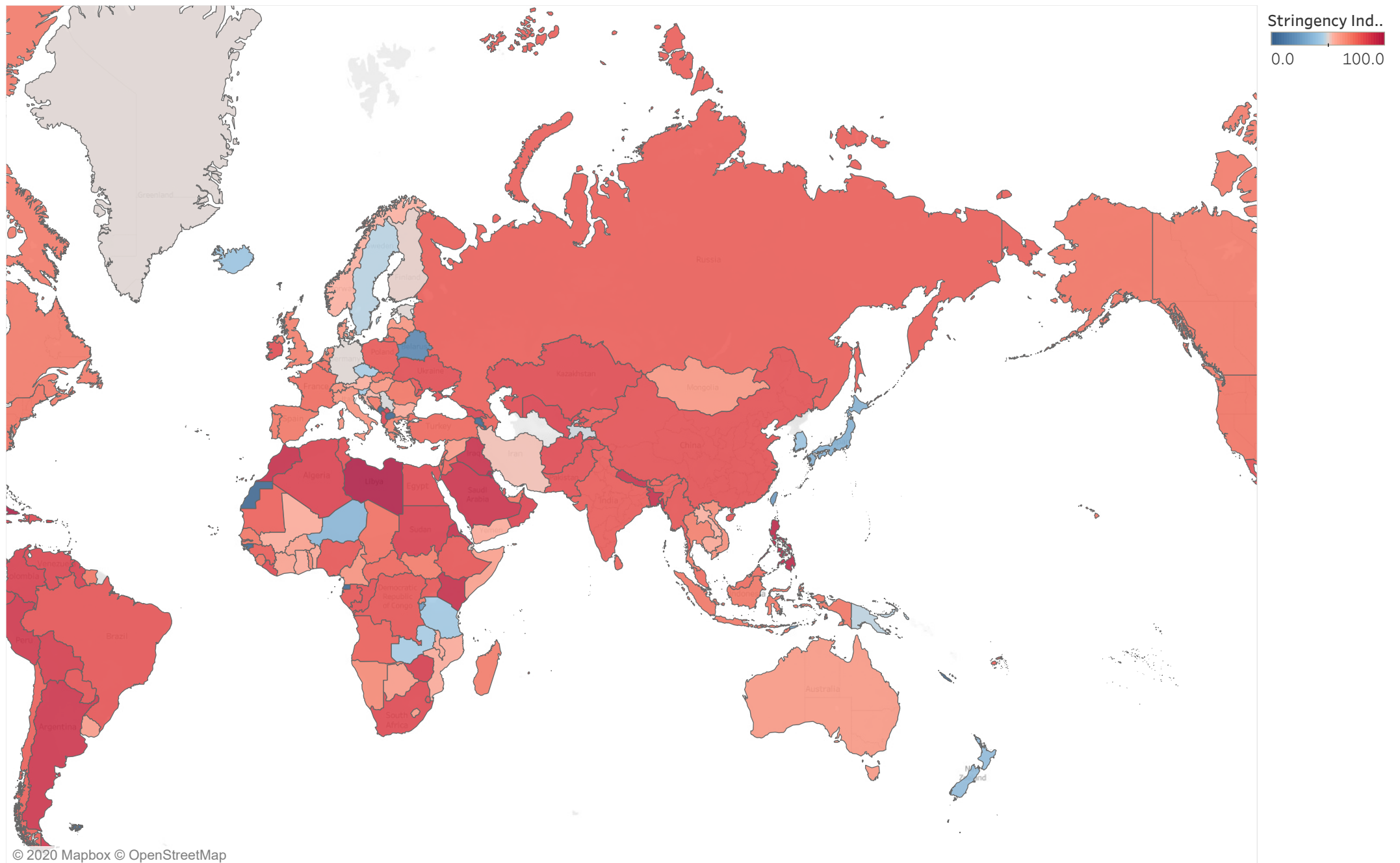


## Stringency Index - 27 May, 2020

Government Response Stringency Index: composite measure based on 9 response indicators including school closures, workplace closures, and travel bans, rescaled to a value from 0 to 100 (100 = strictest response)

Source: Oxford COVID-19 Government Response Tracker, Blavatnik School of Government

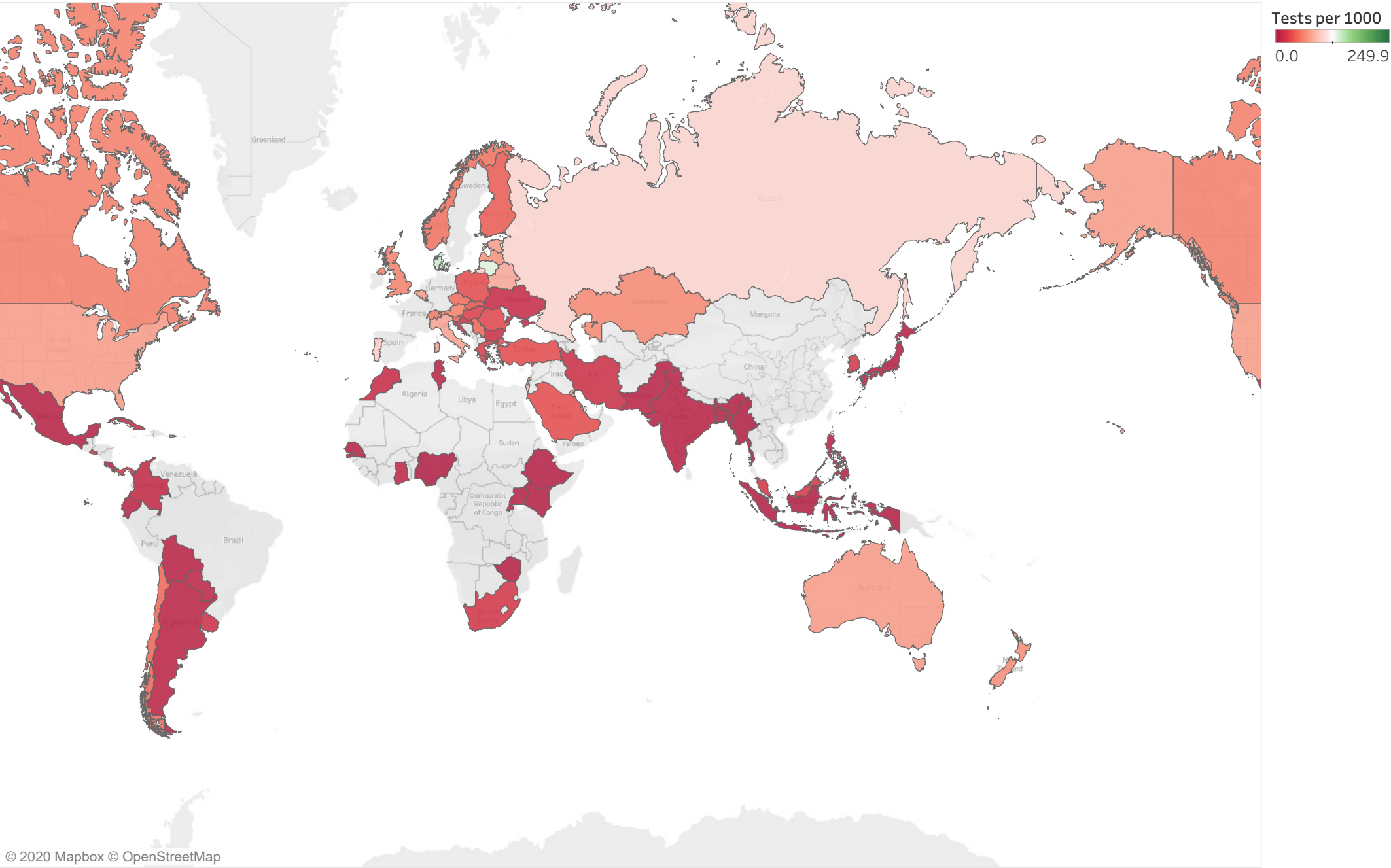


Map based on Longitude (generated) and Latitude (generated). Color shows sum of stringency\_index. Details are shown for Country. The view is filtered on Country, Latitude (generated), Longitude (generated) and date Day. The Country filter keeps 212 of 212 members. The Latitude (generated) filter keeps non-Null values only. The Longitude (generated) filter keeps non-Null values only. The date Day filter has multiple members selected.

Tests per 1000 people- 15 June, 2020

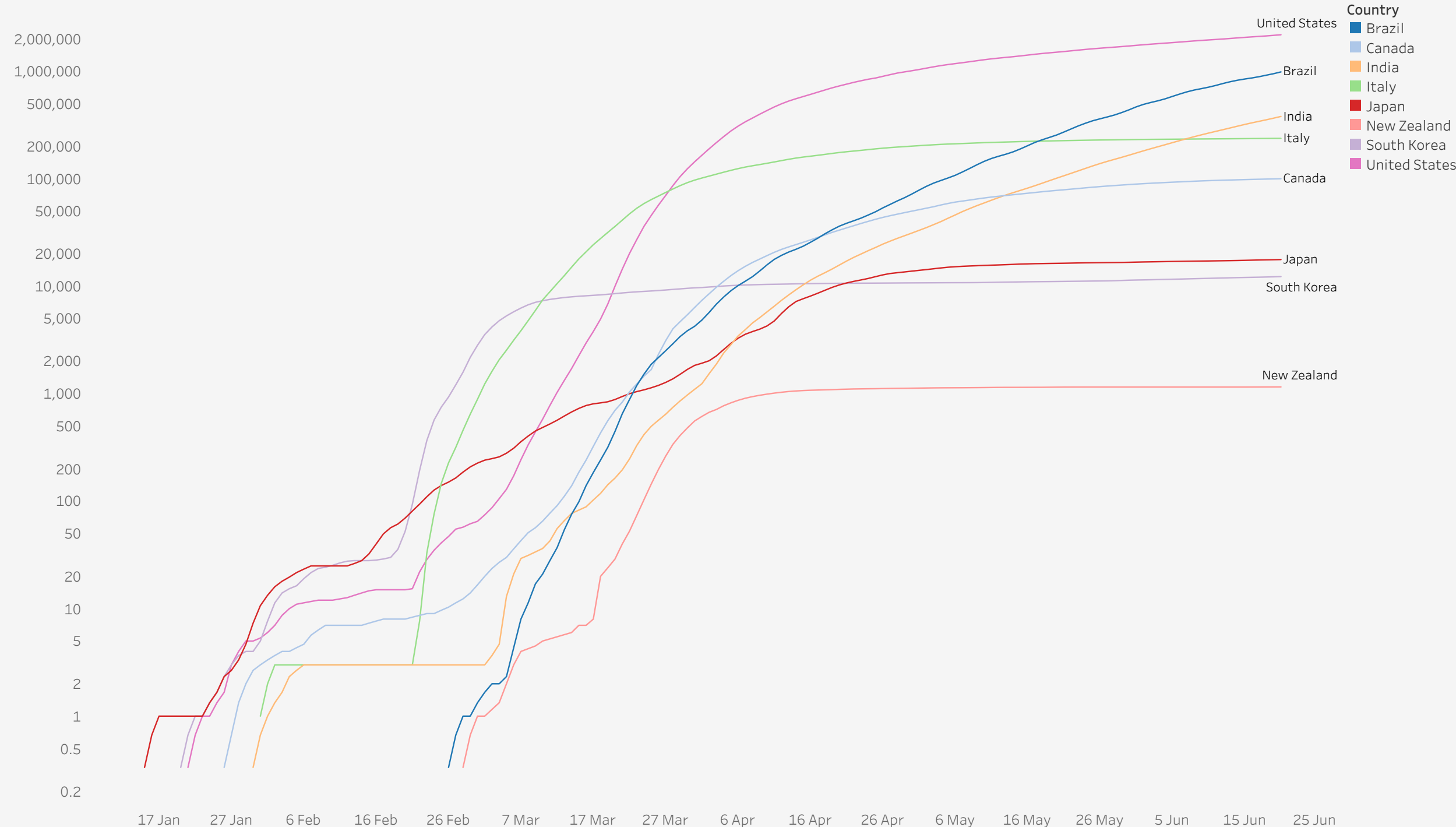
Total tests for COVID-19 per 1,000 people (for available data)

Source: National Government reports



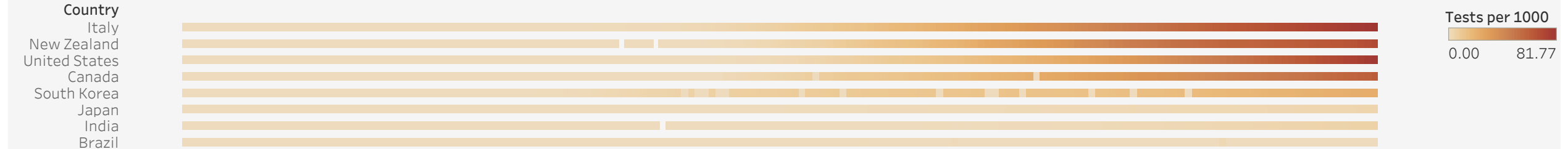
Map based on Longitude (generated) and Latitude (generated). Color shows sum of total\_tests\_per\_thousand. Details are shown for Country. The data is filtered on total\_tests\_per\_thousand, which includes values greater than or equal to 0.01. The view is filtered on Latitude (generated), Longitude (generated) and date Day. The Latitude (generated) filter keeps non-Null values only. The Longitude (generated) filter keeps non-Null values only. The date Day filter has multiple members selected.

Which country is flattening the curve?



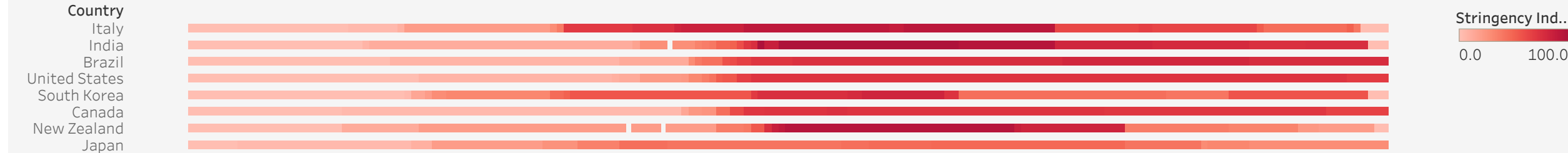
The trend of Moving Average of total\_cases for date Day. Color shows details about Country. The marks are labeled by Country. Details are shown for Country. The data is filtered on date, which includes dates on or before 2020-06-20. The view is filtered on Country and Moving Average of total\_cases. The Country filter keeps 8 of 212 members. The Moving Average of total\_cases filter includes values greater than or equal to 0.

## Tests per 1000



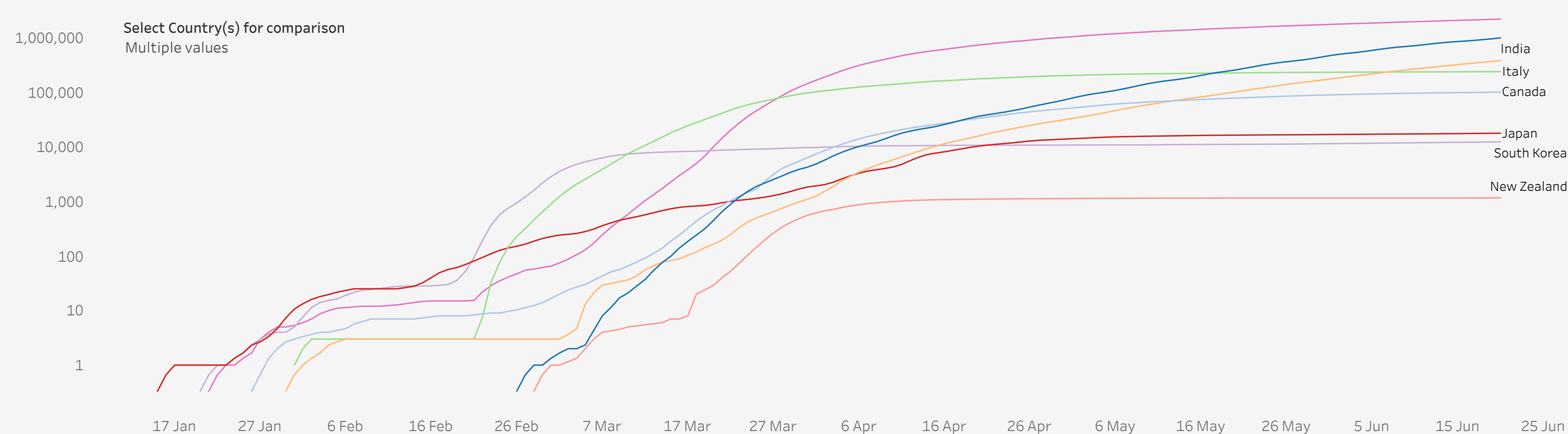
Date Day for each Country. Color shows sum of total\_tests\_per\_thousand. The data is filtered on Action (DAY(date),location), Action (DAY(date),Country) and date. The Action (DAY(date),location) filter keeps 26,329 members. The Action (DAY(date),Country) filter keeps 26,329 members. The date filter includes dates on or before 2020-06-20. The view is filtered on Country, which keeps 8 of 212 members.

# Stringency

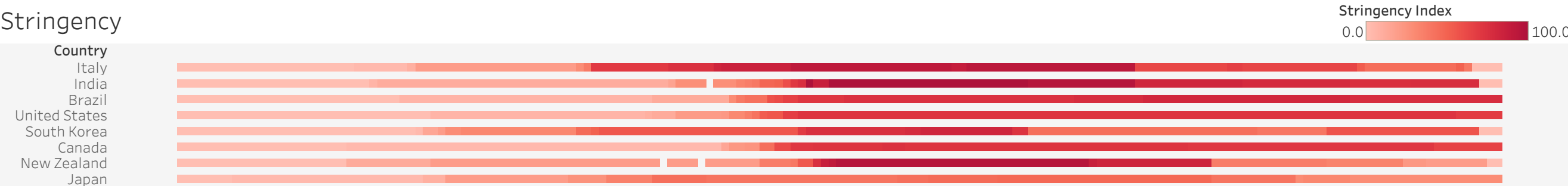


Date Day for each Country. Color shows sum of stringency\_index. The data is filtered on Action (DAY(date),location), Action (DAY(date),Country) and date. The Action (DAY(date),location) filter keeps 26,329 members. The Action (DAY(date),Country) filter keeps 26,329 members. The date filter includes dates on or before 2020-06-20. The view is filtered on Country, which keeps 8 of 212 members.

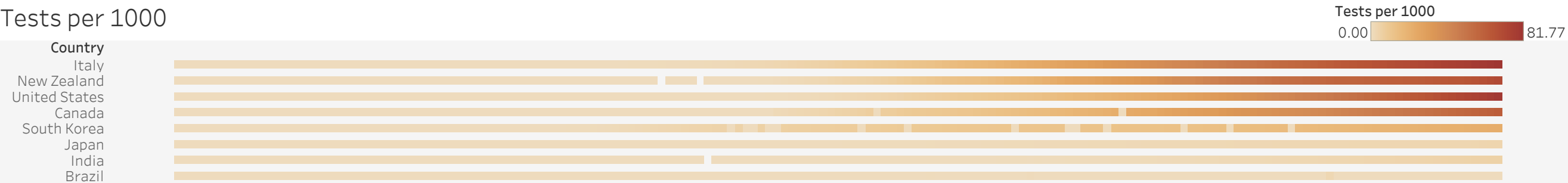
Which country is flattening the curve?



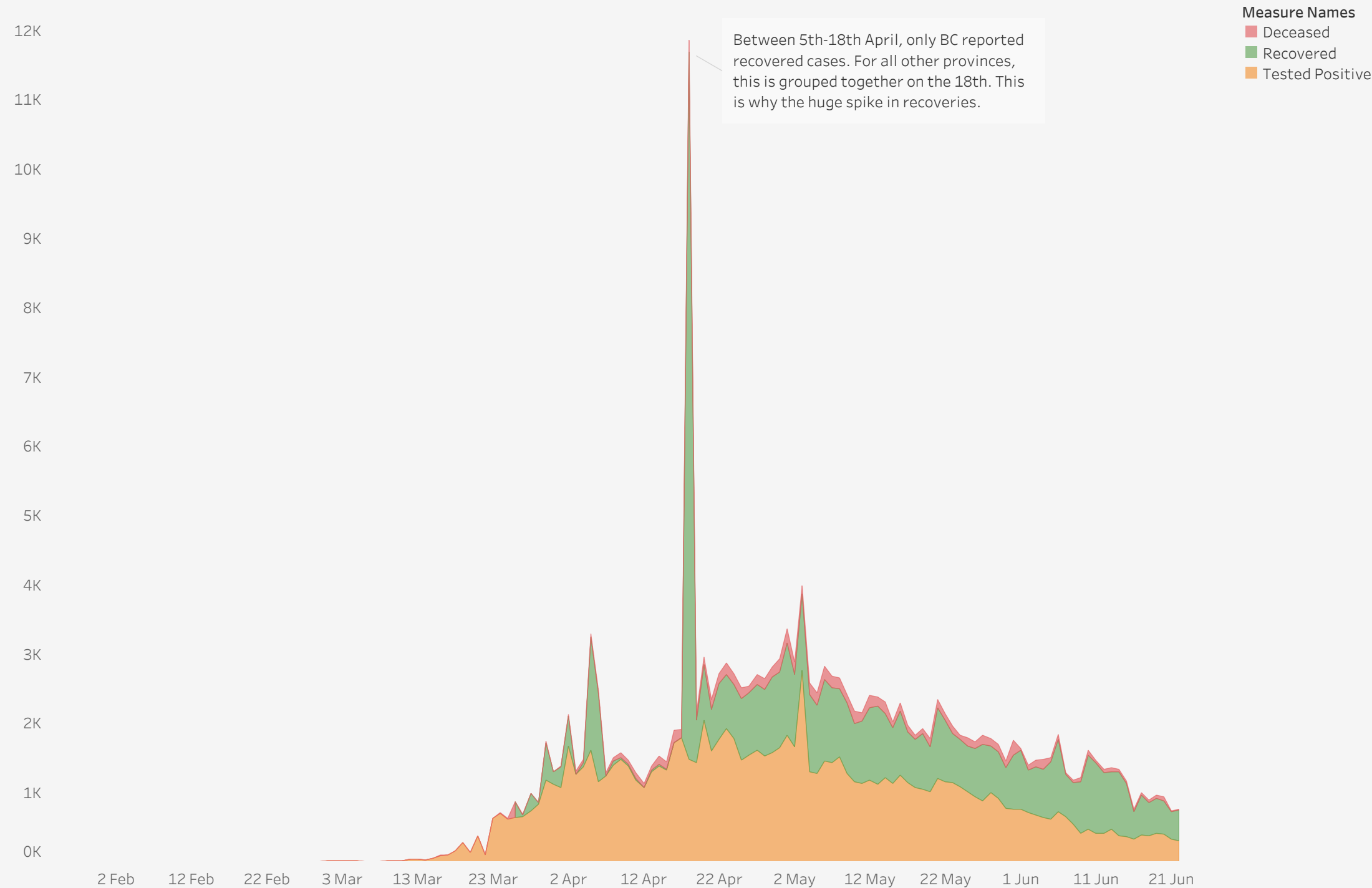
Stringency



Tests per 1000

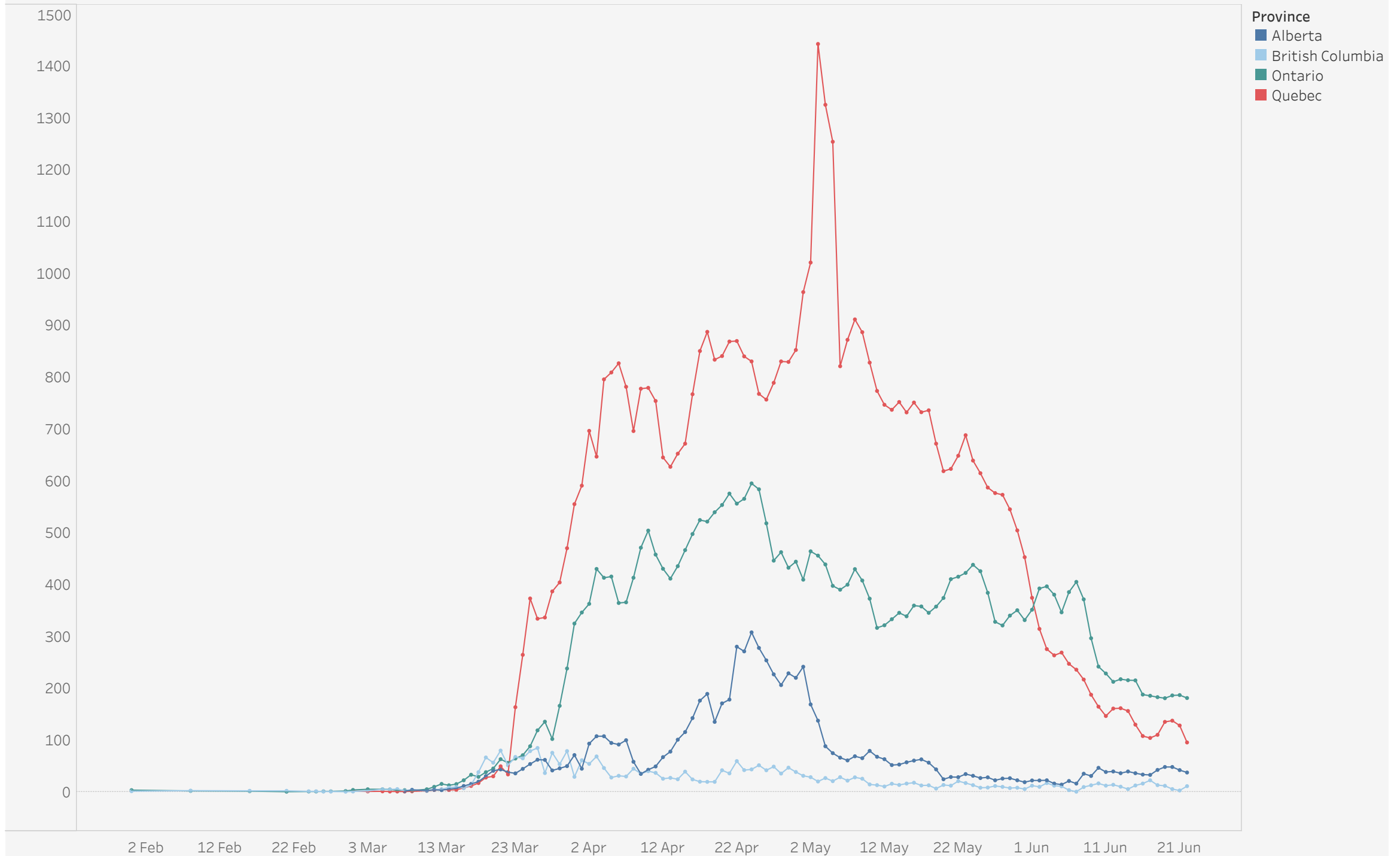


# COVID-19's progression in Canada



The plots of Deceased, Recovered and Tested Positive for Date Day. Color shows details about Deceased, Recovered and Tested Positive.

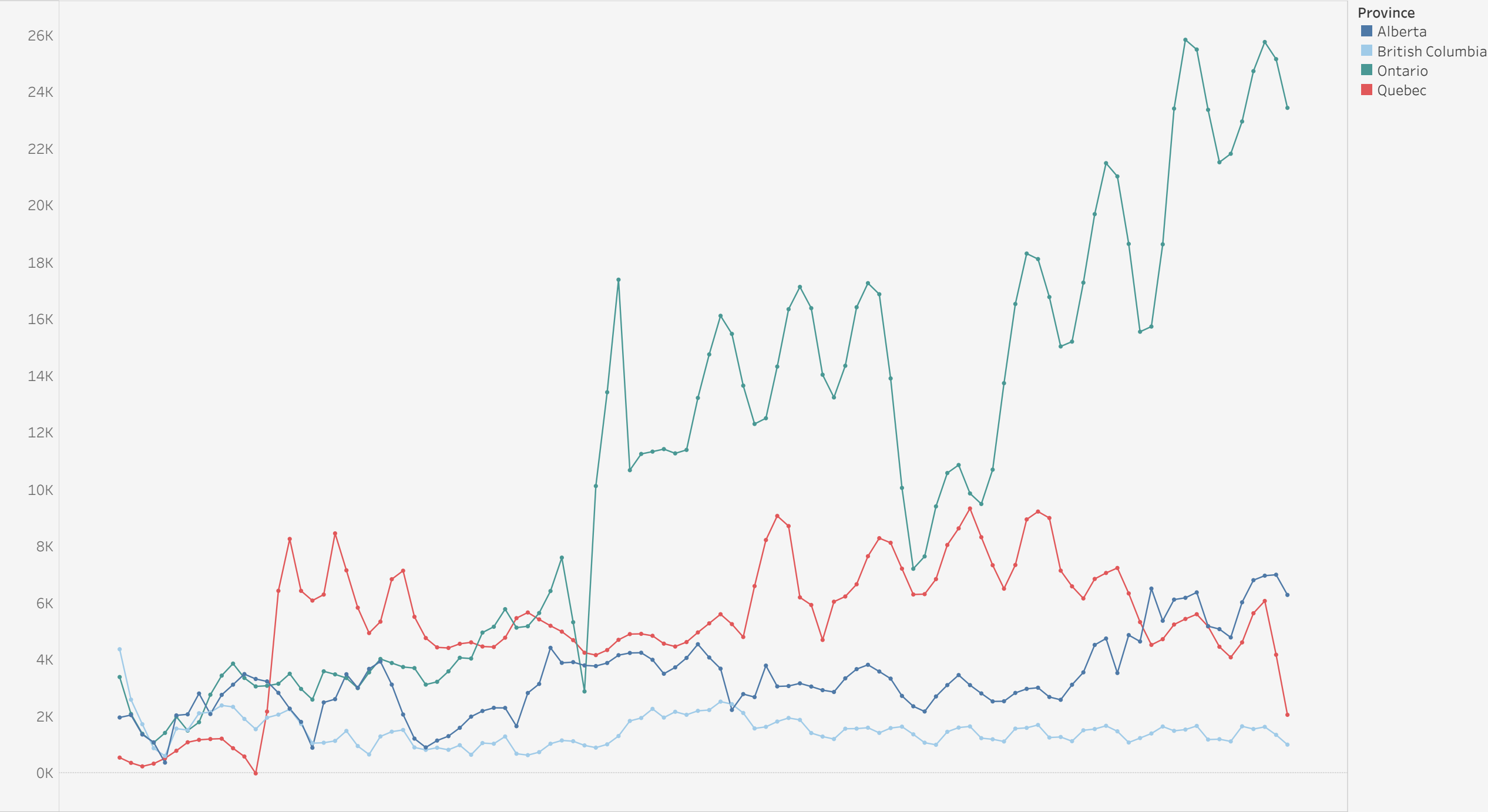
## 3-day moving average of daily cases



The trends of Moving Average of numtoday and Moving Average of numtoday for Date Day. Color shows details about Province. Details are shown for Province. The view is filtered on Province, which keeps Alberta, British Columbia, Ontario and Quebec.

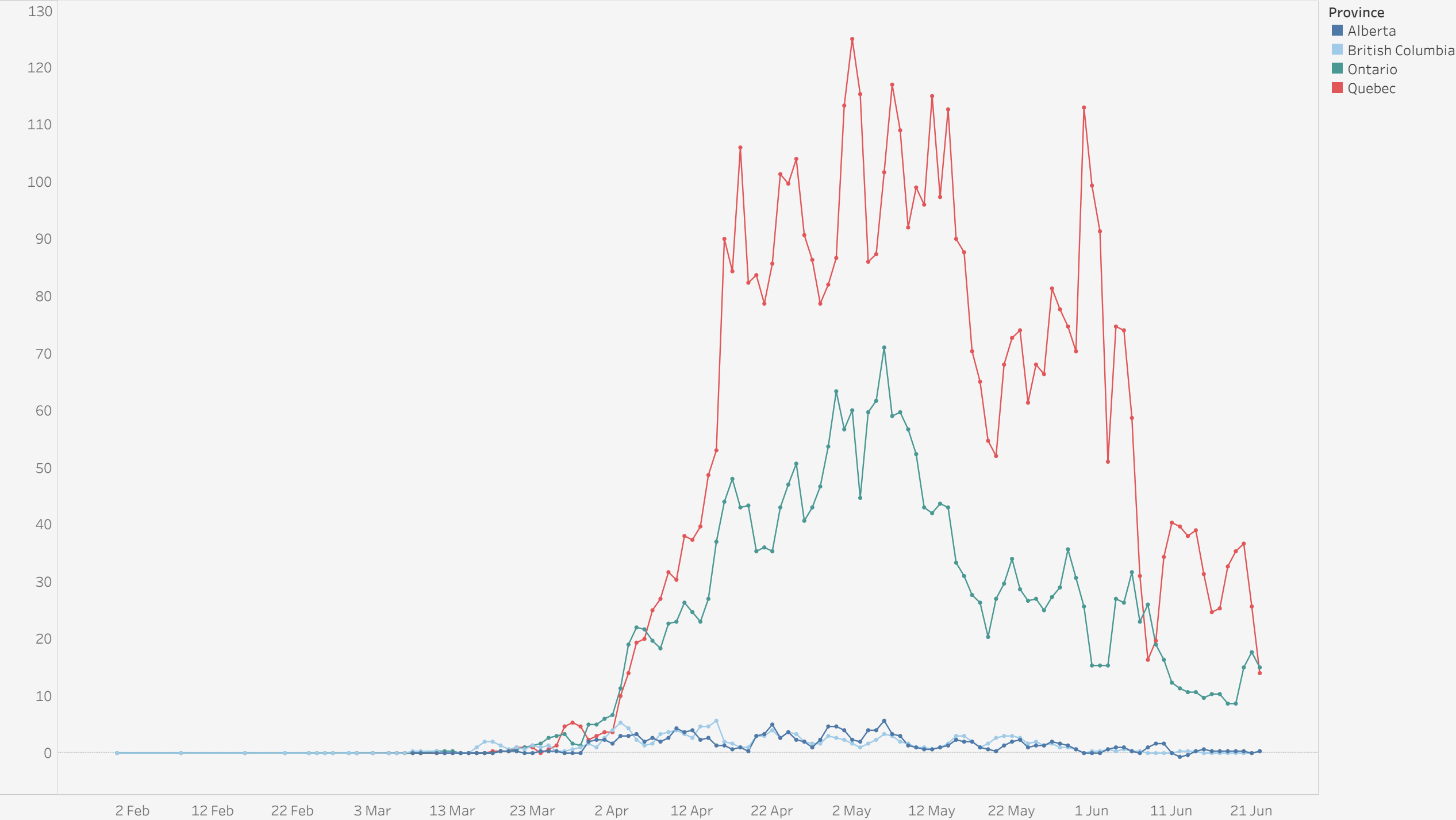


3-day moving average of daily tests



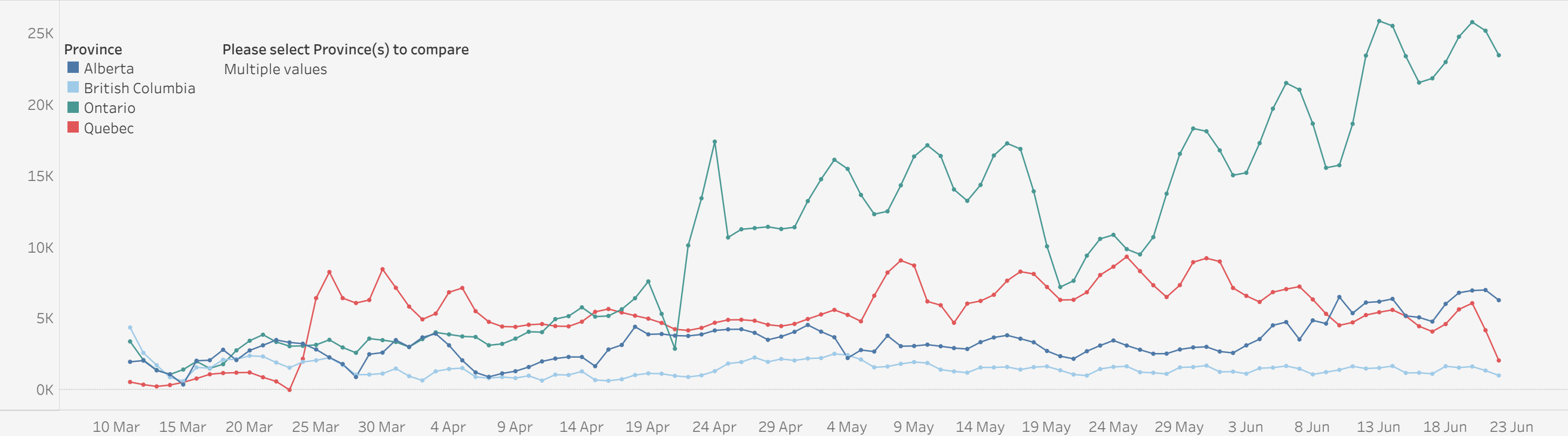
The trends of Moving Average of testedtoday and Moving Average of testedtoday for Date Day. Color shows details about Province. Details are shown for Province. The view is filtered on Province, which keeps Alberta, British Columbia, Ontario and Quebec.

3-day moving average of daily deaths

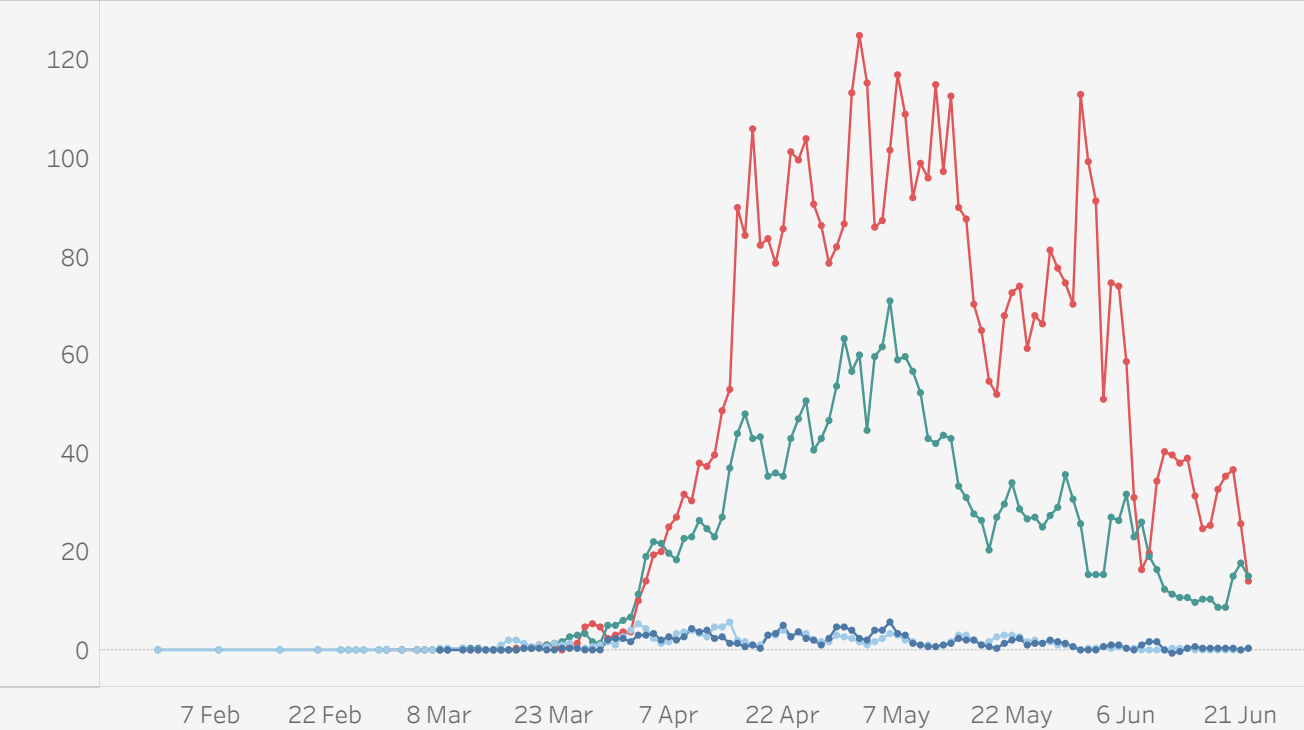


The trends of Moving Average of deathstoday and Moving Average of deathstoday for Date Day. Color shows details about Province. Details are shown for Province. The view is filtered on Province, which keeps Alberta, British Columbia, Ontario and Quebec.

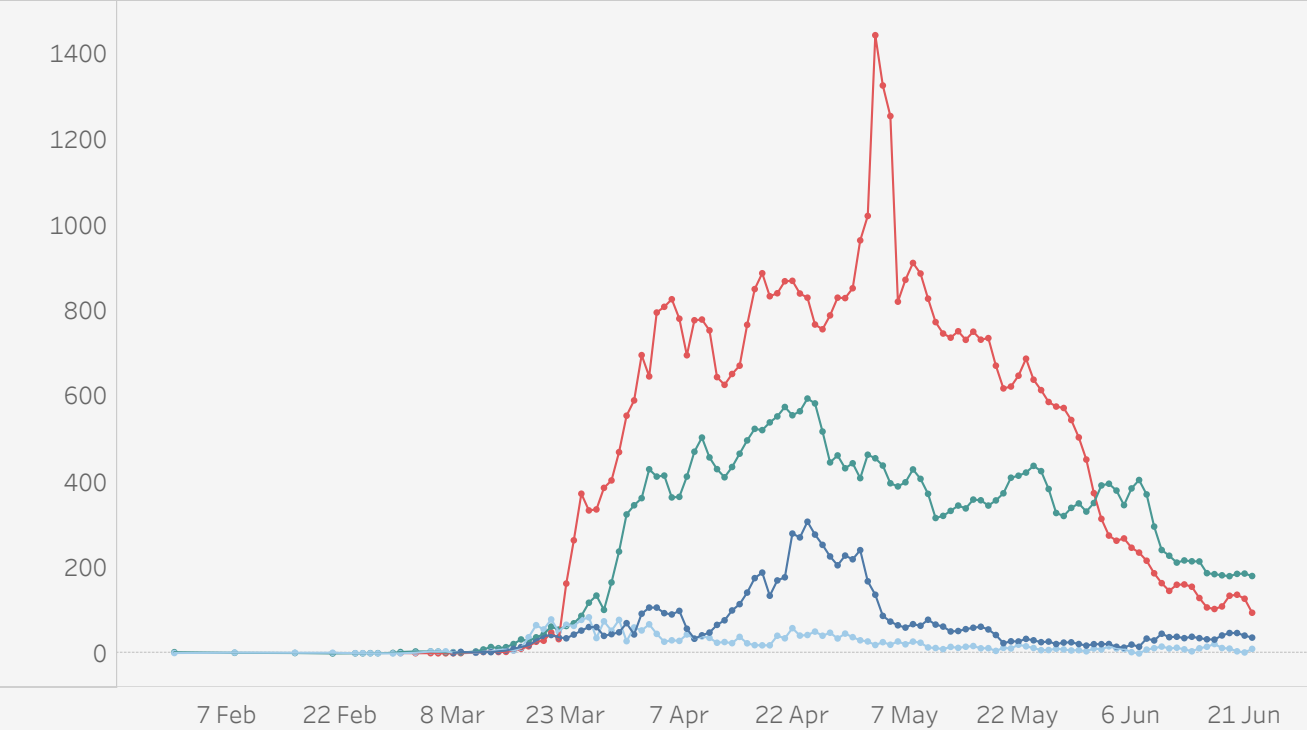
3-day moving average of daily tests



3-day moving average of daily deaths

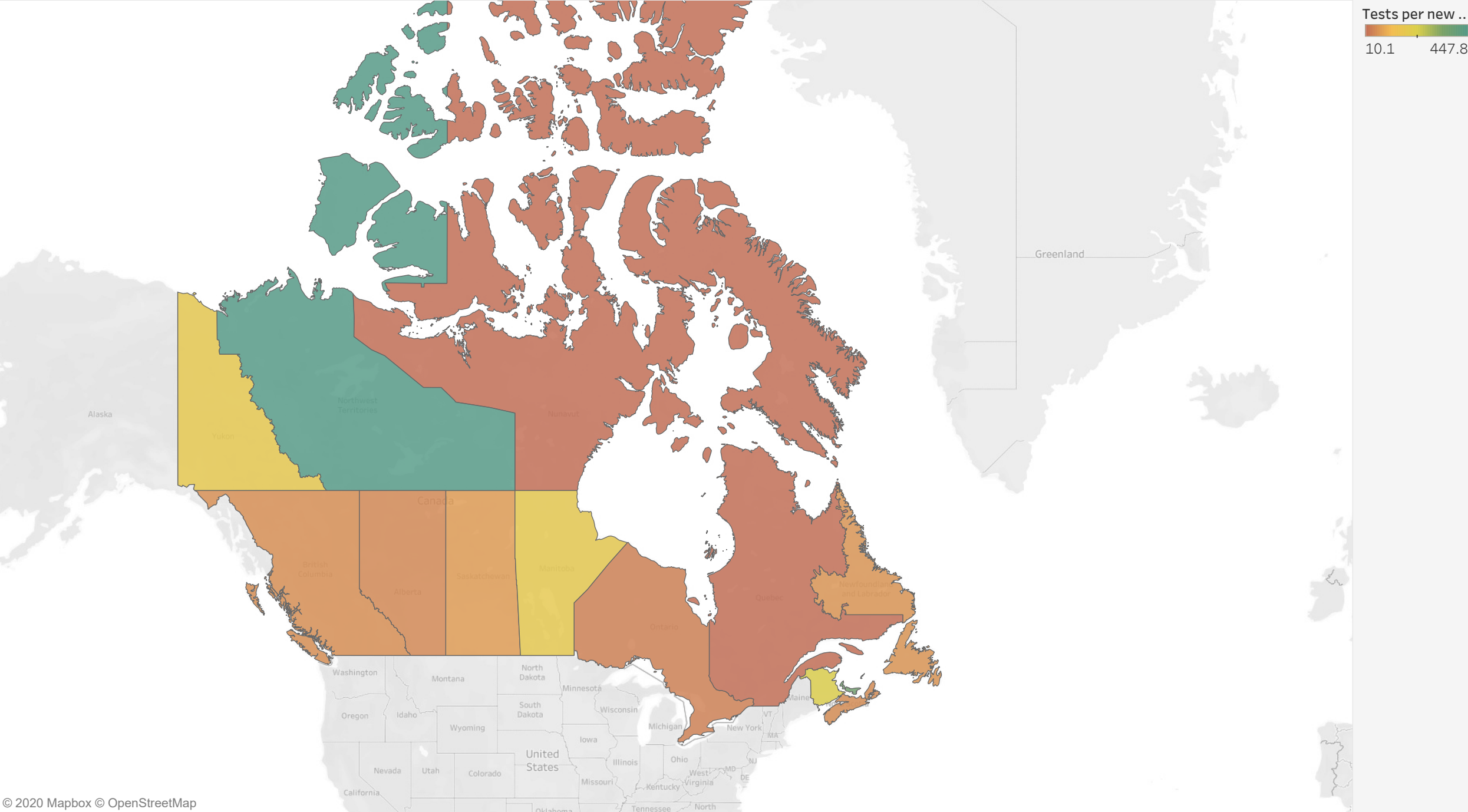


3-day moving average of daily cases



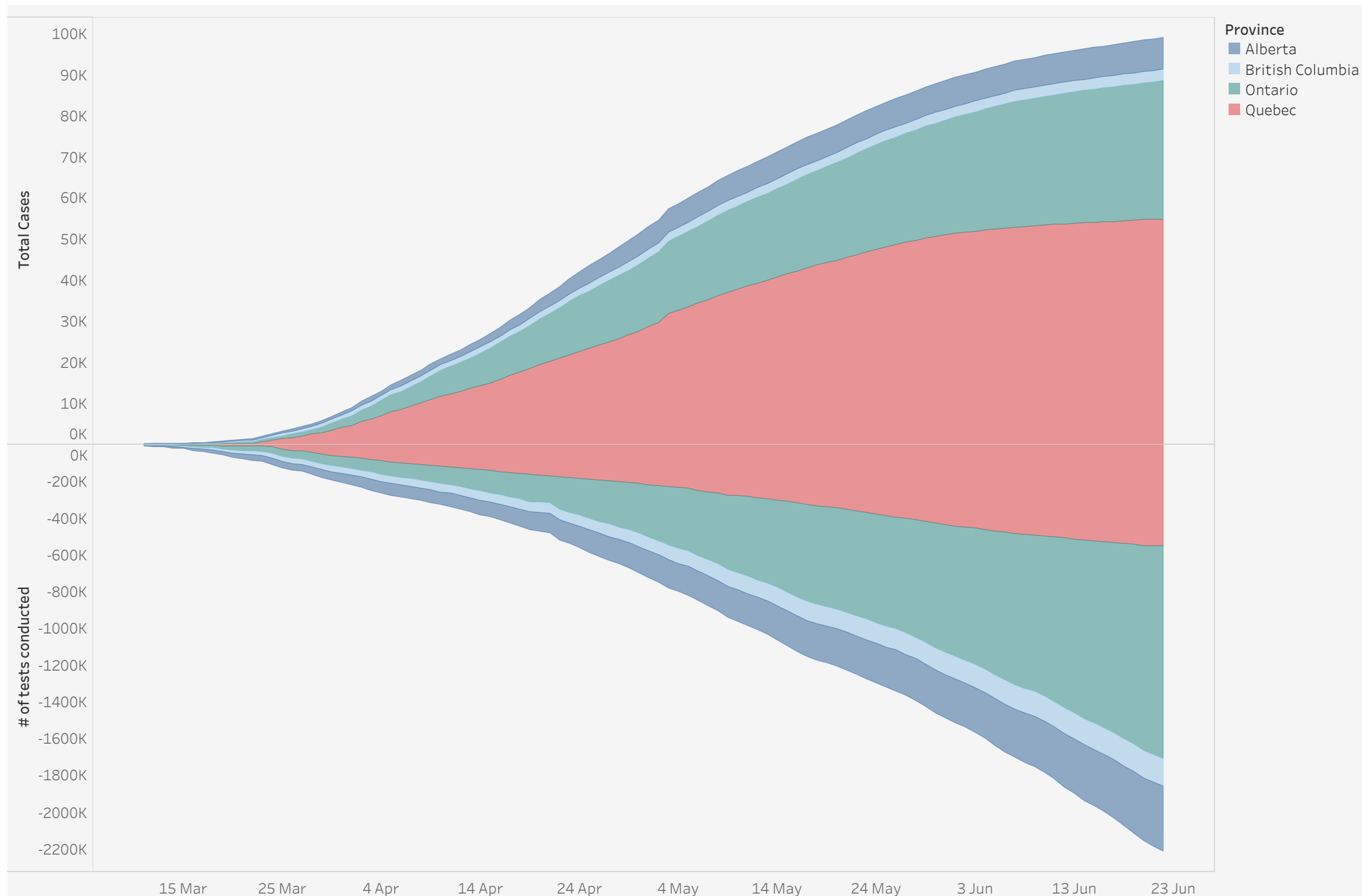
# How many tests to discover a single case?

WHO suggests that tests per confirmed case range between 10 - 30 tests as a general benchmark for adequate testing



© 2020 Mapbox © OpenStreetMap

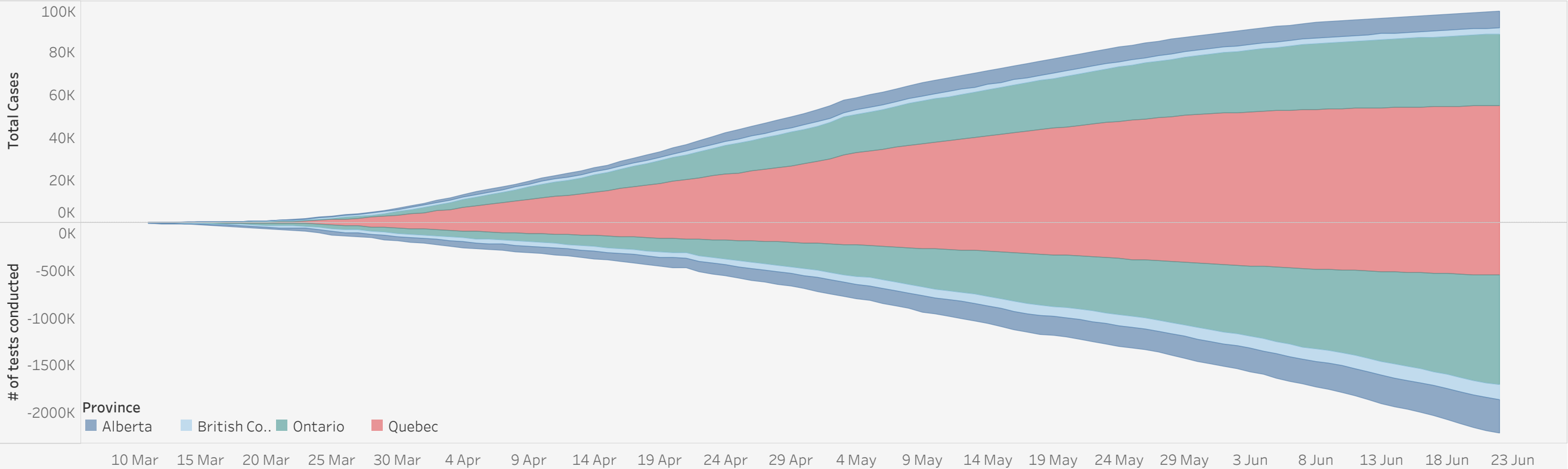
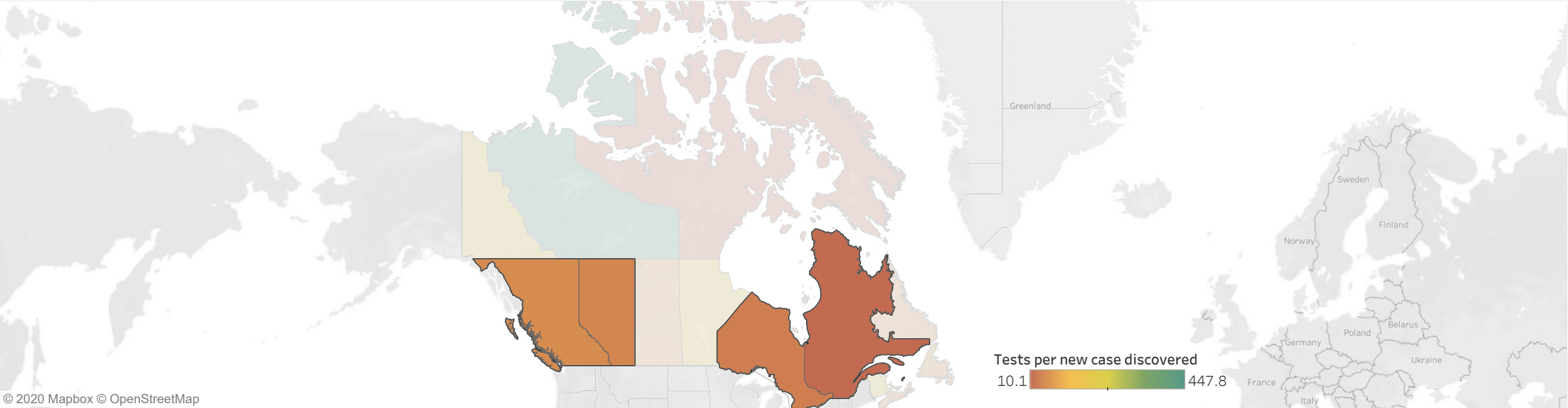
Map based on Longitude (generated) and Latitude (generated). Color shows Tests per new case discovered. Details are shown for Province. The view is filtered on Province, which keeps 13 of 13 members.



The plots of sum of Confirmed + Probable and -SUM([Tests Conducted]) for Date Day. Color shows details about Province. Details are shown for Province. The data is filtered on Action (Province), which keeps 4 members. The view is filtered on Province and -SUM([Tests Conducted]). The Province filter keeps 13 of 13 members. The -SUM([Tests Conducted]) filter keeps non-Null values only.

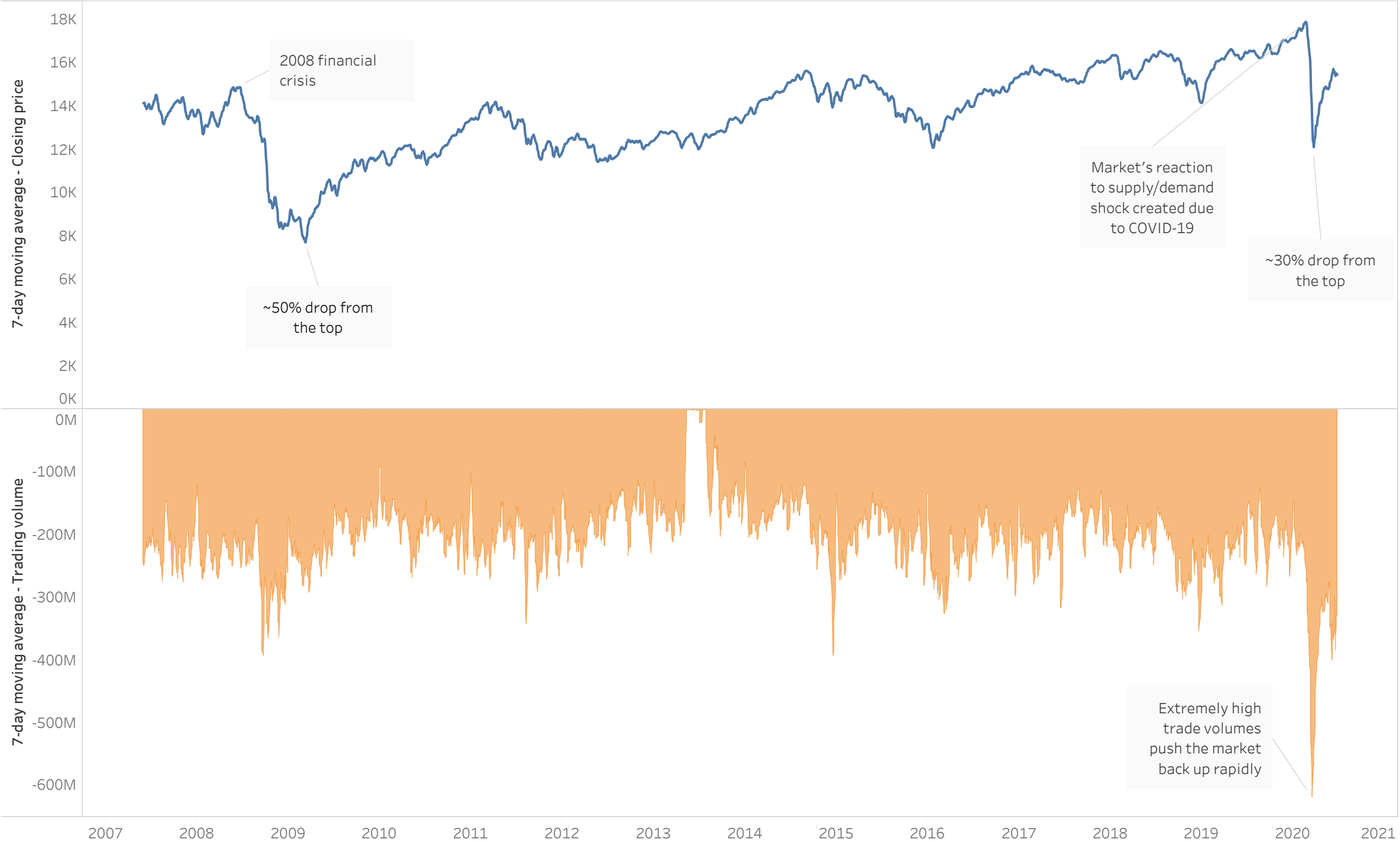
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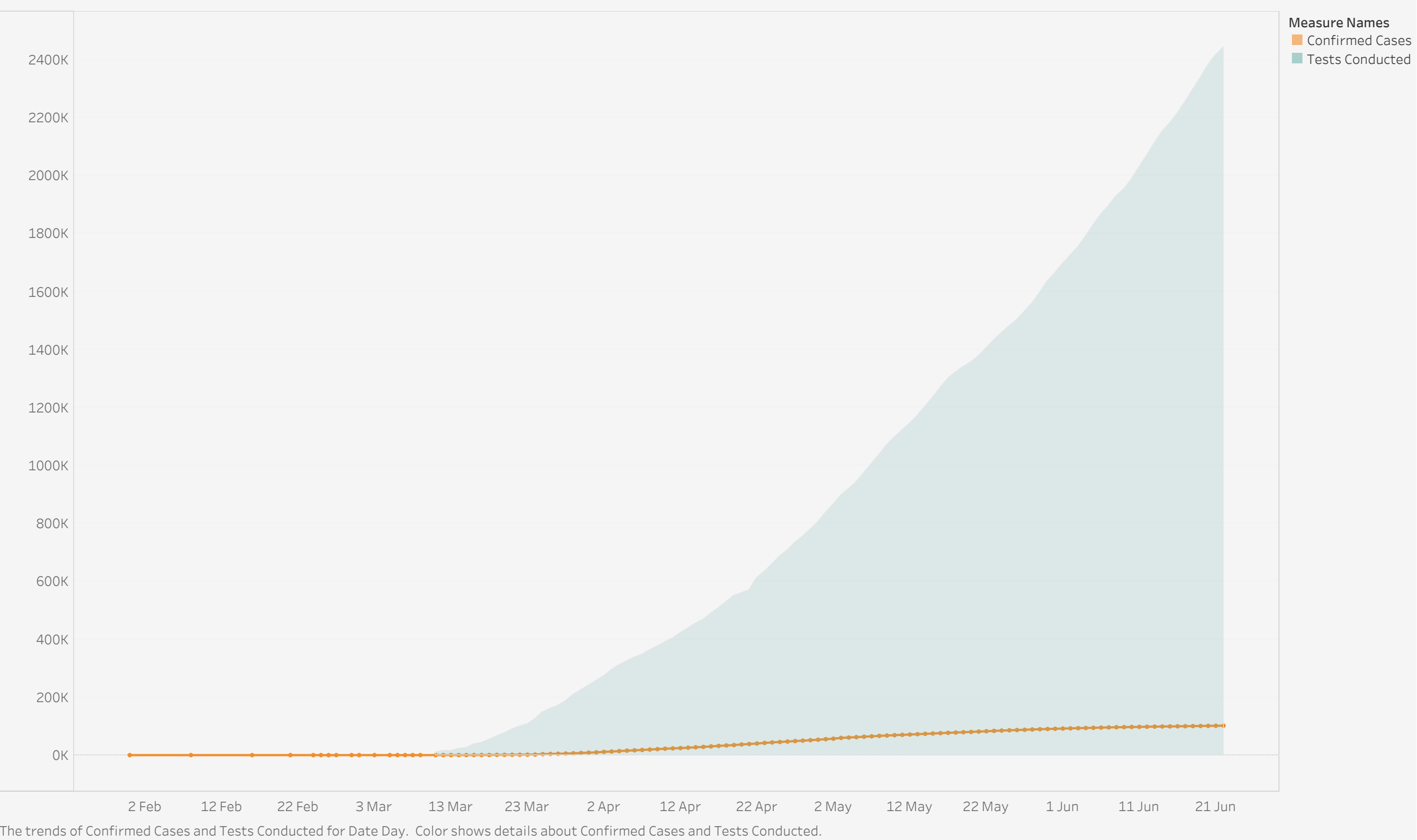


# S&P TSX Composite Index - Long snapshot

Source: Yahoo Finance



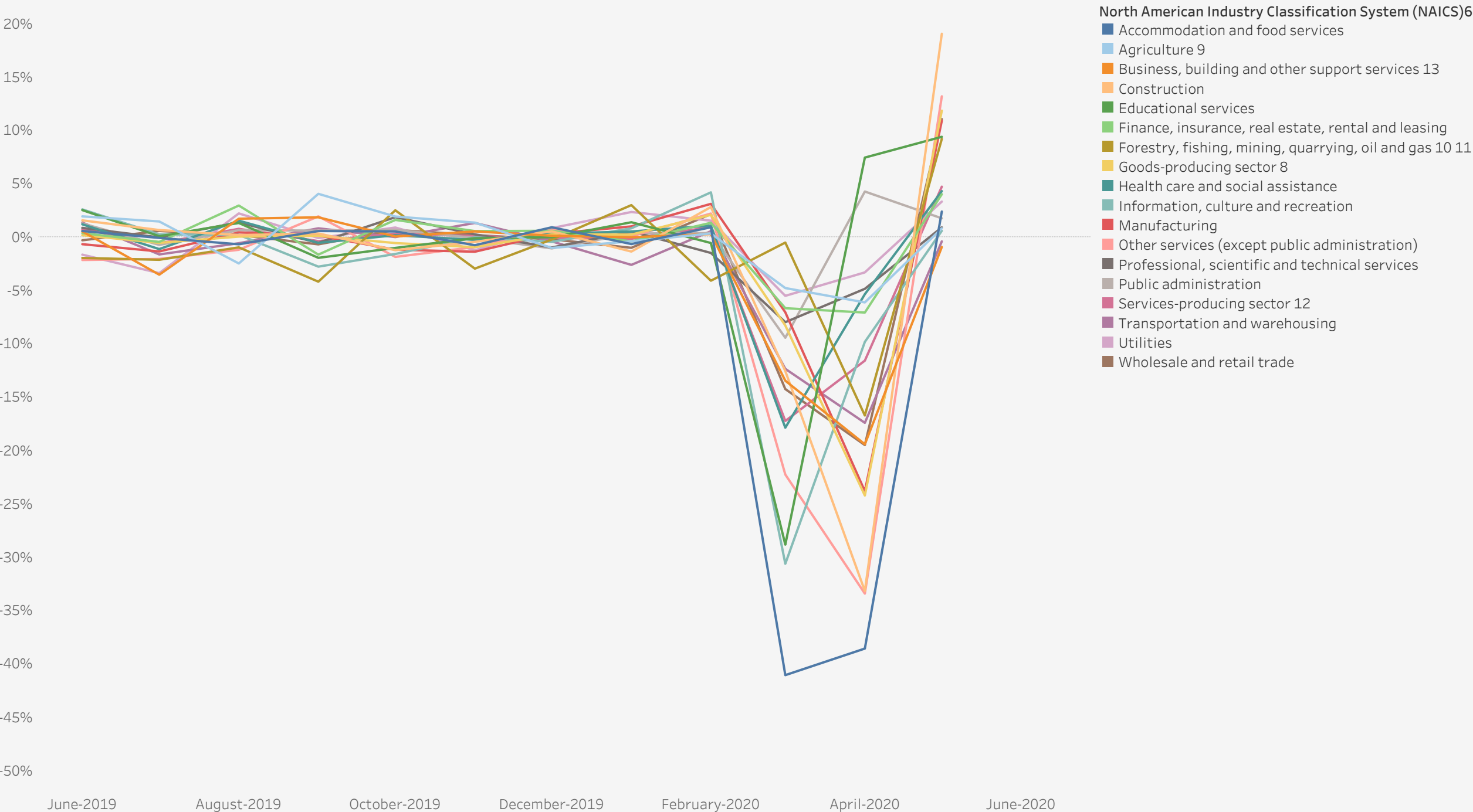
The trends of Moving Average of Close and WINDOW\_AVG(SUM(-[Volume]), -6, 0) for Date Day. The data is filtered on Date, which ranges from 2007-06-01 to 2020-06-26.





# % change in hours worked by industry

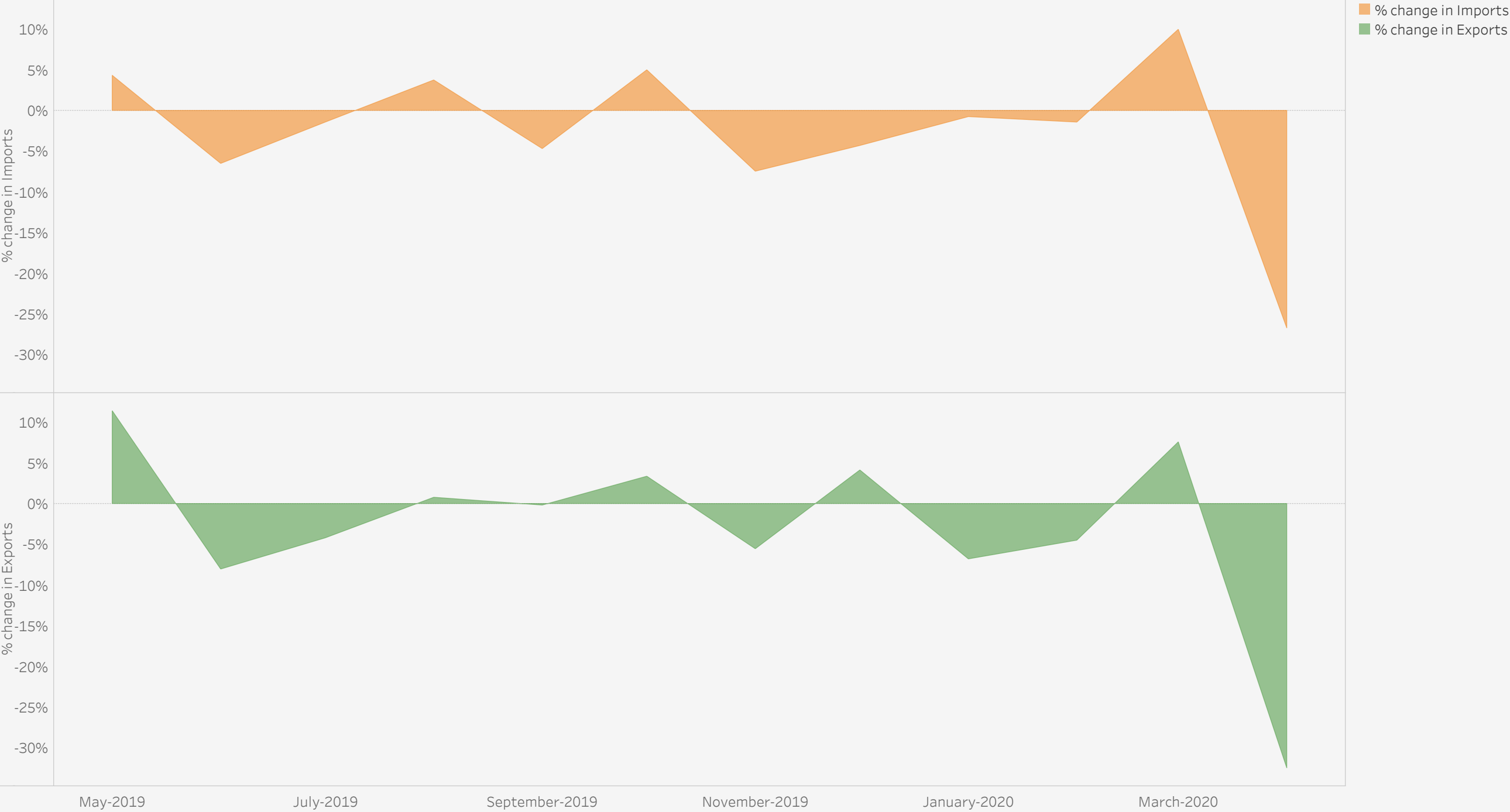
Source: Stats Canada



The trend of % Difference in Hours worked for Month Month. Color shows details about North American Industry Classification System (NAICS)6. The view is filtered on North American Industry Classification System (NAICS)6, which excludes Total actual hours worked, all industries 7.

# % change in Import/Export - month over month

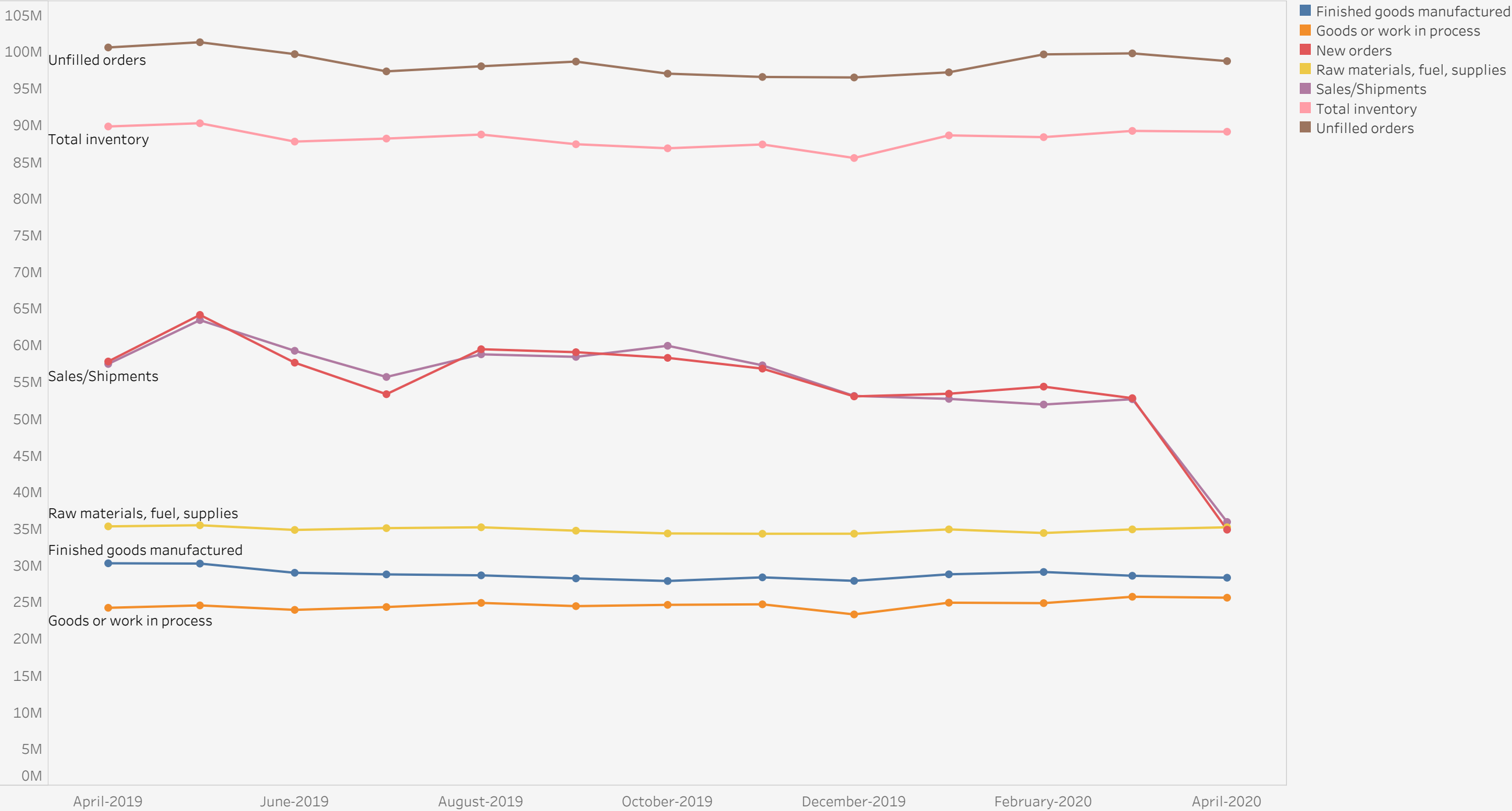
Source: Stats Canada



The plot of % Difference in Amount for Month Month broken down by Trade. Color shows details about Trade. Details are shown for Trade.

# Change in manufacturing

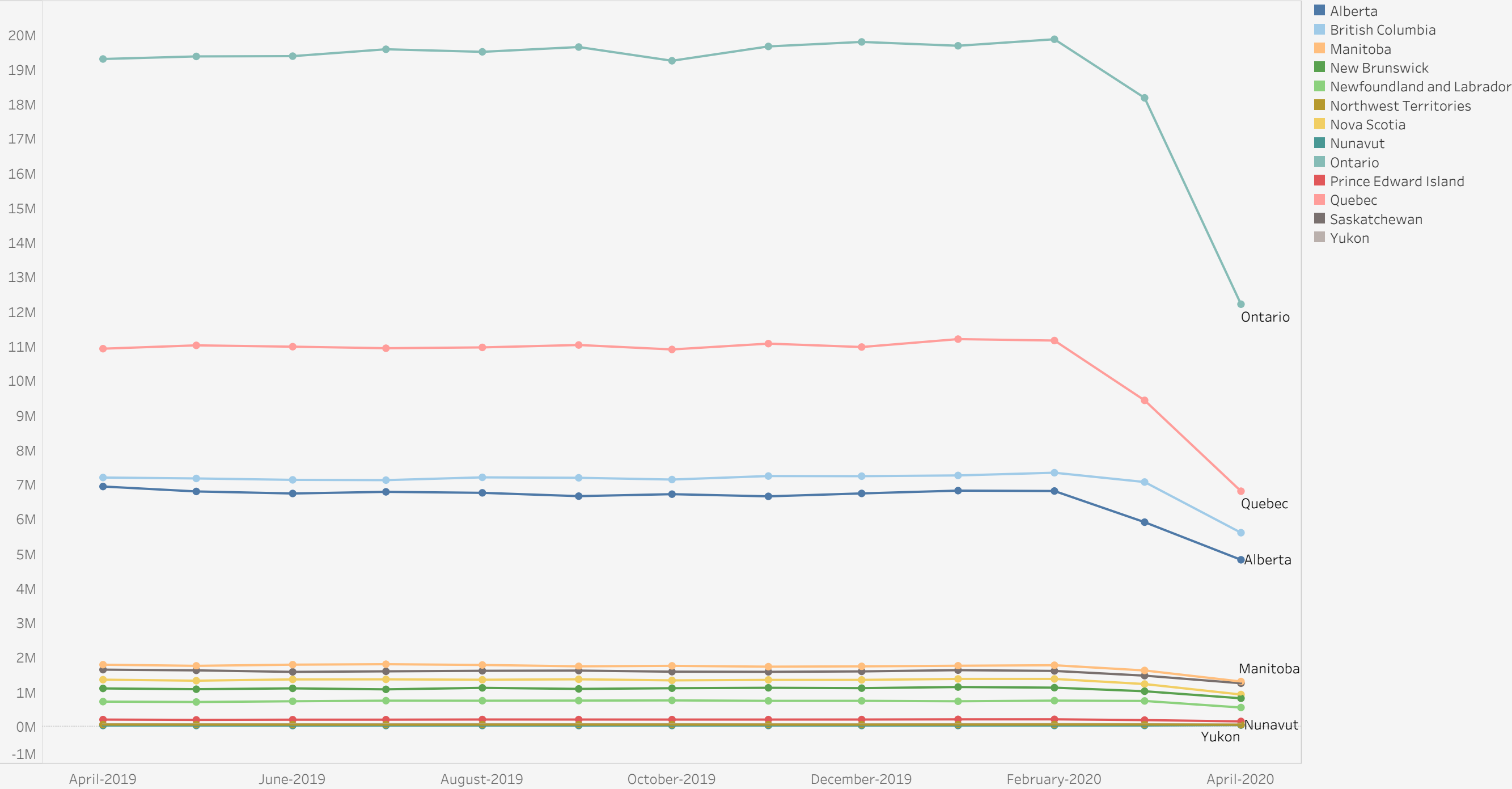
Source: Stats Canada



The trends of sum of \$\$ or ratio and sum of \$\$ or ratio for Month Month. Color shows details about Principal statistics. The marks are labeled by Principal statistics. Details are shown for Principal statistics. The view is filtered on Principal statistics, which has multiple members selected.

# Change in provincial retail sales

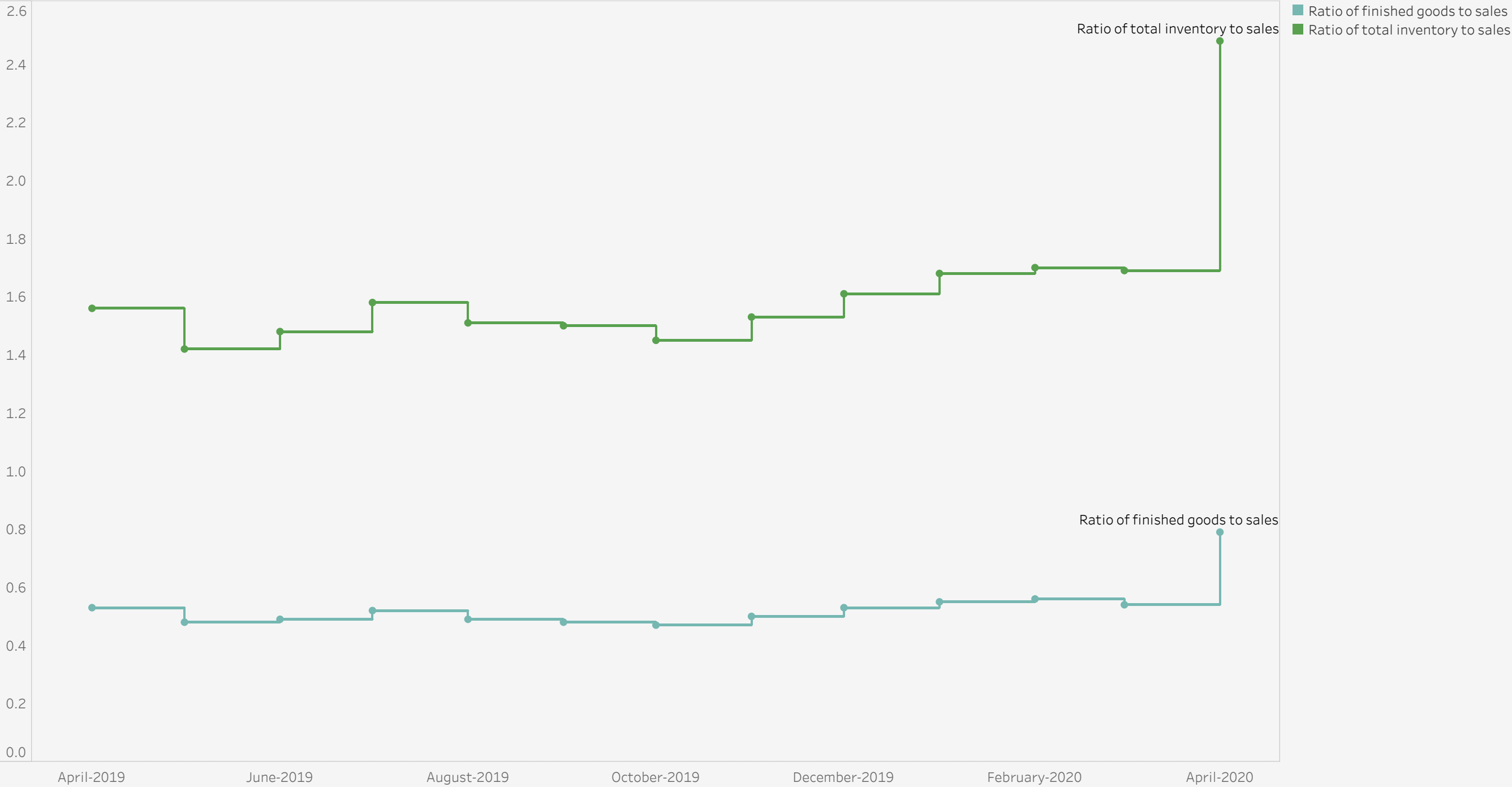
Source: Stats Canada



The trends of sum of Retail Sales and sum of Retail Sales for Month Month. Color shows details about Geography. Details are shown for Geography. The view is filtered on Geography, which has multiple members selected.

# Inventory ratios

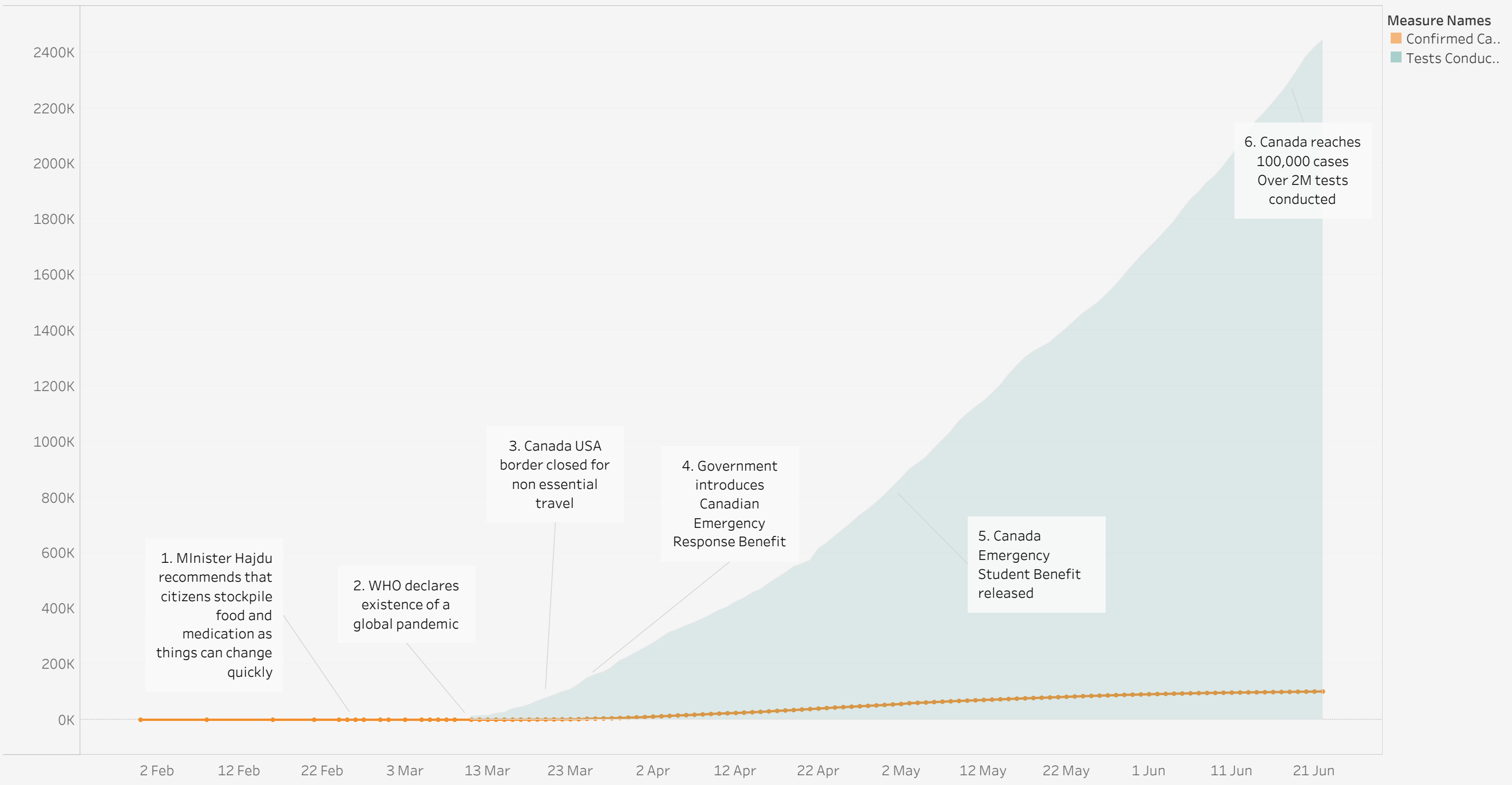
Source: Stats Canada



The trends of sum of \$\$ or ratio and sum of \$\$ or ratio for Month Month. Color shows details about Principal statistics. Details are shown for Principal statistics. For pane Sum of \$\$ or ratio: The marks are labeled by Principal statistics. The view is filtered on Principal statistics, which keeps Ratio of finished goods to sales and Ratio of total inventory to sales.

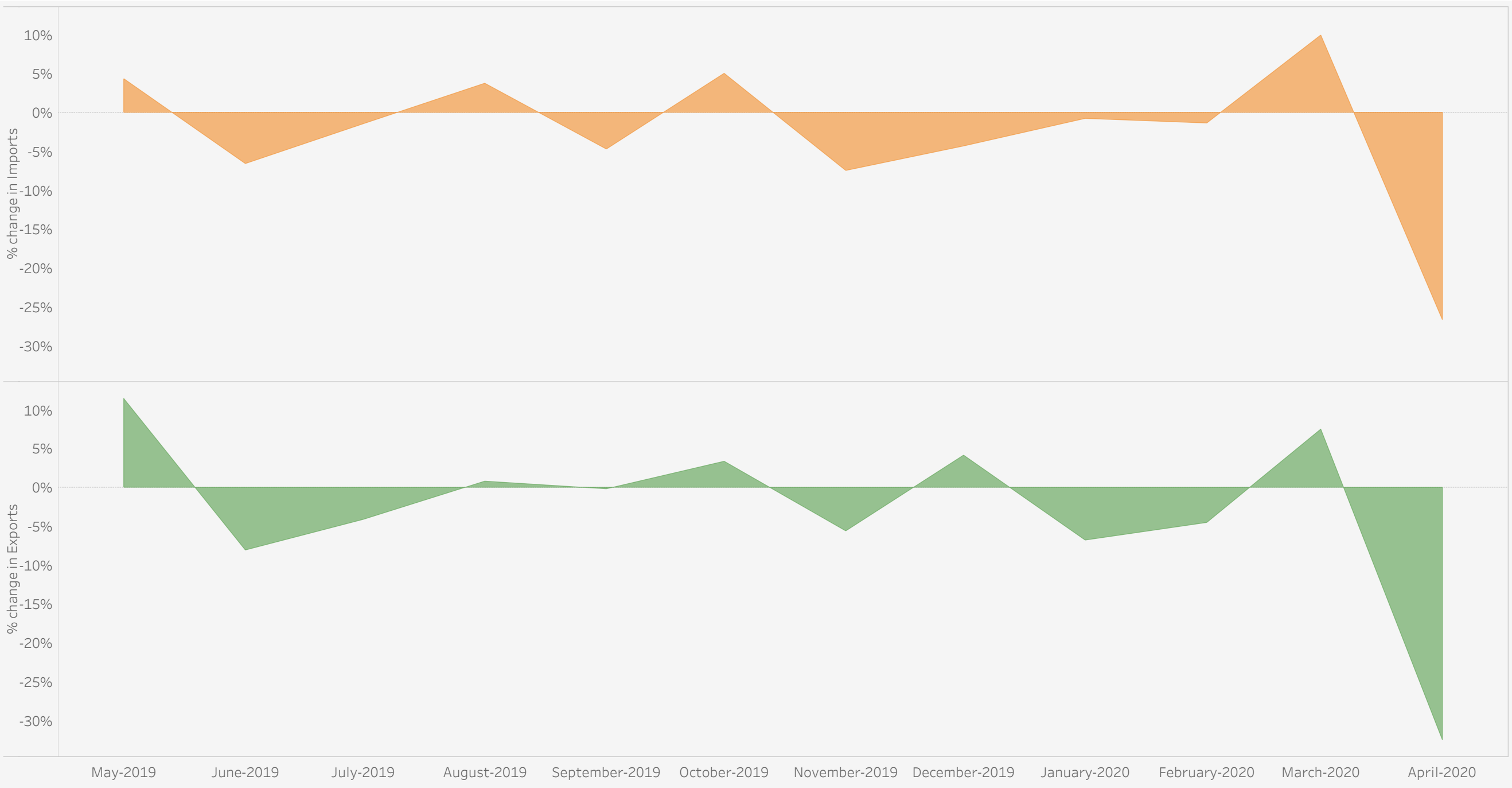
# Economic impact of COVID-19 - employment hours, retail & manufacturing

Progression of COVID-19 in Canada and government's response	More than just a cyclical drop in imports and exports	% change in number of hours worked by industry	Drastic drop in retail sales across Ontario, Quebec, BC and Alberta.	Sales/shipments/new orders see a huge drop	Inventory ratios go through the roof!
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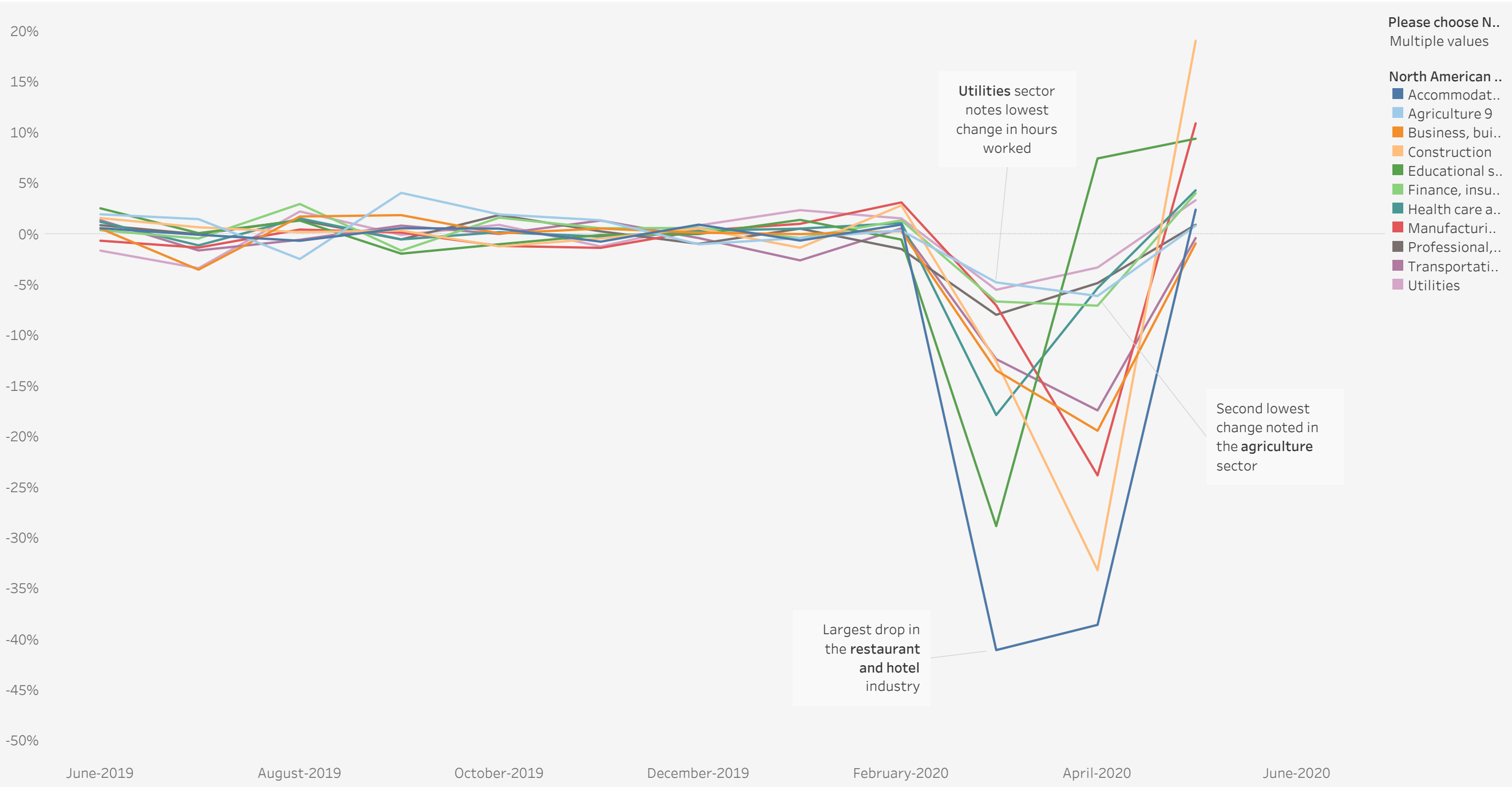
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## Economic impact of COVID-19 - employment hours, retail & manufacturing

## Progression of COVID-19 in Canada and government's response

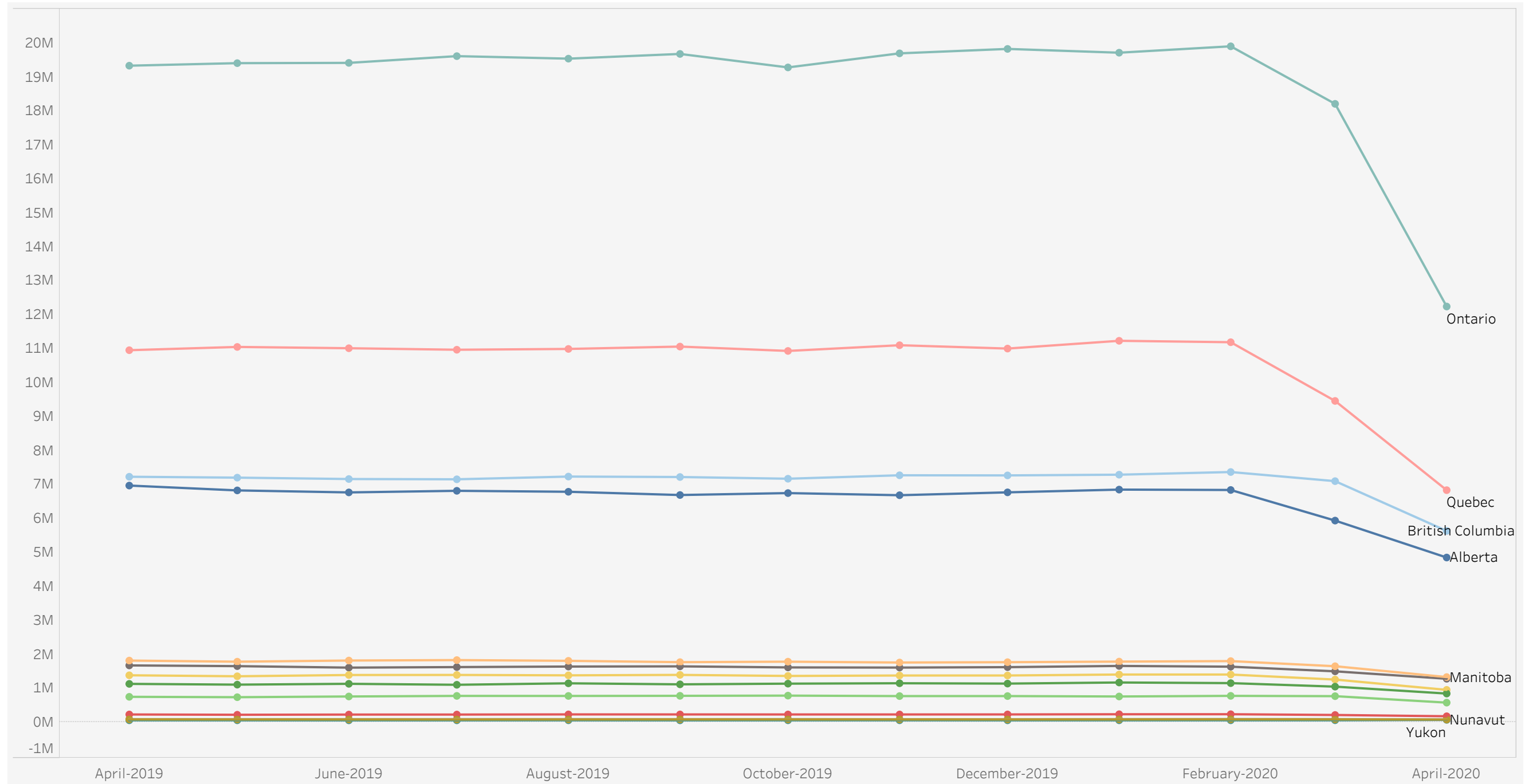
More than just a cyclical drop in imports and exports

% change in number of  
hours worked by industry

Drastic drop in retail sales  
across Ontario, Quebec,  
BC and Alberta.

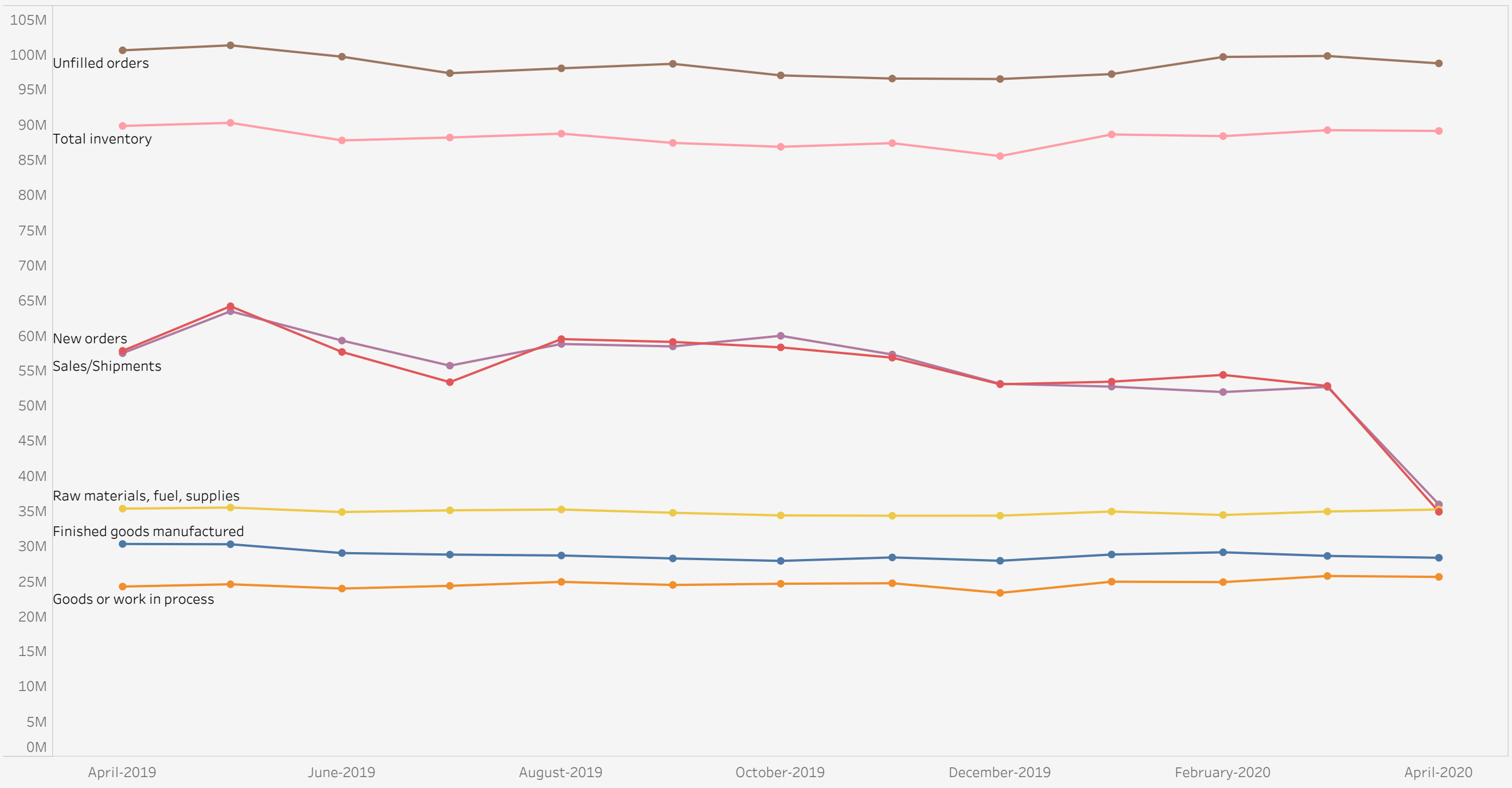
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