



Market Maps

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RBC Capital Markets, LLC / Portfolio Advisory Group
All values in U.S. dollars and priced as of June 28, 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
28-Jun-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 4-month moving average remains above the 13-month moving average as the market holds steady within the range that it has now been in for over 18 months. When market trends flatten, moving averages tend to also flatten and can cross without a truly valid signal, which could be in development with the recent neutral trend. In that regard, other indicators will be needed to validate any near-term signal by the 4-x13-month moving averages, which otherwise continue to be positioned in a long-term bullish pattern.

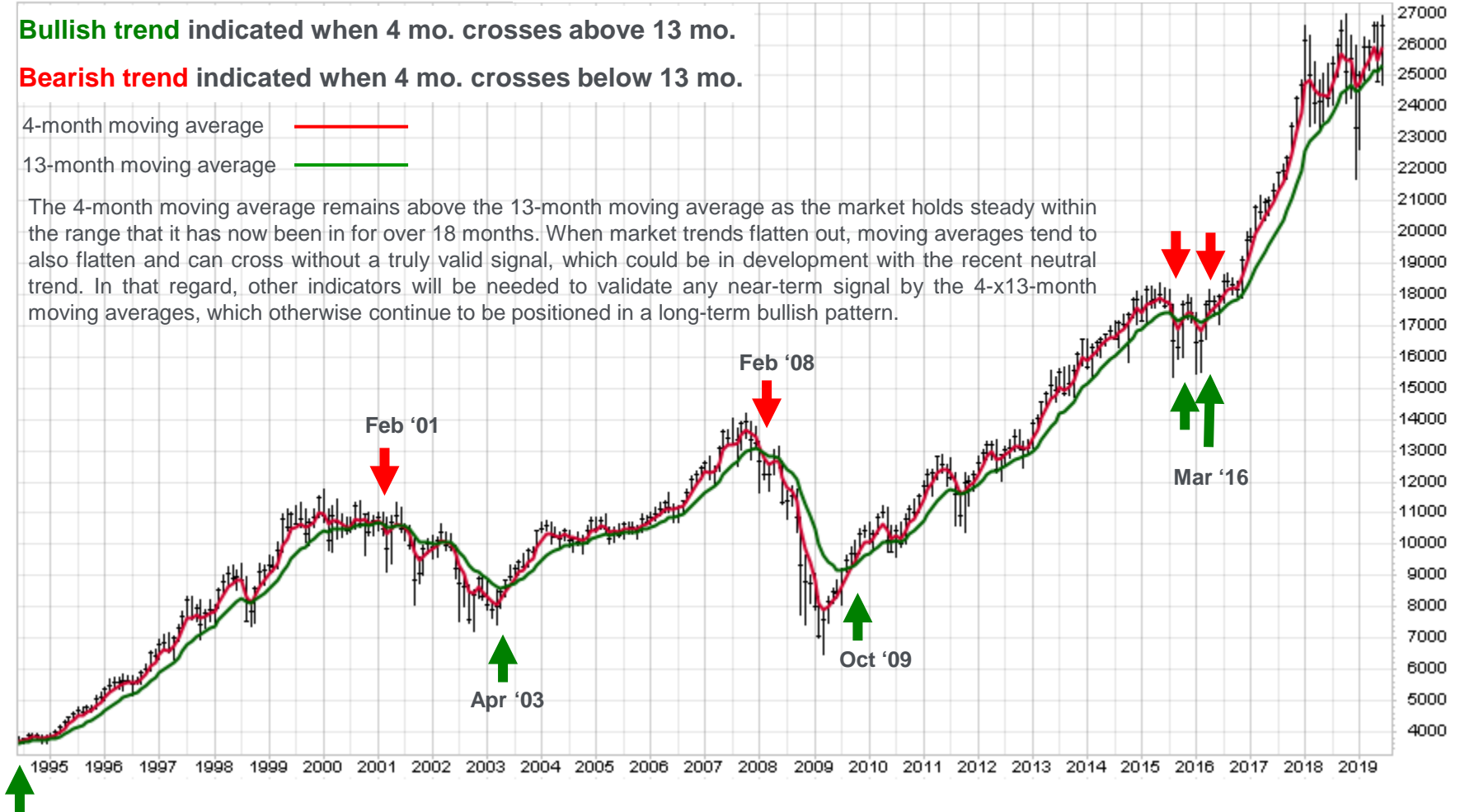


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Long-term market cycles 1925–2019

\$SPX S&P 500 Large Cap Index INDX
28-Jun-2019

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We believe that the long-term secular bull market that began in 2009 is about at the halfway point and could still have some significant upside potential over the next several years, but not in a straight line, of course. Secular bull trends can have corrections in excess of 20% and also economic recessions of a more modest variety, but do tend to follow an economic and earnings expansion that evolves from a serious low position to a high area that is characterized by a high degree of investor optimism and high stock valuations in a bullish condition that can last for years. The current bull market trend that has mixed indicators after moving up 300% during the past 10 years is the perfect storm for more of the same ahead, in our opinion.

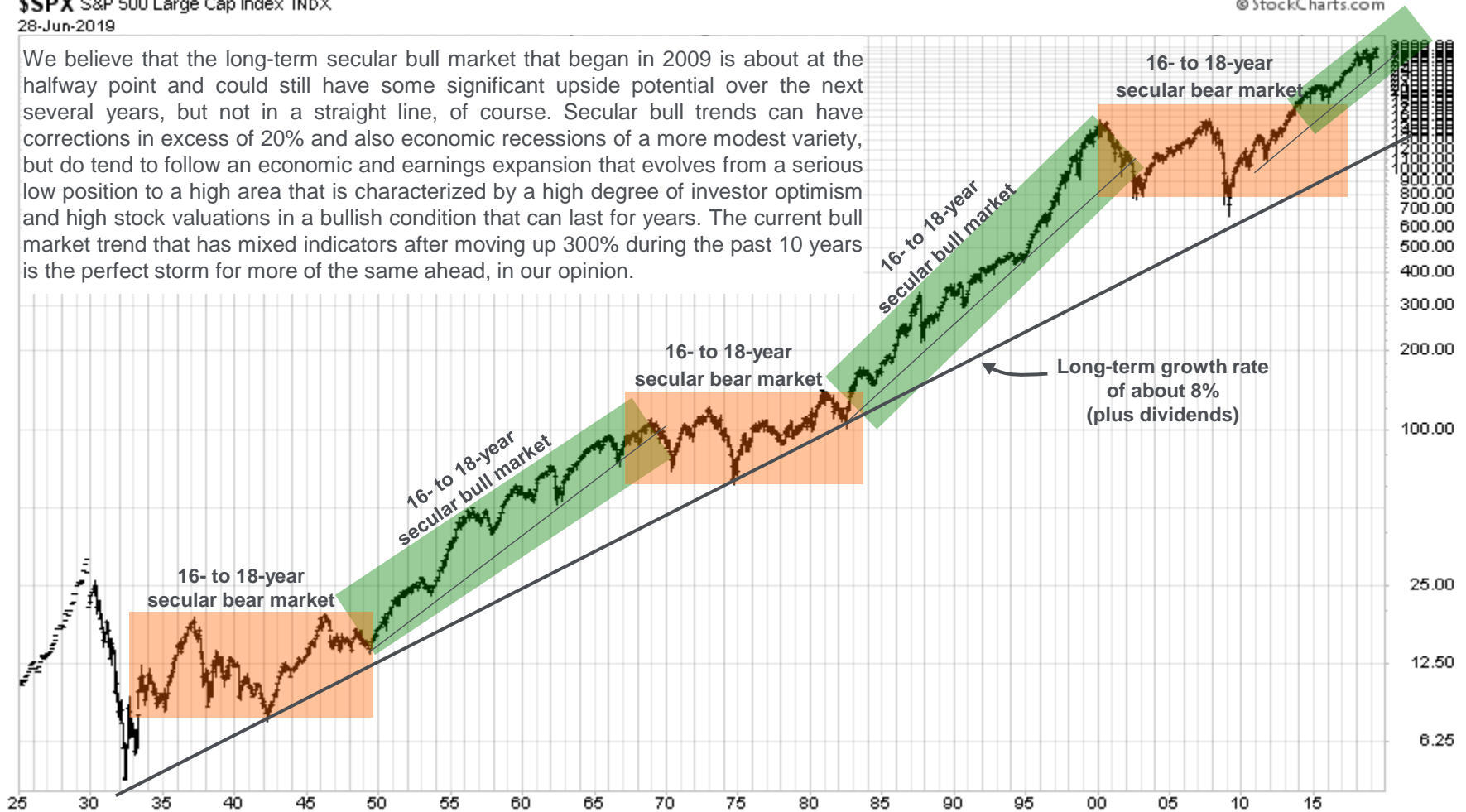


Chart courtesy of StockCharts.com and RBC Wealth Management; past performance does not guarantee future results



Short-term market: S&P 500 – 11 years

\$SPX S&P 500 Large Cap Index INDX

28-Jun-2019

↑↓ \$SPX (Weekly) 2941.76

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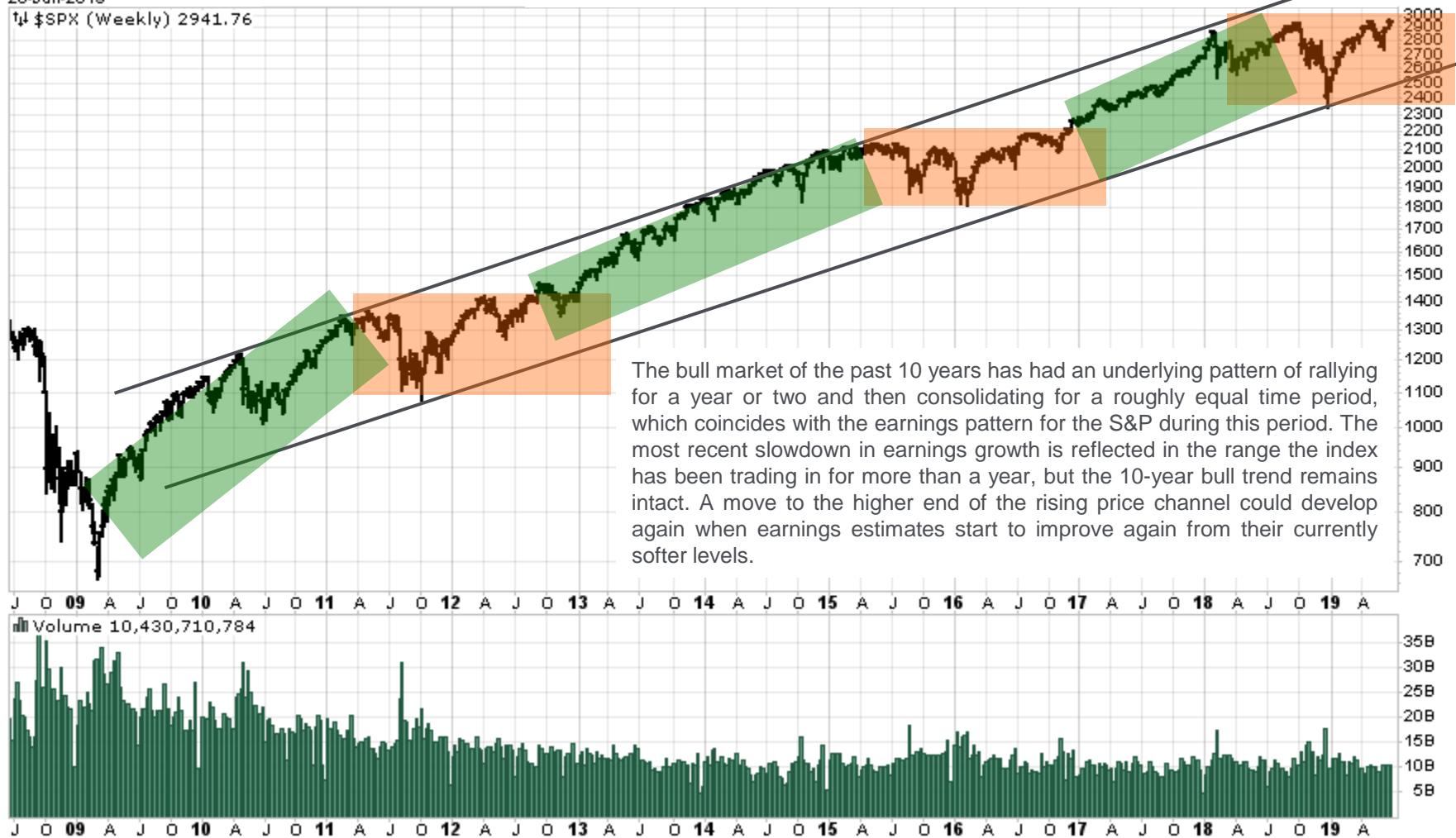


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Investor sentiment – 30 years

IAAIBULL A, All Bulls INDX
28-Jun-2019

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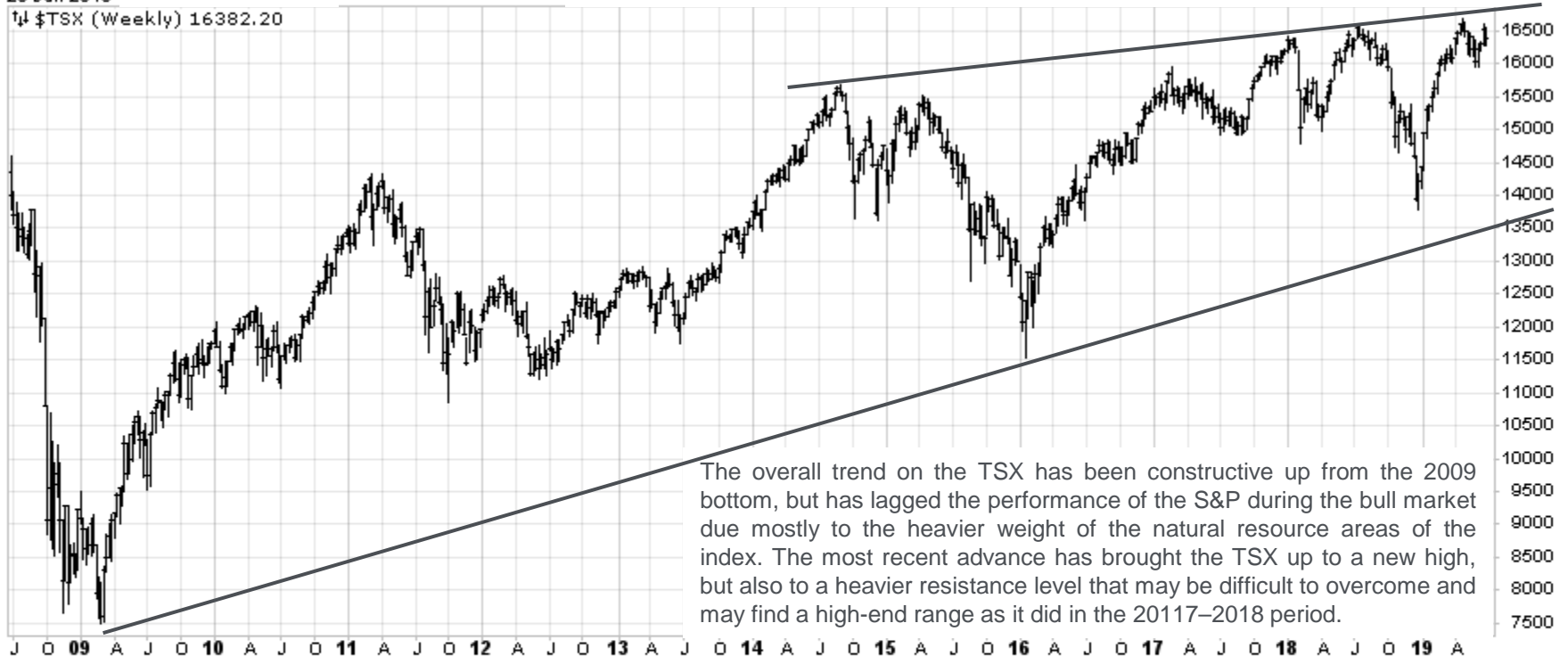
TSX Composite – 11 years

\$TSX TSX Composite Index TSE

28-Jun-2019

↑↓ \$TSX (Weekly) 16382.20

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The overall trend on the TSX has been constructive up from the 2009 bottom, but has lagged the performance of the S&P during the bull market due mostly to the heavier weight of the natural resource areas of the index. The most recent advance has brought the TSX up to a new high, but also to a heavier resistance level that may be difficult to overcome and may find a high-end range as it did in the 2011–2018 period.



Chart courtesy of StockCharts.com and RBC Wealth Management



Currencies – 5-year trends

\$USD US Dollar Index
28-Jun-2019

© StockCharts.com



\$CAD Canadian Dollar - Continuous Cont
28-Jun-2019

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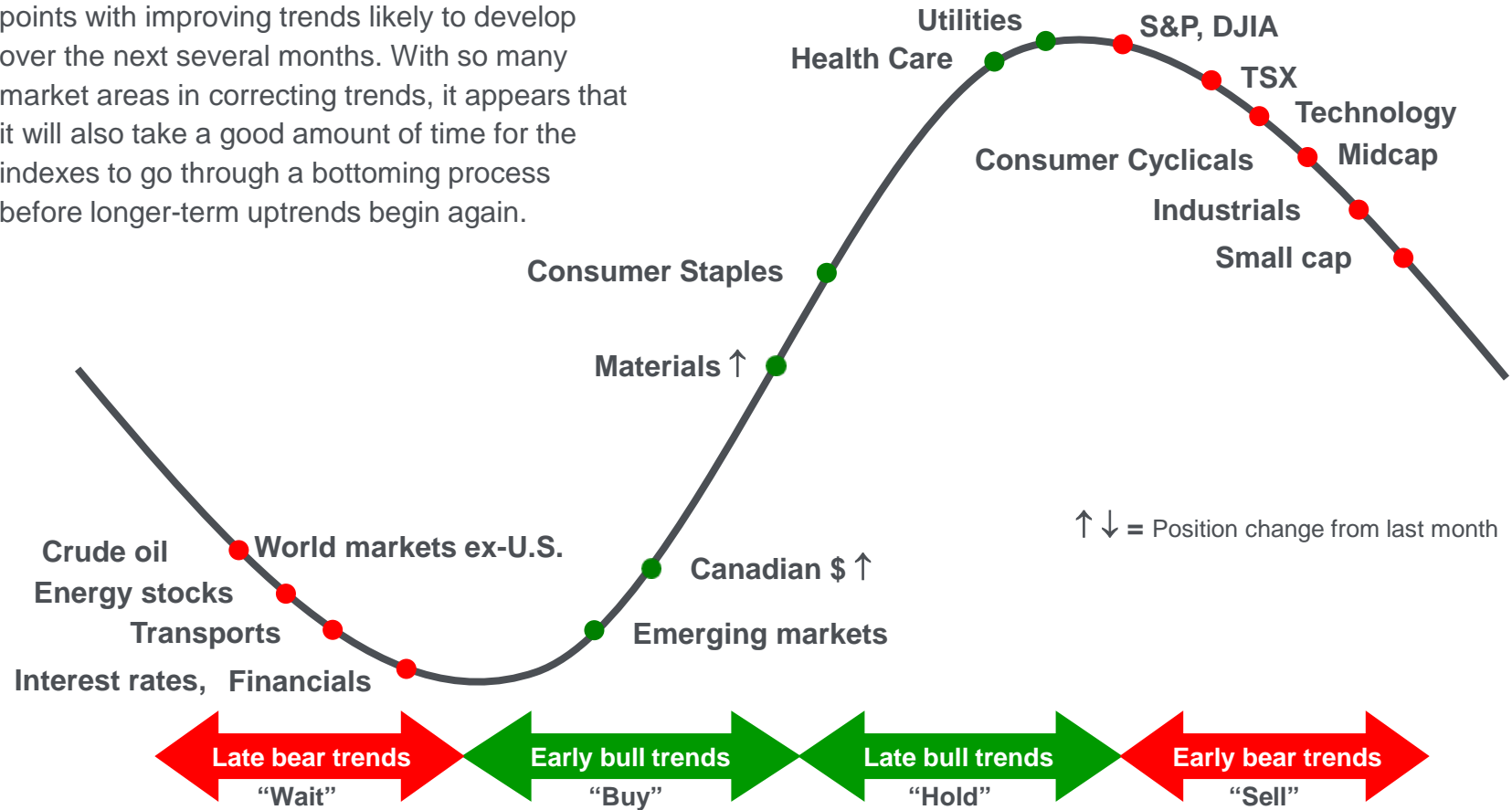


Charts courtesy of StockCharts.com and RBC Wealth Management

S&P sectors & market indexes cycle positions

Relative positioning of major sectors within their individual cycles

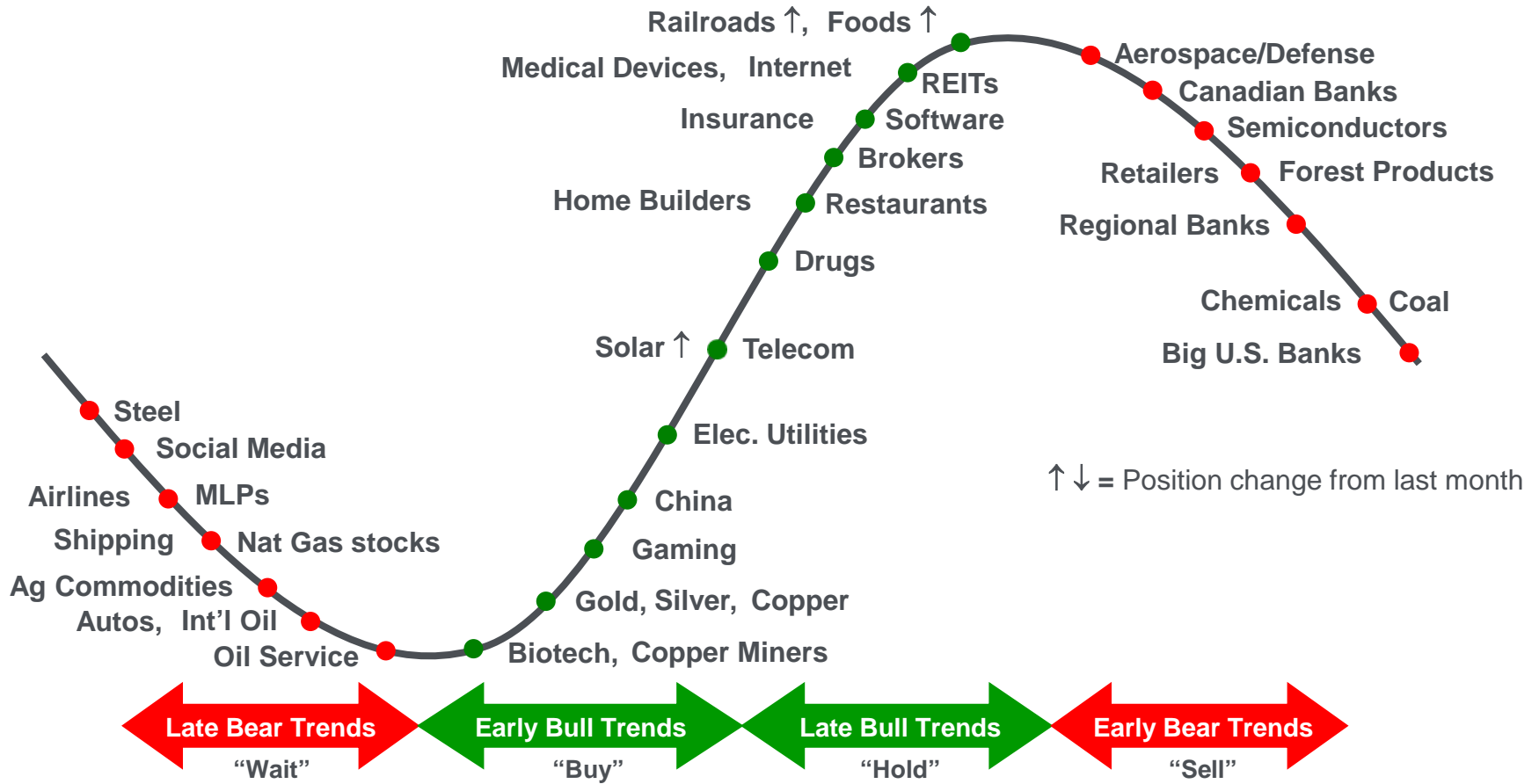
Most market sectors are in correcting trends of some sort, with some nearing potential bottoming points with improving trends likely to develop over the next several months. With so many market areas in correcting trends, it appears that it will also take a good amount of time for the indexes to go through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

28-Jun-2019

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↑↓ \$GOLD (Weekly) 1413.70



Chart courtesy of StockCharts.com and RBC Wealth Management

Oil – Nine years

\$WTIC Light Crude Oil ·
28-Jun-2019

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Stocks vs. commodities – 60 years

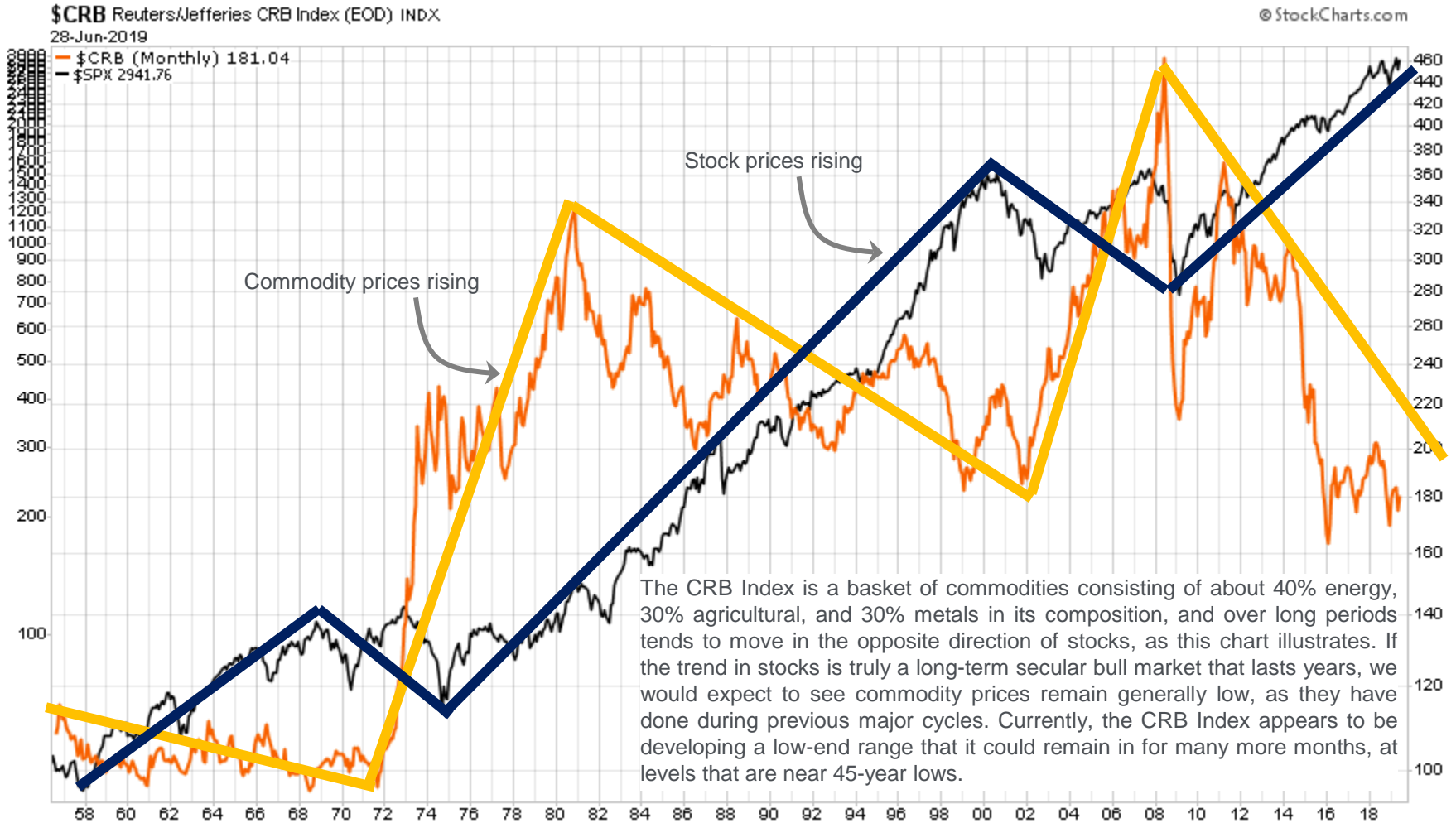


Chart courtesy of StockCharts.com and RBC Wealth Management

10-year Treasury Note Yield for 140 years

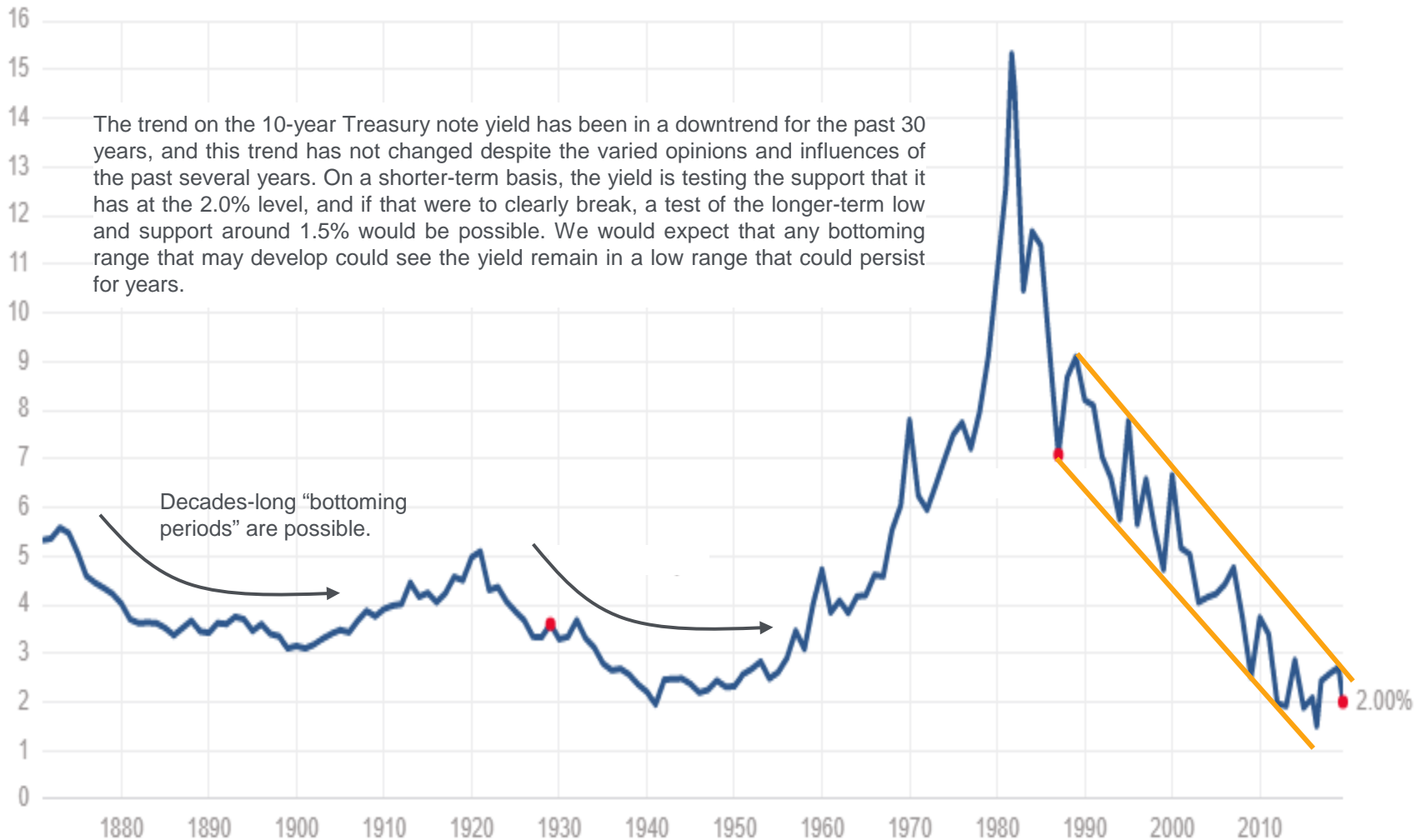


Chart courtesy of MultPL.com and RBC Wealth Management

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