



Capital  
Markets

RBC Capital Markets, LLC  
**Tom Porcelli**  
Chief US Economist  
(212) 618-7788  
tom.porcelli@rbccm.com

**Jacob Oubina**  
Senior US Economist  
(212) 618-7795  
jacob.oubina@rbccm.com

July 20, 2020

## US Economics: Recovery path tracker

### Covid-19

Testing averaged a new high of nearly 780,000/day in the latest week – up more than 100,000/day from one week ago. Meanwhile, the positivity rate looks increasingly to be plateauing on a nationwide basis. It has now been in a tight range between 8.2-8.7% over the last 11 days. Thus, nationwide, the continued ramp up in testing explains all of the uptick in cases more recently as the hit rate has flattened out. Critically, the death rate continues to decline. Daily average deaths relative to infections from 2 weeks earlier are now sitting at 1.58% (7-day average) from 3.75% on July 1st and 4.33% on June 1st. The news on therapeutics and vaccines continues to look positive as well. Small pharma company, Synairgen, reported “a 79% lower risk of developing severe forms of the disease compared to placebo” according to Reuters. And the Covid-19 vaccine joint effort by AstraZeneca and the University of Oxford showed promising results. Indeed, the head of Oxford’s Jenner Institute, said they are “seeing very good immune responses, not just on neutralizing antibodies but of T-cells as well.” Declining death rates, improved therapeutics, and continued headway on vaccines should continue to compress the left tail economic risks from the virus.

### Consumer

Retail sales came in better than expected for June, with a 7.5% advance on the headline and a 5.6% jump in the “control” group (ex. auto, gasoline, and building materials). What is perhaps even more impressive than the very large sequential gains over the last two months (which, to be sure, are to be expected following the utter collapse of activity in April) is the fact that topline retail activity is now just -0.8% away from the Jan/Feb pre-pandemic level. In other words, this report encapsulates the very essence of a V-shaped recovery. There is wide dispersion within the sectors and the “work-from-home” theme is clearly visible when we look at the fact that groceries are 11.5% above pre-Covid, e-tailing is sitting at 20.9% higher and now sporting goods etc. has ramped up to 23.1% above the pre-pandemic level. But even restaurants, though still -27.5% off the pre-Covid pace, have shown a much faster recovery than anticipated. Especially when we consider that even outdoor dining only began to open up in many states toward the end of the month. Indeed, although reservations data from OpenTable showed an average -69.3% drop-off from one year ago, sales in this space (per the retail data) are actually down -26.3% y/y in June. Looking at the data points for July thus far, what we see is that Redbook chain-store sales finally broke out to the upside on a m/m basis, printing 3% for the week ending July 11th. We also see that store openings and retail jobs, while having plateaued slightly in early July, are still averaging above the June pace. Homebase showed a -19.4% drop-off in retail stores opened and -13.2% in retail employment for June on average vs pre-Covid levels. Thus far, in July, these are sitting at -18.6% and -13.0%, respectively. So there is no indication that activity, on net, has declined in July despite some headwinds to the re-opening. Again, while some states have seen some rolling over here on the heels of case spikes, there are offsets from the states that re-opened much later.

### Employment

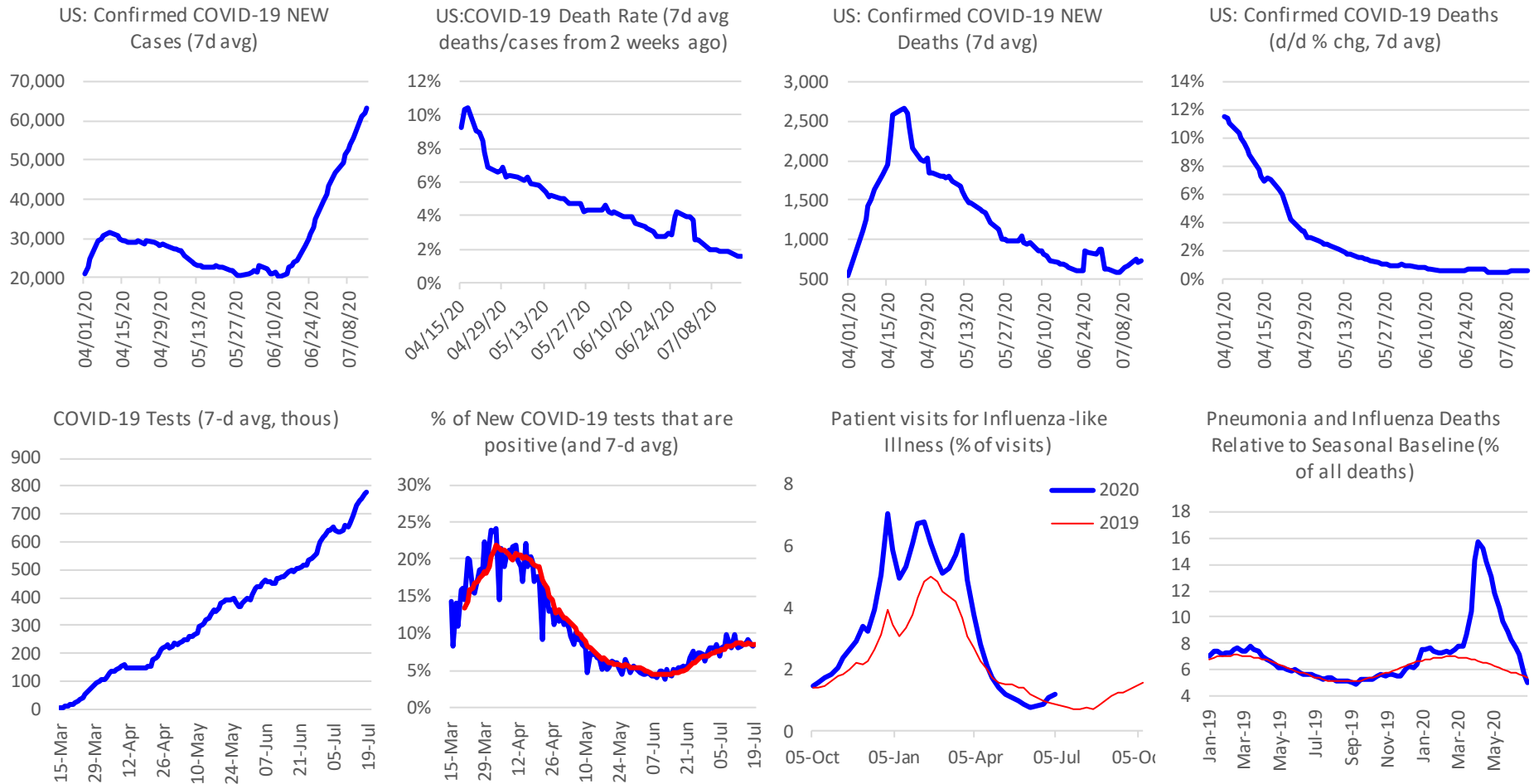
Google trends shows a plateauing in interest to “file unemployment” at an equivalent of about 1.4-1.5m initial jobless claims. Indeed, initial claims have remained pretty sticky around these levels. Note too that pandemic unemployment assistance rolls continue to print new highs and were sitting at a whopping 14.3m for the week of June 27th. More timely data from Treasury, showing UI payouts, suggests that is likely to be the peak there. Also, the PUA expires later this month, and looks highly unlikely to be extended in its current form (given the concerns – even from the Department of Labor – about rampant abuse/fraud). So the unemployment picture should get a bit clearer in the next few weeks. In terms of hiring, while there has been a notable deceleration in the share of employees working relative to the pre-Covid baseline, July averaged above June in terms of the payroll survey week. According to Homebase data, “employees working” during the June payroll survey week averaged -26.6% from the pre-Covid baseline while July came in at -24.4%. A modest improvement to be sure, but certainly not indicative of a negative NFP in the offing. Note to that July typically sees an unadjusted decline of about 1 million jobs, so the seasonal hurdle is exceptionally low this month too.

*Please see the charts associated with each component of the tracker on pages 2-4.*

**For Required Conflicts Disclosures, please see page 5.**

Disseminated: July 20, 2020 12:01ET; Produced: July 20, 2020 12:01ET

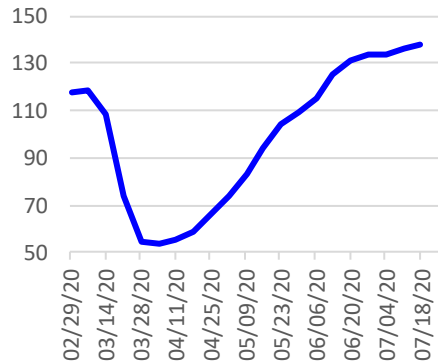
# COVID-19



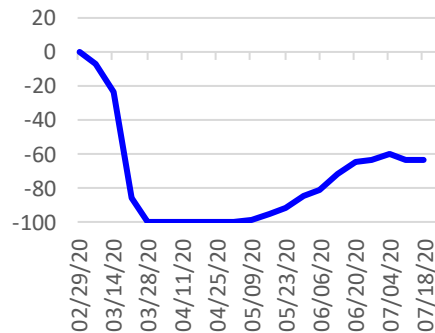
Source: Johns Hopkins University, The Atlantic, CDC, Haver, RBC Capital Markets US Economics

## Consumer

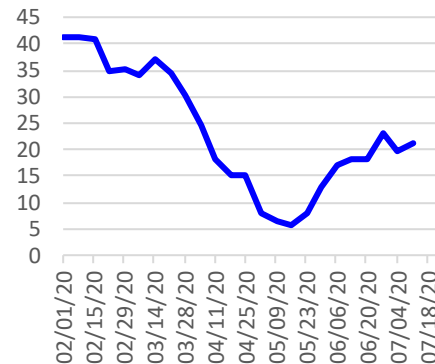
Apple Mobility: USA: Driving (7-day avg)



United States: OpenTable Seated Diners at Restaurants (Yr/Yr % Change)



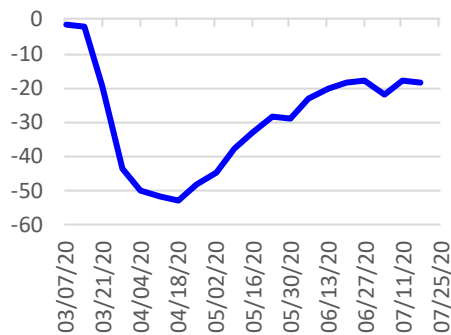
Bloomberg Consumer Comfort: Personal Finances: Net



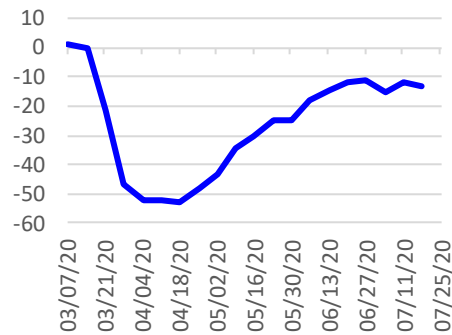
MBA: Volume Index: Mortgage Loan Applications for Purchase (SA, Mar-16-90=100)



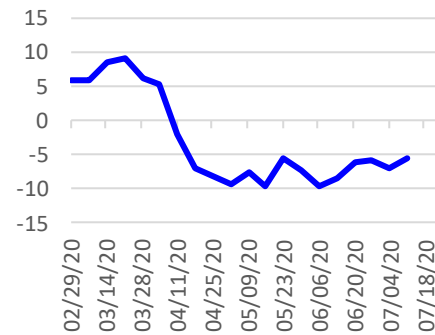
Impact of COVID-19 on No of Businesses Open: Retail (Relative to Baseline Period)



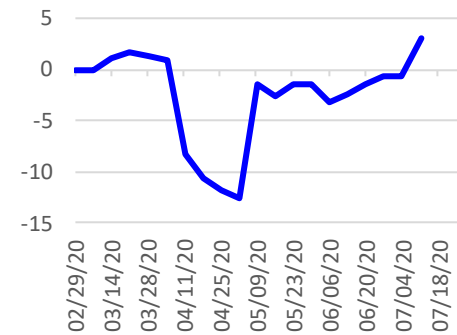
Impact of COVID-19 on No of Hrly Employees Working: Retail (Rel to Baseline Pd)



Redbook Research: Same Store, Retail Sales Average (NSA, Y/Y %Chg)



Redbook Research: Same Store, Genl Mdse Retail Sales, Mo-to-Date (SA, M/M %Chg)

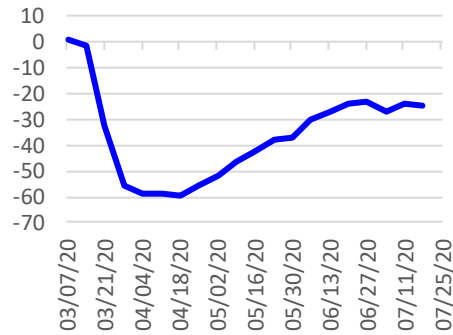


Source: Apple, Bloomberg, OpenTable, Homebase, MBA, Redbook, Haver, RBC Capital Markets US Economics

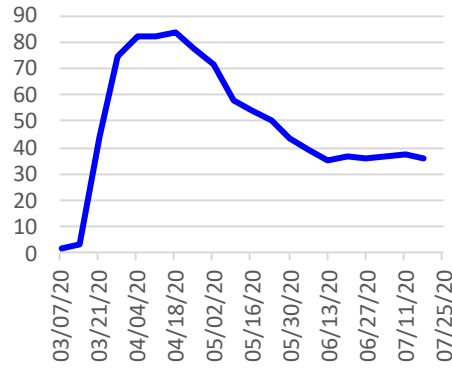


# Employment

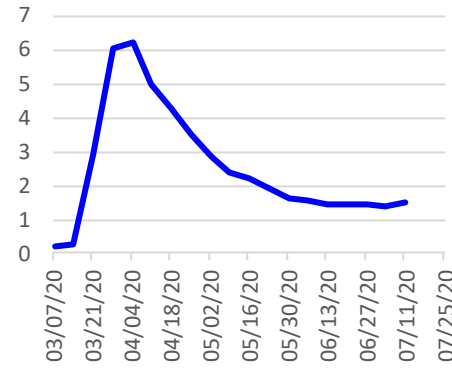
US: Impact of COVID-19 on No of Hourly Employees Working (Rel to Baseline Period)



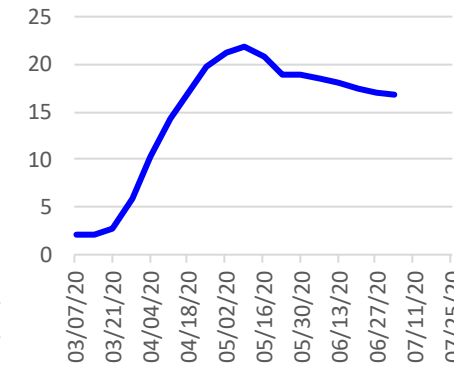
Google Trends: "file unemployment" (7d average)



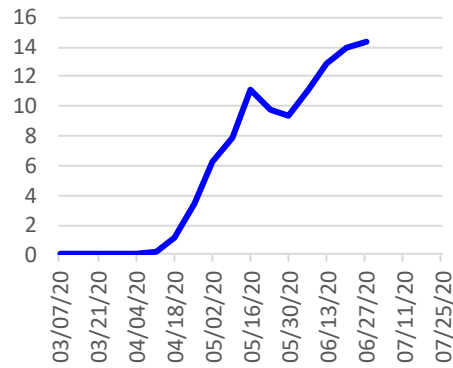
Initial Jobless Claims, State Programs (NSA, m)



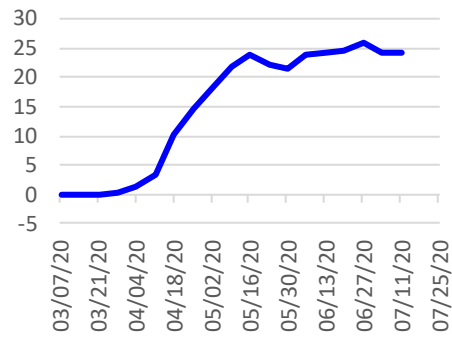
Continuing Claims, State Programs (NSA, 2-week avg, m)



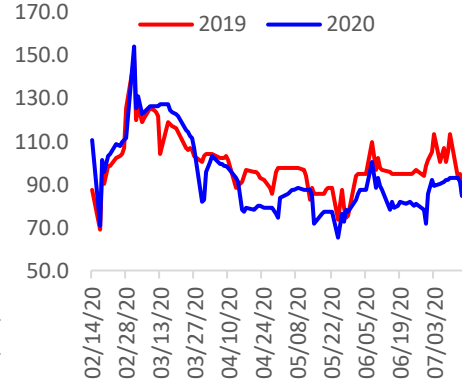
Pandemic Unemployment Assistance (NSA, m)



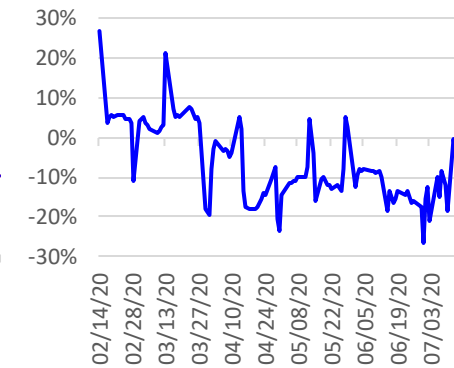
Treasury Withdrawals: UI Benefits (\$b above pre-COVID baseline)



Treasury Deposits: Withheld Income Taxes (\$bn, 10-d sum)



Treasury Deposits: Withheld Income Taxes (y/y of 10-d sum)



Source: Homebase, Google, Department of Labor, Treasury, Haver, RBC Capital Markets US Economics

## Required disclosures

### Conflicts disclosures

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

### Conflicts policy

RBC Capital Markets Policy for Managing Conflicts of Interest in Relation to Investment Research is available from us on request. To access our current policy, clients should refer to

<https://www.rbccm.com/global/file-414164.pdf>

or send a request to RBC Capital Markets Research Publishing, P.O. Box 50, 200 Bay Street, Royal Bank Plaza, 29th Floor, South Tower, Toronto, Ontario M5J 2W7. We reserve the right to amend or supplement this policy at any time.

### Dissemination of research and short-term trade ideas

RBC Capital Markets endeavors to make all reasonable efforts to provide research simultaneously to all eligible clients, having regard to local time zones in overseas jurisdictions. RBC Capital Markets' equity research is posted to our proprietary website to ensure eligible clients receive coverage initiations and changes in ratings, targets and opinions in a timely manner. Additional distribution may be done by the sales personnel via email, fax, or other electronic means, or regular mail. Clients may also receive our research via third party vendors. RBC Capital Markets also provides eligible clients with access to SPARC on the Firms proprietary INSIGHT website, via email and via third-party vendors. SPARC contains market color and commentary regarding subject companies on which the Firm currently provides equity research coverage. Research Analysts may, from time to time, include short-term trade ideas in research reports and / or in SPARC. A short-term trade idea offers a short-term view on how a security may trade, based on market and trading events, and the resulting trading opportunity that may be available. A short-term trade idea may differ from the price targets and recommendations in our published research reports reflecting the research analyst's views of the longer-term (one year) prospects of the subject company, as a result of the differing time horizons, methodologies and/or other factors. Thus, it is possible that a subject company's common equity that is considered a long-term 'Sector Perform' or even an 'Underperform' might present a short-term buying opportunity as a result of temporary selling pressure in the market; conversely, a subject company's common equity rated a long-term 'Outperform' could be considered susceptible to a short-term downward price correction. Short-term trade ideas are not ratings, nor are they part of any ratings system, and the firm generally does not intend, nor undertakes any obligation, to maintain or update short-term trade ideas. Short-term trade ideas may not be suitable for all investors and have not been tailored to individual investor circumstances and objectives, and investors should make their own independent decisions regarding any securities or strategies discussed herein. Please contact your investment advisor or institutional salesperson for more information regarding RBC Capital Markets' research.

For a list of all recommendations on the company that were disseminated during the prior 12-month period, please click on the following link: <https://rbcnew.bluematrix.com/sellside/MAR.action>

The 12 month history of SPARCs can be viewed at <https://www.rbcinsightresearch.com>.

### 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.

### Third-party-disclaimers

RBC Capital Markets disclaims all warranties of originality, accuracy, completeness, merchantability or fitness for a particular purpose with respect to any statements made to the media or via social media that are in turn quoted in this report, or otherwise reproduced graphically for informational purposes.

References herein to "LIBOR", "LIBO Rate", "L" or other LIBOR abbreviations means the London interbank offered rate as administered by ICE Benchmark Administration (or any other person that takes over the administration of such rate).

### Disclaimer

RBC Capital Markets is the business name used by certain branches and subsidiaries of the Royal Bank of Canada, including RBC Dominion Securities Inc., RBC Capital Markets, LLC, RBC Europe Limited, Royal Bank of Canada, Hong Kong Branch and Royal Bank of Canada, Sydney Branch. The information contained in this report has been compiled by RBC Capital Markets from sources believed to be reliable, but no representation or warranty, express or implied, is made by Royal Bank of Canada, RBC Capital Markets, its affiliates or any other person as to its accuracy, completeness or correctness. All opinions and estimates contained in this

report constitute RBC Capital Markets' judgement as of the date of this report, are subject to change without notice and are provided in good faith but without legal responsibility. Nothing in this report constitutes legal, accounting or tax advice or individually tailored investment advice. This material is prepared for general circulation to clients and has been prepared without regard to the individual financial circumstances and objectives of persons who receive 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. This report is not an offer to sell or a solicitation of an offer to buy any securities. Past performance is not a guide to future performance, future returns are not guaranteed, and a loss of original capital may occur. RBC Capital Markets research analyst compensation is based in part on the overall profitability of RBC Capital Markets, which includes profits attributable to investment banking revenues. 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. RBC Capital Markets may be restricted from publishing research reports, from time to time, due to regulatory restrictions and/ or internal compliance policies. If this is the case, the latest published research reports available to clients may not reflect recent material changes in the applicable industry and/or applicable subject companies. RBC Capital Markets research reports are current only as of the date set forth on the research reports. 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. To the full extent permitted by law neither RBC Capital Markets 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 Capital Markets in each instance.

**Additional information is available on request.**

**To U.S. Residents:**

This publication has been approved by RBC Capital Markets, LLC (member FINRA, NYSE, SIPC), which is a U.S. registered broker-dealer and which accepts responsibility for this report and its dissemination in the United States. 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.

**To Canadian Residents:**

This publication has been approved by RBC Dominion Securities Inc. (member IIROC). Any Canadian recipient of this report that is not a Designated Institution in Ontario, an Accredited Investor in British Columbia or Alberta or a Sophisticated Purchaser in Quebec (or similar permitted purchaser in any other province) 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 Dominion Securities Inc., which, without in any way limiting the foregoing, accepts responsibility for this report and its dissemination in Canada.

**To U.K. Residents:**

This publication has been approved by RBC Europe Limited ('RBCEL') which is authorized by the Prudential Regulation Authority and regulated by the Financial Conduct Authority ('FCA') and the Prudential Regulation Authority, in connection with its distribution in the United Kingdom. This material is not for general distribution in the United Kingdom to retail clients, as defined under the rules of the FCA. RBCEL accepts responsibility for this report and its dissemination in the United Kingdom.

**To German Residents:**

This material is distributed in Germany by RBC Europe Limited, Frankfurt Branch which is regulated by the Bundesanstalt für Finanzdienstleistungsaufsicht (BaFin).

**To Persons Receiving This Advice in Australia:**

This material has been distributed in Australia by Royal Bank of Canada, Sydney Branch (ABN 86 076 940 880, AFSL No. 246521). This material has been prepared for general circulation and does not take into account the objectives, financial situation or needs of any recipient. Accordingly, any recipient should, before acting on this material, consider the appropriateness of this material having regard to their objectives, financial situation and needs. If this material relates to the acquisition or possible acquisition of a particular financial product, a recipient in Australia should obtain any relevant disclosure document prepared in respect of that product and consider that document before making any decision about whether to acquire the product. This research report is not for retail investors as defined in section 761G of the Corporations Act.

**To Hong Kong Residents:**

This publication is distributed in Hong Kong by Royal Bank of Canada, Hong Kong Branch, which is regulated by the Hong Kong Monetary Authority and the Securities and Futures Commission (SFC) in Hong Kong, RBC Investment Services (Asia) Limited and RBC Global Asset Management (Asia) Limited, both entities are regulated by the SFC. This material is not for general distribution in Hong Kong to persons who are not professional investors (as defined in the Securities and Futures Ordinance of Hong Kong (Cap. 571) and any rules made thereunder.

**To Singapore Residents:**

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 material 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. Royal Bank of Canada, Singapore Branch accepts responsibility for this report and its dissemination in Singapore.

**To Japanese Residents:**

Unless otherwise exempted by Japanese law, this publication is distributed in Japan by or through RBC Capital Markets (Japan) Ltd. which is a Financial Instruments Firm registered with the Kanto Local Financial Bureau (Registered number 203) and a member of the Japan Securities Dealers Association (JSDA) and the Financial Futures Association of Japan (FFAJ).

® Registered trademark of Royal Bank of Canada. RBC Capital Markets is a trademark of Royal Bank of Canada. Used under license.

Copyright © RBC Capital Markets, LLC 2020 - Member SIPC

Copyright © RBC Dominion Securities Inc. 2020 - Member Canadian Investor Protection Fund

Copyright © RBC Europe Limited 2020

Copyright © Royal Bank of Canada 2020

All rights reserved

## Global Macro, Economics & Rates Strategy Research Team

### Europe

#### RBC Europe Limited:

Vatsala Datta	UK Rates Strategist	+44 20 7029 0184	vatsala.datta@rbccm.com
Cathal Kennedy	European Economist	+44 20 7029 0133	cathal.kennedy@rbccm.com
Megum Muhic	Associate	+44 20 7029 0092	megum.muhic@rbccm.com
Peter Schaffrik	Global Macro Strategist	+44 20 7029 7076	peter.schaffrik@rbccm.com
Gordon Scott	Associate	+44 20 7653 4576	gordon.scott@rbccm.com

### Asia-Pacific

#### Royal Bank of Canada – Sydney Branch:

Su-Lin Ong	Head of Australian and New Zealand FIC Strategy	+612-9033-3088	su-lin.ong@rbccm.com
Robert Thompson	Macro Rates Strategist	+612 9033 3088	robert.thompson@rbccm.com

### North America

#### RBC Dominion Securities Inc.:

Mark Chandler	Head of Canadian Rates Strategy	(416) 842-6388	mark.chandler@rbccm.com
Simon Deeley	Rates Strategist	(416) 842-6362	simon.deeley@rbccm.com

#### RBC Capital Markets, LLC:

Jacob Oubina	Senior US Economist	(212) 618-7795	jacob.oubina@rbccm.com
Tom Porcelli	Chief US Economist	(212) 618-7788	tom.porcelli@rbccm.com

## Global Commodity Strategy and MENA Research Team

### North America

#### RBC Capital Markets, LLC:

Helima Croft	Head of Global Commodity Strategy and MENA Research	(212) 618-7798	helima.croft@rbccm.com
Christopher Louney	Commodity Strategist	(212) 437-1925	christopher.louney@rbccm.com
Michael Tran	Commodity Strategist	(212) 266-4020	michael.tran@rbccm.com
Megan Schippmann	Senior Associate	(212) 301-1531	megan.schippmann@rbccm.com
Akash Gupta	Associate	(212) 428-5491	akash.gupta@rbccm.com