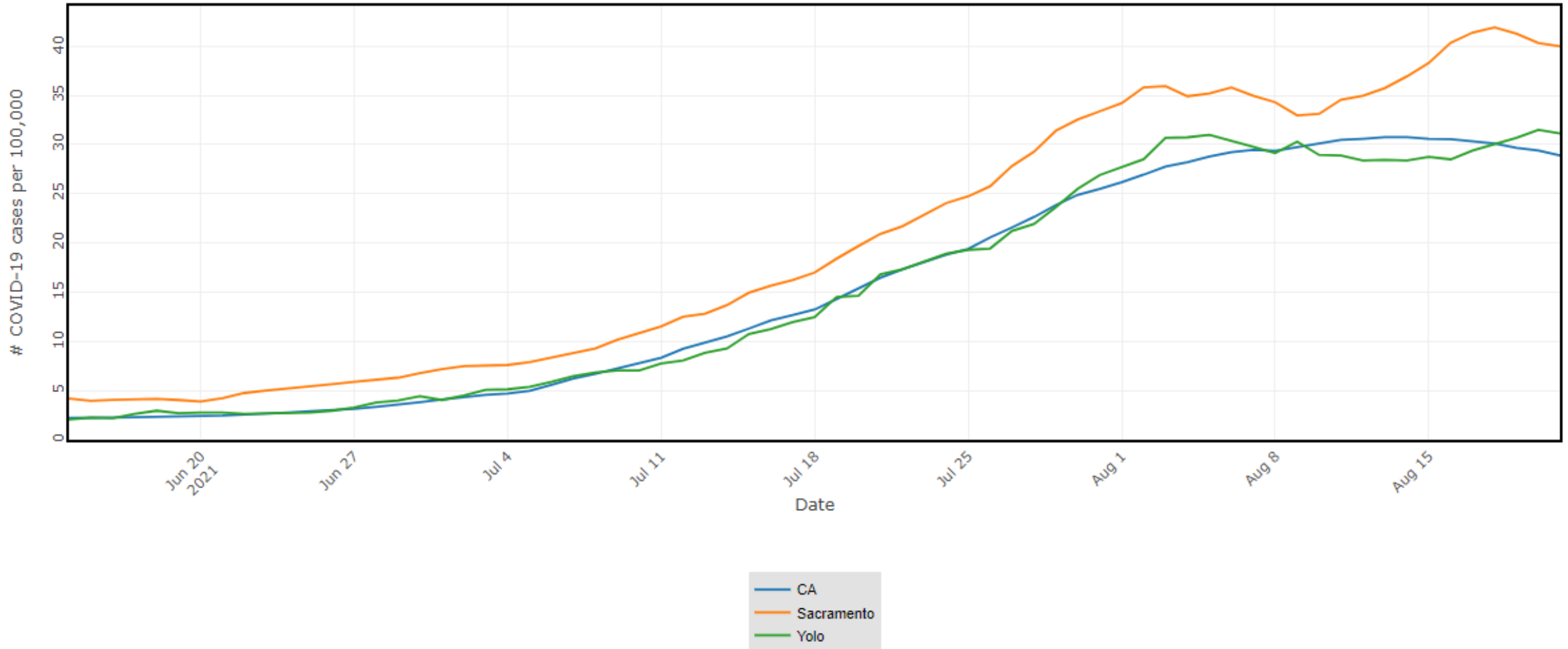


Overview

- COVID by the numbers
- COVID vaccines
- Face coverings
- Back to school

Yolo's COVID-19 case rate may have peaked (again).



Data are lagged by 9 days

Yolo's daily case rate of 31 qualifies as high per CDC.

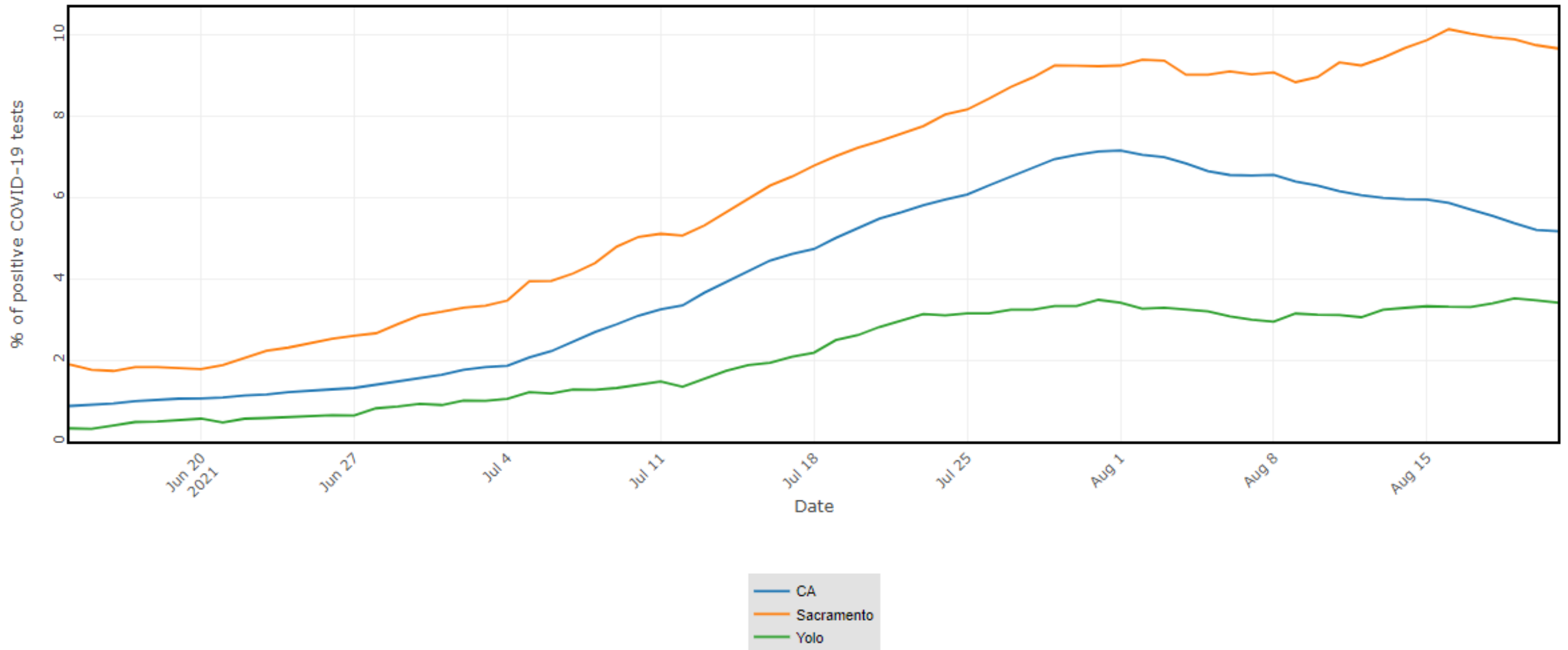
Yolo
31.1/100k/day
218/100k/week



Table 1. CDC Indicators and Thresholds for Community Transmission of COVID-19¹

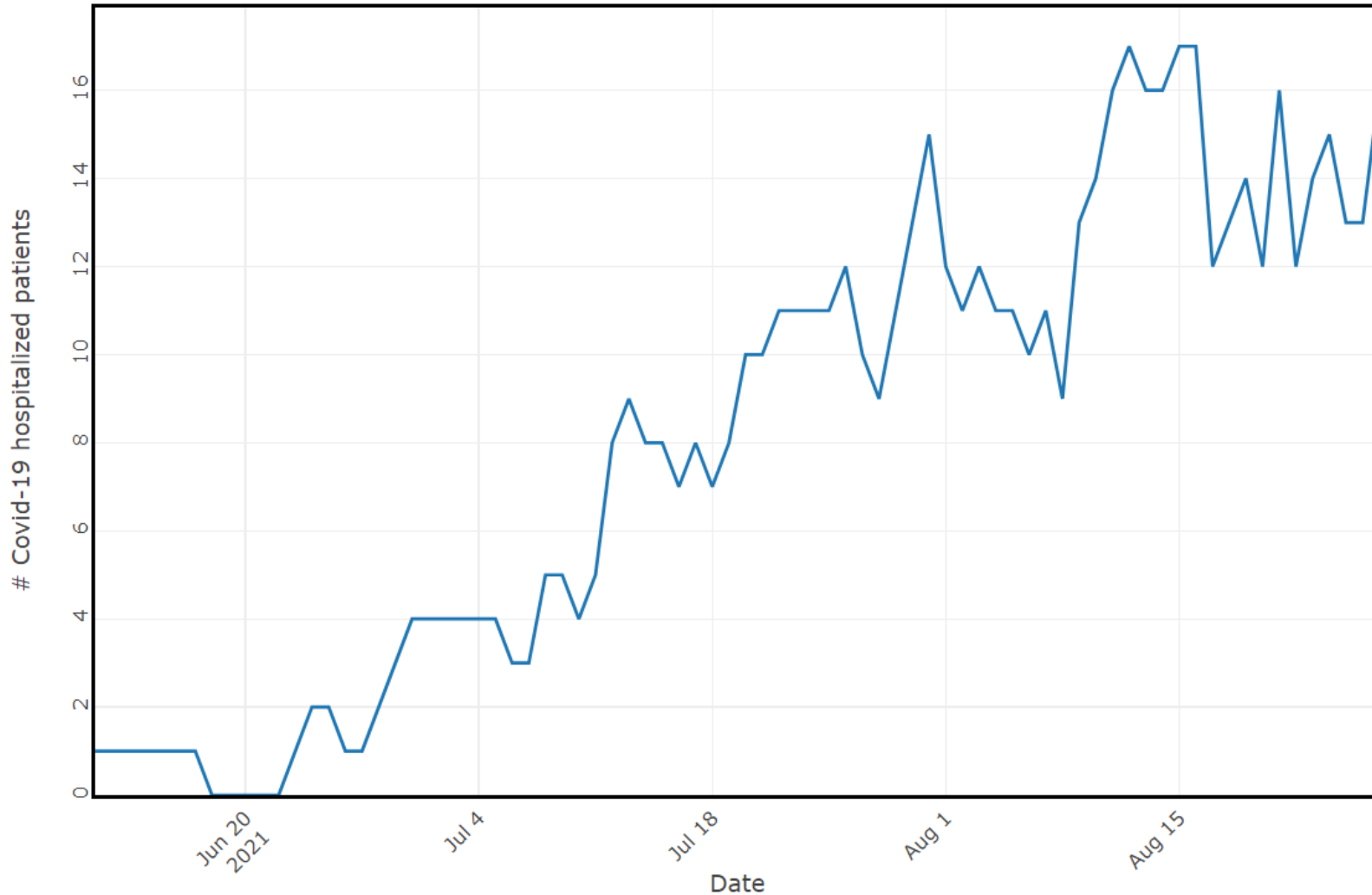
Indicator	Low Transmission Blue	Moderate Transmission Yellow	Substantial Transmission Orange	High Transmission Red
Total new cases per 100,000 persons in the past 7 days ²	0-9	10-49	50-99	≥ 100

Yolo's COVID-19 testing positivity no longer rising.

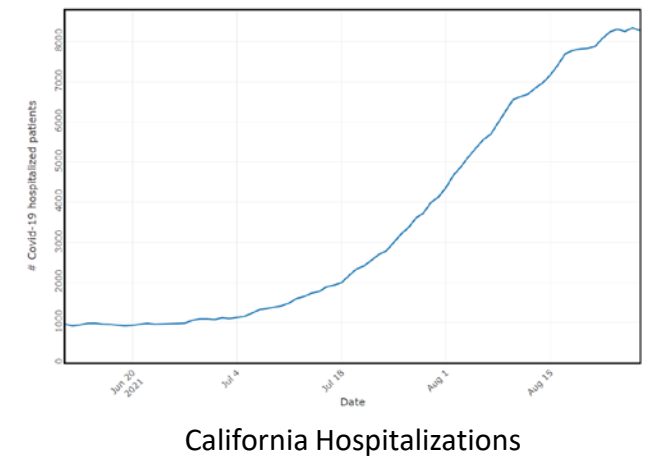


Data are lagged by 9 days

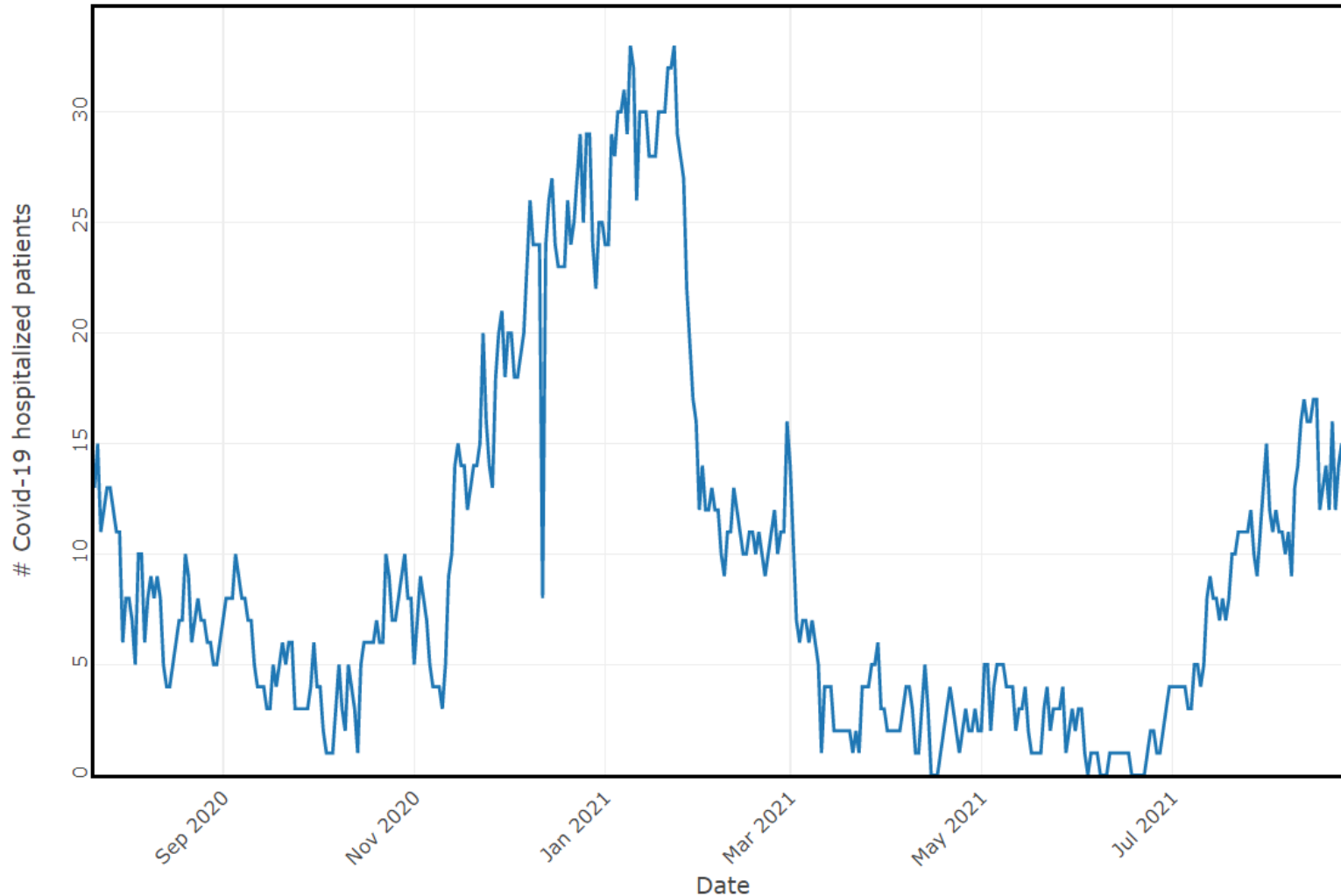
COVID-19 hospitalizations may be leveling off.



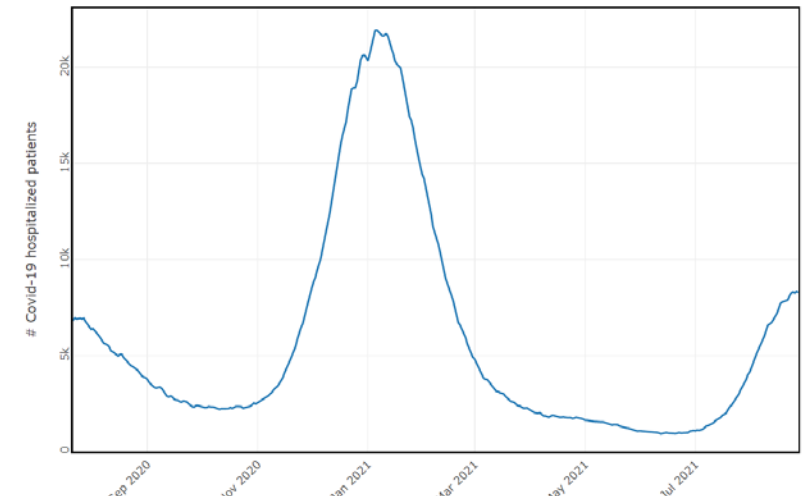
Date	COVID-19+ Patients in Hospital
6/15	1
8/30	16 (9 ICU)



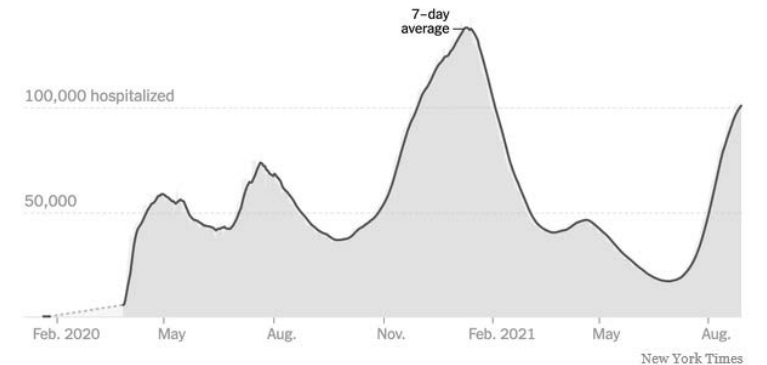
Hospitalizations below peak of winter surge.



California Hospitalizations



United States Covid-19 Hospitalizations >



Almost all COVID-19 hospitalizations are in unvaccinated persons.

- On 8/30, 15/16 (94%) COVID-19-positive patients in Yolo hospitals were unvaccinated

Nearly all infections caused by Delta variant.

- During 8/15-8/21, 288/302 (95%) positive samples at UC Davis Genome Center were Delta variant
- Delta over twice as transmissible as original virus
- Delta variant doubles risk of hospitalization compared with Alpha

Vaccines provide protection against COVID-19.

- Vaccines are safe and effective
 - Pfizer vaccine now has full FDA approval for ages 16+ as confirmation of its safety and effectiveness
 - Since December 2020, millions of Americans have been safely vaccinated
- Vaccines are best protection against COVID-19, especially severe disease, hospitalization, and death
- In California, case rate 7x higher among unvaccinated
 - Case rate in unvaccinated = 51/100k/d; case rate in vaccinated = 7.2/100k/d

56% of Yolo residents are fully vaccinated.

Age Group	% At Least 1 Dose	% Fully Vaccinated
All Ages	63%	56%
12-15	53%	44%
16-19	44%	38%
20-24	46%	41%
25-29	71%	62%
30-34	93%	81%
35-44	88%	77%
45-54	86%	76%
55-64	93%	83%
65-74	94%	86%
75-84	85%	79%
85+	84%	75%

Vaccine coverage varies across Yolo County.

City	Zip Code†	% with any vaccine	% fully vaccinated
West Sacramento	95605	48.5%	41.6%
	95691	62.3%	55.4%
	95798		
	95799		
	Total†	58.5%	51.7%
Davis	95616	62.2%	57.3%
	95617		
	95618	72.3%	66.6%
	Total†	76.3%	70.3%
Woodland	95695	65.1%	56.9%
	95776	68.7%	60.3%
	Total†	75.0%	65.9%
Winters	95694	61.0%	47.1%

Brooks	95606	62.1%	49.6%
Capay	95607	82.1%	72.0%
Clarksburg	95612	68.4%	59.7%
Dixon§	95620		
Dunnigan	95937	52.7%	45.3%
Esparto	95627	55.6%	44.4%
Guinda	95637	60.1%	52.4%
Knights Landing	95645	69.8%	58.5%
Madison	95653	66.1%	52.8%
Rumsey	95679	27.0%	23.4%
Yolo	95697	90.3%	78.7%
Zamora	95698	58.7%	54.3%
Overall	Total	63.2%	56.1%

Third doses authorized for immunocompromised.

- CDC recommends people who are moderately to severely immunocompromised should receive an additional dose of mRNA COVID-19 vaccine after the initial 2 doses
- This includes people who have:
 - Been receiving active cancer treatment for tumors or cancers of the blood
 - Received an organ transplant and are taking medicine to suppress the immune system
 - Received a stem cell transplant within the last 2 years or are taking medicine to suppress the immune system
 - Moderate or severe primary immunodeficiency (such as DiGeorge syndrome, Wiskott-Aldrich syndrome)
 - Advanced or untreated HIV infection
 - Active treatment with high-dose corticosteroids or other drugs that may suppress your immune response
- Third doses are available through health care providers (not Yolo County Public Health)

Booster doses are not yet authorized.

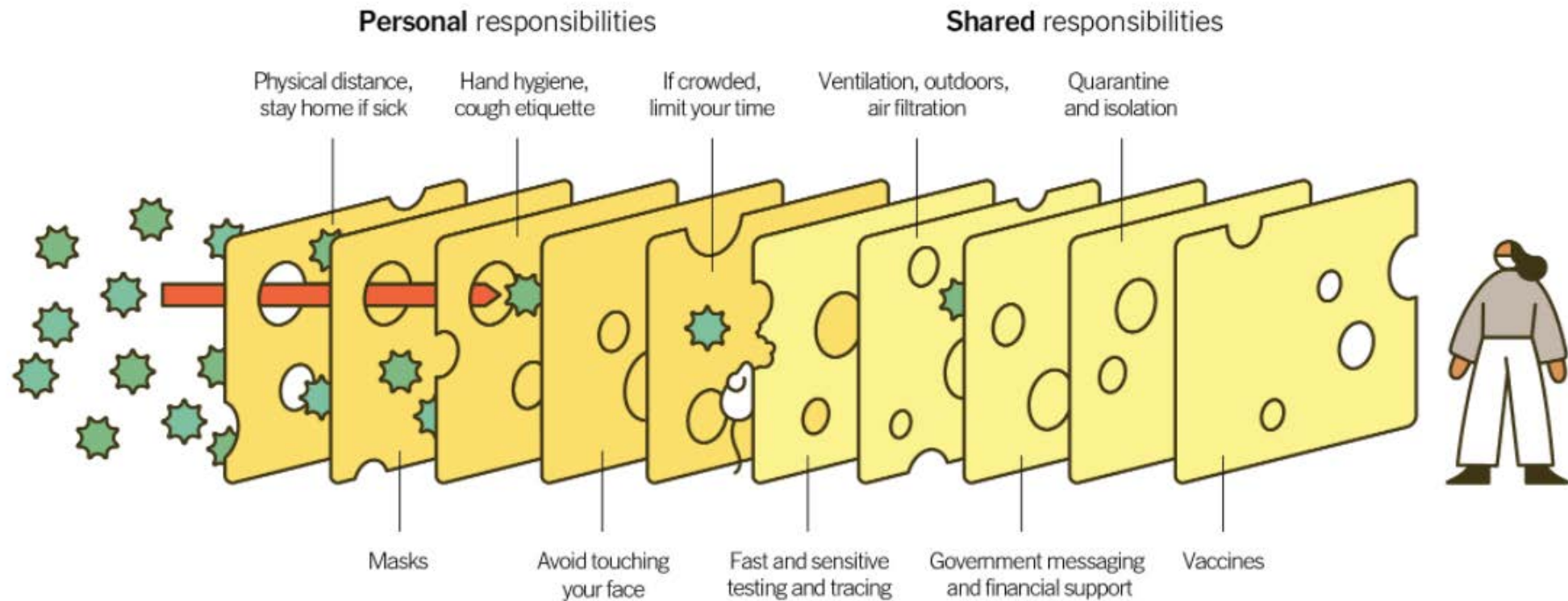
“Although CDC does **not** recommend additional doses or booster shots for any other population at this time, HHS has [announced a plan](#) to begin offering COVID-19 vaccine booster shots this fall. CDC’s independent advisory committee, the Advisory Committee on Immunization Practices, will continue to meet and discuss data on the evolution of the pandemic and the use of COVID-19 vaccines. ACIP will make further recommendations on the use of boosters for the public after a thorough review of the evidence.”

<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/booster-shot.html>

Vaccines are necessary but not sufficient.

Multiple Layers Improve Success

The Swiss Cheese Respiratory Pandemic Defense recognizes that no single intervention is perfect at preventing the spread of the coronavirus. Each intervention (layer) has holes.



Masks provide additional layer of protection.

- Yolo County Health Officer order requires all persons over 2y to wear a mask indoors, regardless of vaccination status
- CDC recommends unvaccinated persons wear a mask outdoors in areas of high community transmission (includes Yolo County) when in a crowd or can't maintain 6 feet of distance from others
 - Yolo County Health Officer recommendation for outdoor masking on K-12 campuses

Yolo County students are back in school.

- Keeping students safely in school is a top priority
 - Student learning, development, & mental health
 - Supports rest of workforce
- There will be cases and close contacts on campuses
 - Washington Unified: 71 cases, 527 persons exposed (since 8/5)
 - DJUSD: 18 current cases, 21 contacts currently quarantined
 - Woodland: 32 cases (since 8/1)
- Goal is minimal transmission on campuses

Safety layers make schools safer.



- COVID-19 vaccinations

The vaccine is the best protection against COVID-19. It is a safe and effective way to prevent serious illness and allows students to get back to enjoying the things they love most, including school sports, clubs, and social events. Your child can get the vaccine if they are age 12 or older.

- Masks

Masks are required to be worn indoors for all K-12 students and staff. Masks are simple and very effective. They keep the virus from spreading in the air from one person to another indoors.



- Ventilation

Good airflow in classrooms and school buildings helps remove air that may contain the virus and replaces it with healthy air for your child.

- Hand washing

Washing your hands regularly reduces the amount of germs on your hands to prevent the spread of COVID-19 from touching surfaces or others.



- Staying home when sick

If your child feels sick, keep them home from school so that they can get better faster. Ask the school if your child needs COVID-19 testing before coming back.

- Testing

COVID-19 testing can detect the virus even before your child or other students or teachers start to feel sick. Schools that do regular testing with unvaccinated students and teachers help everyone stay safer and stay in school.



- Contact tracing

Your child's school or local health department will notify parents and teachers who had close contact with someone on campus who tested positive for COVID-19.

- Only 41% of Yolo 12-15 year-olds fully vaccinated
- Only 36% of Yolo 16-19 year-olds fully vaccinated
- School staff must be vaccinated by October 15 or tested weekly
- Outdoor masking provides additional protection and helps keep kids in school on modified quarantine

- Any single symptom may be COVID. Stay home and get tested.
- Student with close contact to a case on campus can stay in school if both case and student masked ONLY if student tested 2x/week
- Healthy Yolo Together offering testing in every public school district in Yolo County. Sign up at <https://healthydavistgether.org/schooltesting/>

Pandemic fatigue is real, but we can't give up.

The U.S. now faces a dispiriting dilemma. Last year, many people were content to buy time for vaccines to be developed and deployed. But vaccines are now here, uptake has plateaued, and the first surge of the vaccine era is ongoing. What, now, is the point of masking, distancing, and other precautions?

The answer, as before, is to buy time—for protecting hospitals, keeping schools open, reaching unvaccinated people, and more. Most people will meet the virus eventually; we want to ensure that as many people as possible do so with two doses of vaccine in them, and that everyone else does so over as much time as possible. The pandemic isn't over, but it will be: The goal is *still* to reach the endgame with as little damage, death, and disability as possible.