Technical Strategy

Trend & Cycle Roadmap

Robert Sluymer, CFA Technical Strategist, Portfolio Advisory Group

April 17, 2024



Intermediate-term equity pullback continues while rates are becoming overbought short-term.

We have repeatedly featured the weekly chart of the S&P 500 with momentum indicators as a useful way to track the 1-2 quarter tactical swings that markets transition through most years. As a reminder, the momentum indicators in the top and bottom panels moved from oversold levels in Q4 2023 to overbought levels heading into mid Q1 2024.

While the Q4-Q1 uptrend for the S&P index remained intact into late Q1, the weekly momentum indicators began to peak in mid Q1 signalling the trend was decelerating and at risk of peaking moving into Q2. Now with the S&P beginning to pull back from its Q1 highs, weekly momentum indicators continue to weaken which suggests to us that Q2 is likely to remain volatile. While the indicator in the top panel is tracking the S&P 500 index itself, we find the index in the bottom panel to be useful as it is measuring the intermediate-term trend of every stock within the S&P 500.

Our outlook remains unchanged viewing the current intermediate-term pullback as a healthy pause after a strong rebound with potential to remain choppy into late Q2. Our expectation is that the indicator in the bottom panel is likely to move back into oversold territory by mid-late Q2 which should present better entry points for investors looking to add equity exposure. See short-term levels next page.



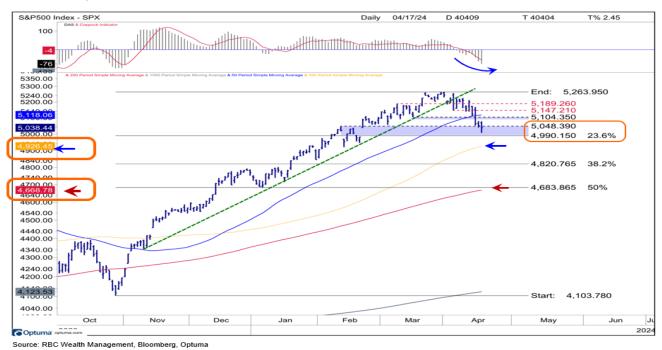
RBC Capital Markets, LLC / Portfolio Advisory Group All values in U.S. dollars and priced as of April 17, 2024 at 2pm ET unless otherwise noted.

For Important Disclosures, see page 4.

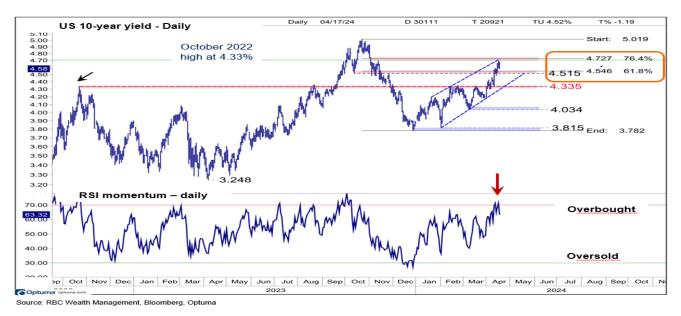
Investment and insurance products offered through RBC Wealth Management are not insured by the FDIC or any other federal government agency, are not deposits or other obligations of, or guaranteed by, a bank or any bank affiliate, and are subject to investment risks, including possible loss of the principal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

Produced: April 17, 2024 16:41ET; Disseminated: April 17, 2024 16:51ET

S&P 500 becoming oversold short-term – The S&P has now broken its Q4-Q1 uptrend as well as the widely followed blue 50-day moving average confirming a correction is underway. As noted on page 1, we continue to expect Q2 to remain choppy with an oversold short-term trading bounce likely within the coming week. Why? Short-term momentum, in the top panel, is oversold with the S&P index now testing its next support band near 5000. Should the S&P break below 4990 next support is at the yellow 100-day ma at 4926.



US 10-year yield – Short-term peak pending? – Equities have continued to weaken as the US 10-year has pushed above important levels starting at 4.33% followed by 4.5% with 4.7% the next key threshold. Given short-term momentum in the bottom panel is overbought and likely peaking, our expectation is for the 10-year yield to begin to pause and pull back which should support a short-term bounce by the S&P 500.





Semis and energy revisited

A progression of rebounds developed in Q4 moving into Q1 with technology/growth stocks, notably semiconductors, leading the charge.

In March, we highlighed that the **SOX semiconductor index** had surged to its next resistance level near 4786 and that a pause/pullback was likely. We continue to expect semiconductors, along with the broader market, to continue churning sideways in a choppy trading range well into Q2 as part of a normal consolidation following the surge in Q4-Q1.

In contrast, **energy** was a noteworthy laggard moving into early Q1, which we featured as bottoming profile moving through Q1. Now with the energy sector index back to its 2022-2023 highs, a pause/pullback is developing in that sector as well.

What now? While further volatile trading remains likely moving through Q2, we continue to view weakness in both groups as opportunities to add exposure this quarter as part of a bar-bell portfolio strategy that has exposure to one of the leading market groups (semiconductors) and to an emerging group (energy) thus providing a hedge to inflation.

Bottom line: While we appreciate that remaining patient and waiting for pullbacks has been frustrating for many investors moving through the second half of Q1 into Q2, it is proving to be the appropriate tactic.

Our expectation is for the SOX semiconductor index to bottom near 3443-3841 between its 20-week moving average and its 2022-2024 uptrend line. For the S&P 500 energy sector, we expect pullbacks to be limited to the 670-683 range.







Disclosures and disclaimers

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?EntitylD=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.

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 our ratings are determined on a relative basis.

Distribution of ratings – RBC Capital Markets Equity Research

Distribution of Ratings - RBC Capital Markets Equity Research As of March 31, 2024					
			Provided During	Provided During Past 12 Months	
Rating	C ount	Percent	Count	Percent	
Buy [Outperform]	831	56.84	264	31.77	
Hold [Sector Perform]	585	40.01	151	25.81	

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.

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 thirdparty 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

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 Royal Bank of Canada, 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 Royal Bank of Canada 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 Royal Bank of Canada in each instance. Additional information is 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.

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 © 2024 RBC Dominion Securities Inc. – Member Canadian Investor Protection Fund © 2024 RBC Europe Limited © 2024 Royal Bank of Canada All rights reserved

