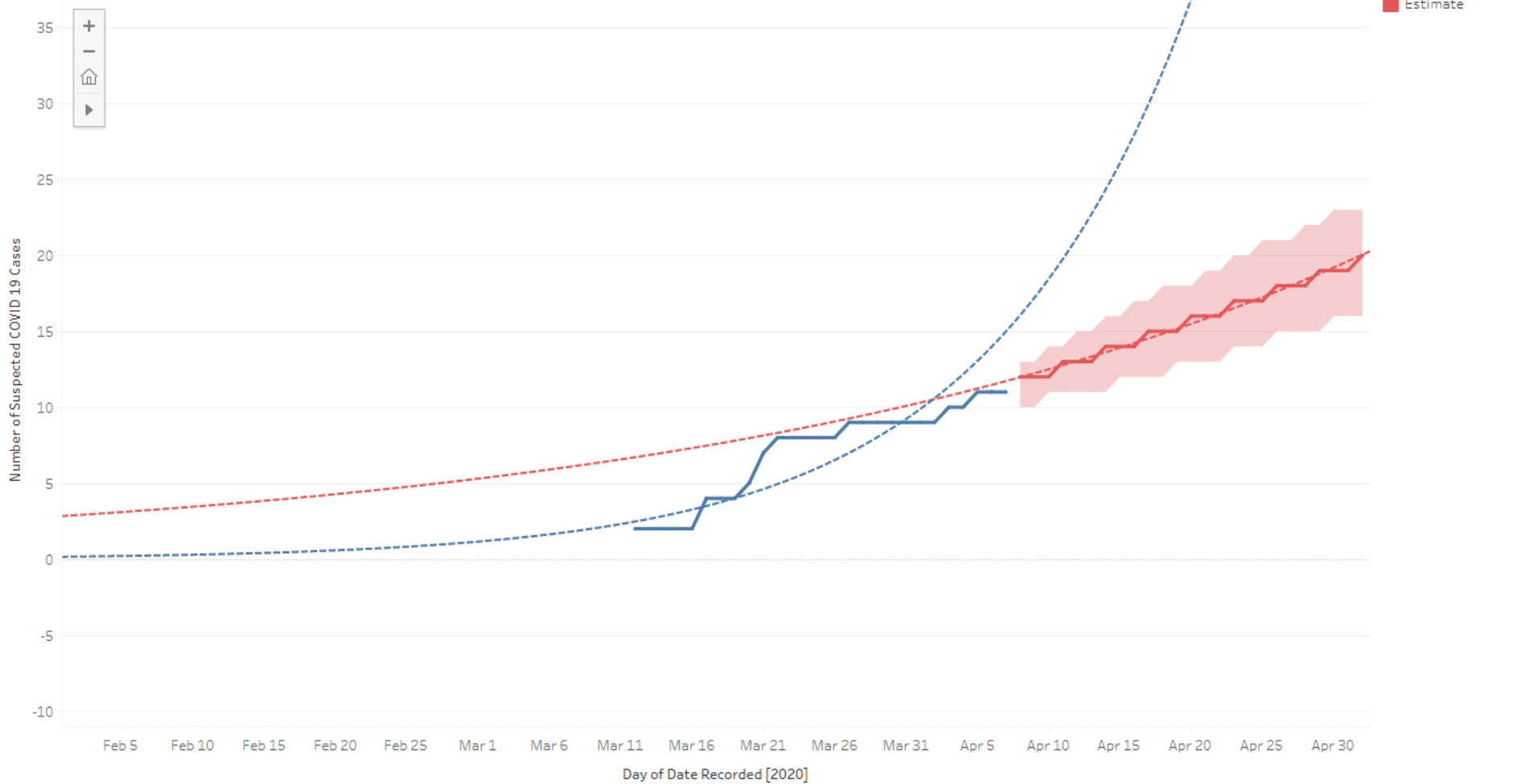




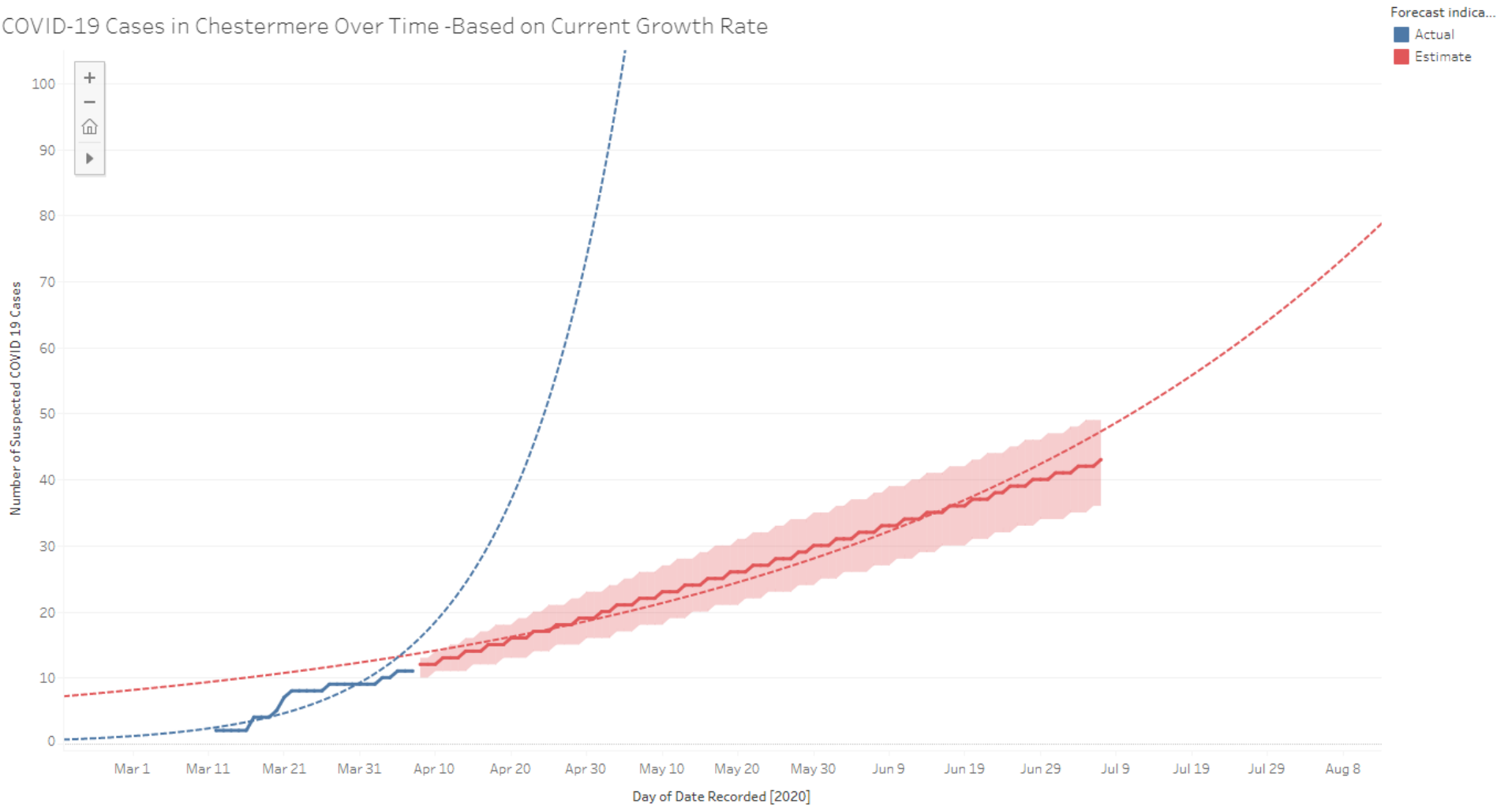
COVID-19 Cases in Chestermere - Short term Forecast *(Based on Current Growth Rate)*



Currently using Chestermere COVID-19 source data from March 12, 2020 to April 7 to create a forecast through to May 2.

The blue dotted line is model of exponential growth. If no actions were taken to contain the spread of COVID-19, the results would be disastrous for the community. The solid blue line shows the time frame of actual COVID-19 cases in Chestermere. Based on Chestermere's current infection rate the solid red line projects a couple months into the future. The dashed red line shows the current trend and trajectory based on today's case counts.

COVID-19 Cases in Chestermere Over Time -Based on Current Growth Rate



Currently using Chestermere COVID-19 source data from March 12, 2020 to April 7 to create a forecast through to July 7 2020.

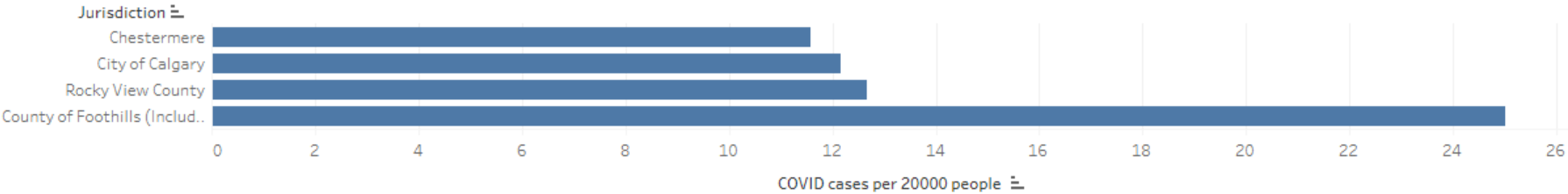
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Regional Comparison

COVID-19 Cases Comparison per 20,000 people

Jurisdiction	COVID-19 Cases per 20,000 people
Chestermere	11.57
City of Calgary	12.17
Rocky View County	12.68
County of Foothills (Includes Okotoks, High River, Black Diamond & Turner Valley)	25.00

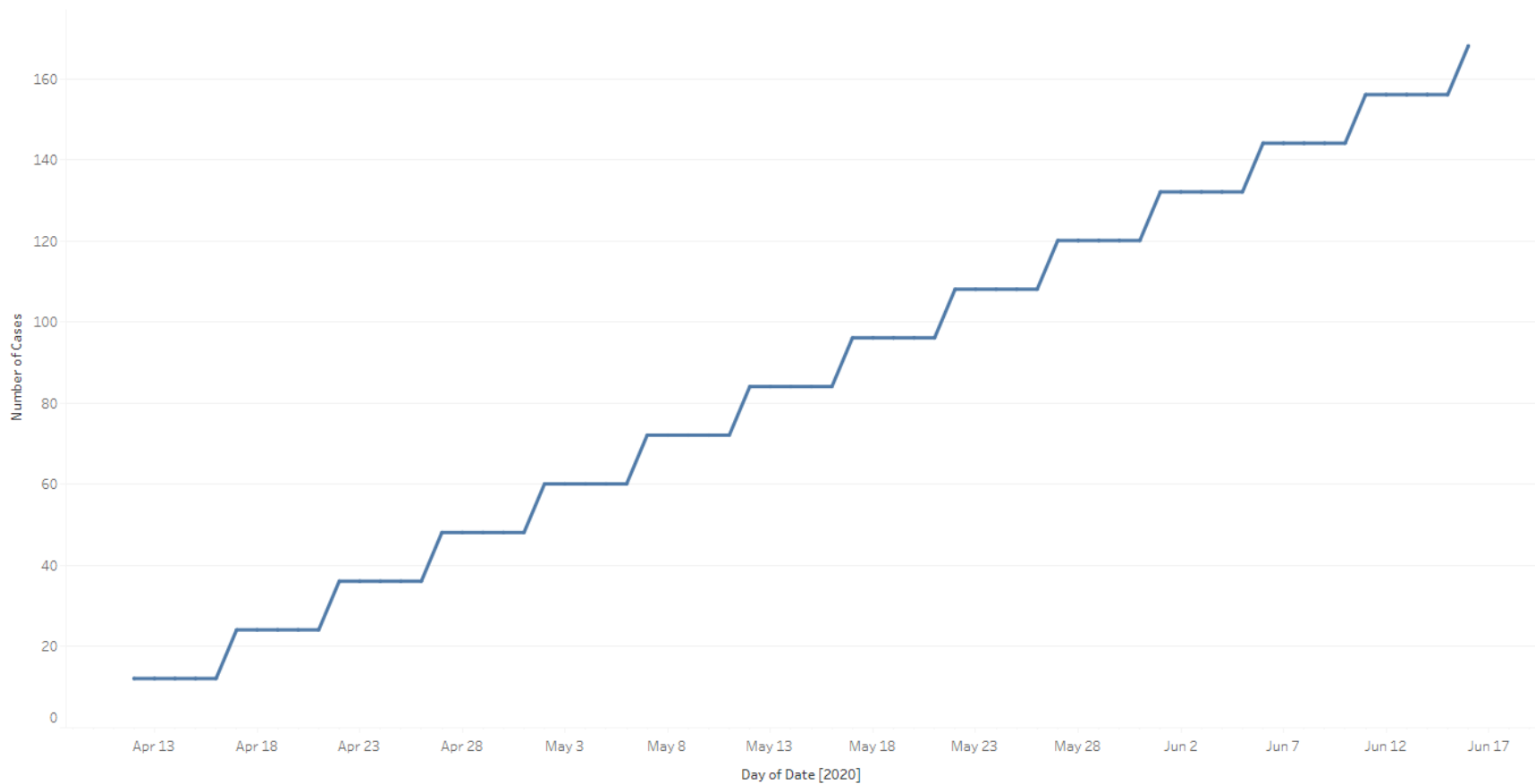
COVID-19 Cases Comparison per 20,000 people



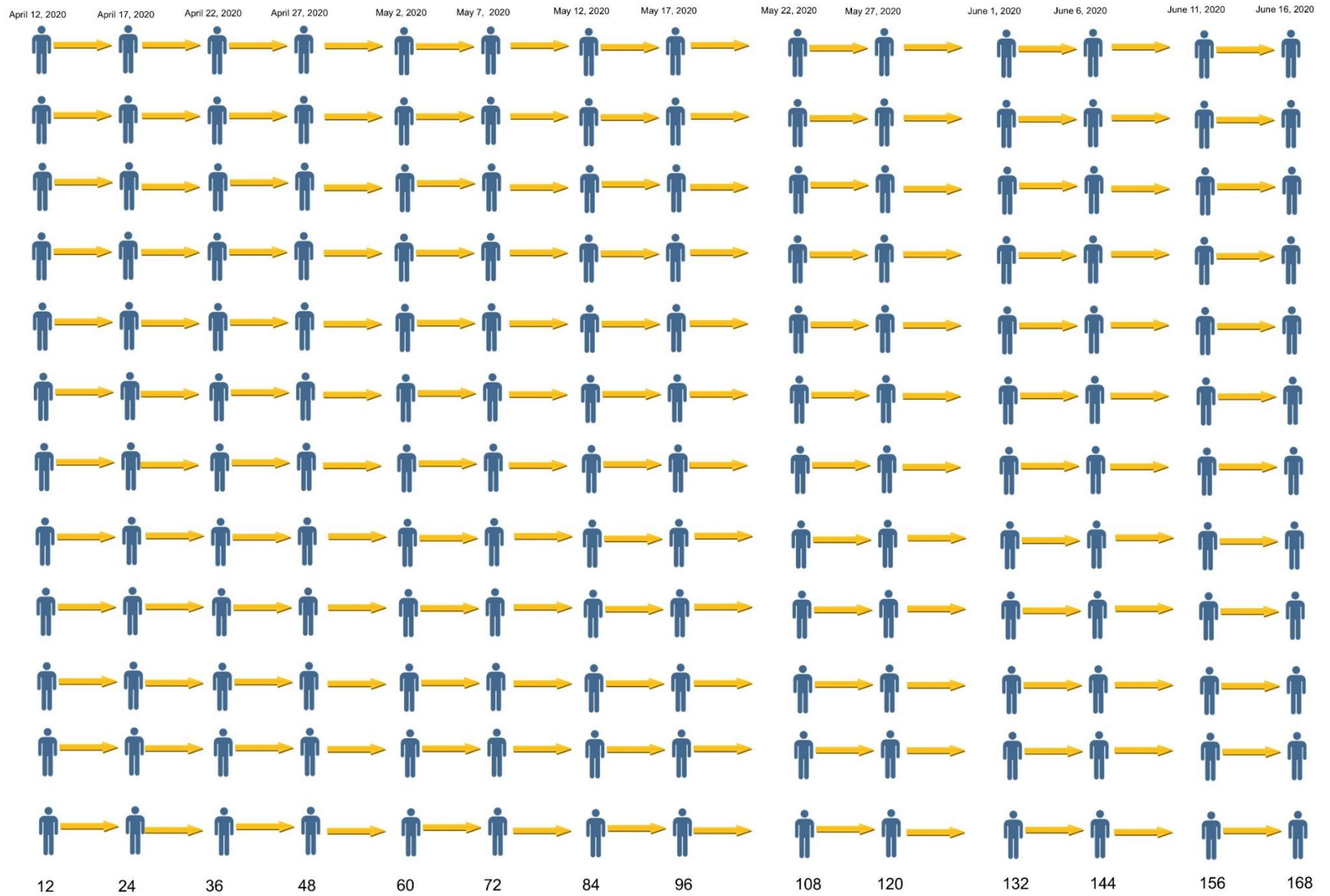
Probable Scenario Visual (Based on Alberta Provincial Projections) [↗](#)

The illustrations below show Chestermere's current COVID-19 cases as of April 12 and then applies the Alberta government's probable scenario projection. This scenario takes the assumption that for every case 1 person is infected.

Probable Scenario



The plateaus in the line graph indicate the average 5 year incubation period of COVID-19 before symptoms start to appear.



Elevated Scenario Visual (Based on Alberta Provincial Projections)

The elevated scenario takes the assumption that for every case, 2 people are infected. This forecast quickly spirals out of control and could cause catastrophic impacts should the health system be overwhelmed.

Elevated Scenario

