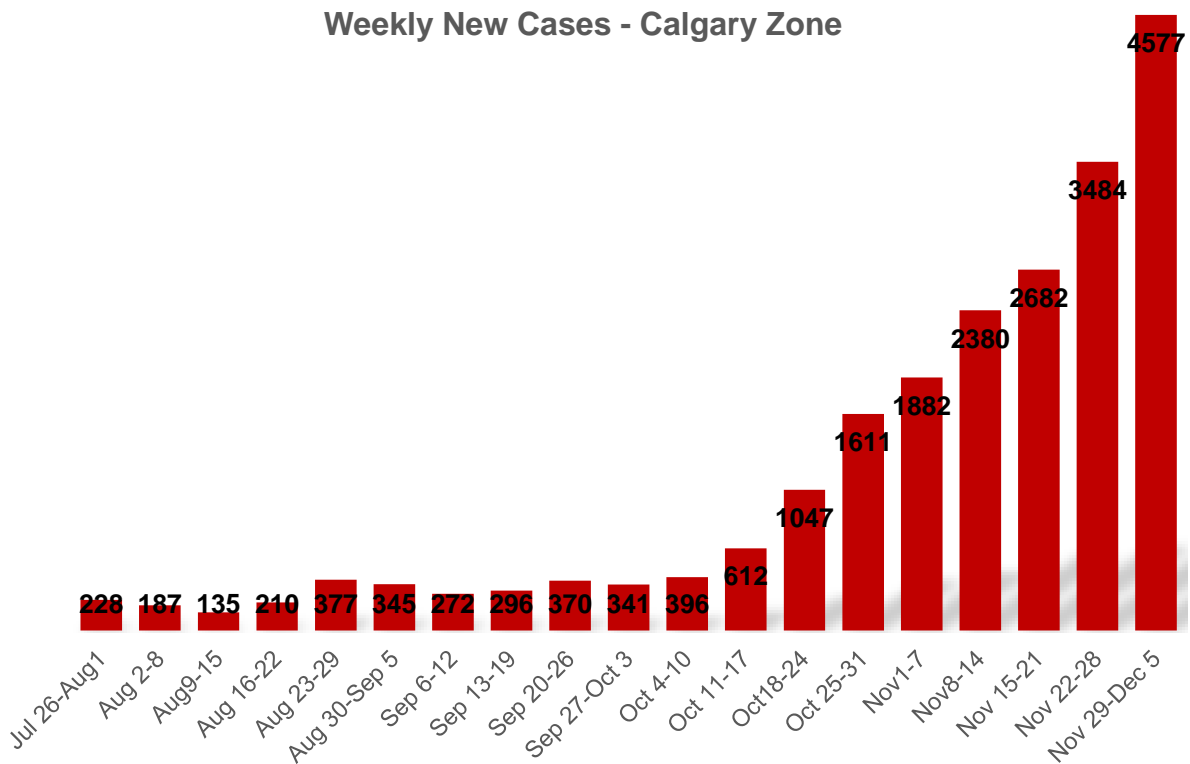


Calgary's Current COVID-19 Indicators

The indicators below provide a synopsis of how COVID-19 has progressed since Calgary enacted its temporary face coverings bylaw. These data points will continue to be monitored to help measure the necessity of the bylaw. Although face coverings are an important factor in reducing the spread of COVID-19, it is important to remember that they are only one of a series of actions that citizens need to take to reduce the spread of COVID-19. In the weeks after the bylaw was passed, Calgary experienced a relatively stable summer but has seen cases increase dramatically since October. This highlights the reality that the COVID-19 situation is highly dynamic, and ongoing vigilance is required.

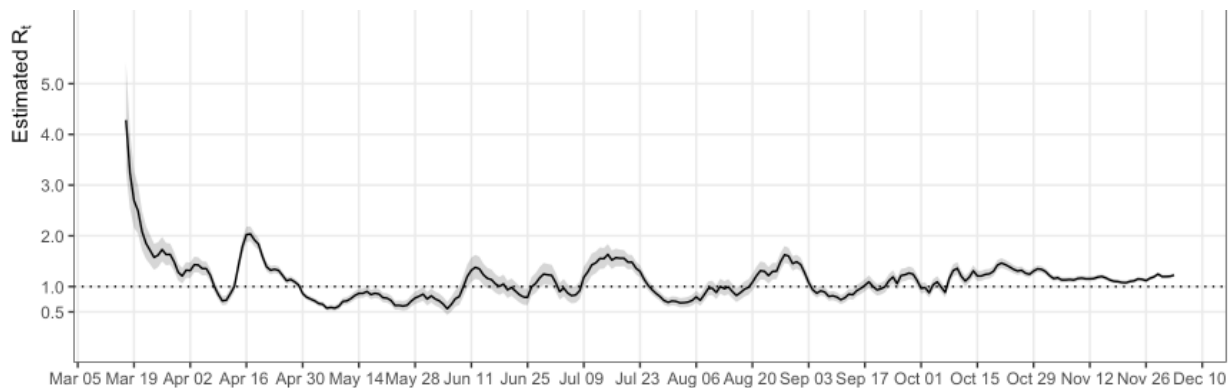
New Weekly COVID-19 Cases

Since the temporary face coverings bylaw came into effect on August 1, Calgary has more than quadrupled its total number of cases (6,675 on August 1, and 27,779 on December 5). As demonstrated by the chart below, weekly case increases have also risen dramatically. In addition, Calgary's active cases have risen from 599 on August 1 to 7,288 on December 5.



Reproductive Values

The reproductive value, or rate of transmission, represents the transmission rate of the virus from person to person. The reproduction value must be below 1.0 for cases numbers to decrease. In early July the reproductive value in Calgary was 1.5, meaning that on average every person with COVID-19 transmitted the virus to 1.5 other people. Since the bylaw was passed the reproductive value has fluctuated, reaching as low as 0.6 on August 1, and is at approximately 1.25, as of December 4. Although the reproductive rate of transmission is lower now than in July, the reality is that our active case count is much higher than it was at that time, and any value above 1 indicates our case counts will continue to increase.



Regional Indicator

The regional indicator tracks the number of cases per 100,000 people, with 50 cases or more putting the Local Geographic Area (LGA) into watch status by Alberta Health. Prior to the bylaw being passed there were three LGAs in watch status; currently, every one of Calgary's LGA's is in Watch Status and the city as a whole is in Enhanced status, which indicates regionally targeted provincial health measures are in effect. As of December 5, the overall regional indicator for Calgary is 461.6 cases per 100,000 people.

| CALGARY LOCAL GEOGRAPHIC AREA (LGA) | JULY 20: CASES/100K | DEC 5: CASES/100K |
|--|--------------------------------|------------------------------|
| CENTRE | 81.6* | 506.1 |
| CENTRE NORTH | 42.5 | 470.2 |
| CENTRE WEST | 26 | 378.5 |
| EAST | 33.1 | 510.8 |
| ELBOW | 63.7* | 391.8 |
| FISH CREEK | 19.6 | 294.8 |
| LOWER NE | 48.8 | 621 |
| LOWER NW | 22.4 | 282.9 |
| NORTH | 32.3 | 415 |
| NOSEHILL | 34.8 | 312.3 |

| | | |
|--------------------------------|-------------|--------------|
| SE | 25.2 | 313.9 |
| SW | 19.2 | 326.9 |
| UPPER NE | 53.1* | 1411.6 |
| UPPER NW | 22.1 | 269 |
| WEST | 17.4 | 267.2 |
| WEST BOW | 14.3 | 475.3 |
| CITY OF CALGARY AVERAGE | 34.8 | 461.6 |

* Indicates "Watch Status"; areas over 50 Cases/100k are added to Watch Status by Alberta Health.