

# Kitsap Board of Health COVID Update

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Health Officer, Kitsap Public Health District  
September 7, 2021



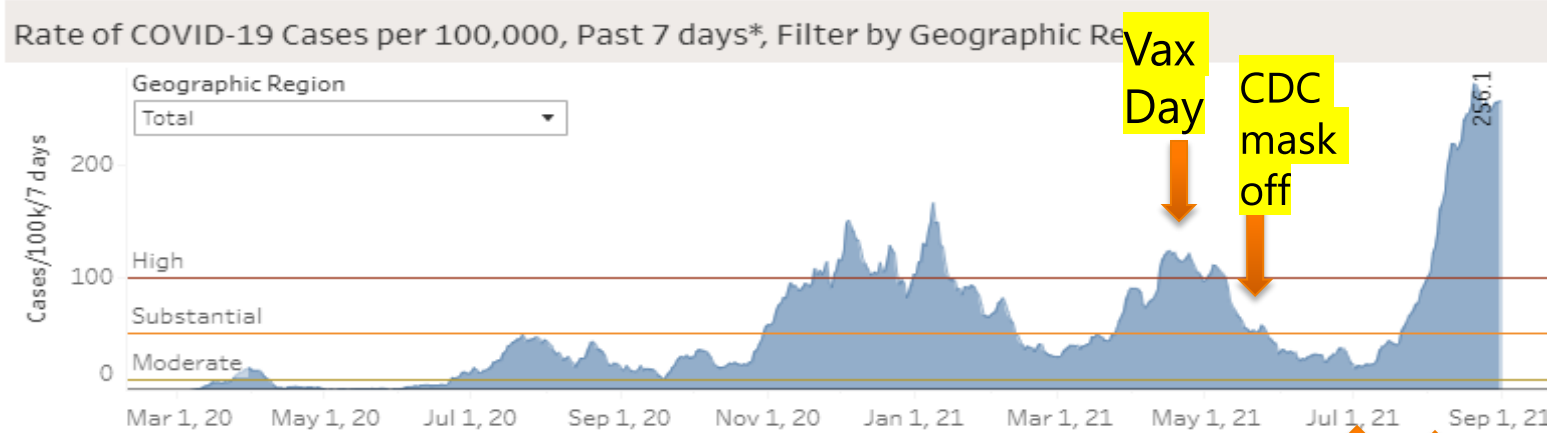
KITSAP PUBLIC HEALTH DISTRICT

# Agenda

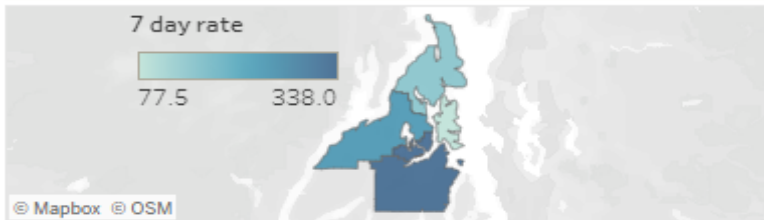
- Case rates and trends
- Hospitalizations, deaths and healthcare strain
- Testing and contact tracing
- Outbreaks and epidemiology
- Schools, sports, and businesses
- Vaccination and the exit plan – with a few words on ethics, legalities, and implementation of mandates
- Words from an ICU – KPHD Vaccine Nurse



# Case Rates and Disease Activity



Rate of COVID-19 Cases per 100,000 Residents by Geographic Region in Past 7 Days\*



Cases, Contacts, Deaths, and Testing Information Current as of 9/4/2021

WA READY reopening

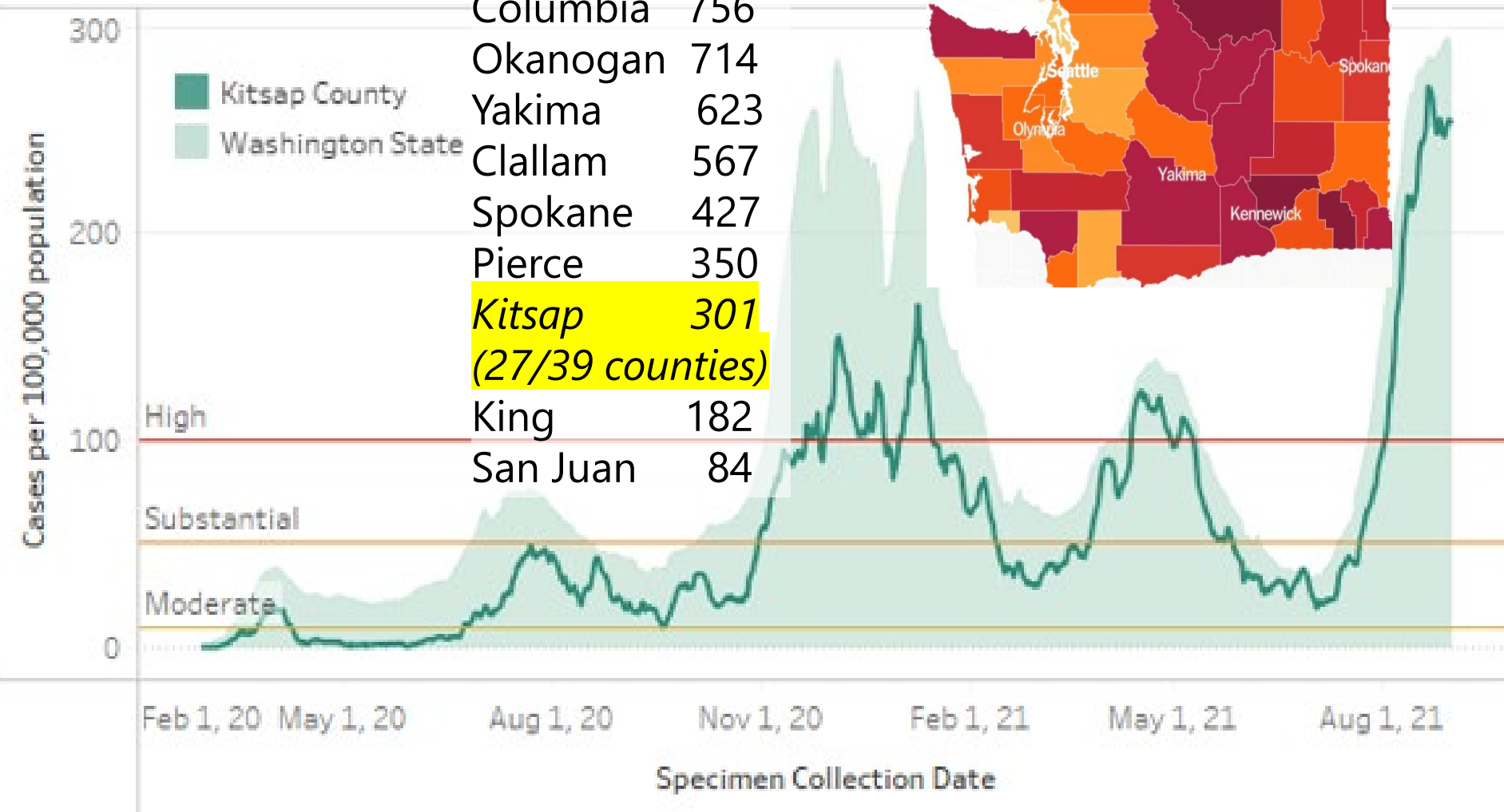
Delta 98% in WA

Total Cases by Region

	Kitsap	Bainbridge Island	Bremerton	Central Kitsap	North Kitsap	South Kitsap
Cumulative Cases	12,325	462	3,347	2,802	1,832	3,882
Cases added	175	2	59	35	26	53



Seven-day rate of confirmed and probable SARS-CoV-2 cases, Feb 2020 - Sep 1, 2021.



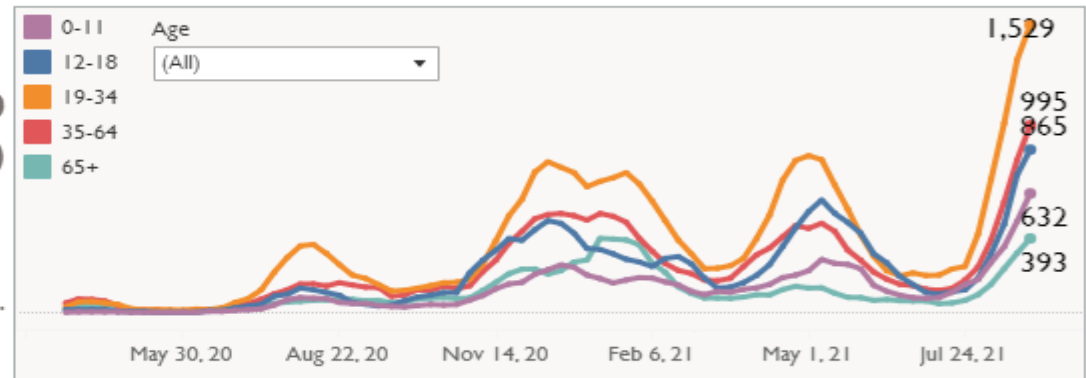
# Cases by Age and by Race/Ethnicity



## KITSAP COUNTY COVID-19 CASE DEMOGRAPHICS Updated September 02, 2021

### By Age - Case Rate per 100,000 (Past 4 Weeks)

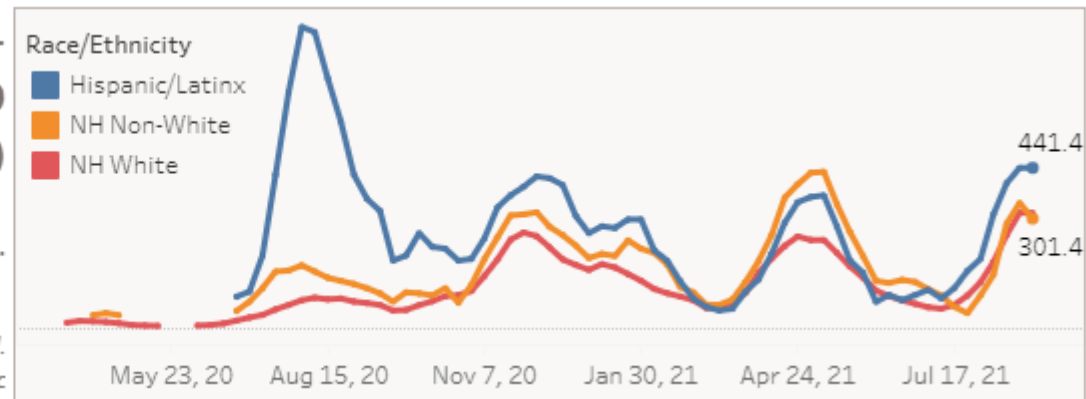
Currently, Kitsap residents ages 19 to 34 have the highest rate of cases, with **1,529 per 100,000**. Hover over any point to get more information. Click on each line to highlight that age group.

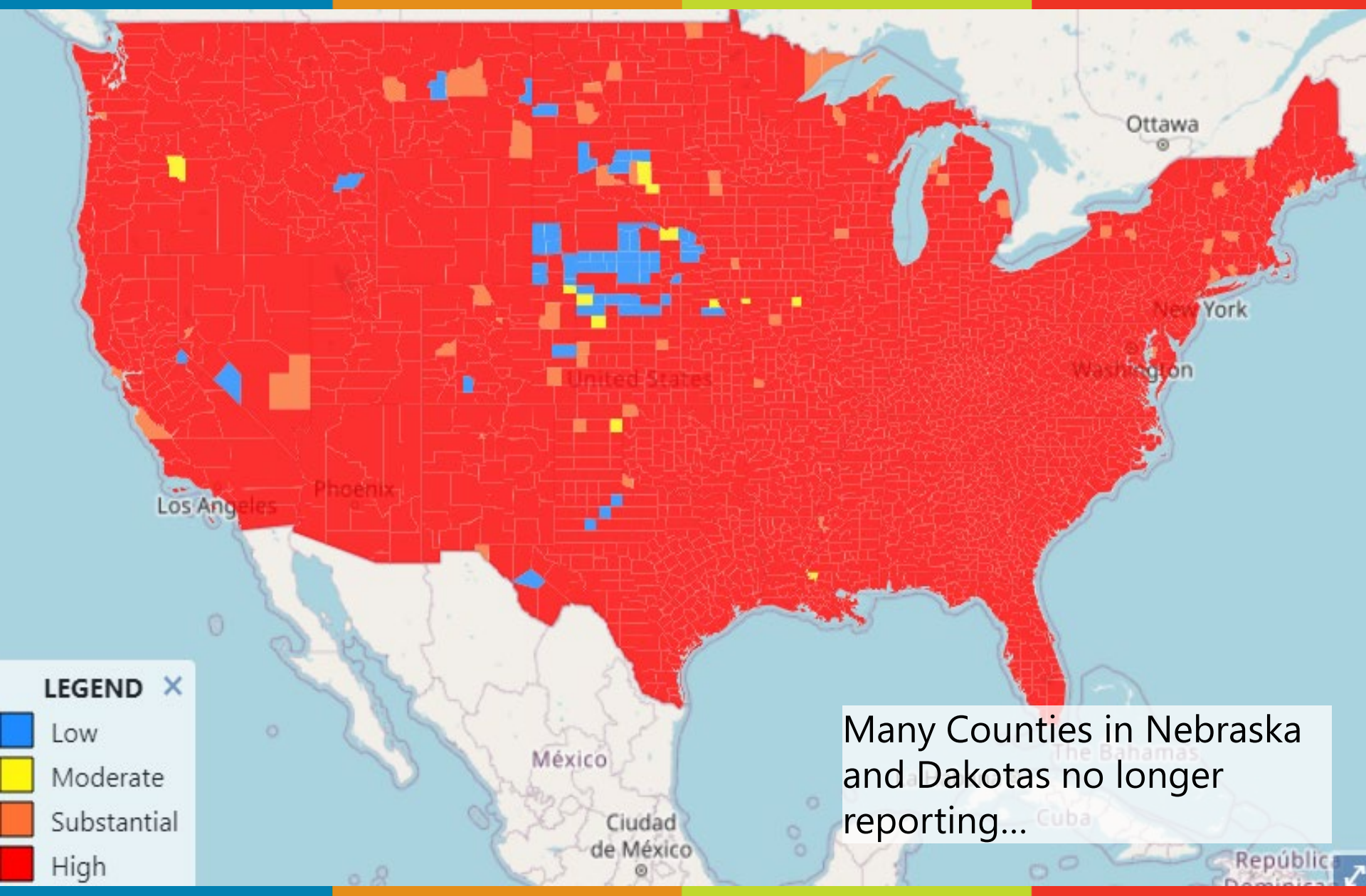


### By Race & Ethnicity - Case Rate per 100,000 (Past 4 Weeks)

People identifying as **Hispanic or Latinx** have the highest rate in the past 4 weeks.

Note: 42% of race & ethnicity data is unknown. Values less than 10 not displayed.  
NH = Non-Hispanic





**LEGEND** ✕

- Low
- Moderate
- Substantial
- High

Many Counties in Nebraska and Dakotas no longer reporting...





# Outbreaks

## COVID-19 outbreak rips through Retsil vets home, where just half of staff is vaccinated

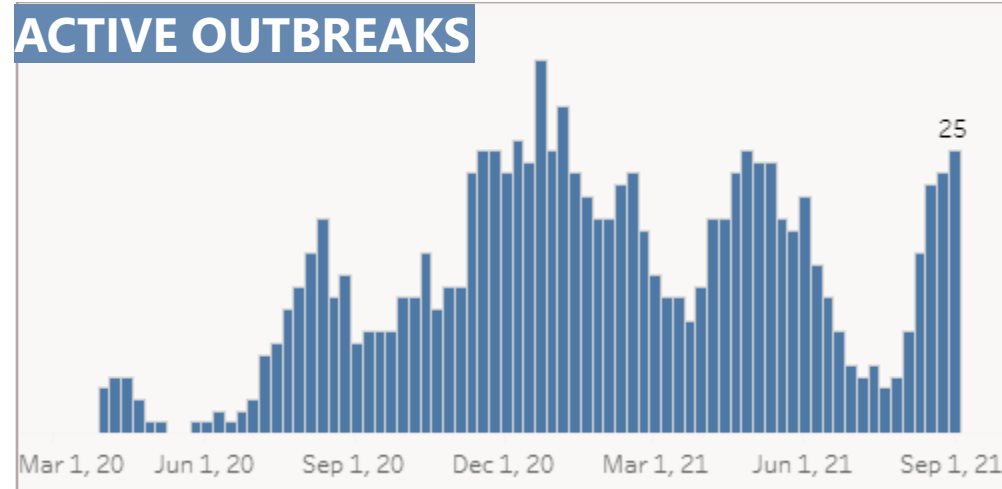
**Josh Farley** Kitsap Sun  
Published 1:58 p.m. PT Aug. 13, 2021

Kitsap Sun headlines

- 37 new outbreaks reported in August
  - 15 government
  - 6 LTCFs/senior living
  - 5 youth sports/activity/camp
  - 3 corrections
  - 2 construction
  - 1 restaurant
  - 1 church
  - 1 hospital/ED
- 6 involved >10 cases
- 25 involved staff

## COVID-19 outbreaks reported at St. Michael Medical Center, Kitsap County Jail

**Nathan Pilling** Kitsap Sun  
Published 5:01 a.m. PT Aug. 27, 2021 | Updated 8:35 a.m. PT Aug. 29, 2021



# Hospitalizations

**When you don't have COVID, but the virus still kills you**

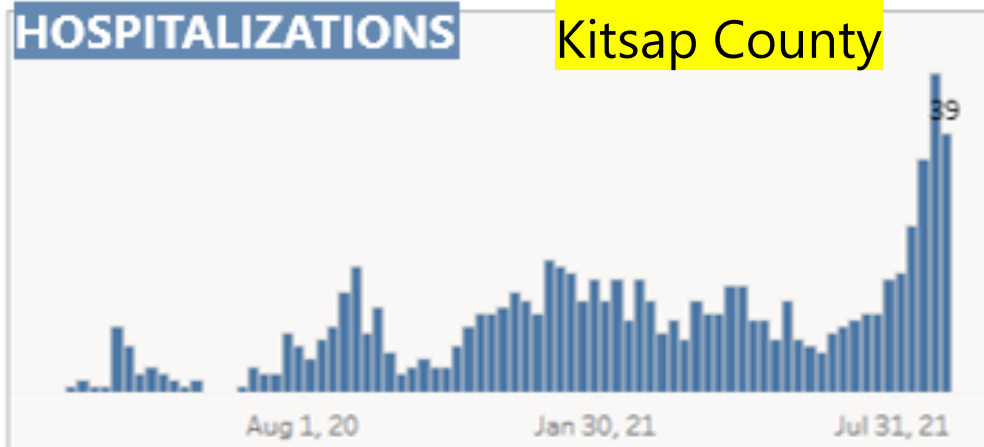
**Niran Al-Agba** Columnist

Published 6:30 a.m. PT Sep. 3, 2021

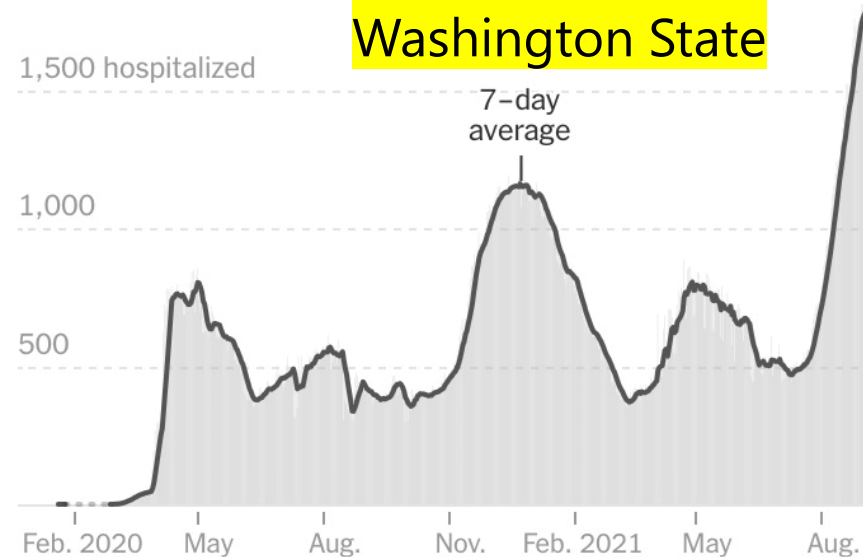
- August saw highest number Kitsap residents hospitalized for COVID.
  - Last week: 39 Kitsap residents hospitalized for COVID
- Nearly half of ICU patients at St. Michael's are COVID patients.

## HOSPITALIZATIONS

### Kitsap County



### Washington State





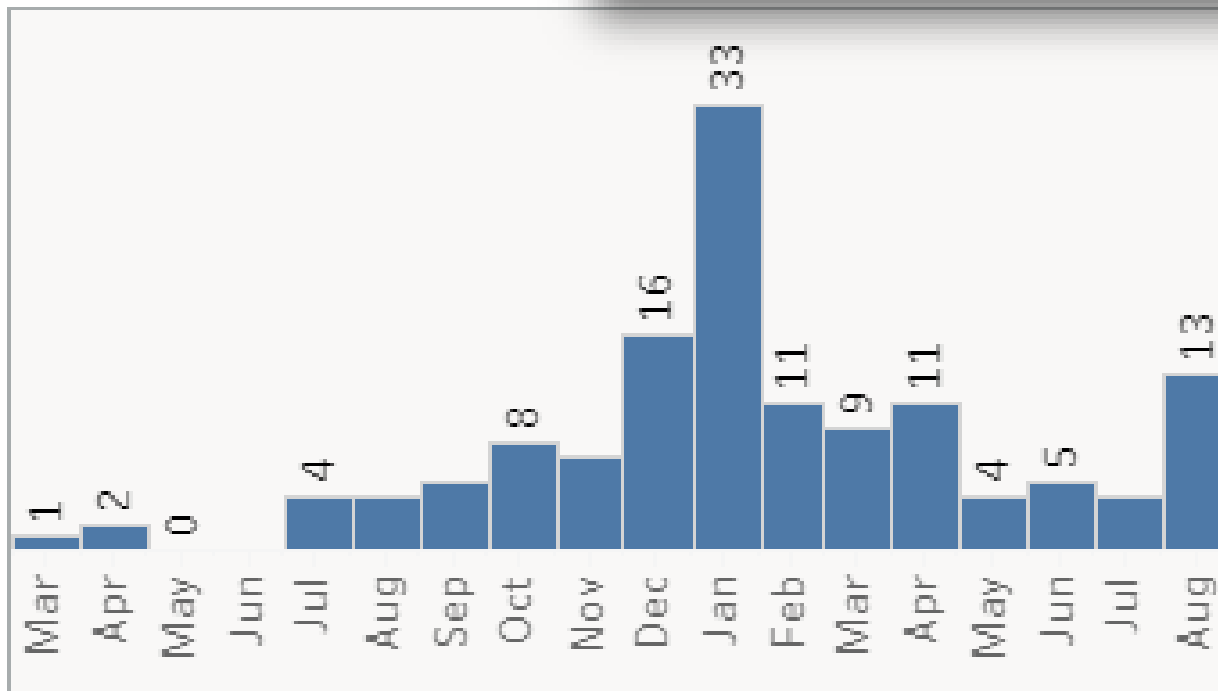
# Deaths

Phil Valentine, a radio host who scoffed at Covid, then urged his followers to get vaccinated, dies.

- 17 deaths in July and August

NYT headlines

A Texas anti-mask organizer has died from Covid



## Age Group

0-19	0
20-29	0
30-39	2
40-49	4
50-59	12
60-69	24
70-79	32
80+	63



# The Illness and its Aftermath – Long Covid

- 50% of hospitalized patients with one significant symptom one year later– fatigue, short of breath, weak, memory, mental...
- 35% of veterans with long-term kidney dysfunction(JASN)
- Accumulating evidence indicates that COVID-19 patients commonly develop neurological symptoms, such as headache, altered mental status, anosmia, and myalgia.
- Neurological complications caused by COVID-19 are frequent and represent a risk that compromises the functional capacity and the life of patients.
- Patients with severe COVID-19 pneumonia are likely at an increased risk of progression to interstitial lung disease (ILD) and chronic pulmonary vascular disease.
- Steeper health costs, as Most private insurers are no longer waiving cost-sharing for COVID-19 treatment



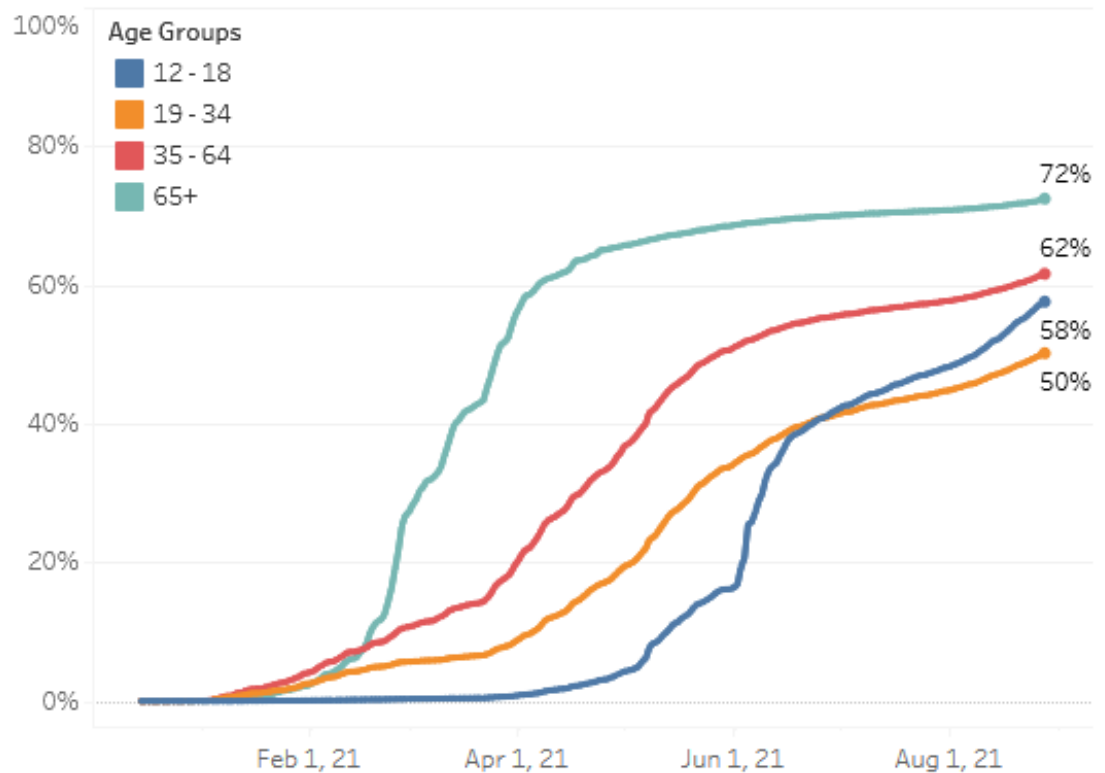
# Schools, Sports, and Businesses

- Testing in schools, sports, and businesses
- Organizational outreach and assistance
- Vaccination requirement tools for those interested
- New web pages at KPHD for all above
- Case and contact training for schools



# Vaccinations

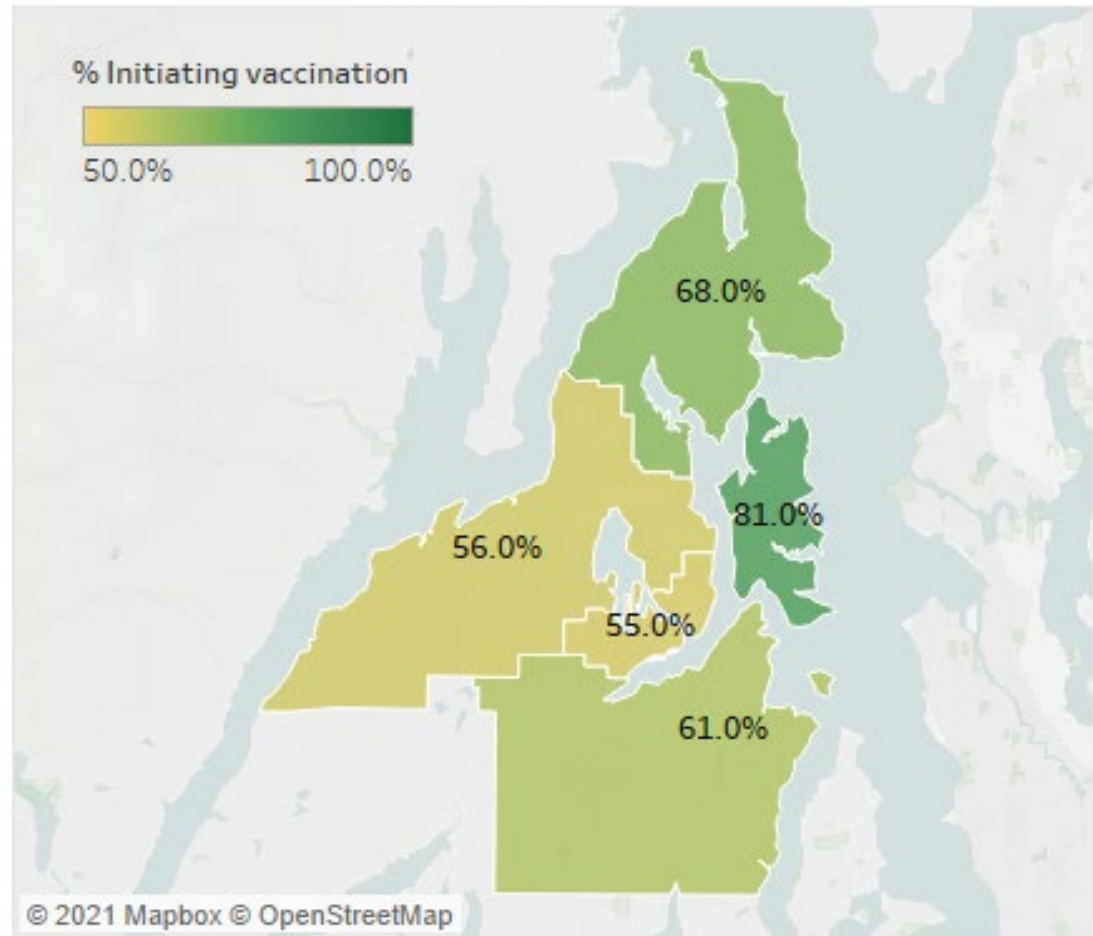
- **68.7%** of Kitsap County residents 12+ have initiated vaccination (WA IIS and DoD).
- **63.4%** of Kitsap County residents are fully vaccinated.
- Goal = 70% fully vaccinated.



# % Initiating Vaccination Across County

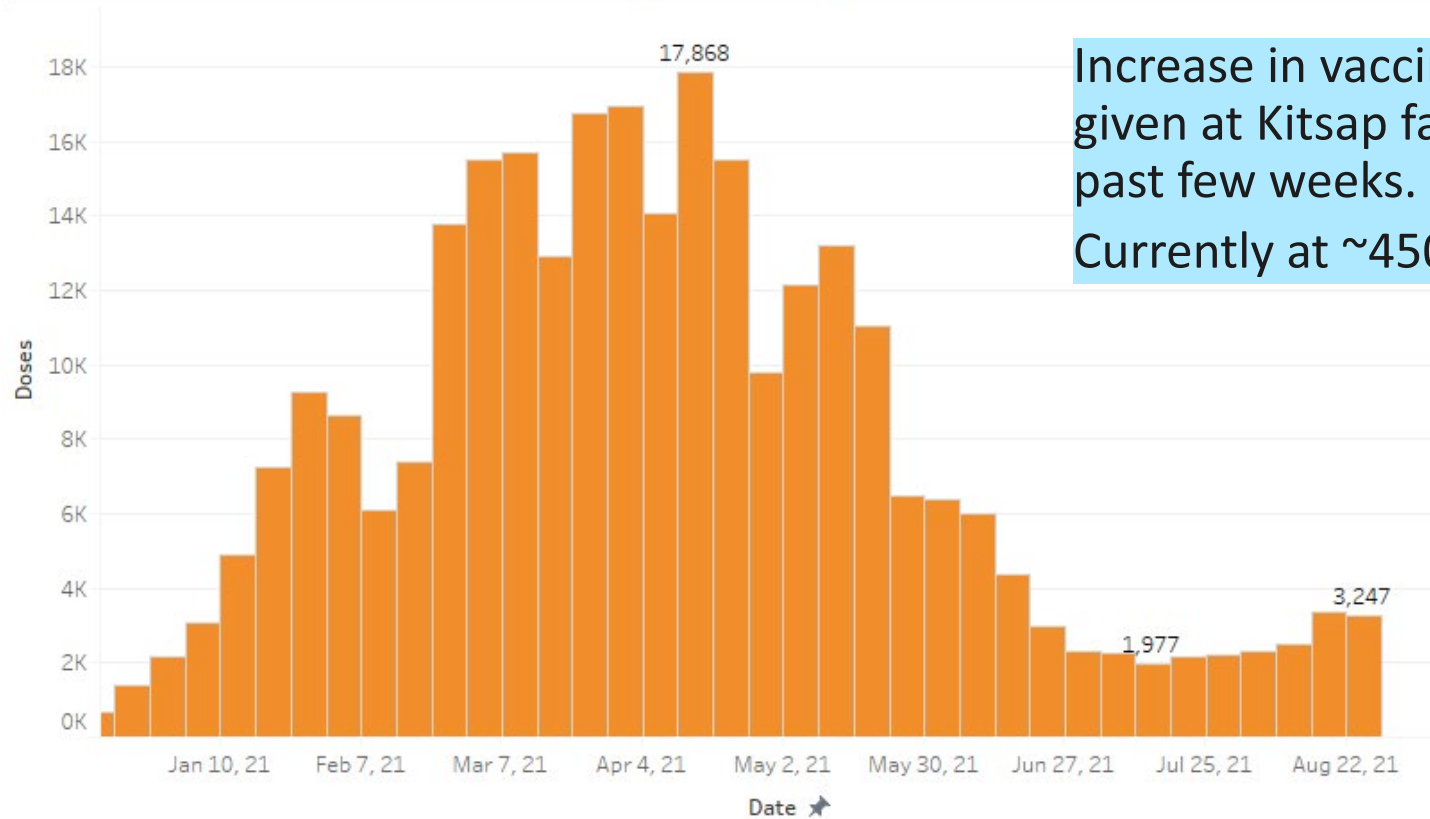
- Highest = Bainbridge Island (81%)
- Lower rates in Bremerton (55%), Central Kitsap County (56%)\*

\* Regional rates for Bremerton, Central and South Kitsap are potentially underestimated by up to 10%, as data related to vaccinations administered by DoD cannot be broken out by region.



# Vaccines Administered at Kitsap Facilities

Number of Vaccine Doses Given at Kitsap Facilities by Date \*\*



Increase in vaccine doses given at Kitsap facilities over past few weeks.  
Currently at ~450 doses/day.





# Data from Seattle King County

Select a time period: ☒ Past 30 Days  
☐ Since 1/17/2021

## Cases

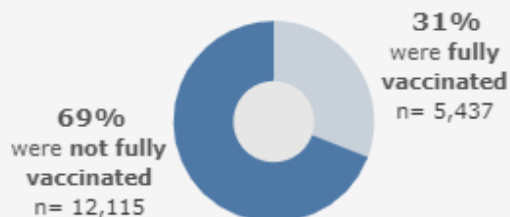
People who are not fully vaccinated are:

**7**

times more likely to test positive for COVID-19

Relative Risk trend

The vaccines effectively reduce a person's risk of catching COVID-19 and spreading it to others, although they are more effective at preventing serious infections leading to hospitalization and death. Vaccinated people who do get infected tend to have mild or non-severe illness.



## Hospitalizations

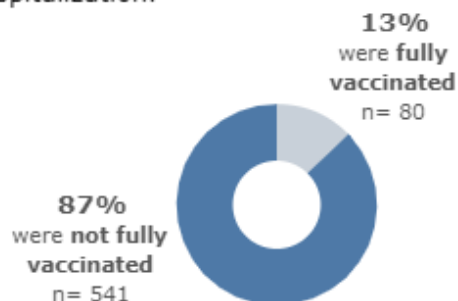
People who are not fully vaccinated are:

**49**

times more likely to be hospitalized for COVID-19

Relative Risk trend

The vaccines are highly effective at preventing severe illness from COVID-19 requiring hospitalization.



## Deaths

People who are not fully vaccinated are:

**32**

times more likely to die of COVID-19 related illness

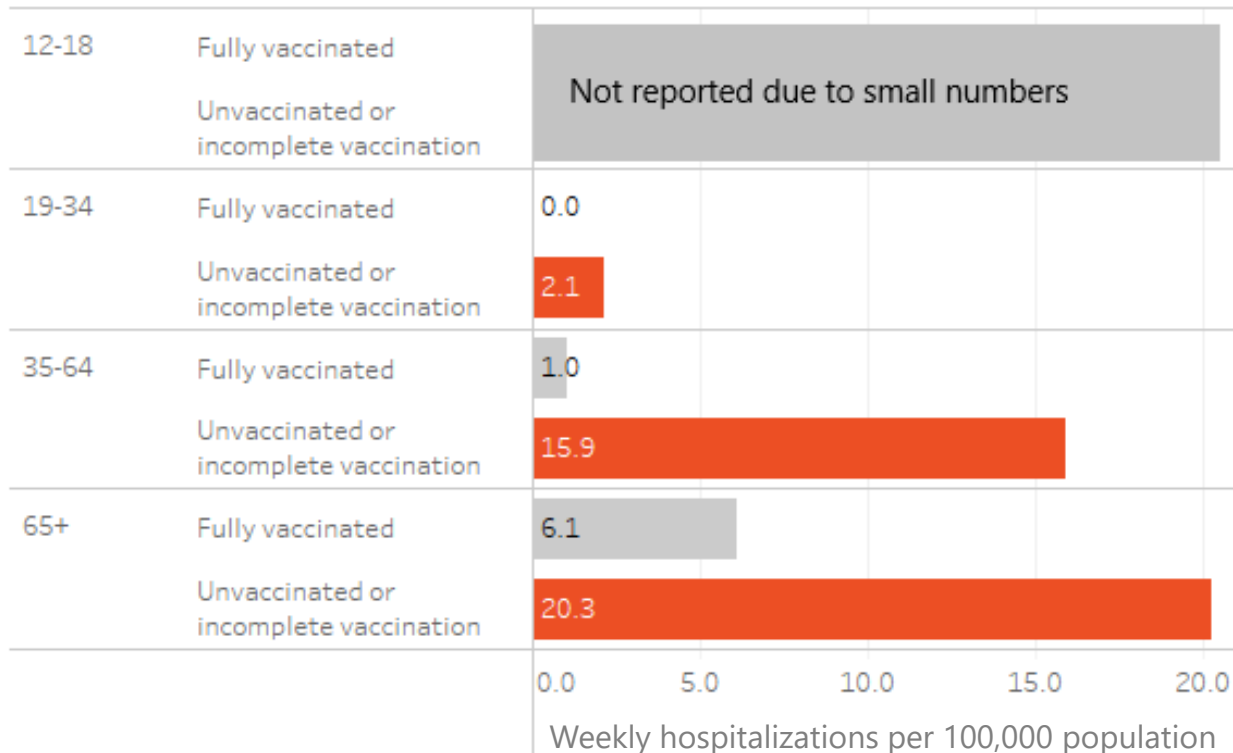
Relative Risk trend

Getting vaccinated dramatically reduces one's risk of dying from COVID-19. Deaths among the unvaccinated have tended to affect younger and healthier people than the comparatively rare deaths among vaccinated people.



# Risk of COVID Hospitalization 6.7x higher for persons not fully vaccinated

By age group



- **Dramatic risk difference for 35-64 year age group.** Fully vaccinated patients aged 35-64 were 16 times less likely to be hospitalized than unvaccinated or incompletely vaccinated patients.
- No Kitsap resident under 34yo who is fully vaccinated has been hospitalized as of 9/2/2021.

Data range: 6/28/2021 – 8/29/2021

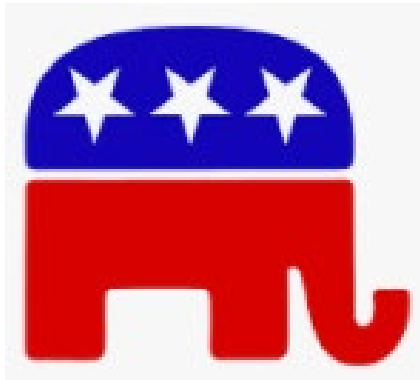


# Vaccine Mandates –Ethics/Implementation

- Mandates are never Plan A in Public Health
- Reserved for meaningful, important and consequential health threats
- Currently implemented in healthcare, airlines, retailers, banks, food, communications, tech, government, transportation, energy, including oil and gas, restaurants, entertainment
- Supported by many unions (teachers, nurses, some fire...)
- Technical advice and toolkits for small businesses interested in doing mandates
- Exemptions for sincerely held religious beliefs and legitimate medical conditions may allow for accommodations (or may not)
- Litigation and case law supports vaccination requirements and the higher legal risk may be in not mandating vaccines

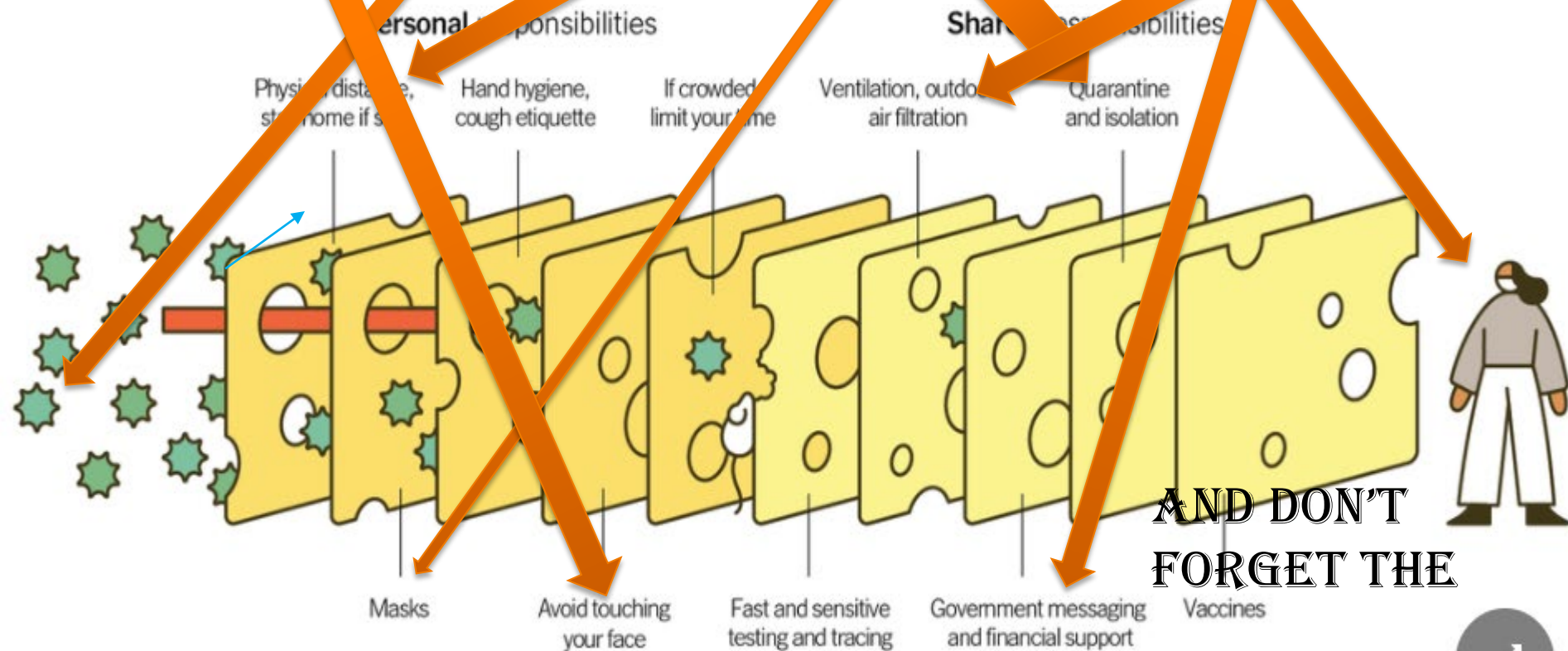


# Politics and Science – Same Team(?)



# Leviticus and Swiss Cheese Layered Protection Model

“ANYONE WITH SUCH A **DEFILING DISEASE** MUST WEAR **TORN CLOTHES**, LET THEIR HAIR BE UNKEMPT [A] **COVER THE LOWER PART OF THEIR FACE** AND CRY OUT, ‘**UNCLEAN! UNCLEAN!**’ 46 AS LONG AS THEY HAVE THE DISEASE THEY REMAIN UNCLEAN. THEY **MUST LIVE ALONE**; THEY **MUST LIVE OUTSIDE** THE CAMP.



# Resources and References

- [Outbreak Associated with SARS-CoV-2 B.1.617.2 \(Delta\) Variant in an Elementary School — Marin County, California, May–June 2021](#)
- [PUBLIC HEALTH ON CALL364 - The Ethics of COVID-19 Vaccine Mandates](#)
- [PUBLIC HEALTH ON CALL365 - The Politicization of COVID-19 Vaccines](#)
- [All the major companies requiring vaccines for workers \(Fortune\)](#)
- [Acute and Post-Acute Neurological Complications of COVID-19](#)
- [Neurological complications caused by COVID-19 are frequent and represent a risk that compromises the functional capacity and the life of patients.](#)
- [Post-COVID-19 Pulmonary Fibrosis: Novel Sequelae of the Current Pandemic](#)
- [Getting Ready for Future Pandemics an 'Economic and Moral Imperative'](#)
- [Most private insurers are no longer waiving cost-sharing for COVID-19 treatment](#)
- [Risk of myocarditis from SARS-CoV-2 infection is higher in young males, a study finds](#)

