

Trend & Cycle: The Long View – October 2024

Robert Sluymer, CFA | Technical Strategist, Portfolio Advisory Group

October 4, 2024 / RBC Capital Markets, LLC / Portfolio Advisory Group All values in U.S. dollars and priced as of market close on October 3, 2024, unless otherwise noted

For Important Disclosures, see page 22

Investment and insurance products offered through RBC Wealth Management are not insured by the FDIC or any other federal government agency, are not deposits or other obligations of, or guaranteed by, a bank or any bank affiliate, and are subject to investment risks, including possible loss of the principal amount invested.

Produced: October 4, 2024, 12:26 ET; Disseminated: October 4, 2024, 12:45 ET



Trend & Cycle: The Long View – October 2024



Structural/secular trend and cycle

• Our outlook is unchanged: The long-term uptrend for the S&P 500 remains intact with the underlying 16- to 18-year generational cycle supportive of further upside into the mid-2030s and potentially toward S&P 13,000-14,000. Although those levels have been criticized as excessively optimistic, they equate to an annual growth rate close to historical returns in the 7-8% range including dividends.

4-year cycle - Where are we now?

- We view the current bull cycle to have bottomed in Q4 2022 when the S&P and Nasdaq bottomed at their rising 4-year/200-week
 moving averages while other cyclical indices such as mid- and small-caps, along with the TSX, Europe and emerging markets,
 completed secondary cycle lows in Q4 2023. Lastly, China and Hong Kong's stock markets are establishing their final cycle lows
 moving into Q4 as an indication that the last of the major global economies is beginning to bottom.
- Momentum indicators tracking these 3-4 year cycles have moved toward overbought levels but we caution investors from becoming prematurely bearish given the price trend for the S&P 500 and its relative performance versus bonds remains positive with participation expanding across more industry groups. Until there is evidence that these three primary trends of the market are deteriorating, we recommend remaining invested in equities and ignoring misleading headlines.

What we view to be technically noteworthy moving through Q4 into Q1

Investors are now focusing on the quality of quarterly earnings reports that begin in the coming weeks along with the uncertainty of the
pending US election. Both events are likely to create volatility into mid-Q4 but we do not expect either to materially erode the underlying
positive trends in equity markets. To turn more cautious we would need to see equity markets begin to break below their late July/early
August lows to suggest the current 2022-2024 uptrends are deteriorating. The more important shift we expect within equities is a
rotation back toward economy sensitive cyclical sectors as defensive and interest rate sensitive sectors pause and pull back,
which we discuss in the equity leadership section below.

Trend & Cycle: The Long View – October 2024



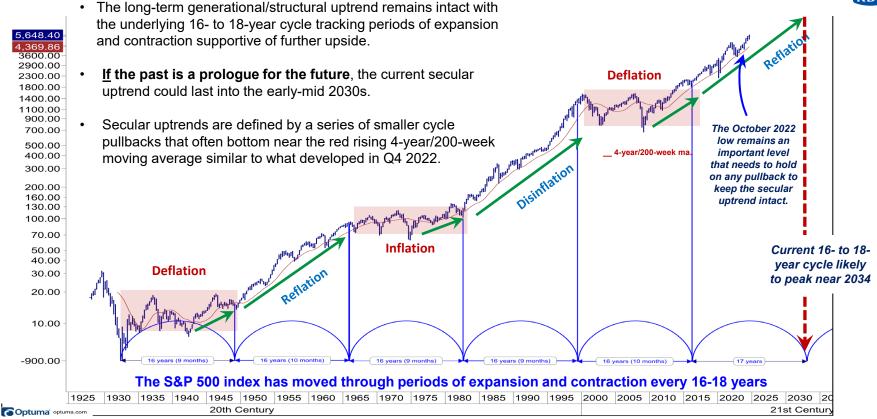
- Interest rates The US 10-year yield established a cycle peak at an important technical level of 5% in Q4 2023 and remains in a downtrend with a lower high in April 2024 at 4.7% and lower low this past September at 3.6%. While we have viewed the broader trend to be lower for rates, an oversold tactical rebound is likely developing given weekly indicators, tracking 2-4+ month swings, are oversold and bottoming which is leading to further sector rotation within equity markets as discussed below.
- Currencies The US dollar DXY index remains in a broad trading range between 100-107 with an oversold rebound developing from the lower end of the range in line with what is developing for the US 10-year yield. Our expectation is for bounces to be relatively short-lived and not the beginning of a major trend to the upside. Conversely, the Canadian dollar remains in a broad bottoming pattern above major support at 0.715 coinciding with early evidence that it is reversing its 2021-2024 downtrend.
- Commodities WTI Oil also remains in a sideways trading range above support in the low-mid 60s with resistance starting in the low 80s up to the low 90s. Similar to rates and the US dollar, an oversold rebound is underway with potential to strengthen well into Q4. Gold's long-term trend remains bullish following its Q1 2024 breakout above 1900-2100 resistance. While a pullback would not be surprising given a potential bounce in the US dollar, we expect pullbacks to be shallow with further upside toward next resistance near 2800 moving through Q4. Copper has rebounded from important support near 400 with a similar upside turn in place for China-related markets. Although a pullback is likely following the recent surge, we expect it will be short-lived with further upside into Q1.

Equity leadership

- **Growth/media/technology** Despite the late summer volatility, uptrends remain intact for most growth stocks with a break below the August and April lows needed to signal the 2022-2024 uptrends are reversing. Our expectation is for further upside into year-end/Q1.
- **Cyclicals** After correcting through most of Q2 and Q3, financials, industrials, materials, select discretionary stocks, and more recently energy, are either resolving 2024 trading ranges to the upside or starting to bottom, with further upside expected into Q1.
- Safety sectors rallied strongly through Q2 into late Q3 as interest rates began to peak. These sectors' longer-term price trends remain positive but most have moved into intermediate-term overbought levels and are stalling. We don't view the overall price trends for REITs, utilities, staples or healthcare to be bearish but we do expect these Q2-Q3 leaders to pause and pull back through Q4 as more cyclical groups emerge.

S&P 500 – Generational trends and cycles lasting roughly 16-18 years

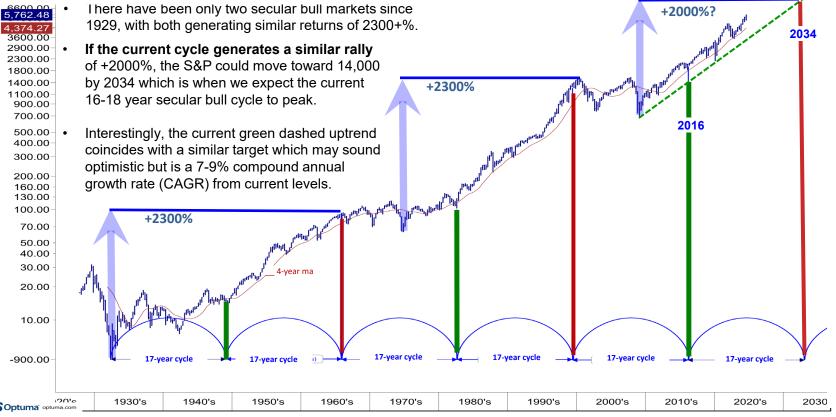




Could the S&P rally to 14,000?

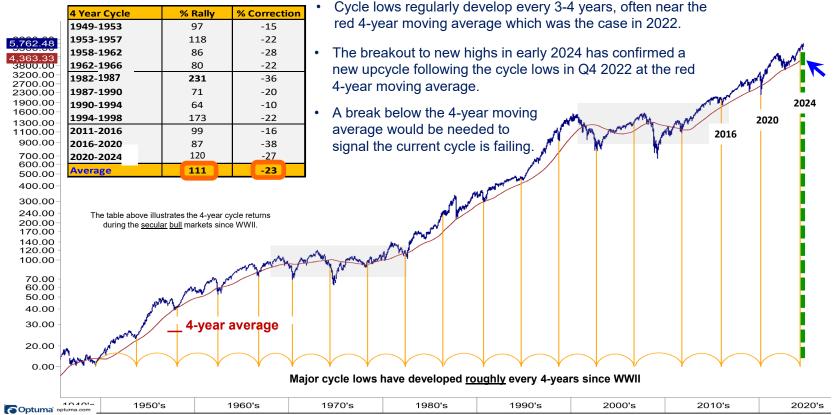






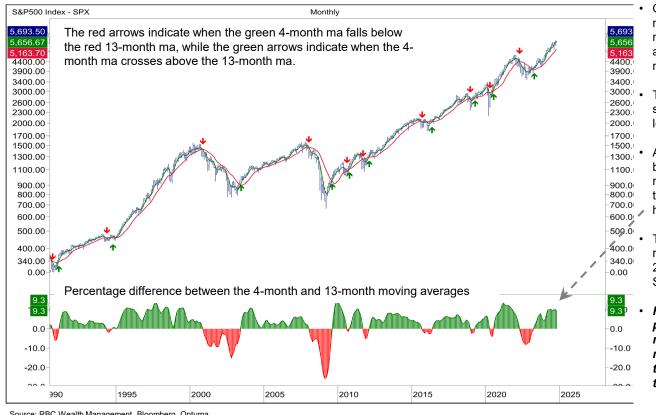
S&P 500 – A repetitive 3-4 year cycle driven by central bank **liquidity** and economic **growth**





S&P 500 Index

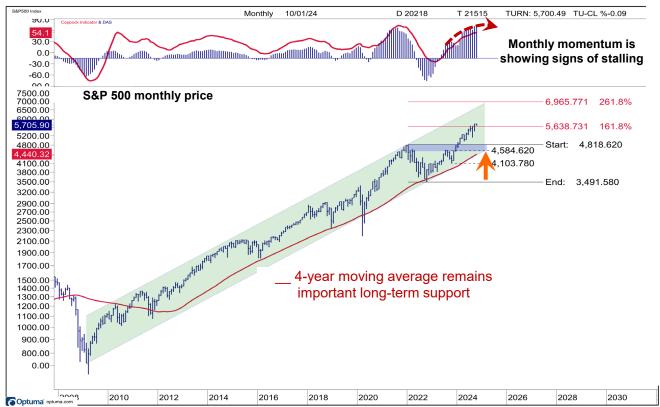




- One technical tool to monitor the trend of a market is to compare its shorter-term trend. measured by the green 4-month moving average (ma), to its longer-term trend, measured by the red 13-month ma.
- The current trend remains positive with the shorter-term green ma crossing above the longer-term red ma in March 2023.
- Another way to track the relationship between these two moving averages is to measure the percentage difference between the two and plot the difference as a histogram, as illustrated in the bottom panel.
- This indicator bottomed in Q4 2022 and has remained above its zero axis since March 2023 confirming the current uptrend for the S&P 500.
- However, with the data in the bottom panel now advanced, we are increasingly monitoring it for signs that this momentum indicator is decelerating and turning negative as an early warning sign the market cycle is beginning to peak.

S&P 500 – Monthly momentum is advanced but has yet to turn negative!





- Cycle momentum remains positive after bottoming in Q4 2022. Despite being advanced, monthly momentum has yet to turn down.
- Resistance: The S&P has paused at a key technical level at its 162%
 Fibonacci extension of the 2022-2023 trading range at 5638 with the next key upside level at 6965.
- **Support:** 4818-4584 then 4103.

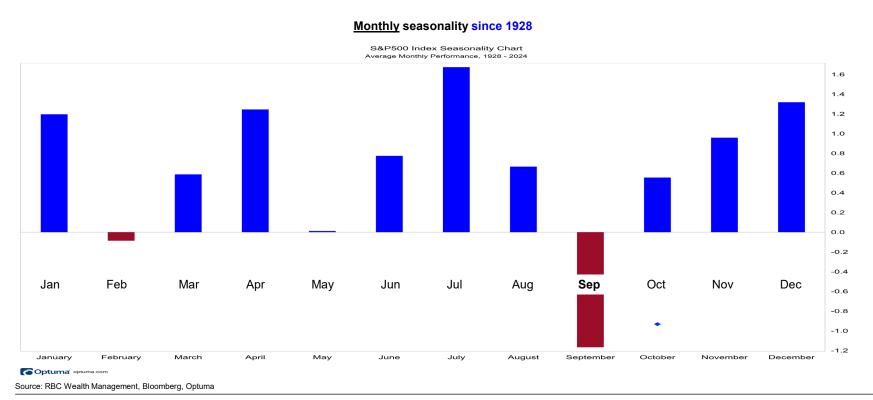
What would change our positive view?

 A decline below the blue support band between 4818 and the Q3 2023 highs near 4584 would signal the S&P's uptrend is deteriorating, with a break below the rising red 4-year ma, currently near 4339, needed to signal the longer-term trend is reversing.

S&P 500 – Monthly seasonality

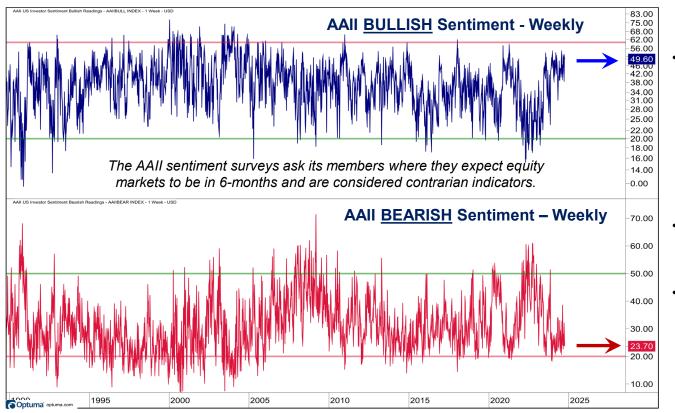


• Monthly seasonality data varies widely depending on the start date but the Q4 is historically positive for equity markets.



AAII US Bullish and Bearish Sentiment Survey – Contrary indicators





Bullish sentiment (top panel) is moderately elevated while...

- ...bearish sentiment has fallen again.
- While these contrary indicators are not signaling excessive optimism, they are also not at levels that normally signal a new multi-month rally.

MSCI EAFE – Monthly with relative performance vs the S&P 500





EAFE (Europe, Asia and Far East)

- The EAFE index is emerging from a trading range that has been in place since 2008 with next major resistance near 2909 at the 162% Fibonacci extension.
- While volatility is likely in Q4, our expectation is that pullbacks are relatively shallow with key support at 2179-2416.
- Overall, we view EAFE likely to move higher into 1H 2025 but would need to see it reverse its 2008-2024 relative performance downtrend (bottom panel) to support overweighting EAFE vs the S&P 500.

MSCI EUROPE – Monthly with relative performance vs S&P 500





 MSCI Europe's long-term price trend remains positive with the summer pullback holding key support near 158-164 with potential for further upside into 2025.

 Relative performance vs the S&P 500, however, remains weak with no meaningful evidence it is reversing its downtrend to support overweighting Europe.

Hong Kong – Hang Seng Index – Monthly





- The HSI established a secondary low early in 2024 followed by a high low in August and higher high over the past two weeks completing a major cycle low.
- Tactically, a near-term pause is likely given the HSI is now back to resistance near 21-22K coinciding with its declining 4year moving average and 38% retracement.
- Next resistance is near 24K followed by 26.2K near the 50 and 62% retracement levels.
- Relative performance vs the S&P 500 has improved but has yet to reverse its 2020-2024 downtrend.

S&P/TSX Composite – Monthly





- The long-term blue dashed uptrend remains positive for the TSX as it probes new highs.
- Next resistance is at 24,884 with support between 20,843-22,217.

 Relative performance versus the S&P 500 remains weak and would need to push above the 2020-2022 highs to signal a longer-term positive change in the relative trend.

US 10-year yield: Cycle peak likely in place under at a critical level of 5%





US Dollar DXY Index – Monthly





- established a major cycle peak in Q3 2022 and is currently retesting the lower end of its 100-107 range with a break below 100 needed to confirm a new downtrend is in place.
- RISK: A move above 107
 would be needed to signal the
 risk of an upside acceleration
 that would likely pressure equity
 markets. Next resistance at
 114-115.

Canadian dollar/US dollar – Monthly





- The CADUSD remains in a broad trading range above key support at 0.715 challenging a key resistance level near 0.74 coinciding with its 2021-2024 downtrend.
- While a short-term pause near current levels appears likely given the recent rebound, a move back above 0.74 would suggest further upside to next resistance near 0.76-0.77 coinciding with the 2023 trading range highs.

WTI Oil Future – Monthly





- WTI Oil remains trapped in a sideways range under a 93-95 resistance band and above a support band in the low-mid 60s.
- Bottom line: We expect WTI to remain in a broad trading range well into Q4 above the mid 60slow 70s with heavy resistance in the upper 80s-low 90s.
- Note: For reference, we are using 10 to be the low end of WTI's long-term trading range for the Fibonacci retracements rather than the temporary spike into negative territory at -40.

Gold – Monthly – Longer-term profile remains positive





- Gold completed a major technical breakout above its 2011-2024 trading range in Q1 2024 and remains in a bullish uptrend.
- After a brief pause around its 162% Fibonacci extension, gold is resolving its recent consolidation to the upside with 2817 the next likely pause point coinciding with the 262% extension.

Major markets and S&P sector cycles

Noteworthy:

- Uptrends remain intact for the S&P and Nasdag with most other global markets beginning to resolve choppy 2024 trading ranges to the upside.
- The rebound in China/Honk Kong is the last of the global markets to complete major cycle lows with pullbacks expected to be short-lived. + DJIA





Not all markets cycle through each quadrant evenly. Some have short, volatile bull and bear markets; others are much longer in duration.

Historically, the US equity market has moved through bull-bear phases roughly every 3-4 years.

"+" and "-" signs indicate change from the prior month.

Established to Late **Downtrends**

Bottoming and Early Uptrends Established to Late **Uptrends**

Stalling and Early **Downtrends**

Source: RBC Wealth Management, Bloomberg, Optuma

+ Industrials

+ Materials

+ Financials

Industry group cycles



- Longer-term uptrend remains intact for growth/technology, with a break below the August lows needed to signal a reversal. We expect further upside into year-end.
- Cyclicals are improving broadly with the recent rebound in China and Hong Kong supportive of further rotation toward more economy sensitive groups.
- more economy sensitive groups. + Capital Goo
 Defensive/safety sectors remain in uptrends but are stalling + Insurance

+ Semiconductors
+ Software
+ Tech Hardware
+ Capital Goods + Telecom Media

+ Diversified Financials

tactically after strong Q2-Q3 rebounds.

- Banks

+ Materials` + Utilities

+ Biotech + Consumer Svcs
+ Retail + Transports

+ Commercial Svcs + HC Equipment + Golds = REITs + Consumer Durables

+ Telcos + Payment/Processors
- Pharma - Food & Tobacco

+ Energy + Autos

This page illustrates where the major markets and sectors are within their individual cycles. Data as of October 3, 2024.

Not all markets cycle through each quadrant evenly. Some have short, volatile bull and bear markets; others are much longer in duration.

Historically, the US equity market has moved through bull-bear phases roughly every 3-4 years.

"+" and "-" signs indicate change from the prior month.

Established to Late Downtrends Bottoming and Early Uptrends

Established to Late Uptrends

Stalling and Early Downtrends

Disclosures



This comment is prepared by the Technical Research team at RBC Wealth Management. All views expressed are the opinions of Technical Research based solely on the historical technical behavior (price and volume) and their expectations of the most likely direction of a market or security. Technical Research opinions and recommendations may differ from the opinions, recommendations and / or ratings of RBC Capital Markets' fundamental equity and other research products. Fundamental equity research is available from your RBC Capital Markets salesperson. Opinions and recommendations in Technical Research could result in short-term price movements that are contrary to the recommendations and/or ratings in fundamental equity research.

Analyst Certification

All of the views expressed in this report accurately reflect the personal views of the responsible analyst(s) about any and all of the subject securities or issuers. No part of the compensation of the responsible analyst(s) named herein is, or will be, directly or indirectly, related to the specific recommendations or views expressed by the responsible analyst(s) in this report.

Important Disclosures

In the U.S., RBC Wealth Management operates as a division of RBC Capital Markets, LLC. In Canada, RBC Wealth Management includes, without limitation, RBC Dominion Securities Inc., which is a foreign affiliate of RBC Capital Markets, LLC. This report has been prepared by RBC Capital Markets, LLC which is an indirect wholly-owned subsidiary of the Royal Bank of Canada and, as such, is a related issuer of Royal Bank of Canada.

In the event that this is a compendium report (covers six or more companies), RBC Wealth Management may choose to provide important disclosure information by reference. To access current disclosures, clients should refer to

https://www.rbccm.com/GLDisclosure/PublicWeb/DisclosureLookup.aspx?EntityID=2 to view disclosures regarding RBC Wealth Management and its affiliated firms. Such information is also available upon request to RBC Wealth Management Publishing, 250 Nicollet Mall, Suite 1800, Minneapolis, MN 55401-1931.

References to a Recommended List in the recommendation history chart may include one or more recommended lists or model portfolios maintained by RBC Wealth Management or one of its affiliates. RBC Wealth Management recommended lists include the Guided Portfolio: Prime Income (RL 6), the Guided Portfolio: Dividend Growth (RL 8), the Guided Portfolio: ADR (RL 10), and the Guided Portfolio: All Cap Growth (RL 12). The abbreviation 'RL On' means the date a security was placed on a Recommended List. The abbreviation 'RL Off' means the date a security was removed from a Recommended List. As of April 3, 2023, U.S. RBC Wealth Management's quarterly reports will serve as the primary communication for its models and will highlight any changes to the model made during the quarter.

RBC Capital Markets Distribution of Ratings

For the purpose of ratings distributions, regulatory rules require member firms to assign ratings to one of three rating categories - Buy, Hold/Neutral, or Sell - regardless of a firm's own rating categories. Although RBC Capital Markets' ratings of Outperform (O), Sector Perform (SP), and Underperform (U) most closely correspond to Buy, Hold/Neutral and Sell, respectively, the meanings are not the same because RBC Capital Markets ratings are determined on a relative basis.

Disclosures



As of September 30, 2024				
		,	Investment Banking Services	
			Provided During Past 12 Months	
Rating	Count	Percent	Count	Percent
Buy [Outperform]	858	57.39	290	33.80
Hold [Sector Perform]	599	40.07	153	25.54
Sell [Underperform]	38	2.54	3	7.89

Explanation of RBC Capital Markets Equity Rating System

An analyst's "sector" is the universe of companies for which the analyst provides research coverage. Accordingly, the rating assigned to a particular stock represents solely the analyst's view of how that stock will perform over the next 12 months relative to the analyst's sector average.

Ratings

Outperform (O): Expected to materially outperform sector average over 12 months. Sector Perform (SP): Returns expected to be in line with sector average over 12 months. Underperform (U): Returns expected to be materially below sector average over 12 months. Restricted (R): RBC policy precludes certain types of communications, including an investment recommendation, when RBC is acting as an advisor in certain merger or other strategic transactions and in certain other circumstances. Not Rated (NR): The rating, price targets and estimates have been removed due to applicable legal, regulatory or policy constraints which may include when RBC Capital Markets is acting in an advisory capacity involving the company.

Risk Rating

The **Speculative** risk rating reflects a security's lower level of financial or operating predictability, illiquid share trading volumes, high balance sheet leverage, or limited operating history that result in a higher expectation of financial and/or stock price volatility.

Valuation and Risks to Rating and Price Target

When RBC Capital Markets assigns a value to a company in a research report, FINRA Rules and NYSE Rules (as incorporated into the FINRA Rulebook) require that the basis for the valuation and the impediments to obtaining that valuation be described. Where applicable, this information is included in the text of our research in the sections entitled "Valuation" and "Risks to rating and price target", respectively.

The analyst(s) responsible for preparing this research report have received (or will receive) compensation that is based upon various factors, including total revenues of RBC Capital Markets and its affiliates, a portion of which are or have been generated by investment banking activities of RBC Capital Markets and its affiliates.

Disclosures

Other Disclosures



Prepared with the assistance of our national research sources. RBC Wealth Management prepared this report and takes sole responsibility for its content and distribution. The content may have been based, at least in part, on material provided by our third-party correspondent research services. Our third-party correspondent has given RBC Wealth Management general permission to use its research reports as source materials, but has not reviewed or approved this report, nor has it been informed of its publication. Our third-party correspondent may from time to time have long or short positions in, effect transactions in, and make markets in securities referred to herein. Our third-party correspondent may from time to time perform investment banking or other services for, or solicit investment banking or other business from, any company mentioned in this report.

RBC Wealth Management endeavors to make all reasonable efforts to provide research simultaneously to all eligible clients, having regard to local time zones in overseas jurisdictions. In certain investment advisory accounts, RBC Wealth Management or a designated third party will act as overlay manager for our clients and will initiate transactions in the securities referenced herein for those accounts upon receipt of this report. These transactions may occur before or after your receipt of this report and may have a short-term impact on the market price of the securities in which transactions occur. RBC Wealth Management research is posted to our proprietary Web sites to ensure eligible clients receive coverage initiations and changes in rating, targets, and opinions in a timely manner. Additional distribution may be done by sales personnel via e-mail, fax, or regular mail. Clients may also receive our research via third-party vendors. Please contact your RBC Wealth Management Financial Advisor for more information regarding RBC Wealth Management research.

Conflicts Disclosure: RBC Wealth Management is registered with the Securities and Exchange Commission as a broker/dealer and an investment adviser, offering both brokerage and investment advisory services. RBC Wealth Management's Policy for Managing Conflicts of Interest in Relation to Investment Research is available from us on our website at https://www.rbccm.com/GLDisclosure/PublicWeb/DisclosureLookup.aspx?EntityID=2. Conflicts of interests related to our investment advisory business can be found in Part 2A Appendix 1 of the Firm's Form ADV or the RBC Advisory Programs Disclosure Document. Copies of any of these documents are available upon request through your Financial Advisor. We reserve the right to amend or supplement this policy, Part 2A Appendix 1 of the Form ADV, or the RBC Advisory Programs Disclosure Document at any time.

The author is employed by RBC Wealth Management, a division of RBC Capital Markets, LLC, a securities broker-dealer with principal offices located in Minnesota and New York, USA.

Third-party Disclaimers

The Global Industry Classification Standard ("GICS") was developed by and is the exclusive property and a service mark of MSCI Inc. ("MSCI") and Standard & Poor's Financial Services LLC ("S&P") and is licensed for use by RBC. Neither MSCI, S&P, nor any other party involved in making or compiling the GICS or any GICS classifications makes any express or implied warranties or representations with respect to such standard or classification (or the results to be obtained by the use thereof), and all such parties hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability and fitness for a particular purpose with respect to any of such standard or classification. Without limiting any of the foregoing, in no event shall MSCI, S&P, any of their affiliates or any third party involved in making or compiling the GICS or any GICS classifications have any liability for any direct, indirect, special, punitive, consequential or any other damages (including lost profits) even if notified of the possibility of such damages.

Disclaimer



Disclaimer

The information contained in this report has been compiled by RBC Wealth Management, a division of RBC Capital Markets, LLC, from sources believed to be reliable, but no representation or warranty, express or implied, is made by Royal Bank of Canada, RBC Wealth Management, its affiliates or any other person as to its accuracy, completeness or correctness. All opinions and estimates contained in this report constitute RBC Wealth Management's judgment as of the date of this report, are subject to change without notice and are provided in good faith but without legal responsibility. Past performance is not a guide to future performance, future returns are not guaranteed, and a loss of original capital may occur. Every province in Canada, state in the U.S., and most countries throughout the world have their own laws regulating the types of securities and other investment products which may be offered to their residents, as well as the process for doing so. As a result, the securities discussed in this report may not be eligible for sale in some jurisdictions. This report is not, and under no circumstances should be construed as, a solicitation to act as securities broker or dealer in any jurisdiction by any person or company that is not legally permitted to carry on the business of a securities broker or dealer in that jurisdiction. Nothing in this report constitutes legal, accounting or tax advice or individually tailored investment advice. This material is prepared for general circulation to clients, including clients who are affiliates of RBC Wealth Management, and does not have regard to the particular circumstances or needs of any specific person who may read it. The investments or services contained in this report may not be suitable for you and it is recommended that you consult an independent investment advisor if you are in doubt about the suitability of such investments or services. To the full extent permitted by law neither RBC Wealth Management nor any of its affiliates, nor any other person, accepts any liability whatsoever for any direct, indirect or consequential loss arising from, or in connection with, any use of this report or the information contained herein. No matter contained in this document may be reproduced or copied by any means without the prior written consent of RBC Wealth Management in each instance. In the U.S., RBC Wealth Management operates as a division of RBC Capital Markets, LLC. In Canada, RBC Wealth Management includes, without limitation, RBC Dominion Securities Inc., which is a foreign affiliate of RBC Capital Markets, LLC. This report has been prepared by RBC Capital Markets, LLC. Additional information available upon request.

To U.S. Residents: This publication has been approved by RBC Capital Markets, LLC, Member NYSE/FINRA/SIPC, which is a U.S. registered broker-dealer and which accepts responsibility for this report and its dissemination in the United States. RBC Capital Markets, LLC, is an indirect wholly-owned subsidiary of the Royal Bank of Canada and, as such, is a related issuer of Royal Bank of Canada. Any U.S. recipient of this report that is not a registered broker-dealer or a bank acting in a broker or dealer capacity and that wishes further information regarding, or to effect any transaction in, any of the securities discussed in this report, should contact and place orders with RBC Capital Markets, LLC. International investing involves risks not typically associated with U.S. investing, including currency fluctuation, foreign taxation, political instability and different accounting standards.

To Canadian Residents: This publication has been approved by RBC Dominion Securities Inc. RBC Dominion Securities Inc.* and Royal Bank of Canada are separate corporate entities which are affiliated. *Member-Canadian Investor Protection Fund. ®Registered trademark of Royal Bank of Canada. Used under license. RBC Wealth Management is a registered trademark of Royal Bank of Canada. Used under license.

RBC Wealth Management (British Isles): This publication is distributed by RBC Europe Limited and Royal Bank of Canada (Channel Islands) Limited. RBC Europe Limited is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority (FCA registration number: 124543). Registered office: 100 Bishopsgate, London, EC2N 4AA, UK. Royal Bank of Canada (Channel Islands) Limited is regulated by the Jersey Financial Services Commission in the conduct of investment business in Jersey. Registered office: Gaspé House, 66-72 Esplanade, St Helier, Jersey JE2 3QT, Channel Islands.

Disclaimer



Disclaimer

To persons receiving this from Royal Bank of Canada, Hong Kong Branch: This document is distributed in Hong Kong by Royal Bank of Canada, Hong Kong Branch which is regulated by the Hong Kong Monetary Authority and the SFC. This document is not for distribution in Hong Kong, to investors who are not "professional investors", as defined in the Securities and Futures Ordinance (Cap. 571 of Hong Kong) and any rules made under that Ordinance. This document has been prepared for general circulation and does not take into account the objectives, financial situation, or needs of any recipient. Past performance is not indicative of future performance. WARNING: The contents of this document have not been reviewed by any regulatory authority in Hong Kong. Investors are advised to exercise caution in relation to the investment. If you are in doubt about any of the contents of this document, you should obtain independent professional advice.

To persons receiving this from Royal Bank of Canada, Singapore Branch: This publication is distributed in Singapore by the Royal Bank of Canada, Singapore Branch, a registered entity licensed by the Monetary Authority of Singapore. This publication is not for distribution in Singapore, to investors who are not "accredited investors" and "institutional investors", as defined in the Securities and Futures Act 2001 of Singapore. This publication has been prepared for general circulation and does not take into account the objectives, financial situation, or needs of any recipient. You are advised to seek independent advice from a financial adviser before purchasing any product. If you do not obtain independent advice, you should consider whether the product is suitable for you. Past performance is not indicative of future performance. If you have any questions related to this publication, please contact the Royal Bank of Canada, Singapore Branch.

© 2024 RBC Capital Markets, LLC - Member NYSE/FINRA/SIPC. All rights reserved.