

Washington City and County Leaders Coronavirus Coordination Meeting

July 20, 2020
1:00 PM – 2:00 PM



Using GoToWebinar

Click the orange arrow button as necessary to reveal the control panel.

Manage Audio settings in the top half of the control panel.

Select Computer audio to listen via your computer speaker(s).

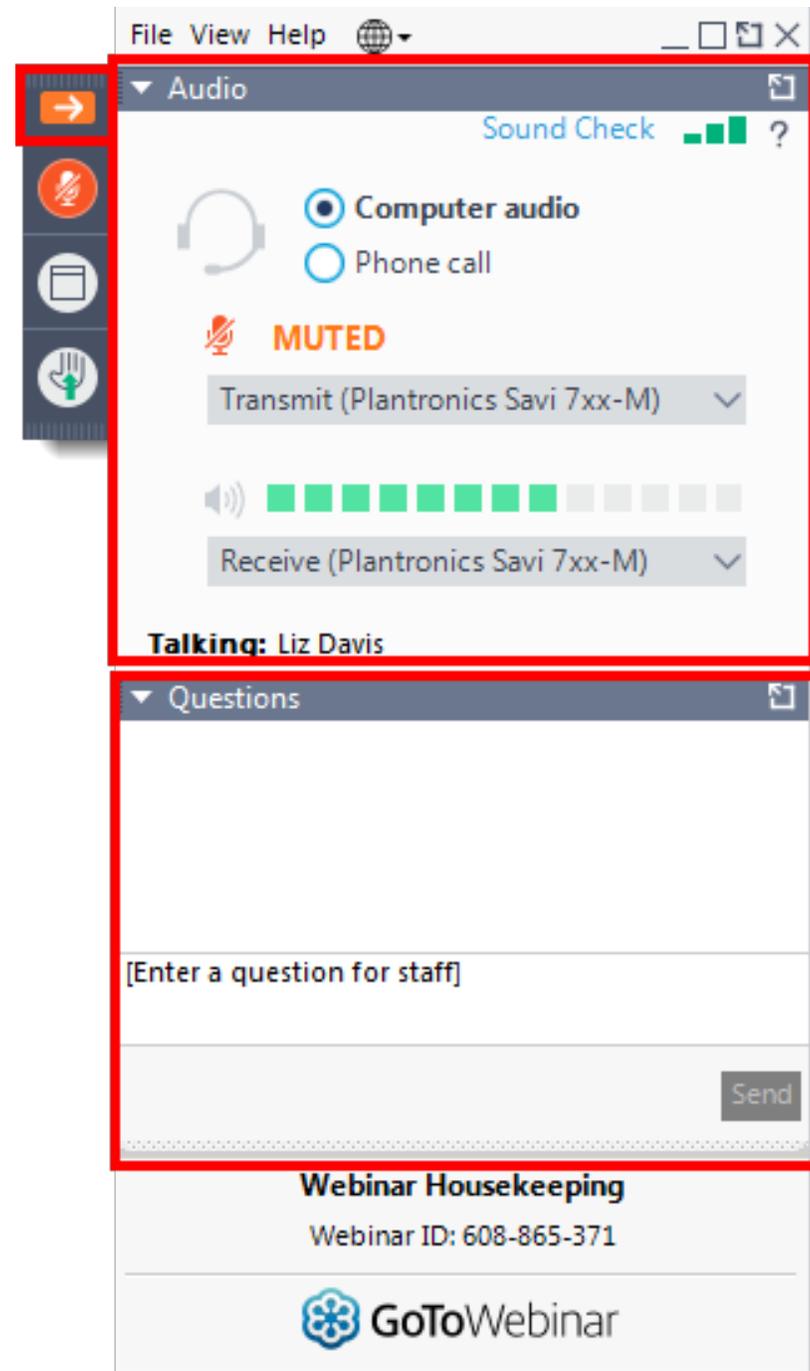
Select Phone call to listen via your phone.

Submit Questions in the bottom half of the control panel.

Technical difficulties?

Call GoToWebinar phone support at:

877.582.7011



Governor
Jay Inslee



Secretary of Health
John Wiesman
DrPH, MPH



State Health Officer/
Chief Science Officer

Kathy Lofy

Department of Health





Governor
Jay Inslee



Secretary of Health
John Wiesman
DrPH, MPH



State Health Officer/
Chief Science Officer
Kathy Lofy
Department of Health



IDM

THE INSTITUTE FOR DISEASE MODELING

Mike Famulare

Principle Research Scientist

Greer Fowler

Senior Project Coordinator

Niket Thakkar

Senior Research Scientist

COVID Situation Report Update

Niket Thakkar¹, and Mike Famulare¹ on behalf of

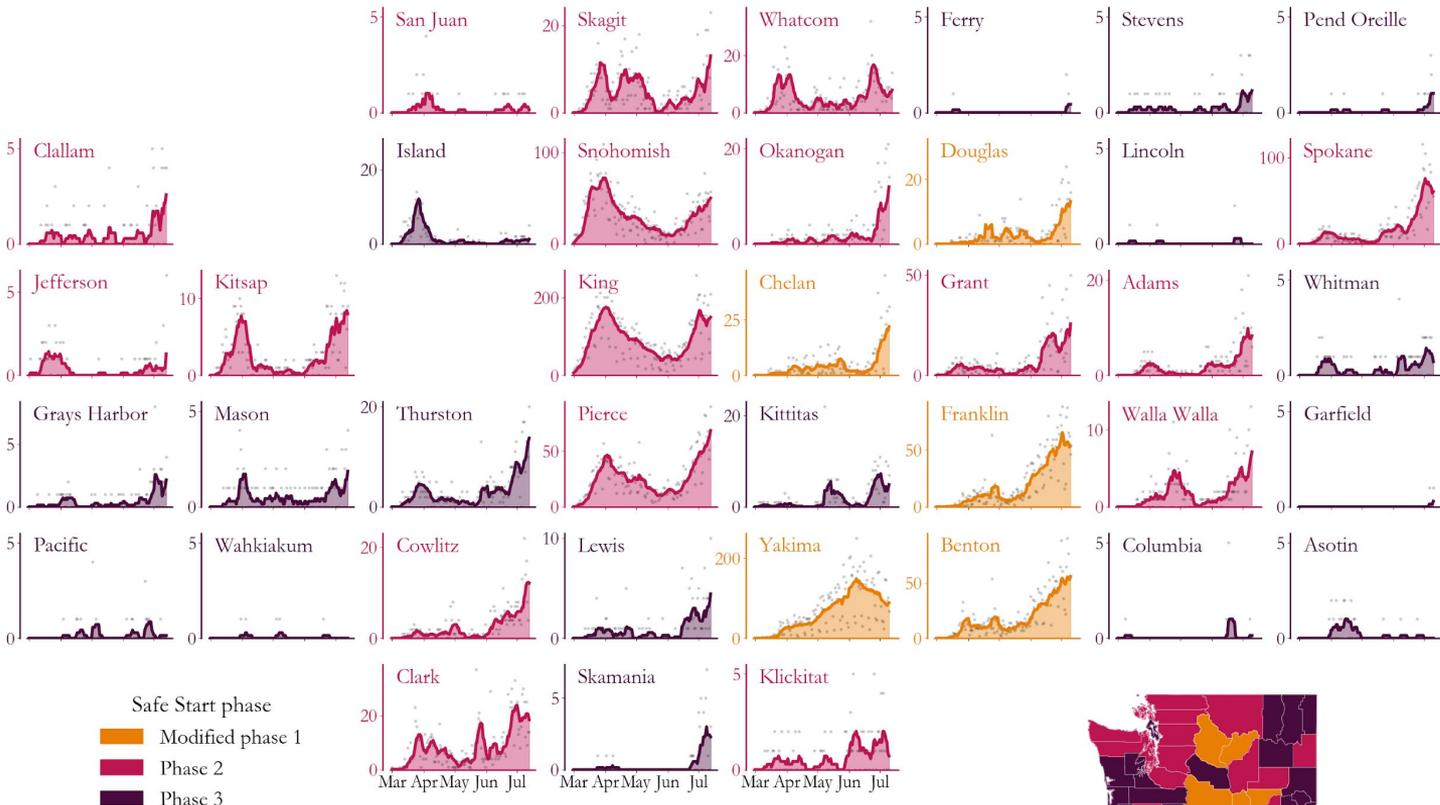
Ruth Etzioni², Juan M. Lavista Ferres³, Roy Burstein¹, Greer Fowler¹, Grace H Huynh³, Ian Painter⁴, Roman Gulati²

¹Institute for Disease Modeling; ²Fred Hutch Cancer Center; ³Microsoft; ⁴Washington State Department of Health

WA State and Local Leadership update

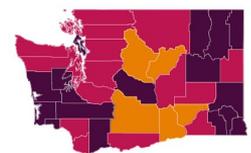
July 20, 2020

Cases are growing across the state



Testing delays are growing and may affect most recent data. (Shown through July 10.)

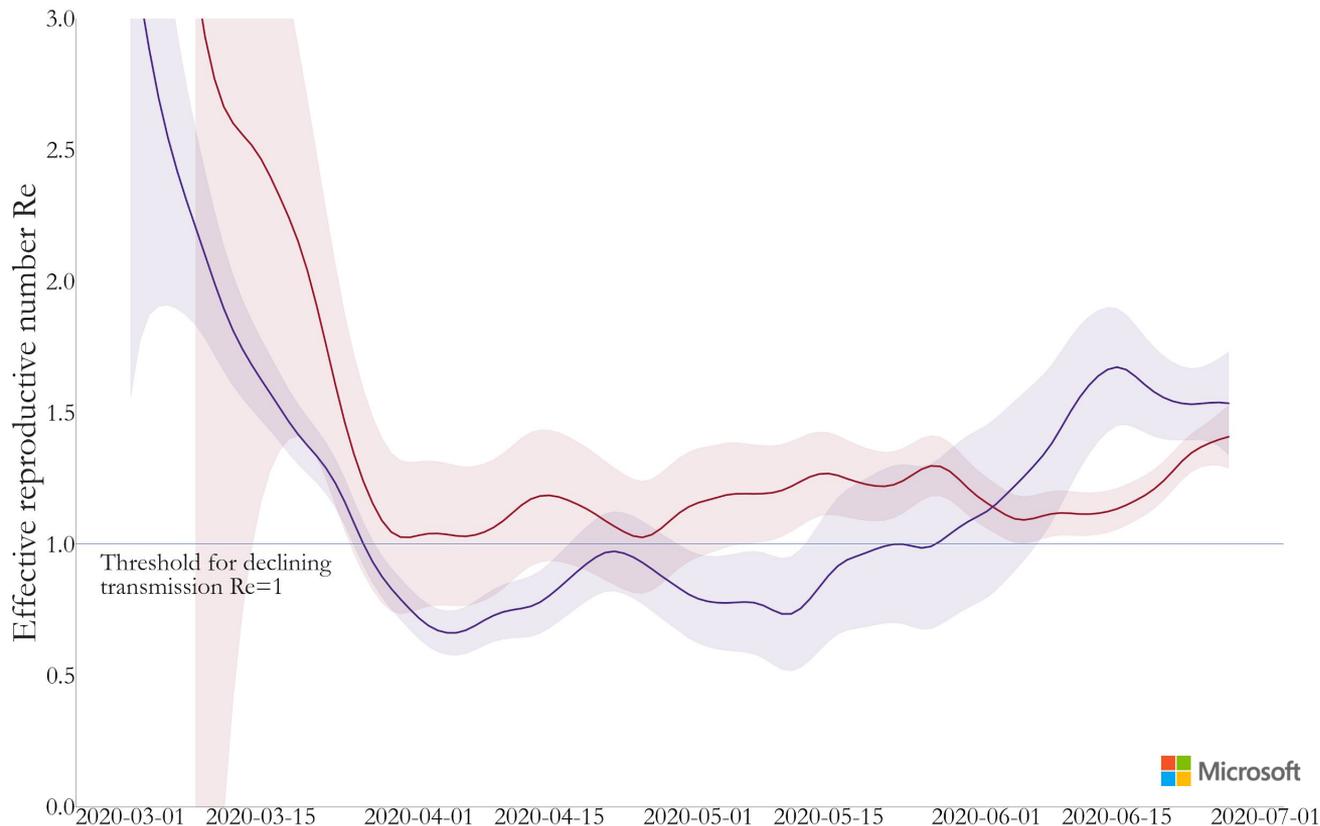
Many smaller rural counties are likely only now or will soon be starting to transmit COVID19 locally.



Current Safe Start phase in Washington State



Re is roughly 1.5 on average across the whole state.



With recent effective reproductive numbers definitively above 1, we have complete confidence that the COVID-19 epidemic was growing in both eastern and western Washington through June.

Without any changes the burden on all our communities will accelerate in the coming weeks.

Doubling time of roughly 10 days.

Figure 1: Re estimates for eastern (red) and western (purple) WA, with 2 standard deviation error bars. Our most recent estimates suggest that Re is above 1 in both eastern and western WA, with increased confidence relative to past situation reports. For details on how these estimates are generated, see our [technical report](#).

As the growth rate of daily new cases accelerates, daily hospitalizations have begun to increase in western WA and continue to rise in eastern WA.

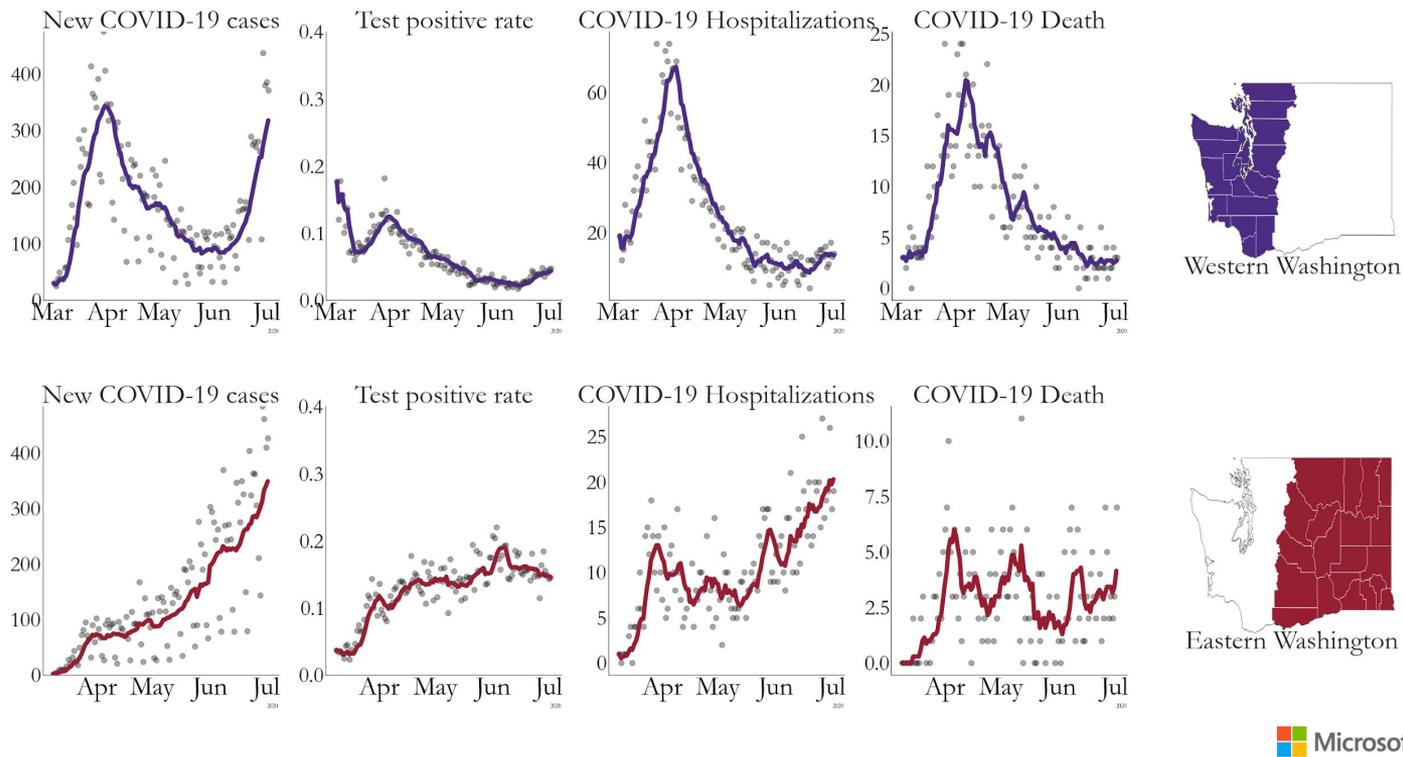


Figure 2: Cases, test-positivity, hospitalizations and deaths (dots) are smoothed with a 7-day rolling average (curves) to highlight trends. The increases in cases, test-positivity, and new hospitalizations all indicate that COVID-19 continues to surge across the state. [As seen all over the country, cases are leading indicators of hospitalizations and deaths.](#) Following the observed progression from cases to hospitalizations across the state, we expect rising deaths to follow in the next couple weeks, as may already be starting in eastern WA.

Across the state, the recent epidemic growth led by 20-29 year-olds is spreading into all age groups, including low but increasing rates among children.

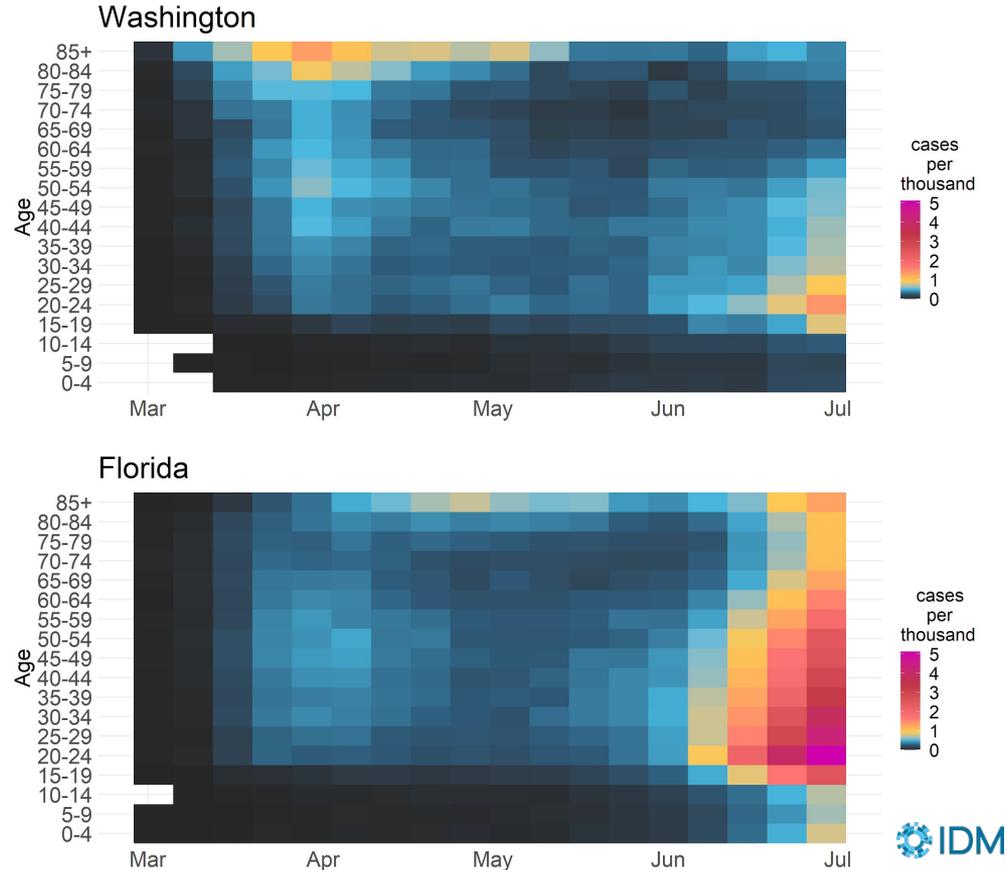
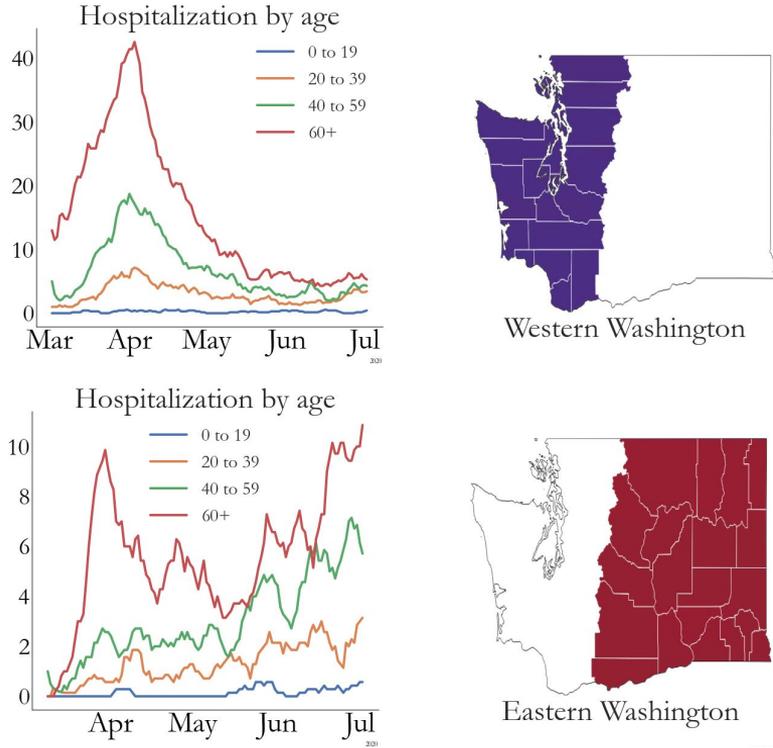


Figure 3: All cases in Washington state by age and week since the start of the COVID-19 epidemic.

In eastern WA, hospitalizations are trending upwards in all age groups.

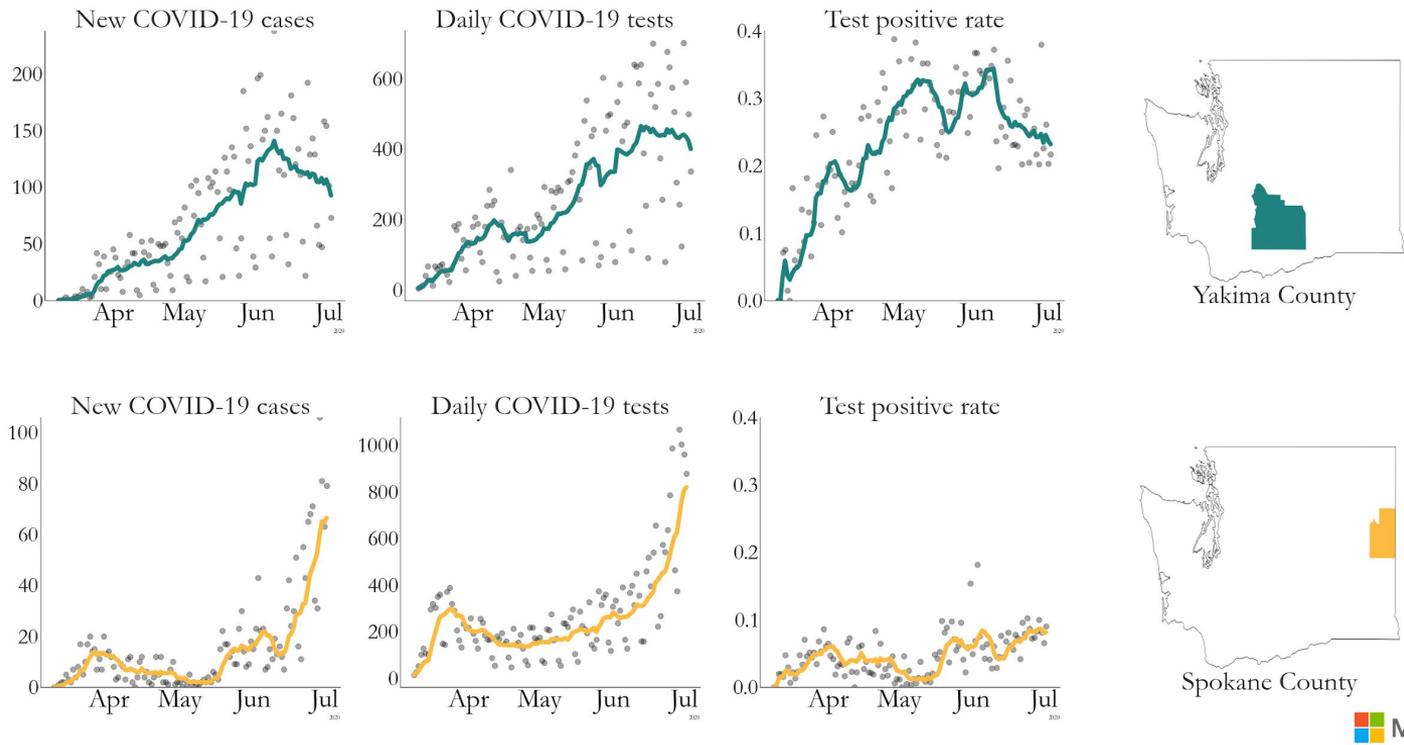


In eastern WA, hospitalizations are trending upwards in all age groups. In western WA, the recent uptick is being led by hospitalizations among 20-39 year olds due to the large increase in disease among this group. Absent significant behavioral changes to regain control of COVID-19 transmission, continued growth in older and more vulnerable populations will lead to further strained capacity.



Figure 4: Hospitalizations by age group for 0-19 (blue), 20-39 (orange), 40-59, (green) and 60 and above (red) smoothed with a 7-day rolling average (curves) to highlight trends. Hospitalization rates are increasing across all ages with the recent growth of the epidemic. If the recent uptick continues in western WA, it will further strain capacity in eastern WA which has already been sending some patients west where there have been more unused resources available.

Yakima and Spokane highlight two critical patterns in the current epidemic.



The case count in Yakima continued its recent decline through July 2.

Spokane has been experiencing accelerating exponential growth in COVID-19 burden that has yet to show significant signs of slowing.



Figure 5: Case counts and test-positivity in Yakima (green) show continued progress toward gaining control of the COVID-19 epidemic for the first time in the region. In contrast, Spokane avoided a large outbreak early but is now experiencing accelerated spread throughout the community as cases grow rapidly and test-positivity slowly climbs. The recent progress in Yakima highlights that [universal public masking](#) is a critical part of regaining control of the epidemic, in addition to [physical distancing and limiting social gatherings](#).