

Reopening in the time of COVID-19

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USA time-lapse spread of COVID-19 by county

- <https://www.sharedgeo.org/COVID-19/img/covid19-conus.mp4?1589215891>

USA time-lapse spread of COVID-19 in cases per 100,000 population

- <https://www.sharedgeo.org/COVID-19/img/percapita/covid19-conus.mp4?1589215891>

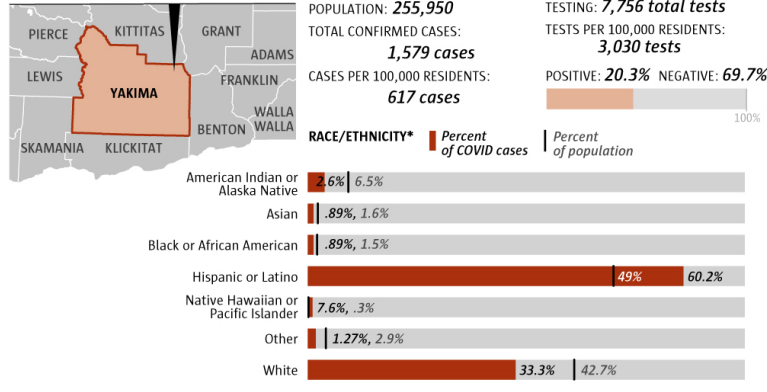
Washington State COVID-19 data

- <https://www.doh.wa.gov/Emergencies/NovelCoronavirusOutbreak2020COVID19/DataDashboard>

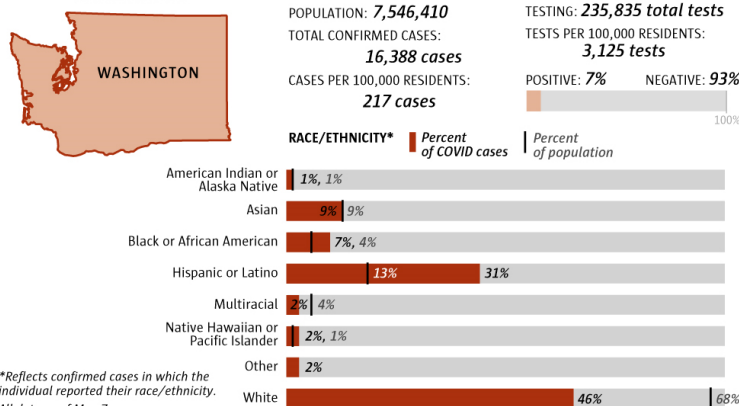
COVID-19's reach in Yakima County and statewide

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YAKIMA COUNTY



STATEWIDE



*Reflects confirmed cases in which the individual reported their race/ethnicity. All data as of May 7

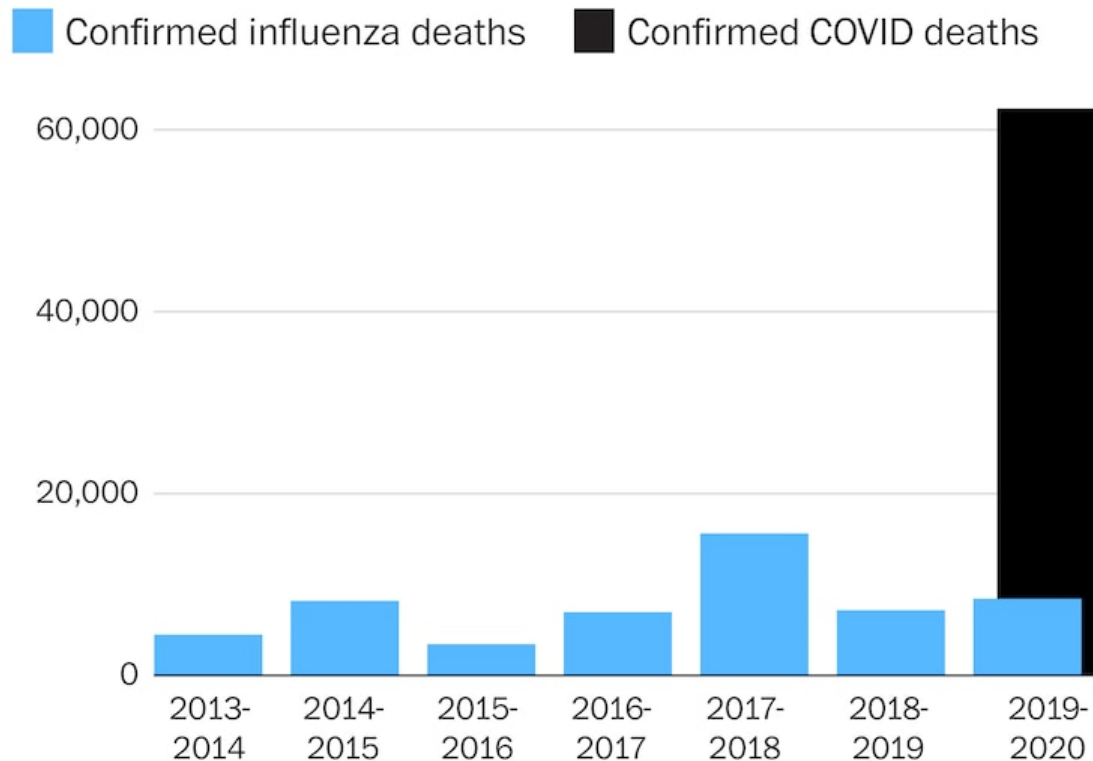
Sources: Washington Department of Health, Yakima Health District, Washington Office of Financial Management (2019 population estimates)

What is COVID-19 infection like?

- What are the symptoms of COVID-19?
- 80% of infected people have mild or no symptoms
- 14% of infected people have more severe symptoms
- 6% become critically ill
 - *The above numbers are based on the Chinese experience and appear to vary.
- When people develop symptoms, they are:
 - Fever 83-98%
 - Dry cough and shortness of breath 76-82%
 - Fatigue and muscle aches 11-44%
- The death rates (Case Fatality Rates) in China by patient age are:
 - Under 10 years of age 0%
 - 10-39 years of age 0.2%
 - 40-49 years of age 0.4%
 - 50-59 years of age 1.3%
 - 60-69 years of age 3.6%
 - 70-79 years of age 8%
 - 80 and older 14.8%

Flu vs. COVID mortality

Flu vs. COVID mortality



Source: CDC FluView, Washington Post COVID tracking

THE WASHINGTON POST

Relative risks of various activities

Breathing Exposures	Relative Score
Doing a procedure on an ICU patient (intubation, suction, CPR)	500
Working a shift in an ER or ICU full of COVID patients	100
Walking through the cloud of a cough or sneeze from an infected person	50
Working a shift as a cashier in a busy grocery store	50
Walking as a customer in a grocery store or pharmacy for 20 minutes	10
Walking or talking for an hour with a group of adults. 6+ feet apart	5
Walking in a big city. Trying to stay six feet away, lots of people	5
Living in your house for a day (4 adults doing the basics, no guests in the past 48 hours)	1
Walking in a suburban yard or street (no people in sight)	0

Touch Exposures	
Opening a door frequently used by other people	50
Hugging, shaking hands, with a couple of people	50
Getting the mail or a package from your porch	2

We are in this together!

“It’s time to remember that in a crisis of contagion, we’re all better off if we’re all better off. That in a collapse of public health, the community is only as secure as its least healthy members.” Eric Liu