

GLOBAL ECONOMICS | DAILY POINTS

May 22, 2020 @ 8:10 EST

| ON DEC | K FOR | FRIDAY | Y. MAY | 1 22 |
|--------|-------|--------|--------|------|
|--------|-------|--------|--------|------|

| Country | <u>Date</u> | Time | <u>Indicator</u> | Period | BNS | Consensus | Latest |
|---------|-------------|-------|------------------------------|---------------|------------|-----------|--------|
| CA | 05/22 | 08:30 | Retail Sales (m/m) | Mar | -10.0 | -10.5 | 0.3 |
| CA | 05/22 | 08:30 | Retail Sales ex. Autos (m/m) | Mar | -3.0 | -4.8 | 0.0 |

KEY POINTS:

- Risk-off sentiment on China tensions, US holiday liquidity
- China elevated tensions with HK and the world
- BoJ rolls out ¥30 trillion small business program
- Canadian retail sales probably fell by a record amount
- UK pandemic hording stops, sales plunge
- . China adds its name to those abandoning forecasting business
- Early close in US bond market today

INTERNATIONAL

Risk-off sentiment is driven by increasing concern surrounding global and regional tensions with China and may be fanned by liquidity constraints as Americans check out early today, officially or not. The dominant consideration was China's step to further subvert democracy in Hong Kong and associated risks to not only the region but also in terms of global tensions as the move is sure to motivate increased global condemnation.

Other more tangential considerations include that China opted out of the forecasting business by abandoning state targets for things like 2020 GDP growth. Add them to the growing list of folks refusing to forecast during a time of uncertainty that also includes the Fed and the Bank of Canada. Dang, life would have been so much easier around here if no one expected us to forecast and formulate views on policy developments and market directions, but that's the difference in the private sector where we have paying clients to serve! The BoJ offered little surprise overnight as it rolled out a ¥30 trillion (US\$280 billion) small business program while leaving its main policy variables unchanged. The US bond market will close early at 2pmET and there is no official early close for equities ahead of Memorial Day on Monday. Here's wishing our American friends a well deserved—and healthy—long weekend.

- US and Canadian equity futures are all down by about ½% or so. European cash markets are mixed with London down ¾%, Paris and Frankfurt down ¼%, but Spain up ½% and Italy up by almost 1%. Asian equities sold off across the board and were led by a 5 ½% drop in Hong Kong on tensions with China.
- US and Canadian sovereign curves are slightly bull flattening with 10s down 2bps and relatively anchored front ends. EGBs are little changed. Hong Kong's bond yields spiked higher in a bear flattener with 2s up 31bps and 10s up 12bps as risks overhanging the credit increased. Australia's curve bull flattened in 2s10s with the 10 year yield down 5bps. China's curve did likewise with the 10 year down 8bps.

CONTACTS

Derek Holt, VP & Head of Capital Markets Economics 416.863.7707 Scotiabank Economics derek.holt@scotiabank.com



GLOBAL ECONOMICS | DAILY POINTS

May 22, 2020

- Oil prices are down by about 5% or so in terms of both WTI and Brent.
- The USD is picking up flows from almost everywhere except for the yen that is also gaining. The weakest crosses are
 generally the commodity-related and China-related dones like the Scandies, A\$, won and CAD. The euro and sterling are also
 depreciating.

China's plan to impose a national security and anti-sedition law on Hong Kong criminalizes protests against the state and enables Chinese security forces to enforce it in Hong Kong. It imposes a high level of control on Hong Kong liberties and its legal system by elevating the whims of China's uni-party state over the rule of an independent legal system. It confirms suspicion all along that China would ultimately drop the two systems one country approach after the UK returned Hong Kong to China in 1997. It's a serious affront to Hong Kong's liberties and risks bringing the same degree of human rights violations that regularly occur on the mainland into Hong Kong while striking a major blow against democracy in Hong Kong. It also risks escalated violence through protests against the measure and potential capital flight. Perhaps more important in a bigger picture sense is that it confirms China is an increasingly emboldened state.

UK consumers retrenched in a big way last month. Retail sales fell 18.1% m/m after previously falling by 5.2%. Excluding fuel, sales were down 15.2% m/m. Both results were in the ballpark of expectations. Pandemic-related stockpiling petered out as food store sales fell by 4.1% m/m after rising by 10.1% in March. Non-food retailers saw a much larger 41.7% decline in sales after a 19.5% drop in March.

CANADA

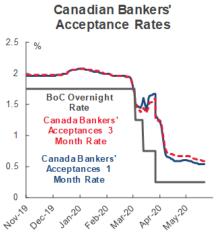
Canada updates retail sales for March this morning (8:30amET). It's the end of May and we're finding out about March, whereas the US and UK have both released April figures with other countries like Germany and France to do so next week. Helllooo Canada. A steep decline is likely. I've guesstimated a drop of around -10% m/m for headline sales and a more modest -3% or so for sales ex-autos but I'm sure there will be scope for surprises given the nature of this report. This should be a record monthly decline as the previously worst reading was a -4.5% m/m drop in January 1998.

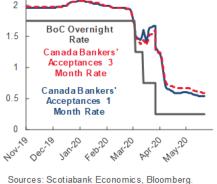
Wide brackets exist around both estimates, but basically grocery spending and maybe health and personal care products should help offset some of the broader weakness in sales ex-autos. That's what also happened in the UK during March before this morning's April figures that registered an end to such pandemic-related hording. Gas prices fell by 16% m/m in March with a 10% weight on gas station sales and the uncertainty is around the unknown volume of gasoline that was sold as well as ancillary sales at gas stations. New car dealers have a 22% weight and new auto sales fell 47% m/m seasonally adjusted with prices down by about 1% m/m which knocks another ten percentage points off of retail sales in weighted terms with uncertainty focused upon used auto sales, parts and service. Food and beverage store sales climbed sharply over March, however, when compared to the same month last year, and—with a 21% weight in overall retail sales—that likely accounted for about a +5 percentage point m/m lift to overall retail sales. The other half of sales are estimated to have dropped by 10% so that knocks a weighted 5% off total sales.

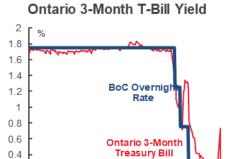
Please see the next page's collection of charts depicting the updated state of Canadian financial markets. In general, conditions have retained improvement, but it has stalled out in several areas.













Oct

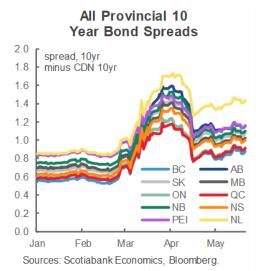
Mar-20

Jan-20 Feb-20

0.2

0

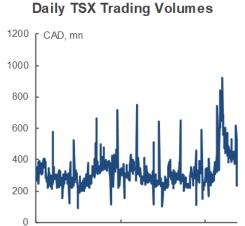
Φ



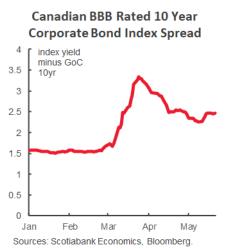




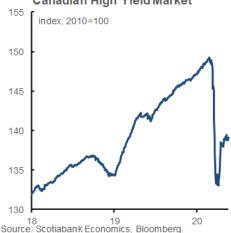




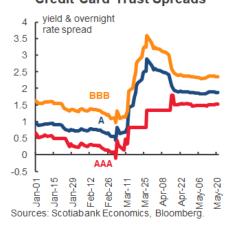
Sources: Scotiabank Economics, Bloomberg.







Proxies for Canadian Credit Card Trust Spreads



Canadian Auto Properties REIT





May 22, 2020



| Fixed Income | Government Yield Curves (%): | | | | | | | | | | Central Banks | | | |
|--------------|------------------------------|--------------|-------------|----------|--------------|------------------------------|------------------------|--------------|-------------|--------------|--------------------|-------------|--------------------|--------------|
| | 2-YEAR | | | | 5-YEAR | | | 10-YEAF | 2 | | 30-YEAR | | Current Rate | |
| | Last | <u>1-day</u> | <u>1-wk</u> | Last | <u>1-day</u> | <u>1-wk</u> | Last | <u>1-day</u> | <u>1-wk</u> | Last | 1-day | <u>1-wk</u> | | |
| U.S. | 0.16 | 0.17 | 0.15 | 0.33 | 0.34 | 0.31 | 0.66 | 0.67 | 0.64 | 1.37 | 1.39 | 1.33 | Canada - BoC | 0.25 |
| CANADA | 0.30 | 0.30 | 0.28 | 0.40 | 0.41 | 0.37 | 0.53 | 0.55 | 0.54 | 1.08 | 1.10 | 1.08 | | |
| GERMANY | -0.68 | -0.69 | -0.73 | -0.68 | -0.68 | -0.73 | -0.49 | -0.50 | -0.53 | -0.05 | -0.07 | -0.10 | US - Fed | 0.25 |
| JAPAN | -0.17 | -0.15 | -0.15 | -0.14 | -0.13 | -0.11 | 0.00 | 0.00 | 0.00 | 0.46 | 0.45 | 0.48 | | |
| U.K. | -0.04 | -0.05 | 0.00 | -0.01 | -0.01 | 0.08 | 0.17 | 0.17 | 0.23 | 0.58 | 0.57 | 0.62 | England - BoE | 0.10 |
| | | | | | Spr | eads vs. | U.S. (bp | os): | | | | | | |
| CANADA | 14 | 13 | 13 | 8 | 7 | 7 | -12 | -13 | -10 | -28 | -29 | -25 | Euro zone - ECB | 0.00 |
| GERMANY | -84 | -86 | -88 | -101 | -102 | -103 | -115 | -117 | -118 | -142 | -145 | -142 | | |
| JAPAN | -33 | -32 | -29 | -46 | -47 | -42 | -66 | -67 | -64 | -91 | -94 | -85 | Japan - BoJ | -0.10 |
| U.K. | -20 | -22 | -15 | -33 | -35 | -23 | -49 | -50 | -41 | -79 | -82 | -71 | | |
| Equities | | | Le | vel | | | | | % ch | ange: | | | Mexico - Banxico | 5.50 |
| | | Last | | | Change | | 1 Day | <u>1-</u> \ | <u>vk</u> | <u>1-mo</u> | <u>1-</u> | <u>yr</u> | | |
| S&P/TSX | | 14885 | | | -112.8 | | -0.8 | 2 | .6 | 4.2 | -8 | .8 | Australia - RBA | 0.25 |
| Dow 30 | | 24474 | | 4474 -10 | | | - <mark>0.4</mark> 3.6 | | .6 | 4.3 | -5.1 | | | |
| S&P 500 | 2949 | | -23.1 | | -0.8 | 3. | 4 | 5.3 | 3.2 | | New Zealand - RBNZ | 0.25 | | |
| Nasdaq | 9285 | | -90.9 | | -1.0 | 3. | .8 | 9.3 | 19.8 | | | | | |
| DAX | 11066 | | -0.2 | | -0.0 | 5. | .7 | 6.2 | -9.1 | | Next Meeting Date | | | |
| FTSE | | 5990 -24.8 | | | -0.4 | 3. | .3 | 3.8 | -18.3 | | | | | |
| Nikkei | | 20388 | | | -164.2 | | -0.8 | 1. | .8 | 6.5 | -4 | .2 | Canada - BoC | Jun 03, 2020 |
| Hang Seng | | 22930 | | | -1349.9 | | -5.6 | -3 | .6 | -4.0 | -17 | 7.2 | | |
| CAC | | 4450 | | 4450 4.6 | | 0.1 4.0 0.9 -17.3 | | 7.3 | US - Fed | Jun 10, 2020 | | | | |
| Commodities | Level | | | | | % change: | | | | 1 | | | | |
| WTI Crude | | 32.35 | | | -1.57 | | -4.6 | 9. | .9 | 134.8 | -47 | 7.3 | England - BoE | Jun 18, 2020 |
| Natural Gas | | 1.71 | | | -0.00 | | -0.3 | 3. | .6 | -12.1 | -33 | 3.0 | | |
| Gold | | 1733.55 | | | 6.55 | | 0.4 | -0 | .6 | 1.1 | 36 | .1 | Euro zone - ECB | Jun 04, 2020 |
| Silver | | 17.21 | | | -0.27 | | -1.5 | 10 | .8 | 14.9 | 19 | .2 | | |
| CRB Index | | 128.24 | | | -2.28 | | -1.7 | 2 | .8 | 15.4 | -28 | 3.6 | Japan - BoJ | May 21, 2020 |
| Currencies | Level | | | | % change: | | | | 1 | | | | | |
| USDCAD | | 1.4007 | | | 0.0052 | | 0.4 | -0 | | -1.1 | 4. | 3 | Mexico - Banxico | Jun 25, 2020 |
| EURUSD | | 1.0908 | | | -0.0042 | | -0.4 | 0 | .8 | 8.0 | -2 | .2 | | |
| USDJPY | | 107.53 | | | -0.0800 | | -0.1 | 0. | 4 | -0.2 | -2 | | Australia - RBA | Jun 02, 2020 |
| AUDUSD | | 0.6532 | | | -0.0033 | | -0.5 | 1. | 9 | 3.3 | -5 | .1 | | |
| GBPUSD | | 1.2177 | | | -0.0046 | | -0.4 | 0. | .5 | -1.3 | -3 | .9 | New Zealand - RBNZ | Jun 23, 2020 |
| USDCHF | | 0.9711 | | | 0.0006 | | 0.1 | -0 | .0 | -0.0 | -3 | .8 | | |
| • | • | | | | | | • | | | | | | • | |



GLOBAL ECONOMICS | DAILY POINTS

May 22, 2020

This report has been prepared by Scotiabank Economics as a resource for the clients of Scotiabank. Opinions, estimates and projections contained herein are our own as of the date hereof and are subject to change without notice. The information and opinions contained herein have been compiled or arrived at from sources believed reliable but no representation or warranty, express or implied, is made as to their accuracy or completeness. Neither Scotiabank nor any of its officers, directors, partners, employees or affiliates accepts any liability whatsoever for any direct or consequential loss arising from any use of this report or its contents.

These reports are provided to you for informational purposes only. This report is not, and is not constructed as, an offer to sell or solicitation of any offer to buy any financial instrument, nor shall this report be construed as an opinion as to whether you should enter into any swap or trading strategy involving a swap or any other transaction. The information contained in this report is not intended to be, and does not constitute, a recommendation of a swap or trading strategy involving a swap within the meaning of U.S. Commodity Futures Trading Commission Regulation 23.434 and Appendix A thereto. This material is not intended to be individually tailored to your needs or characteristics and should not be viewed as a "call to action" or suggestion that you enter into a swap or trading strategy involving a swap or any other transaction. Scotiabank may engage in transactions in a manner inconsistent with the views discussed this report and may have positions, or be in the process of acquiring or disposing of positions, referred to in this report.

Scotiabank, its affiliates and any of their respective officers, directors and employees may from time to time take positions in currencies, act as managers, co-managers or underwriters of a public offering or act as principals or agents, deal in, own or act as market makers or advisors, brokers or commercial and/or investment bankers in relation to securities or related derivatives. As a result of these actions, Scotiabank may receive remuneration. All Scotiabank products and services are subject to the terms of applicable agreements and local regulations. Officers, directors and employees of Scotiabank and its affiliates may serve as directors of corporations.

Any securities discussed in this report may not be suitable for all investors. Scotiabank recommends that investors independently evaluate any issuer and security discussed in this report, and consult with any advisors they deem necessary prior to making any investment.

This report and all information, opinions and conclusions contained in it are protected by copyright. This information may not be reproduced without the prior express written consent of Scotiabank.

™ Trademark of The Bank of Nova Scotia. Used under license, where applicable.

Scotiabank, together with "Global Banking and Markets", is a marketing name for the global corporate and investment banking and capital markets businesses of The Bank of Nova Scotia and certain of its affiliates in the countries where they operate, including, Scotiabanc Inc.; Citadel Hill Advisors L.L.C.; The Bank of Nova Scotia Trust Company of New York; Scotiabank Europe plc; Scotiabank (Ireland) Limited; Scotiabank Inverlat S.A., Institución de Banca Múltiple, Scotia Inverlat Casa de Bolsa S.A. de C.V., Scotia Inverlat Derivados S.A. de C.V. – all members of the Scotiabank group and authorized users of the Scotiabank mark. The Bank of Nova Scotia is incorporated in Canada with limited liability and is authorised and regulated by the Office of the Superintendent of Financial Institutions Canada. The Bank of Nova Scotia is authorised by the UK Prudential Regulation Authority and is subject to regulation by the UK Financial Conduct Authority and limited regulation by the UK Prudential Regulation Authority. Details about the extent of The Bank of Nova Scotia's regulation by the UK Prudential Regulation Authority are available from us on request. Scotiabank Europe plc is authorised by the UK Prudential Regulation Authority and the UK Financial Conduct Authority and the UK Prudential Regulation Authority.

Scotiabank Inverlat, S.A., Scotia Inverlat Casa de Bolsa, S.A. de C.V., and Scotia Derivados, S.A. de C.V., are each authorized and regulated by the Mexican financial authorities.

Not all products and services are offered in all jurisdictions. Services described are available in jurisdictions where permitted by law.