# Insight



May 2025



#### Also in this issue



GLOBAL EQUITY Either/or...



GLOBAL FIXED INCOME
Seeing through the fog

#### Coming in June:

#### Our 2025 Midyear Outlook

This special edition of Global Insight highlights RBC Wealth Management's unique perspectives on trends that affect investors, with commentary on regional markets from our global team.

Produced: May 5, 2025, 14:44 ET; Disseminated: May 6, 2025, 10:15 ET

For important and required non-U.S. analyst disclosures, see page 14.

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.

## Insight

May 2025

### **Contents**

Monthly focus

#### 4 Imbalancing act

Running up debts to buy foreign goods is unsustainable in the long term. Identifying the problem is simple, but we see no easy or quick escape for the U.S. from the imbalances built up over the last four decades.

Global equity

#### 8 Either/or...

Markets are at a crossroads, faced with potential catalysts that could cause the investor mindset to shift in either direction. For now, our investment policy remains set at "invested but watchful."

Global fixed income

#### 10 Seeing through the fog

Tariff and trade war uncertainties make it difficult to know what is in store for the future. We look through the fog with a focus on rates, central banks, and what might come next for markets and investors.

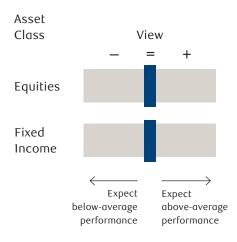
#### In the markets

- **3** RBC's investment stance
- 12 Key forecasts

#### **RBC'S INVESTMENT**

### Stance

#### Global asset class views



(+/=/-) represents the Global Portfolio Advisory Committee's (GPAC) view over a 12-month investment time horizon.

- + Overweight implies the potential for better-than-average performance for the asset class or for the region relative to other asset classes or regions.
- **= Market Weight** implies the potential for average performance for the asset class or for the region relative to other asset classes or regions.
- **Underweight** implies the potential for below-average performance for the asset class or for the region relative to other asset classes or regions.

Source - RBC Wealth Management

#### **Equities**

- Equity markets worldwide continue to grapple with ultrahigh levels of U.S. tariff policy uncertainty and related economic and corporate profit headwinds. The Trump administration has signaled that broad frameworks of trade agreements with some countries could be forthcoming soon. Regardless, we think equity markets will remain on edge until there is at least some clarity about tariff policy with America's largest trading partners—the EU, China, Canada, and Mexico, which collectively represent 60% of U.S. imports.
- At this stage, the U.S. economic environment is looking mildly "stagflationary" instead of outright recessionary. RBC Economics forecasts 2025 U.S. GDP growth could end up at just 1%, well short of the 2.7% average of the past three years and a level that we would characterize as "stall speed." It expects core consumer inflation (excluding food and energy) to jump to 4.3% by Q3 from 2.8% in March. We doubt this is fully priced into consensus earnings estimates.
- We think the ultrahigh levels of uncertainty argue for holding equities in portfolios up to but not beyond a Market Weight level.

#### Fixed income

- Global bond market volatility, which has been a fixture this year, continued into April as uncertainty and shifting global dynamics upend the status quo. Despite the volatility, the direction of travel has generally been toward lower yields as rising economic growth concerns are outweighing renewed inflationary pressures on the back of tariffs and trade wars.
- We remain Overweight U.S. Treasuries paired with an Underweight for global developed market bonds. Slowing growth in the U.S. despite an anticipated uptick in inflation will likely mean a resumption of rate cuts from the Federal Reserve this year, in our view. Inflation remains less of a concern for European Central Bank (ECB) policymakers with the focus on growth, and the ECB is likely to cut twice more this year.
- We reiterate our Market Weight stance on U.S. fixed income with yields remaining above multi-decade averages. Credit valuations are still too rich globally, in our view, amid increasing growth risks, which leads us to continue favoring sovereign bonds over corporate bonds.

## MONTHLY Focus



Atul Bhatia, CFA
Minneapolis, United States
atul.bhatia@rbc.com

## Imbalancing act

Having one country—the U.S.—run up debts acting as the buyer of last resort for foreign country production is not sustainable in the long term. Identifying the problem is easier than fixing it, however, and we see no easy escape for the U.S. from the trade imbalances created over the last four decades. We believe that a quick fix, go-it-alone approach is likely to be a difficult pill for markets and economies to swallow.

#### **Key points**

- Reducing trade imbalances is a worthwhile goal, but we think reciprocal tariffs are inadequate for the task.
- If the Trump administration wants a quick fix, it can look to currency markets, debt restrictions, or more import taxes, but all of these have high costs.
- A unilateral quick fix is unlikely to be a net short-term positive for the U.S. or global economies.

We'd previously been of the idea that tariffs were an effective way for the U.S. to exploit foreign countries' reliance on American consumers. In short, a negotiating lever.

While we think that the Trump administration ultimately has to adopt that approach, we don't believe the so-called reciprocal tariffs announced in the Rose Garden can reasonably be viewed through that lens. The number of countries, the lack of U.S. strategic interests in some very high-tariff countries, and the means of calculating the tax level all indicate to us that the White House's goals were much broader: a profound restructuring of global production and trade to eliminate or significantly reduce the U.S. trade deficit.

The trillion-dollar question is whether that goal still exists. The consensus view—which we think has merit—is that the administration's 90-day pause on most of its single-country tariffs will be extended indefinitely. The benign interpretation is that the administration is likewise shelving its aspirations to transform the world's economic links.

The more troubling prospect, in our view, is that the White House plans to follow through on its public commitments to radically and quickly reduce U.S. trade deficits. If those plans materialize, we think investors should be prepared for additional market and economic volatility. Trying to fix imbalances created over four decades in four years or less is not going to be without collateral damage, in our opinion.

#### Wrong tool for the right job

It's important to be clear at the outset that there is a problem with global trade patterns. Having one country run up debts to be the buyer of last resort for foreign country production is not sustainable in the long term.

#### **IMBALANCING ACT**

No matter how we describe it—an inevitable consequence of the U.S.'s role as reserve currency provider, exploitation by foreign countries, or Adam Smith's invisible hand in action—we believe there is a large and growing risk when debt-funded demand is the prop on which we build the world.

On their face, tariffs could kick-start a realignment. The problem is credibility. To work, tariffs must be in place for years and likely decades. It's simple math. Rebuilding U.S. manufacturing takes factories, and factories take years to build. An investor today needs to know that the tariffs that make U.S. domestic production viable will last long enough to generate a decent return on the investment. That's not a one or two quarter time horizon.

From our vantage point, the import taxes rolled out in April had a foundational flaw to bring manufacturing back. They were implemented through an executive order based on an emergency declaration. Legally, they can be turned off in an instant by the courts, by Congress, or by the president. An investor cannot realistically project the attitude of the judicial, legislative, and executive branches for decades.

The administration's pivot away from reciprocal tariffs was, we believe, a tacit recognition that the tool was inadequate for the task. In our view, which is shared by most published forecasts that we have seen, the administration is now looking to tariffs to provide revenue and as a negotiating lever against foreign countries.

#### Be careful what you wish for

If, however, the Trump team's goal of reducing the trade deficit and boosting domestic manufacturing in a short time frame survives the tariff pivot, we think it's clear that there would be real costs to success:

- Lower efficiency: Trade creates gains by letting economies focus on the areas where they are relatively most efficient—the greatest output for the least input. Interfering with that dynamic is going to be less productive. That's not a deal killer—efficient systems are some of the most fragile and a robust system often has built-in inefficiencies—but it is part of the tradeoff.
- Living less well: The U.S. status quo is a short-term macro positive—
  the country gets to consume more today and promise payment
  tomorrow. Paying off debts means consuming less than we could.
  That's unlikely to be fun or popular.
- **Higher prices:** U.S. labor costs more than overseas labor. If the U.S. is going to start building things here with higher-cost labor, it either needs to be more productive or producers need to charge more. We believe it's bordering on a fairy tale to think the U.S. can achieve the necessary productivity gains to achieve fully balanced trade at current prices, so higher prices are one likely counterpart of "success."

In short, we believe lower trade balances are likely to end up with slower economic and corporate earnings growth, slower potential growth, and higher prices.

#### IMBALANCING ACT

#### Where to next?

If the administration wants to act unilaterally to quickly reduce the U.S. trade deficit, we think it has few options and no good ones.

#### **Currencies**

Weakening the U.S. dollar would help reduce the trade deficit by making U.S. exports cheaper overseas and increasing the dollar cost of foreign goods. This works on the trade deficit for a while, but it comes with some self-defeating baggage.

The issue is inflation. A weak dollar is just another way of saying Americans get less for their money, a pretty effective way of describing inflation. The self-defeating part of currency weakening is that inflation tends to trigger higher interest rates from the U.S. Federal Reserve that—in turn—push up the dollar's value.

Central banks can try some fancy footwork to avoid this outcome, but the track record is weak. In realistic terms, with global cooperation, intervening to weaken the dollar could reduce—but not solve—the U.S. trade deficit, and likely only for a short time. Without cooperation, we doubt that it can produce even that temporary respite.

#### Debt

At the end of the day, when the U.S. buys more stuff than it sells, foreigners are left with excess dollars that they use to buy U.S. assets like Treasury bonds. Economists call the former the current account and the latter the capital account. Although these accounts have to balance, it's not always clear which one drives the bus.

The White House points to currency manipulation by China as a cause of trade imbalances. China might well say that it's the insatiable U.S. appetite to borrow that keeps foreign countries from importing more U.S. cars—a dollar invested in Treasuries is a dollar that can't be spent on U.S. goods. Whatever explanation we choose, there's no denying that there's a link between access to U.S. assets and the ability to run a persistent trade surplus with America.

A roundabout way of reducing trade deficits, therefore, is to make it more expensive for foreign countries to purchase U.S. assets like Treasury bonds. Essentially, don't add costs to the goods being traded, but add costs to the surplus that other countries generate. This may seem like a simple and easy fix that automatically ramps up as countries run bigger trade surpluses, but it's a horrifically bad idea—in our view—in the U.S. context.

To start with, the Trump administration just asked the House of Representatives to add \$5 trillion to the roughly \$28 trillion that the nation currently owes. Throwing up roadblocks to lenders is just silly.

More importantly, deep and liquid debt markets are a huge economic and geopolitical advantage. For decades, the UK punched above its weight class in the European balance of power because the City of London's domination of finance gave the British the ability to raise military funding quickly and cheaply. The U.S. currently enjoys a similar advantage and ceding it would be illogical, in our view.

#### **IMBALANCING ACT**

Finally, weaponizing debt would be crossing a line, potentially opening the door to retaliatory selling by existing creditors. When an economy is built on borrowing, bond brinkmanship is risky for creditors and debtors alike.

#### Tariff redux

Officially, the U.S. has not abandoned tariffs as a means of reducing the trade deficit—quite the contrary, the administration's statements and actions are both consistent with the idea that trade balance remains at the core of its tariff strategy.

A hardline tariff approach can take many forms. Extremely harsh negotiating positions, for instance. Or widespread use of sector tariffs instead of individual country tariffs—even if applied at a 25 percent level, the broader application and greater difficulty of evasion can give sector tariffs a big bite. Finally, the administration could let large chunks of the reciprocal tariffs resume after the current pause expires. Any of these techniques—alone or in combination—would likely lead to more of the "yippy" behavior that led to tariffs being paused in the first place. As a result, we think a tariff relaunch is unlikely but should not be ruled out.

#### End goals, own goals, and shared goals

The consistent theme of these approaches is that they are likely to be both ineffectual and costly.

While we can see the desirability for an administration to leave its mark through quick and impactful action, we believe the economic and market consequences of pulling any of these levers are likely to be dramatic and negative.

Ultimately, we believe the trade balance is not something that can be undone by a single country and certainly not by a single individual. There are profound questions of timing, burden-sharing, and international balance of power. At its best, the administration's tariff-led attempt to confront trade imbalances could spark the type of long-term, multilateral dialogue that's needed to build a domestic and international consensus on trade reform. At its worst, however, a go-it-alone approach is likely to be a difficult pill for markets and economies to swallow.

## GLOBAL **Equity**



Jim Allworth
Vancouver, Canada
jim.allworth@rbc.com

## Either/or...

After its steep seven-week drop in February and March, the S&P 500 spent April regaining some of its composure and about two-thirds of the lost ground. The same was more or less the case for all the developed-economy benchmark indexes. Now, markets look to be at a crossroads, with plausible paths in either direction.

By some measures, the S&P 500 is still in the early days of the current rally. Another few weeks of upside might bring the index closer to the February high-water mark, perhaps even to a new all-time high. More market upside would require a catalyst, in our view. A Ukraine truce would be helpful; so too would be a meaningful drop in core inflation, enough to put a resumption of Fed rate cutting back on the table and with it some further retreat in bond yields.

#### Waiting for a deal

The one catalyst that could convincingly revive investor optimism and put the bulls back in control would be some significant improvement on the trade front: perhaps a deal between the U.S. and a noteworthy trading partner that significantly lowers the tariff burden as well as the scope of goods affected, raising the prospect that similar deals with other trading partners might reasonably be expected to follow. (Commerce Secretary Howard Lutnick has indicated just such a deal has been negotiated, awaiting only ratification by the partner's government.)

#### The air needs clearing

But until frameworks of trade deals are broadly agreed to between the U.S. and its largest trading partners—the EU, China, Canada, and Mexico, which together represent about 60% of imports—skepticism about tariff risks could hang over the market.

#### **Equity views**

Region	Current
Global	=
United States	=
Canada	=
Continental Europe	=
United Kingdom	_
Asia (ex Japan)	=
Japan	=

+ Overweight; = Market Weight; – Underweight Source - RBC Wealth Management

Which brings us to the potential for a negative market outcome. If no convincing "pathway" deal materialises on the trade front within a couple of months, consumers and businesses would be left "on hold," fearing the worst and adjusting spending plans accordingly. It would also leave the Fed where it is today, between a rock and a hard place, leery of cutting rates ahead of an inflation shock it knows will be coming. Continuing uncertainty could leave the U.S. economy edging toward a more profound slowdown—possibly a recession.

RBC Capital Markets, LLC's Head of U.S. Equity Strategy Lori Calvasina argues that the S&P 500, even at its worst point—the April 7 intraday low—was not pricing in a recession (see table). In other words, if a U.S. recession were on the way, so too would be additional downside for the equity market.

But a U.S. recession is far from a foregone conclusion, in our view. Since the Trump administration says it is negotiating dozens of bilateral trade deals, we believe the possibility of one or more consequential ones being struck is rising and shouldn't be discounted. So too is the prospect that the equity market could prove stronger than currently expected.

#### **GLOBAL EQUITY**

#### Breadth votes for more upside

At least one measure of market breadth has recently cast an important vote in favour of more equity market upside ahead. The so-called "advance-decline line" keeps track of the proportion of stocks rising in price versus those declining on a daily basis. All through the latest pullback, the advance-decline line for the S&P 500 has performed better than the index itself, holding its ground to a much greater degree.

The A-D line has just set a new cycle high, but the S&P 500, while well up off its recent low, is still about 9% below its February peak. New highs in breadth have often been accompanied or followed fairly quickly by new highs in the index.

Set against this potential technical strength, there are some worrying signs on the earnings front. In addition to the growing number of CEOs who admit to being confounded by the question of what will be the eventual impact of tariffs on their businesses, we now have analysts backing away as well—less than one-third of S&P 500 earnings estimate revisions have been to the upside.

#### The economy will decide

Getting the economy right means getting the U.S. consumer (about 70% of GDP) right. Despite consumers' expectations for the future recently sagging to a 13-year low, U.S. consumer spending remained positive through Q1, possibly thanks to pretariff car buying. To persuade the consumer to pare back their spending enough to deliver a recession would require a marked deterioration in the employment outlook, which so far is nowhere in evidence but could arrive quickly as tariffs bite in the coming months. Or not.

We are leaving our setting unchanged for now: cautious, watchful, but invested. Our focus remains on resilient businesses with the least to lose should a recession materialise.

#### The four tiers of fear in modern U.S. equity markets

	What a peak-to-trough drawdown looks like historically	Equivalent downside levels to keep in mind today
Tier 1: Garden-variety pullback Occurs several times in a bull market	5%–10% drawdown	Roughly 5,500  The first stopping point in the correction was at 5,504 on March 13, followed by a modest bounce over seven trading days
Tier 2: Growth scare Investors worry intensely about a crisis or recession that fails to materialise	14%–20% drawdown	Roughly 4,900–5,300  The low trade for the index was 4,835 on April 7; it has since recovered about two-thirds of the losses since the Feb. 19 all-time peak
Tier 3: Recession	Median drawdown of 27% Average drawdown of 32%	Roughly 4,200–4,500
Tier 4: Major crisis	Drawdown of roughly 50% or more as a rule of thumb	Roughly 3,100

#### **GLOBAL**

### Fixed income



Thomas Garretson, CFA
New York, United States
tom.garretson@rbc.com

## Seeing through the fog

It's nearly impossible to look back at everything that transpired in April and come away with anything approaching a reasonable scenario for what might come next, but markets and investors must contend with what comes next, regardless.

If there's one thing that is at least reasonably clear to us, it's that inflationary pressures are going to be higher and growth slower—and the bulk of it will likely be felt by the U.S.

Though tariffs have been delayed, once again, it only means that uncertainty will linger longer. Even if the worst case for tariffs appears to be off the table, average tariff rates look set to remain at the highest levels seen in decades.

In April, RBC Capital Markets raised its 2025 CPI forecast to 3.2% y/y while lowering real economic growth (adjusted for inflation) to just 1.0%. As the chart shows, in its modeling inflation is only seen accelerating materially in the U.S., though growth in all regions is expected to be slower than previously estimated.

Fixed income views

Region	Gov't bonds	Corp. credit	Duration
United States	+	_	3-7
Canada	+	=	3-7
Continental Europe	+	_	3-7
United Kingdom	+	-	3-7

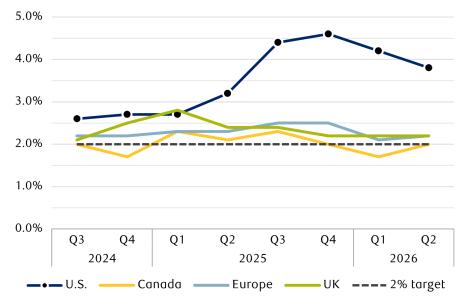
+ Overweight; = Market Weight; – Underweight Source - RBC Wealth Management

An environment of higher inflation and slower growth is not an ideal one for bond investors—and certainly less so for central bankers—so what now?

In the U.S., at the end of the day we still expect slower growth concerns will outweigh higher inflation fears in the eyes of the markets. The benchmark 10-year Treasury bond traded as high as 4.60% in April, a level which—along with other market-stress points—caused the administration to delay tariffs, in our view. As markets stabilized in late April, we are already seeing signs

The U.S. may be alone in navigating another inflationary wave

**RBC Capital Markets inflation forecasts** 



Source - RBC Wealth Management, RBC Capital Markets forecasts for Q2 2025 and later as of April 2025; based on headline consumer price indexes

#### **GLOBAL FIXED INCOME**

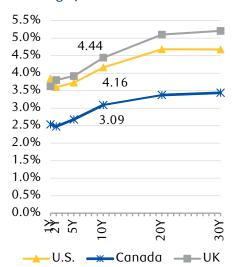
that growth concerns are returning to the driver's seat with the 10-year yield fading toward just 4.15%; we now see it falling to 3.75% by the end of the year as we think the Fed is likely to cut interest rates three times beginning in September.

With global inflation less of an issue amid elevated growth fears, the European Central Bank set the tone by not only cutting rates again in April but also by signaling more are likely on the way. RBC Capital Markets now

expects two more 25 basis point rate cuts this year to a terminal level of 1.75%. After also cutting in April, the Bank of Canada is likely to cut once more in June, in our view, before pausing and turning to fiscal tools to support the economy.

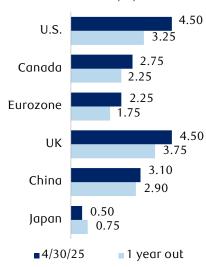
As we have maintained throughout this year, tariffs and trade wars are bad for inflation but even worse for growth, with the latter likely to ultimately mean lower interest rates.

#### Sovereign yield curves



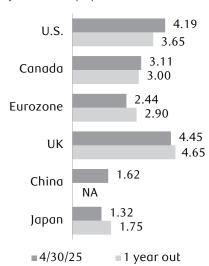
Source - Bloomberg; data through 4/30/25

#### Central bank rates (%)



Source - RBC Investment Strategy Committee, RBC Capital Markets forecasts, Global Portfolio Advisory Committee, RBC Global Asset Management

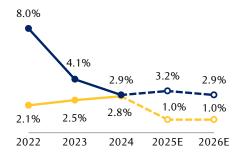
#### 10-year rates (%)



Note: Eurozone utilizes German Bunds. Source - RBC Investment Strategy Committee, Global Portfolio Advisory Committee, RBC Global Asset Management **KEY** 

## **Forecasts**

**United States** 



#### Canada



#### Eurozone



#### **United Kingdom**



#### China



#### Japan



Real GDP growth



Source - RBC Investment Strategy Committee, RBC Capital Markets, Global Portfolio Advisory Committee, RBC Global Asset Management, Bloomberg consensus estimates

## Research resources

This document is produced by the Global Portfolio Advisory Committee within RBC Wealth Management's Portfolio Advisory Group. The RBC Wealth Management Portfolio Advisory Group provides support related to asset allocation and portfolio construction for the firm's investment advisors / financial advisors who are engaged in assembling portfolios incorporating individual marketable securities.

The Global Portfolio Advisory Committee leverages the broad market outlook as developed by the RBC Investment

Strategy Committee (RISC), providing additional tactical and thematic support utilizing research from the RISC, RBC Capital Markets, and third-party resources.

The RISC consists of senior investment professionals drawn from individual, client-focused business units within RBC, including the Portfolio Advisory Group. The RISC builds a broad global investment outlook and develops specific guidelines that can be used to manage portfolios. The RISC is chaired by Daniel Chornous, CFA, Chief Investment Officer of RBC Global Asset Management Inc.

#### Global Portfolio Advisory Committee members

Jim Allworth – Co-chair Investment Strategist, RBC Dominion Securities Inc.

**Kelly Bogdanova** – Co-chair Portfolio Analyst, RBC Wealth Management Portfolio Advisory Group U.S., RBC Capital Markets, LLC

**Frédérique Carrier** – Co-chair Managing Director & Head of Investment Strategy, RBC Europe Limited

Mark Bayko, CFA – Head, Portfolio Management, RBC Dominion Securities Inc.

**Luis Castillo** – Fixed Income Portfolio Advisor, RBC Wealth Management Portfolio Advisory Group, RBC Dominion Securities Inc.

**Rufaro Chiriseri, CFA** – Head of Fixed Income, British Isles, RBC Europe Limited

Janet Engels – Vice President & Head, Global Investments, RBC Wealth Management, RBC Capital Markets, LLC

**Thomas Garretson, CFA** – Fixed Income Senior Portfolio Strategist, RBC Wealth Management Portfolio Advisory Group, RBC Capital Markets, LLC **Patrick McAllister, CFA** – Manager, Equity Advisory & Portfolio Management, RBC Wealth Management Portfolio Advisory Group, RBC Dominion Securities Inc.

**Josh Nye** – Fixed Income Portfolio Advisor, RBC Wealth Management Portfolio Advisory Group, RBC Dominion Securities Inc.

Alan Robinson – Senior Portfolio Advisor, RBC Wealth Management Portfolio Advisory Group – U.S. Equities, RBC Capital Markets, LLC

**Michael Schuette, CFA** – Multi-Asset Portfolio Strategist, RBC Wealth Management Portfolio Advisory Group U.S., RBC Capital Markets, LLC

**David Storm, CFA, CAIA** – Chief Investment Officer, British Isles & Asia, RBC Europe Limited

**Yuh Harn Tan** – Head of Discretionary Portfolio Management & UHNW Solutions, Royal Bank of Canada, Singapore Branch

**Joseph Wu**, **CFA** – Portfolio Manager, Multi-Asset Strategy, RBC Dominion Securities Inc.

#### Additional Global Insight contributors

**Atul Bhatia**, **CFA** – Fixed Income Portfolio Strategist, RBC Wealth Management Portfolio Advisory Group, RBC Capital Markets, LLC

## Required disclosures

#### **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. This report has been prepared by RBC Capital Markets 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.

#### Non-U.S. Analyst Disclosure

One or more research analysts involved in the preparation of this report (i) may not be registered/qualified as research analysts with the NYSE and/or FINRA and (ii) may not be associated persons of the RBC Wealth Management and therefore may not be subject to FINRA Rule 2241 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

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 <a href="https://www.rbccm.com/GLDisclosure/PublicWeb/DisclosureLookup.aspx?EntityID=2">https://www.rbccm.com/GLDisclosure/PublicWeb/DisclosureLookup.aspx?EntityID=2</a> 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 RBC Capital Markets' ratings are determined on a relative basis.

Distribution of ratings – RBC Capital Markets Equity Research As of March 31, 2025

			Investment Banking Services Provided During Past 12 Months	
Rating	Count	Percent	Count	Percent
Buy [Outperform]	878	59.12	285	32.46
Hold [Sector Perform]	563	37.91	146	25.93
Sell [Underperform]	44	2.96	5	11.36

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 pext 12

analyst's view of how that stock will perform over the next 12 months relative to the analyst's sector average.

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 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 shortterm 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 advisor, 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 <a href="https://www.rbccm.com/GLDisclosure/PublicWeb/DisclosureLookup.aspx?EntityID=2">https://www.rbccm.com/GLDisclosure/PublicWeb/DisclosureLookup.aspx?EntityID=2</a>. 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 authors are employed by one of the following entities: RBC Wealth Management USA, a division of RBC Capital Markets, LLC, a securities broker-dealer with principal offices located in Minnesota and New York, USA; RBC Dominion Securities Inc., a securities broker-dealer with principal offices located in Toronto, Canada; Royal Bank of Canada, Hong Kong Branch, which is regulated by the Hong Kong Monetary Authority and the Securities and Futures Commission ("SFC"); Royal Bank of Canada, Singapore Branch, a licensed wholesale bank with its principal office located in Singapore; and RBC Europe Limited, a licensed bank with principal offices located in London, United Kingdom.

#### 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. 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 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.

© 2025 RBC Capital Markets, LLC – Member NYSE/FINRA/SIPC
© 2025 RBC Dominion Securities Inc. – Member Canadian Investor
Protection Fund
© 2025 RBC Europe Limited
© 2025 Royal Bank of Canada
All rights reserved
RBC1524

