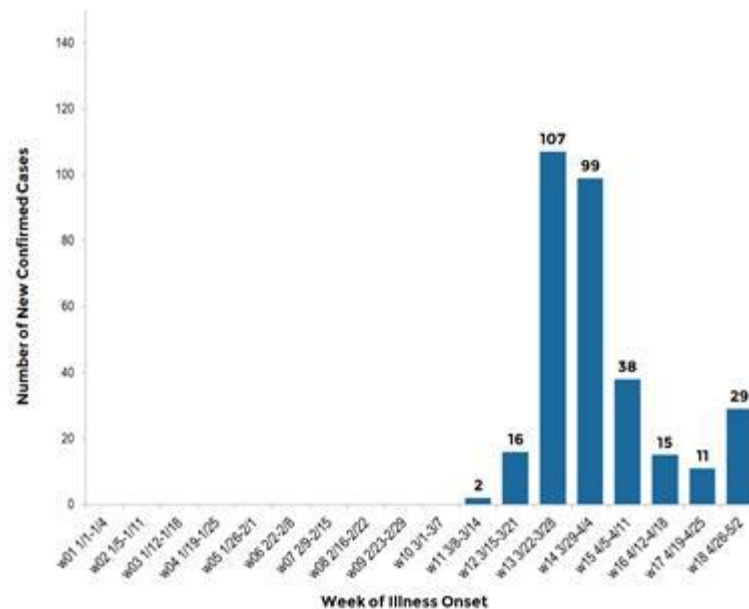


1. Any symptomatic person can now be tested if their provider orders the test. If experiencing URI (cold) symptoms then please do not hesitate to reach out to your primary care clinic.
 - a. This increase in testing may also account for a small increase in positive cases last week, although the daily averages remain low.

Confirmed COVID-19 Cases in Whatcom County, by Week



2. There are other medical conditions that can result in death and it is very important to seek appropriate health care, even despite the pandemic. I've unfortunately seen, first hand, the unfortunate outcomes from folks delaying or avoiding treatment due to fears of the Coronavirus. Please email myself or Gary with any questions about this and I'm sure either of us will be happy to discuss further, as necessary.
3. Also I want to reiterate that it is very apparent that we are all learning as we go. We do see clearly that social distancing is being done well here, even as compared to areas such as Yakima, which have had a significantly greater number of cases per capita. Still, even physicians are vocal about the need to reopen to the health department. Dr. Stern gave a very detailed explanation of the data and why we haven't yet begun lifting the isolation mandate as quickly as other counties. I think the following two graphs show the point well. Please note that the number of cases peaked on 3/26/2020 and we can see below that the active cases are declining. This gives an R_t value of **<1.0**, which means that each positive person is infecting **fewer than 1** other person. This results in the virus extinguishing itself. Without isolation the R_t value is estimate at **2.2-2.5**! You can see possible scenarios for our counties if the restrictions are lifted and the R_t value goes up to a conservative estimate of 1.2 – 2.0 in the bottom graph (note the logarithmic scale on the x axis). This would cost a lot of lives, which is why we haven't yet been released.

Whatcom County COVID-19 Total Infected and Recovered Individuals

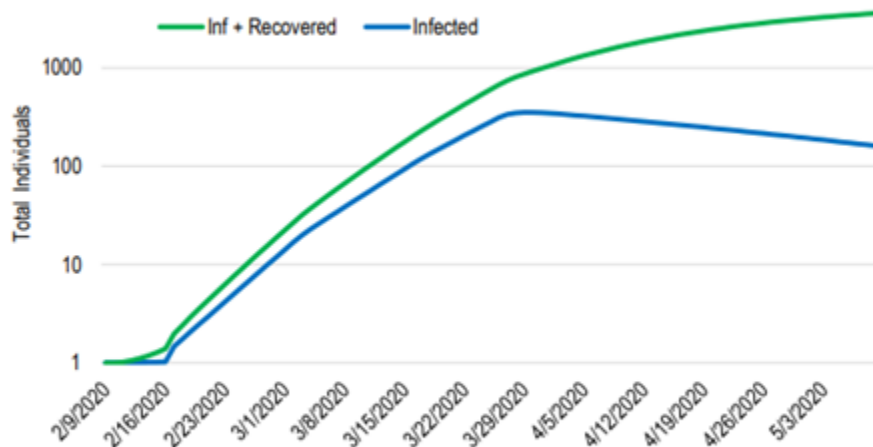


Figure 2. Number of infected individuals and recovered/dead in Whatcom County simulation from 2/9/20 to 5/9/20. This is the total number of infected and the sum of infected and recovered individuals on each day in the simulation, not the number being newly infected on that day.

Whatcom County COVID-19 Total Infected Individuals

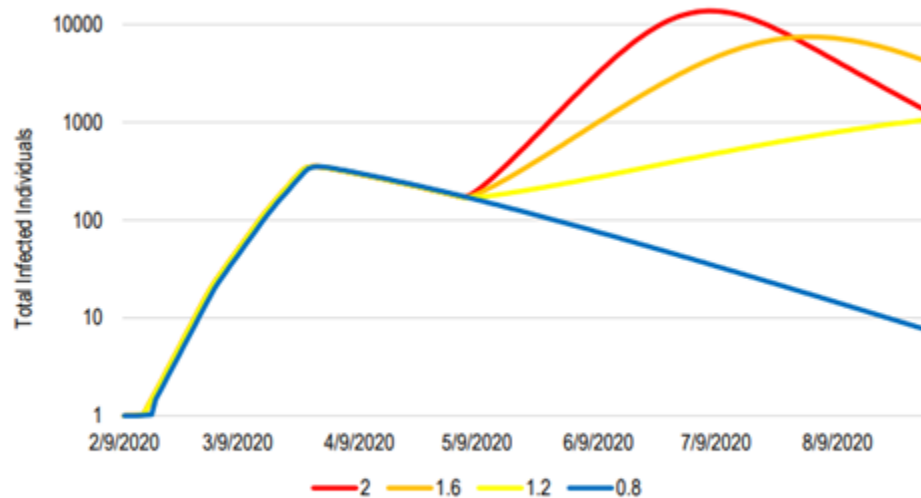


Figure 3. Total infected individuals in Whatcom County simulation from 2/9/20 to 8/31/20 with four scenarios for Basic Reproduction Number (R_t) after 5/5/20. The four scenarios are based on the possible easing of restrictions.