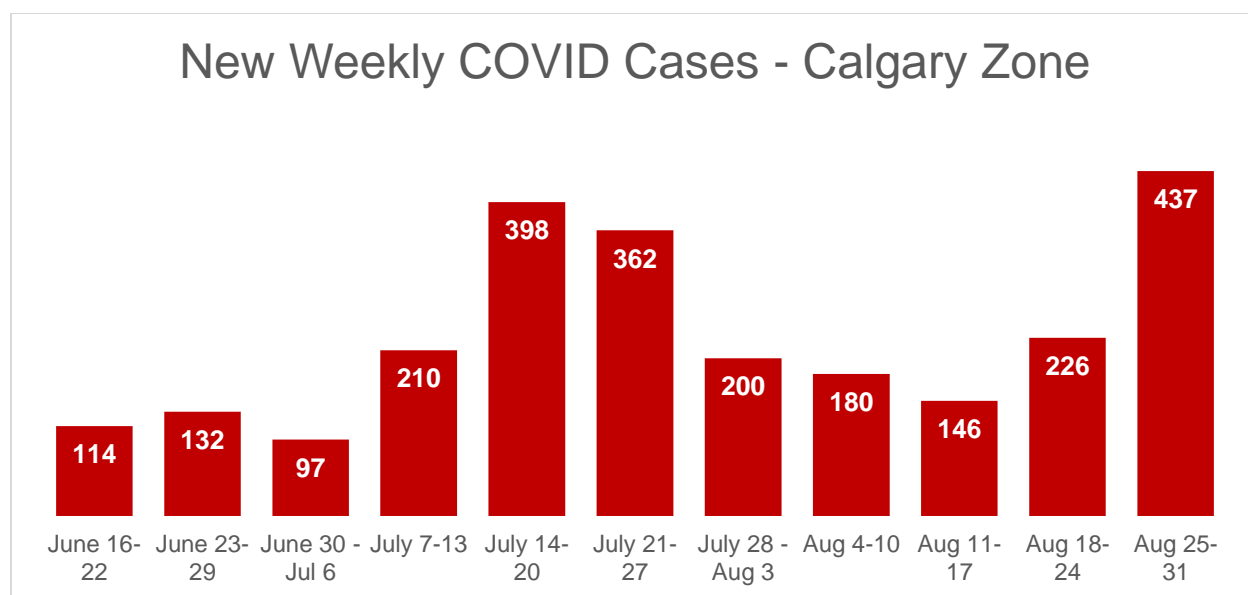


## Calgary's Current COVID-19 Metrics

The metrics below provide a synopsis of how COVID-19 has progressed. 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. In the weeks after the bylaw was passed, Calgary experienced downward trend in case numbers but an upward trend has persisted from late August to early September. This highlights the reality that the COVID-19 situation is highly dynamic, and ongoing vigilance is required.

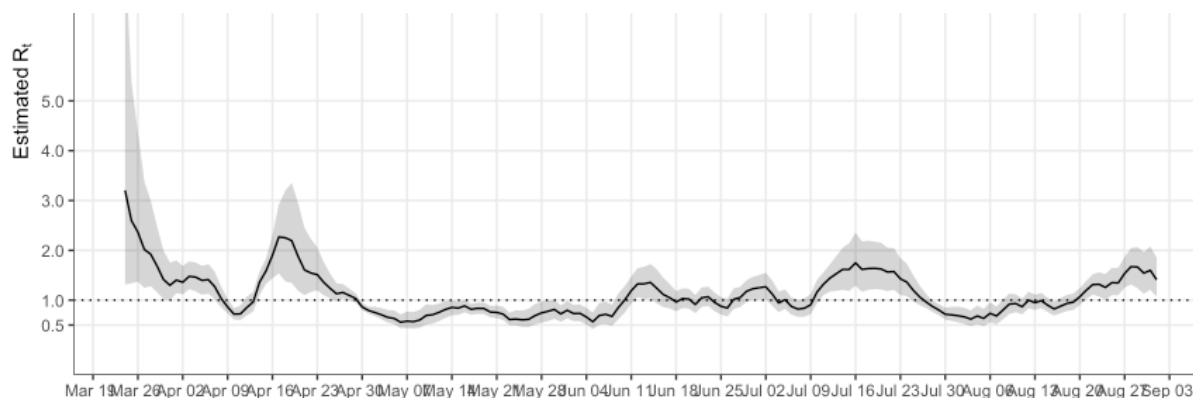
### New Weekly COVID-19 Cases

After the bylaw was passed, there was a marked decrease in Calgary cases. In the week of August 25-31 there were 437 new cases, and increased from 398 new cases in the week of July 14-20. On July 20 there were 538 active cases in the community, compared to 639 active cases reported on September 3<sup>rd</sup>.



### Reproductive Values

The Reproductive Value 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 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 1.41, as of Sept 2<sup>nd</sup>.



## 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 there are six LGAs in watch status. As of September 4<sup>th</sup>, the overall regional indicator for the City is 41.5 cases per 100,000 people.

CALGARY LOCAL GEOGRAPHIC AREA (LGA)	JULY 20: CASES/100K	SEPT 4: CASES/100K
CENTRE	81.6*	58.9*
CENTRE NORTH	42.5	31.3
CENTRE WEST	26	23
EAST	33.1	59.4*
ELBOW	63.7*	44.1
FISH CREEK	19.6	18.7
LOWER NE	48.8	123.6*
LOWER NW	22.4	3.2
NORTH	32.3	50.7*
NOSEHILL	34.8	24.5
SE	25.2	13.7
SW	19.2	19.2
UPPER NE	53.1*	116.5*
UPPER NW	22.1	9
WEST	17.4	26.2
WEST BOW	14.3	14.3
CITY OF CALGARY AVERAGE	34.8	41.2

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