



Market Maps

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RBC Capital Markets, LLC / Portfolio Advisory Group
All values in U.S. dollars and priced as of April 30, 2019, unless otherwise noted

For Disclosures, see slide 14



**Wealth
Management**

DJIA with 4-month and 13-month moving averages

\$INDU Dow Jones Industrial Average INDEX
30-Apr-2019

Bullish trend indicated when 4 mo. crosses above 13 mo.

Bearish trend indicated when 4 mo. crosses below 13 mo.

4-month moving average ————

13-month moving average ————

The DJIA is back to trading above the rising 4- and 13-month moving averages, which is as strong as the indicator can get. If the general trading range of the past year was to continue for several more months, it would be possible to see the moving averages converge, which would still be a normal progression within the longer-term bullish trend, as it was in 2015. The general lack of investor and public optimism is one of the factors that is helping to keep the market from overheating and reaching a potential top over the near term.

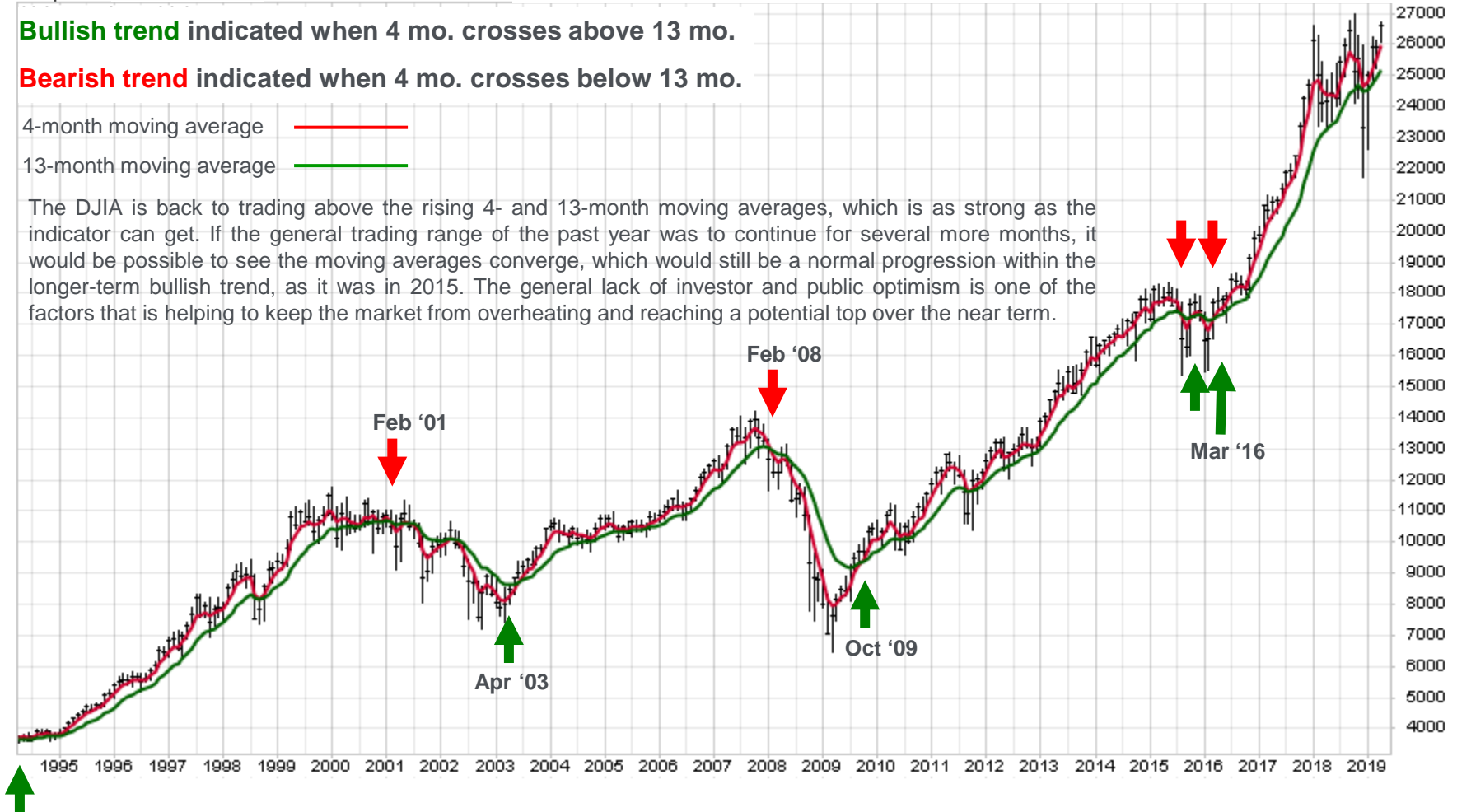


Chart courtesy of StockCharts.com and RBC Wealth Management

Long-term market cycles 1925–2019

\$SPX S&P 500 Large Cap Index: INDX
30-Apr-2019

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The usual measure of a long-term secular bull market begins on the breakout from the previous range, which in the current market uptrend happened in 2013, although the bear market bottom was 2009. The trend implies that several more years of upside progress is possible, along with a good amount of volatility along the way. The sentiment, demographics, economic, and earnings trends are mostly in choppy but improving trends that are typical for this stage of a long-term secular bull market, and appear to be far below the higher peaks that tend to come later in the cycle before the more meaningful long-term tops are created.

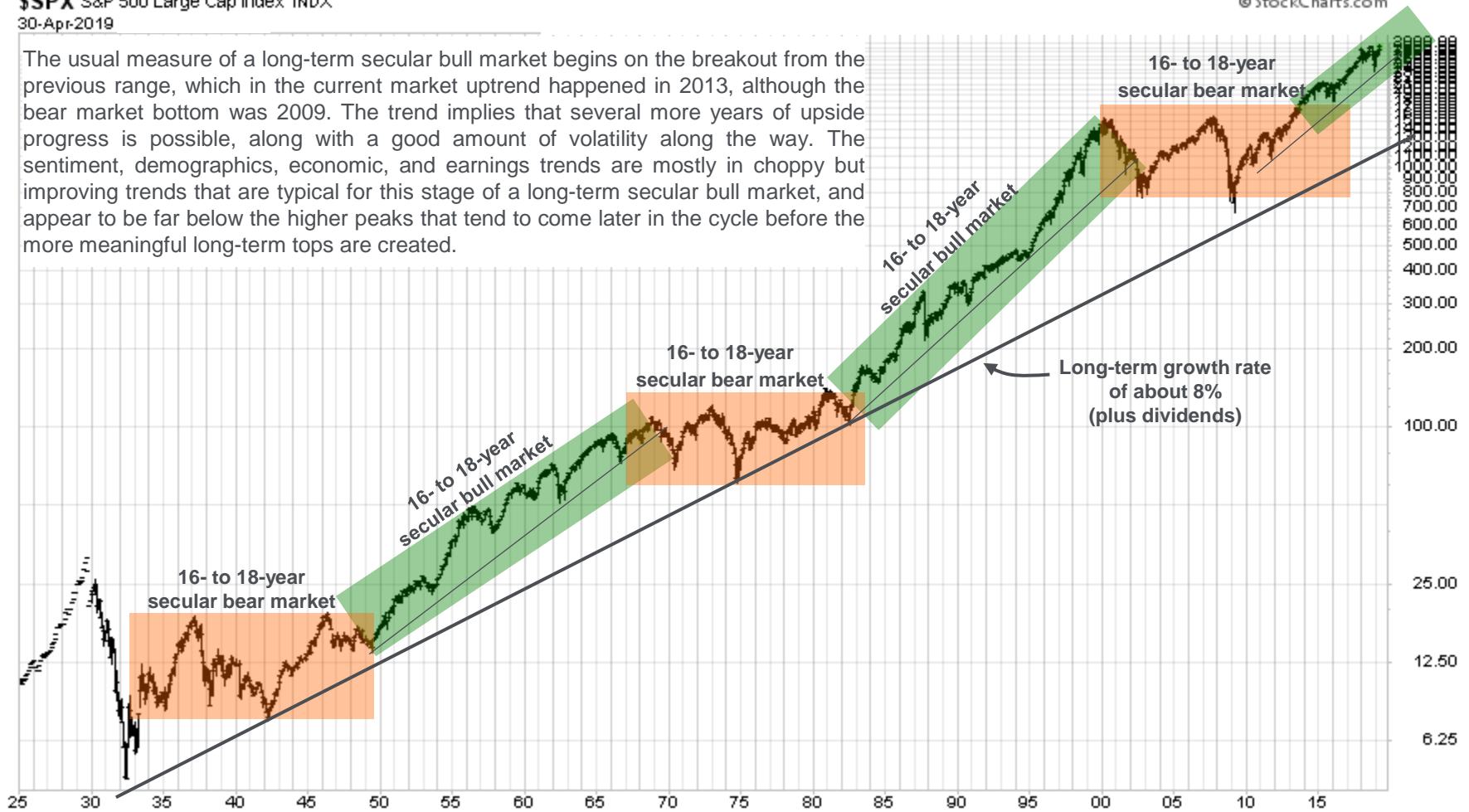


Chart courtesy of StockCharts.com and RBC Wealth Management; past performance does not guarantee future results



Short-term market: S&P 500 – 11 years

\$SPX S&P 500 Large Cap Index: INDX

30-Apr-2019

↑↓ \$SPX (Weekly) 2935.50

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Chart courtesy of StockCharts.com and RBC Wealth Management

Investor sentiment – 30 years

!AAIBULL A, All Bulls INDX
30-Apr-2019

© StockCharts.com

The American Association of Individual Investors is an organization that polls its members weekly on whether they believe the market will be up, down, or unchanged, six months in the future. This is a graph showing the percentage of the members who gave a bullish response, measured with a 50-week moving average in red plotted against the S&P 500 in black. These surveys began in 1988.



The bullish investor sentiment is trending lower even after the recent two-month rally in the markets. The longer-term bullish market trend continues to be intact, and we view the relatively low level of bullish opinion as being an indication that the longer-term bull market could see much more improvement in the sentiment before it gets to the overbought and extremes in optimism that are often seen at major market tops.

Chart courtesy of StockCharts.com and RBC Wealth Management

TSX Composite – 11 years

\$TSX TSX Composite Index TSE

© StockCharts.com

30-Apr-2019

↑↓ \$TSX (Weekly) 16599.19



Chart courtesy of StockCharts.com and RBC Wealth Management

Currencies – 5-year trends

\$USD US Dollar Index

30-Apr-2019

© StockCharts.com



\$CAD Canadian Dollar - Continuous Cont

30-Apr-2019

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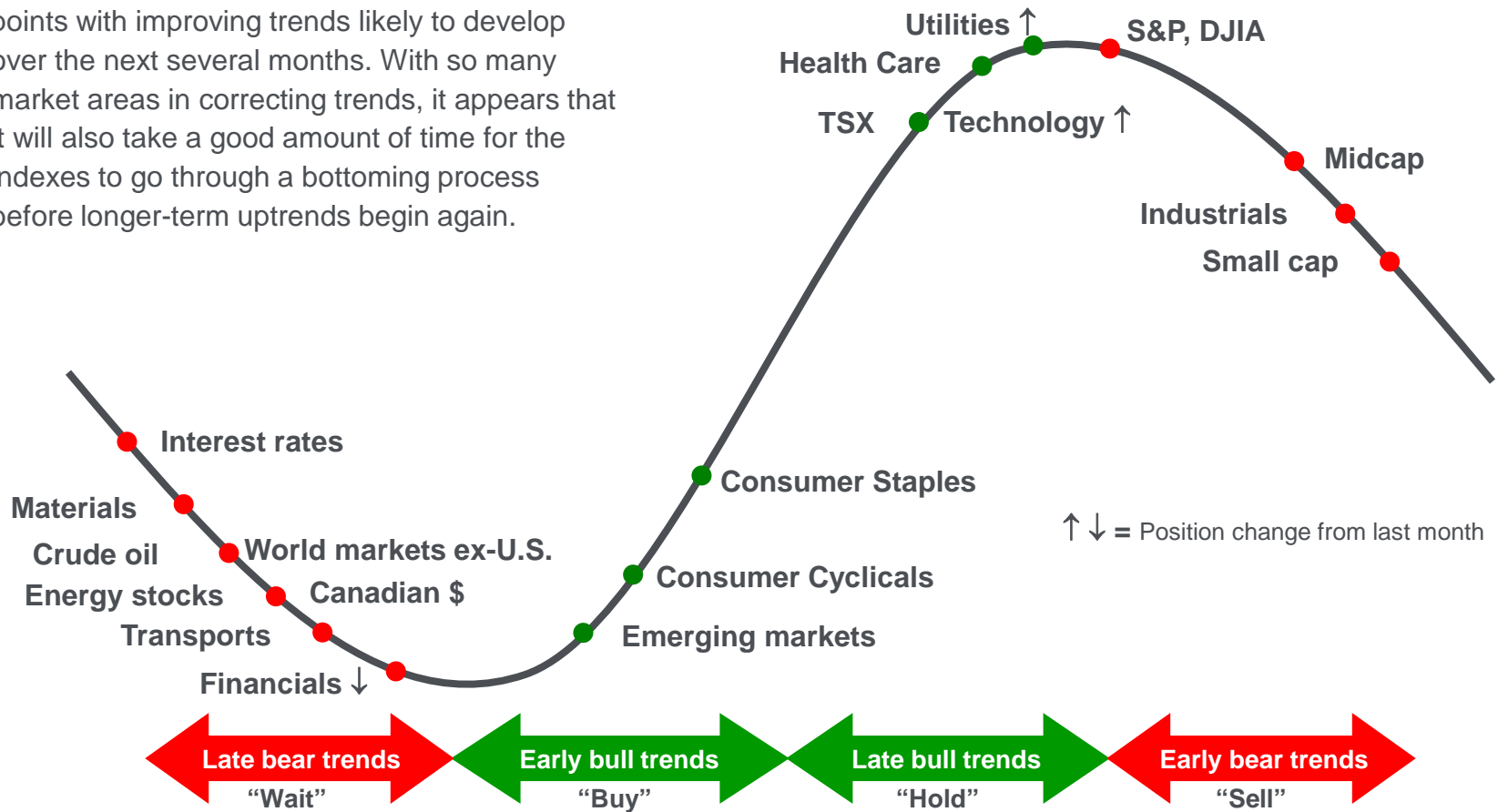


Charts courtesy of StockCharts.com and RBC Wealth Management

S&P sectors & market indexes cycle positions

Relative positioning of major sectors within their individual cycles

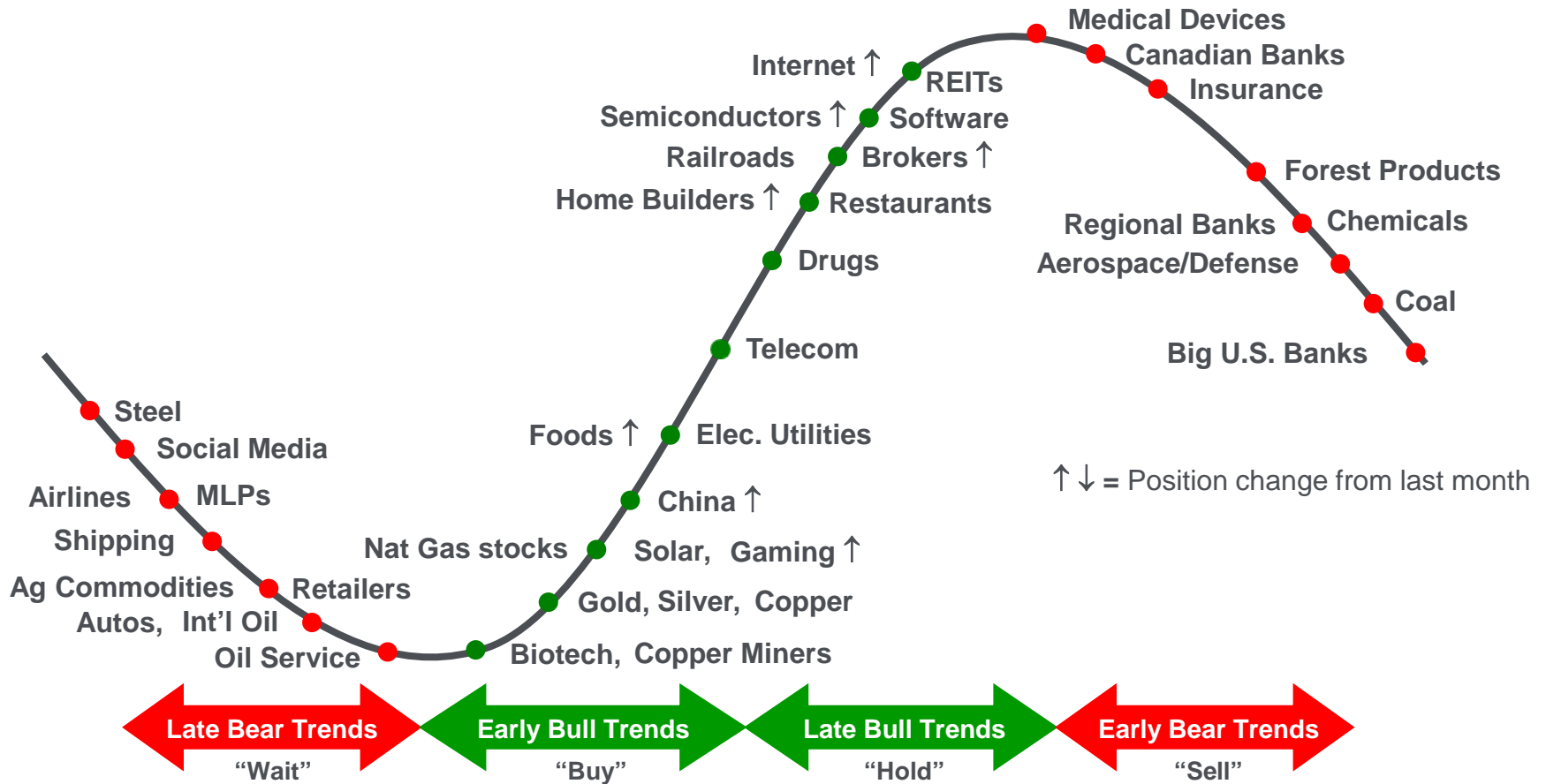
Most market sectors are in correcting trends of some sort, with some nearing potential bottoming points with improving trends likely to develop over the next several months. With so many market areas in correcting trends, it appears that it will also take a good amount of time for the indexes to go through a bottoming process before longer-term uptrends begin again.



Source - RBC Wealth Management

Select groups cycle positions

Our relative positioning of groups of interest within their individual bull and bear cycles



Source - RBC Wealth Management

Gold – 11 years

\$GOLD Gold - Continuous Contract (EOD) CME

30-Apr-2019

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Chart courtesy of StockCharts.com and RBC Wealth Management

Oil – Eight years

\$WTIC Light Crude Oil

© StockCharts.com

30-Apr-2019

WTIC (Daily) 63.91



Chart courtesy of StockCharts.com and RBC Wealth Management



Stocks vs. commodities – 60 years

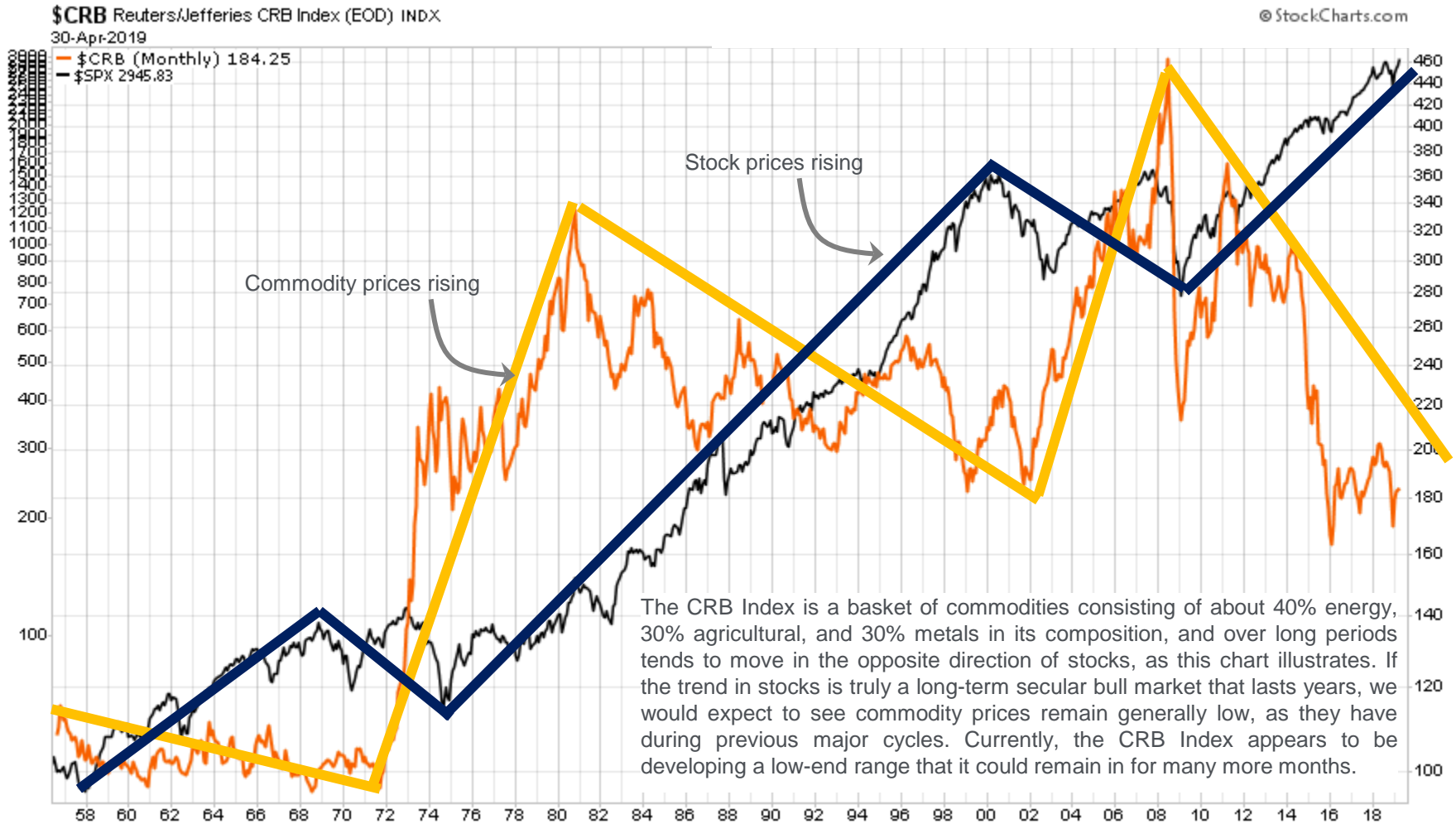


Chart courtesy of StockCharts.com and RBC Wealth Management

10-year Treasury bond yield for 140 years



Chart courtesy of MultPL.com and RBC Wealth Management

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