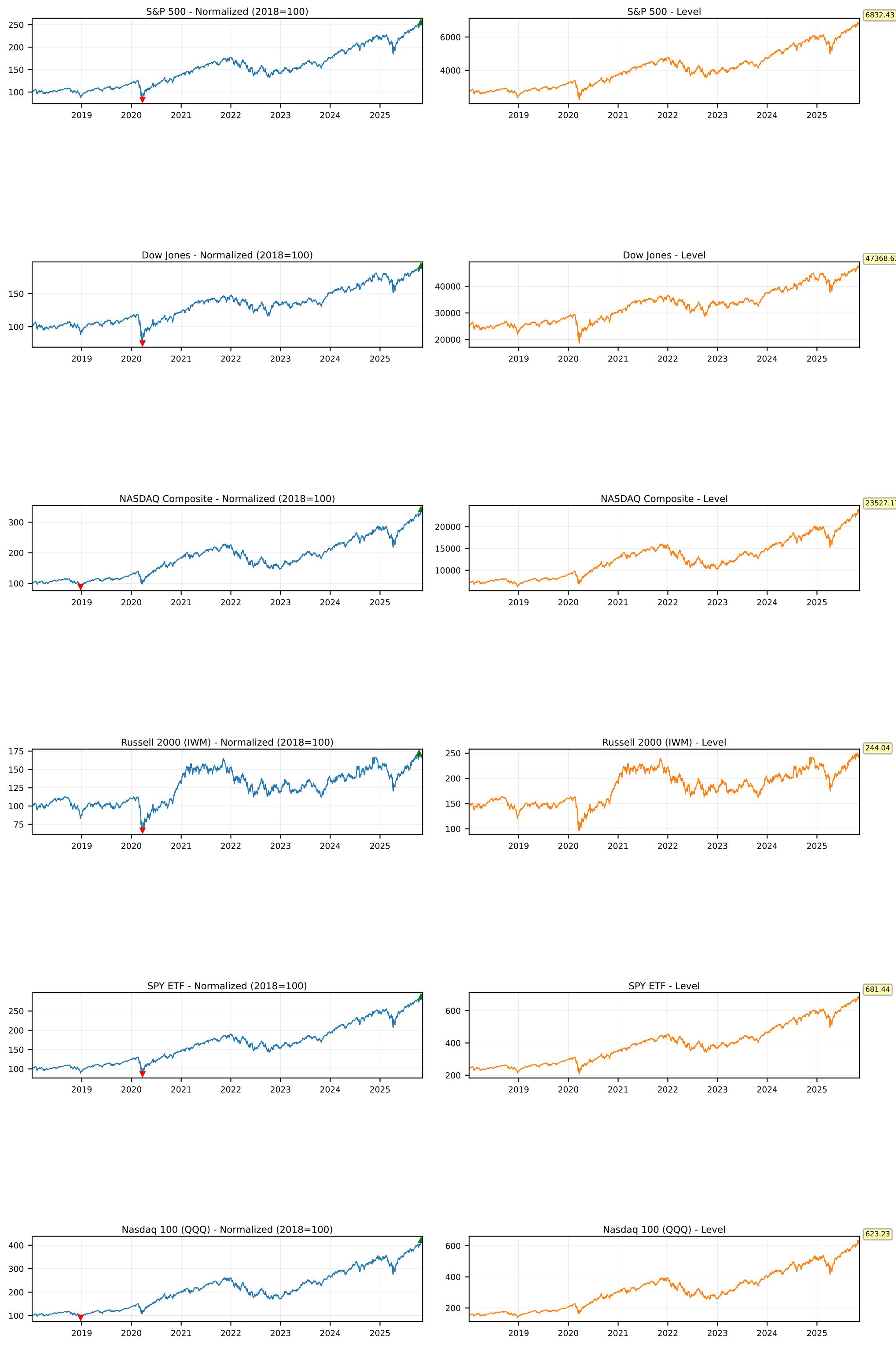


# Major Indices

| Series             | Current  | YTD   | 1M   | 3M   | 1Y    | 3Y     | 5Y     |
|--------------------|----------|-------|------|------|-------|--------|--------|
| S&P 500            | 6832.43  | 16.17 | 4.27 | 6.0  | 13.96 | 71.11  | 91.24  |
| Dow Jones          | 47368.63 | 11.34 | 4.15 | 6.55 | 7.68  | 40.36  | 61.13  |
| NASDAQ Composite   | 23527.17 | 21.83 | 5.96 | 8.51 | 21.99 | 107.78 | 99.61  |
| Russell 2000 (IWM) | 244.04   | 10.45 | 2.63 | 7.6  | 2.49  | 30.57  | 44.55  |
| SPY ETF            | 681.44   | 16.62 | 4.35 | 6.03 | 14.64 | 77.16  | 103.78 |
| Nasdaq 100 (QQQ)   | 623.23   | 22.09 | 5.72 | 7.44 | 21.59 | 119.96 | 121.13 |



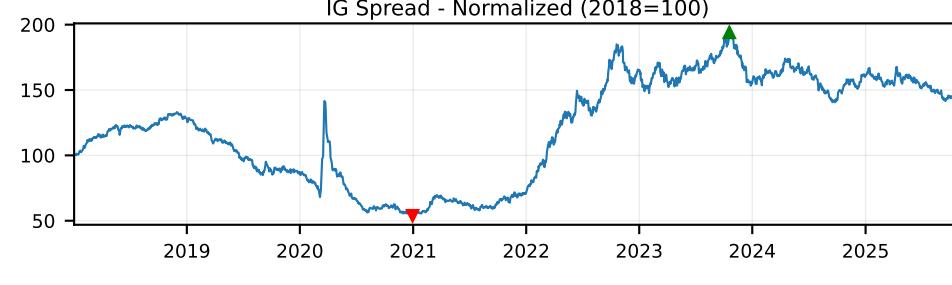
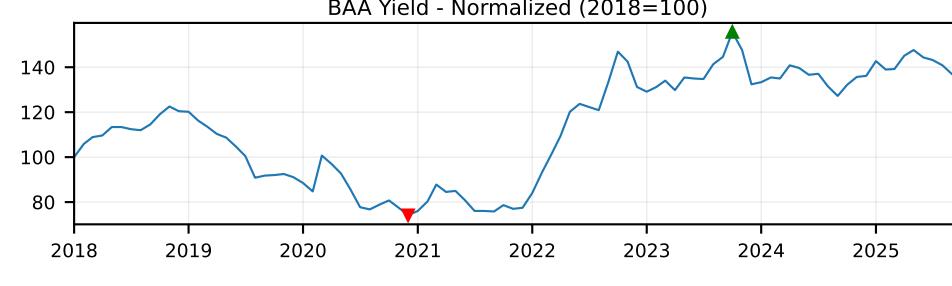
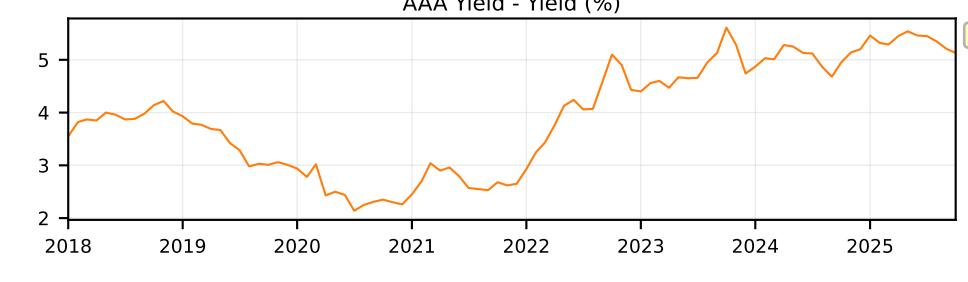
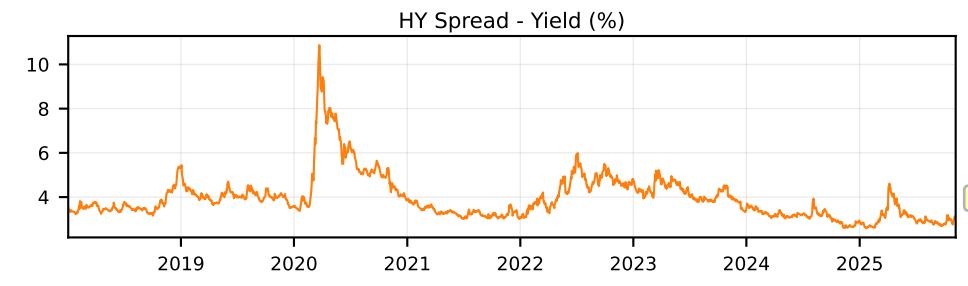
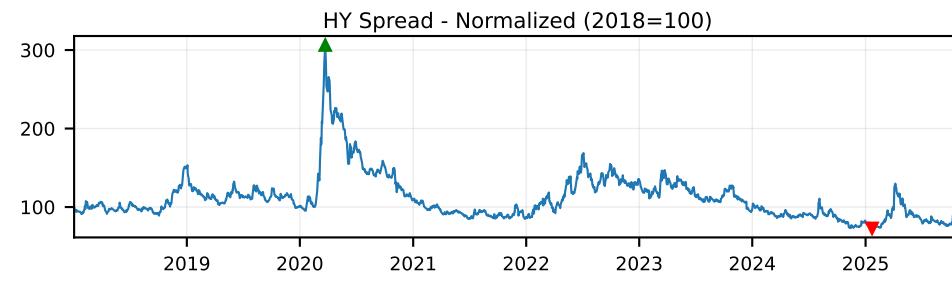
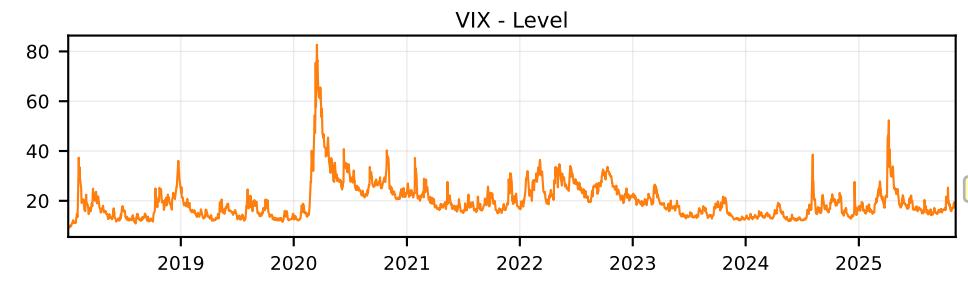
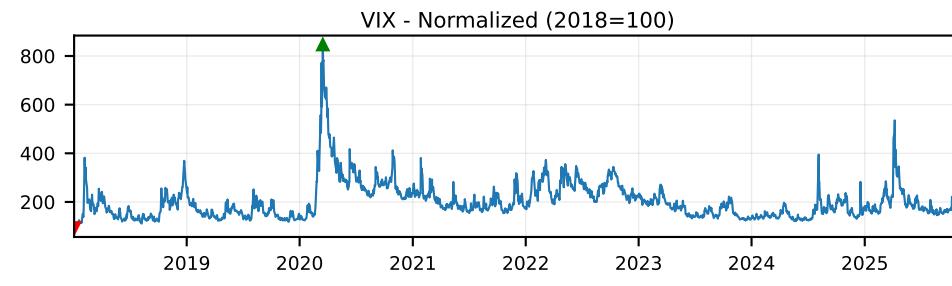
## Sectors (SPDR ETFs)

| Series        | Current | YTD   | 1M    | 3M    | 1Y    | 3Y     | 5Y     |
|---------------|---------|-------|-------|-------|-------|--------|--------|
| Materials     | 86.63   | 2.96  | -0.25 | -2.99 | -8.3  | 6.62   | 30.0   |
| Energy        | 90.35   | 5.48  | 6.02  | 6.72  | -3.63 | -2.99  | 192.83 |
| Financials    | 52.97   | 9.6   | 1.55  | 0.97  | 7.68  | 47.67  | 103.26 |
| Industrials   | 154.2   | 17.03 | 2.87  | 1.51  | 8.52  | 54.93  | 87.19  |
| Technology    | 295.53  | 27.1  | 6.16  | 10.19 | 24.61 | 121.97 | 147.84 |
| Staples       | 76.43   | -2.77 | -2.14 | -7.5  | -5.43 | 3.96   | 20.48  |
| Utilities     | 89.66   | 19.3  | -0.6  | 3.92  | 14.98 | 42.56  | 55.0   |
| Health Care   | 147.28  | 7.06  | 3.64  | 12.26 | -1.93 | 10.63  | 36.59  |
| Discretionary | 238.96  | 6.51  | 4.46  | 5.39  | 11.08 | 64.7   | 58.31  |
| Comm Services | 113.28  | 17.01 | 0.43  | 2.75  | 17.78 | 126.47 | 81.18  |



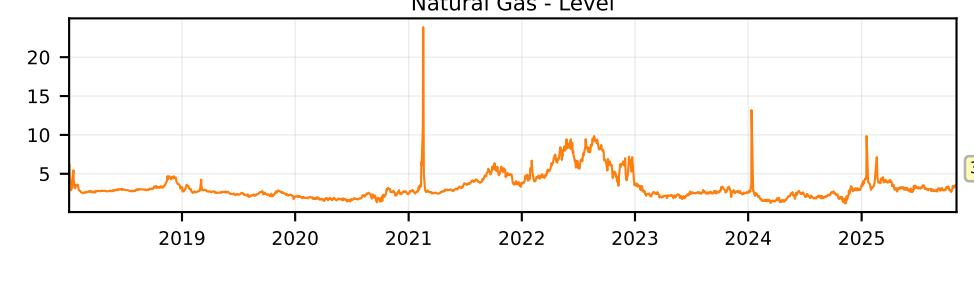
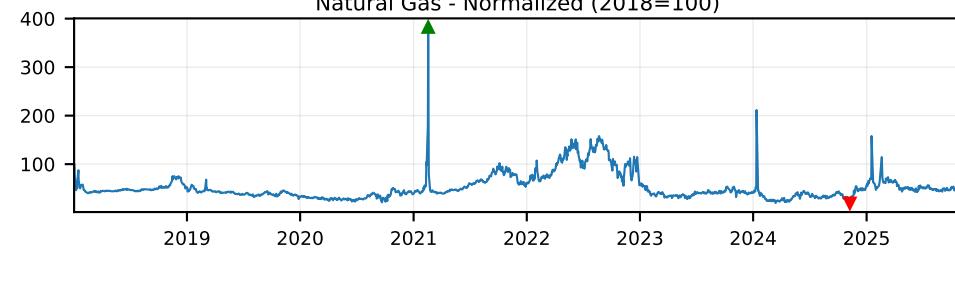
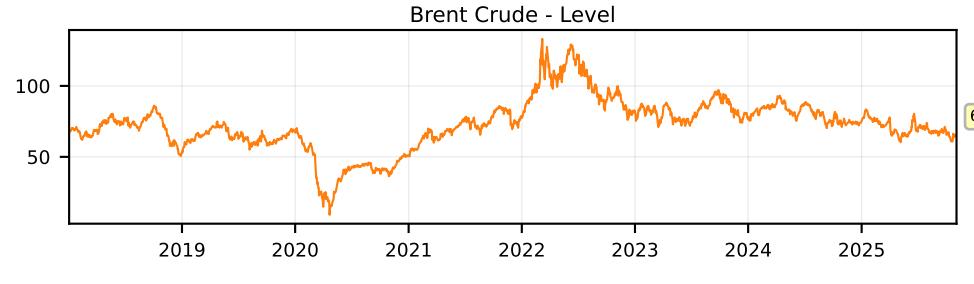
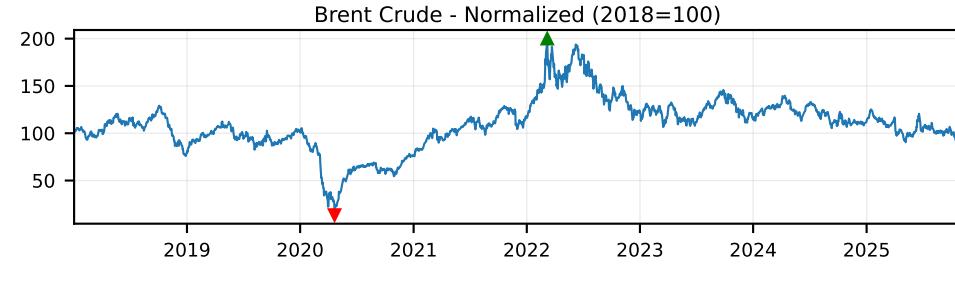
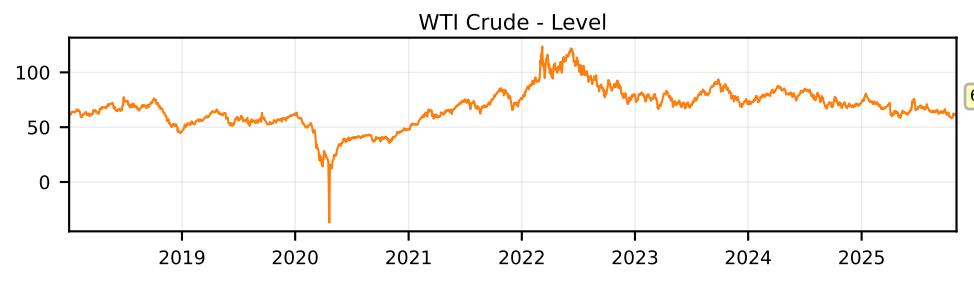
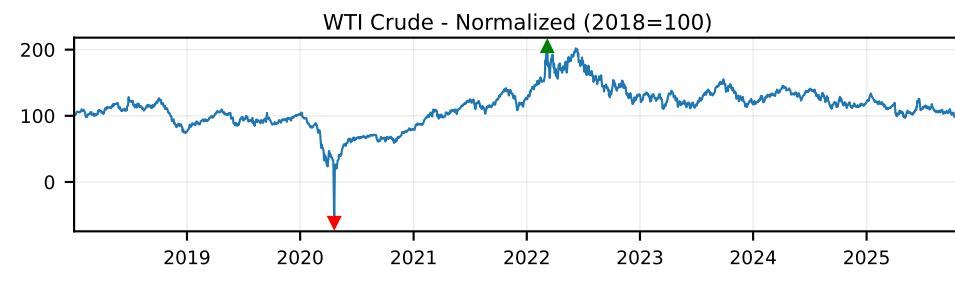
# Volatility & Credit

| Series    | Current | YTD   | 1M     | 3M    | 1Y   | 3Y     | 5Y     |
|-----------|---------|-------|--------|-------|------|--------|--------|
| VIX       | 17.6    | 1.44  | -18.74 | 19.48 | 17.8 | -21.85 | -24.95 |
| HY Spread | 3.15    | 0.23  | 0.31   | 0.21  | 0.42 | -1.64  | -1.52  |
| AAA Yield | 5.13    | -0.33 | -0.08  | -0.32 | 0.18 | 0.03   | 2.78   |
| BAA Yield | 5.74    | -0.34 | -0.09  | -0.36 | 0.11 | -0.52  | 2.3    |
| IG Spread | 4.84    | -0.51 | 0.04   | -0.15 | -0.3 | -1.17  | 2.87   |

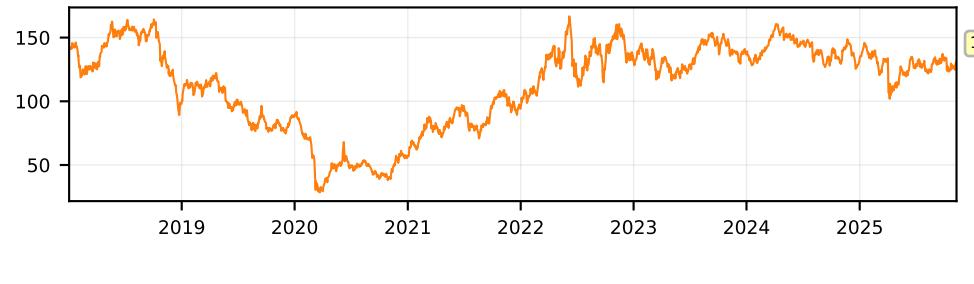
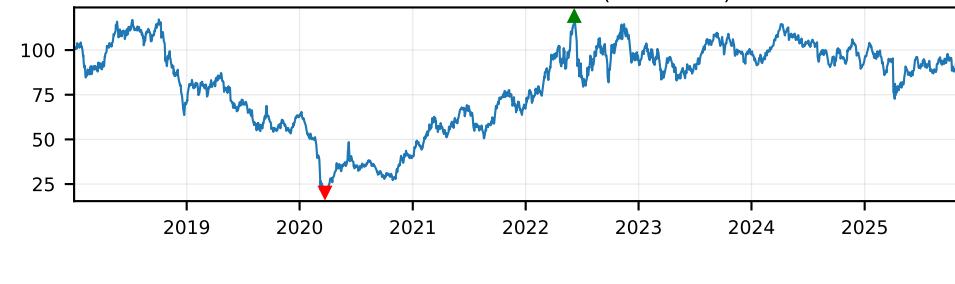
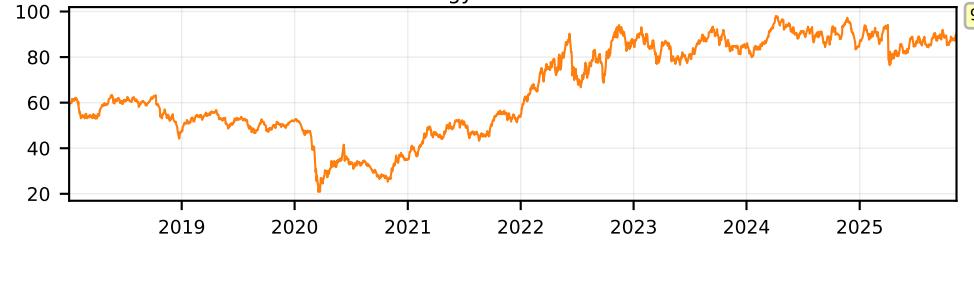
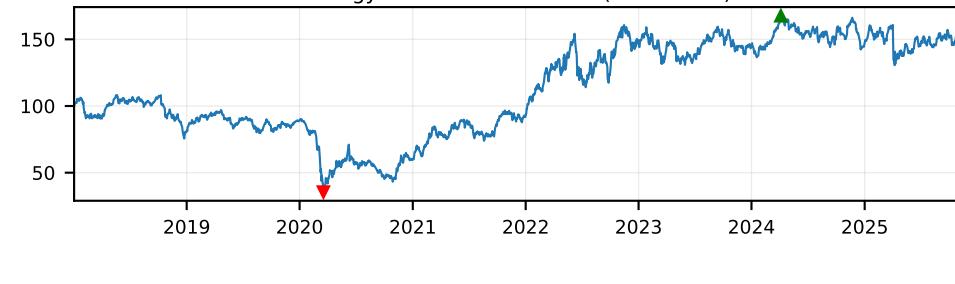


# Commodities & Energy

| Series        | Current | YTD    | 1M    | 3M    | 1Y     | 3Y     | 5Y     |
|---------------|---------|--------|-------|-------|--------|--------|--------|
| WTI Crude     | 61.79   | -14.7  | 0.23  | -6.66 | -11.49 | -33.26 | 58.56  |
| Brent Crude   | 65.79   | -11.79 | -0.51 | -4.85 | -10.65 | -33.9  | 65.8   |
| Natural Gas   | 3.37    | -0.88  | 5.64  | 13.09 | 137.32 | -15.75 | 28.14  |
| Gold          |         |        |       |       |        |        |        |
| Energy Sector | 90.35   | 5.48   | 6.02  | 6.72  | -3.63  | -2.99  | 192.83 |
| Oil & Gas E&P | 131.41  | -0.73  | 6.01  | 6.6   | -6.16  | -17.42 | 183.47 |



Gold: no data



# Interest Rates

| Series         | Current | YTD   | 1M    | 3M    | 1Y    | 3Y    | 5Y   |
|----------------|---------|-------|-------|-------|-------|-------|------|
| Fed Funds      | 4.09    | -0.24 | -0.13 | -0.24 | -0.74 | 1.01  | 4.0  |
| 3M T-Bill      | 3.82    | -0.39 | -0.1  | -0.43 | -0.69 | 0.1   | 3.72 |
| 2-Yr Treasury  | 3.52    | -0.75 | -0.05 | -0.36 | -0.45 | -0.86 | 3.37 |
| 5-Yr Treasury  | 3.65    | -0.78 | -0.01 | -0.3  | -0.26 | -0.53 | 3.31 |
| 10-Yr Treasury | 4.06    | -0.57 | -0.06 | -0.33 | -0.04 | 0.08  | 3.27 |
| 30-Yr Treasury | 4.64    | -0.21 | -0.1  | -0.28 | 0.26  | 0.6   | 3.07 |

Fed Funds - Normalized (2018=100)



Fed Funds - Yield (%)



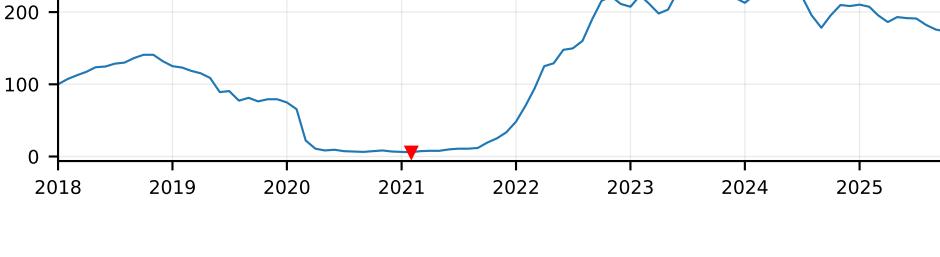
3M T-Bill - Normalized (2018=100)



3M T-Bill - Yield (%)



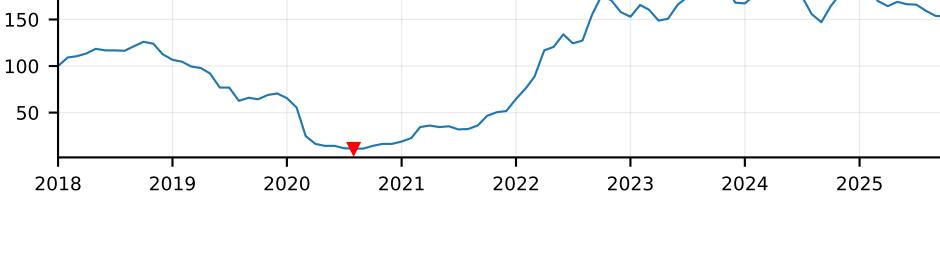
2-Yr Treasury - Normalized (2018=100)



2-Yr Treasury - Yield (%)



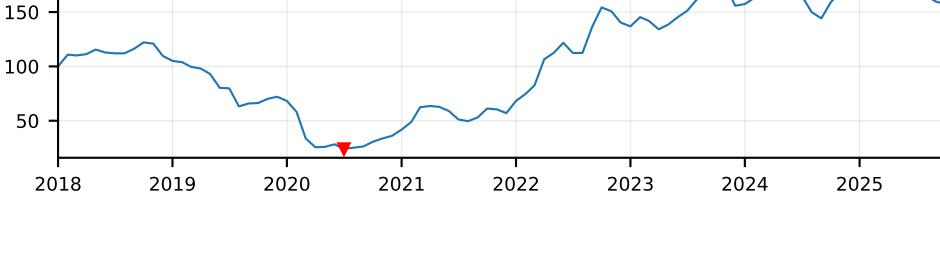
5-Yr Treasury - Normalized (2018=100)



5-Yr Treasury - Yield (%)



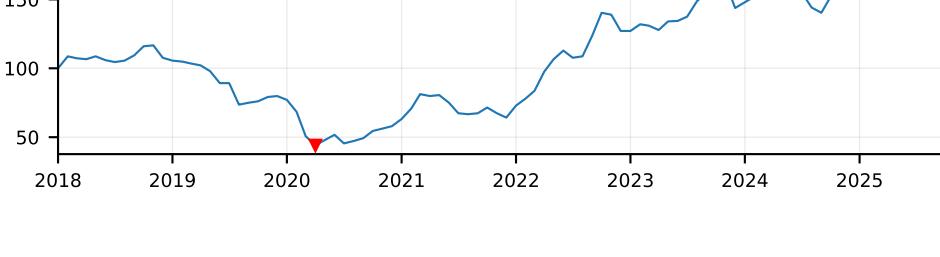
10-Yr Treasury - Normalized (2018=100)



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         | 90.18   | 1.23  | 2.33  | 1.36  | -5.94 | 3.67  | 14.45 |
| US Real Estate   | 95.49   | 2.61  | 1.92  | 1.04  | -4.4  | 8.46  | 18.2  |
| Intl Developed   | 95.29   | 26.03 | 3.31  | 4.61  | 20.38 | 45.57 | 44.07 |
| Emerging Markets | 55.51   | 32.74 | 6.87  | 11.24 | 26.42 | 55.28 | 28.16 |
| 30-Yr Mortgage   | 6.22    | -0.63 | -0.12 | -0.41 | -0.5  | -0.73 | 3.44  |

