

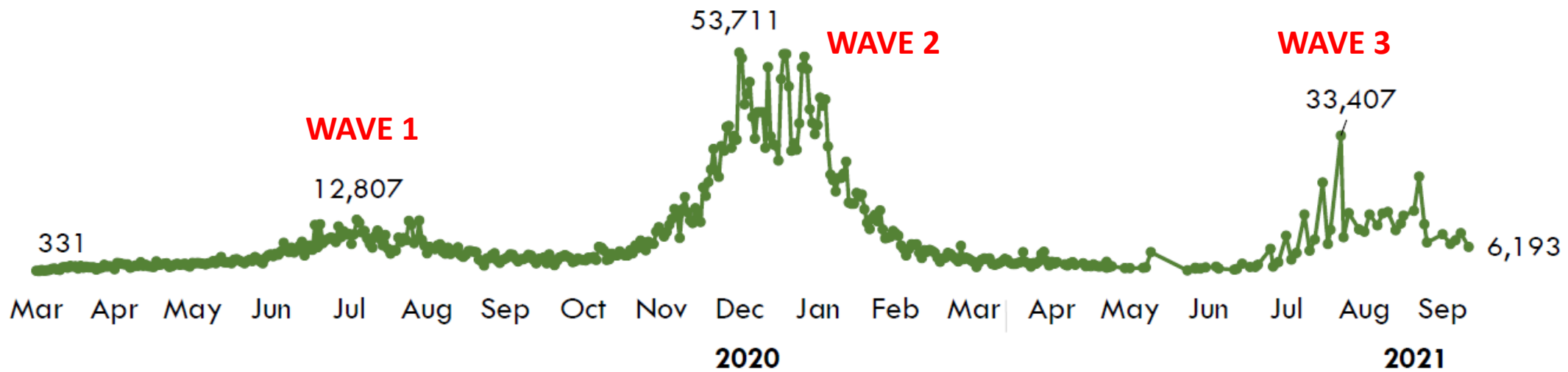


# CRIHB COVID-19 Updates September 21, 2021

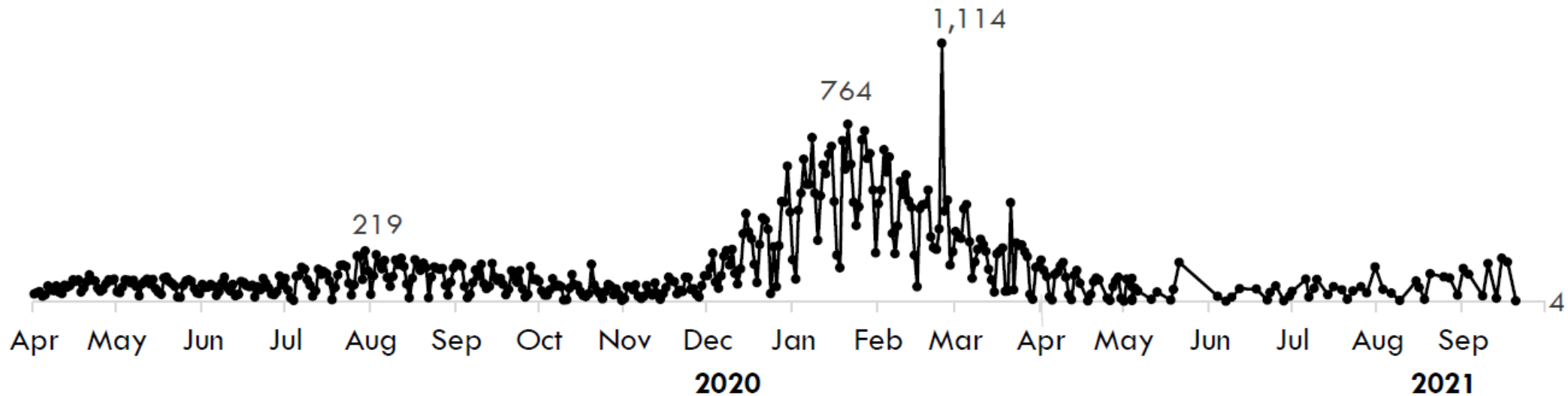
*Please sign-in in the Group  
Chat with your name and  
Tribe or Indian Health  
Program name*



New Confirmed Cases in California by Date



New Confirmed Deaths in California by Date



As of 9/20/2021. Source: CDPH

California COVID-19 threat level: **Very High**

**DAILY NEW CASES**

 **39.3** PER 100K

COVID NOT CONTAINED AND  
DAILY NEW CASES AT HIGH LEVELS

**INFECTION RATE**

 **1.12**

COVID IS STILL SPREADING  
AT MEDIUM LEVELS

**POSITIVE TEST RATE**

 **6.3%**

INDICATES MEDIUM TESTING

Lab tests reported statewide\*: 79,431,188

7-day test positivity rate\*: 5.4%

\*as of 8/22/21

California COVID-19 threat level: **Very High**

**DAILY NEW CASES**

 **25.7** PER 100K

COVID NOT CONTAINED AND  
DAILY NEW CASES AT HIGH LEVELS

**INFECTION RATE**

 **0.90**

COVID IS STILL SPREADING  
BUT AT LOW LEVELS

**POSITIVE TEST RATE**

 **3.7%**

INDICATES MEDIUM TESTING

Lab tests reported statewide\*: 89,332,249

7-day test positivity rate\*: 3.0%

\*as of 9/19/21



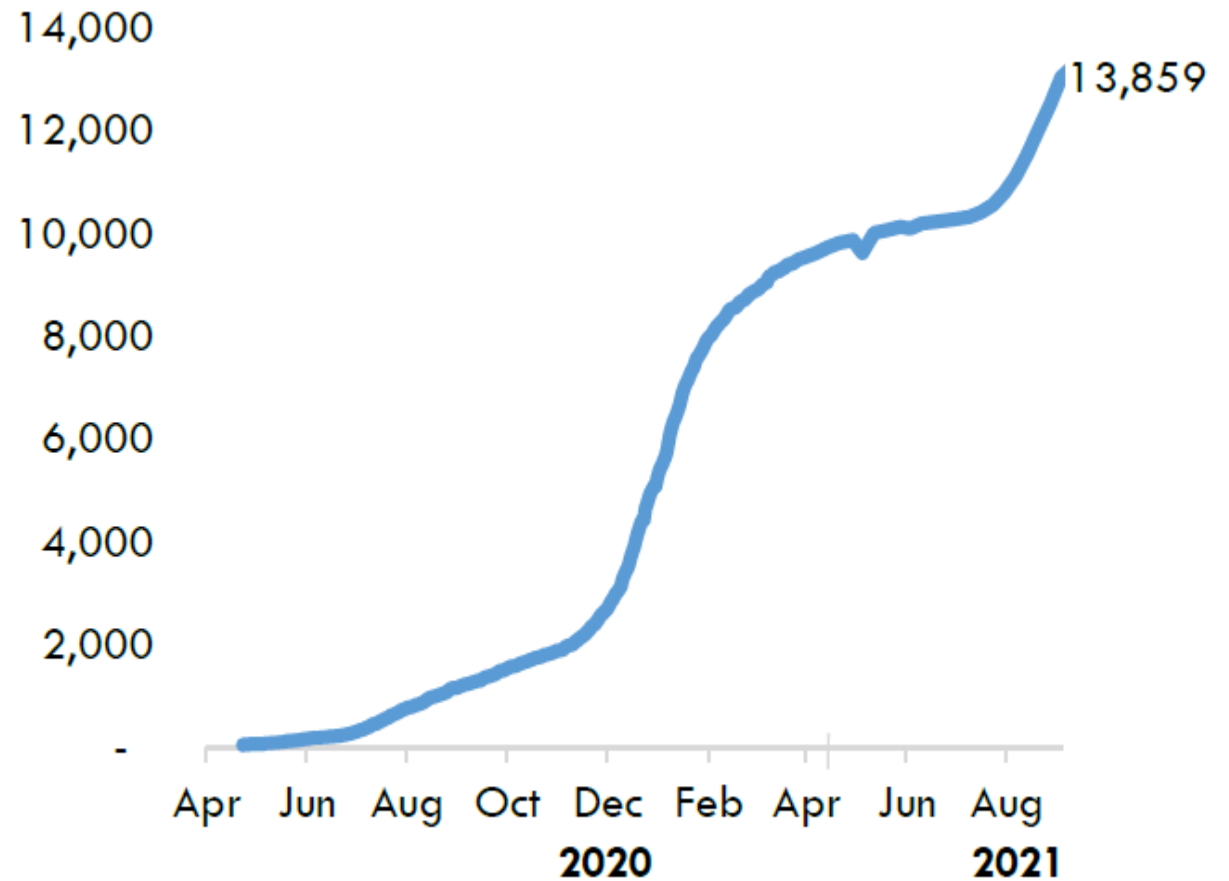
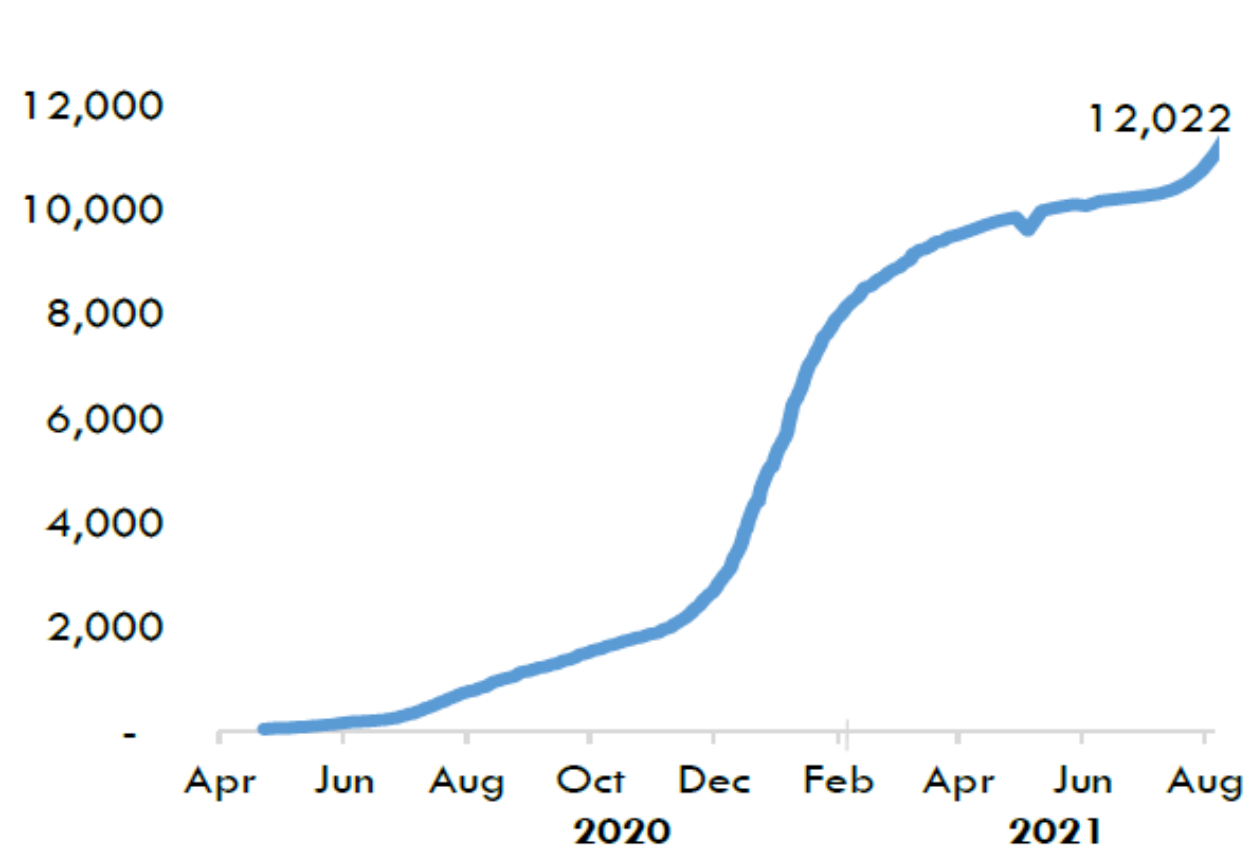


# Variants in California

As of September 15, 157,168 samples have been sequenced in California. In August 2021, 8% of cases in California have been sequenced so far. In July 2021, 16% of cases in California were sequenced. The table below shows the percent of specimens sequenced that are variants of concern or variants of interest statewide.

Specimen Collection Month	Alpha	Beta	Gamma	Delta	Epsilon	Zeta	Eta	Iota	Kappa
21-Sept	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%

# COVID-19 cases in AIAN





# Outbreaks in Tribal communities

- Multiple Tribal communities in California are currently experiencing large COVID-19 outbreaks
- COVID-19 deaths in Tribal communities
- Limited resources in rural communities and schools
- Higher COVID-19 incidence rates in AIAN school age children (5-18 year of age) from rural counties when compared to urban counties



# Vaccine updates

- An FDA panel voted on 9/17/2021 in favor of Pfizer boosters for individuals 65 and older or those immunocompromised.
  - Not official yet but the agency usually follows what the panel recommends.
- Pfizer vaccine clinical trials in children ages 5 to 11 are showing promising results. They still need to apply for an Emergency Use Authorization with the FDA but Pfizer is expecting vaccine rollout for this age group by Halloween.

## Two sources for tracking American Indian and Alaska Native (AIAN) vaccinations administered in California

Data from [California Department of Public Health \(CDPH\)](#) does not include vaccines administered by Federal entities such as **Indian Health Service**, Department of Defense, U.S. Federal Bureau of Prisons, and Veterans Affairs.

**48,448,279**

Doses administered

**2,827,536**

People partially vaccinated

**23,461,596**

People fully vaccinated



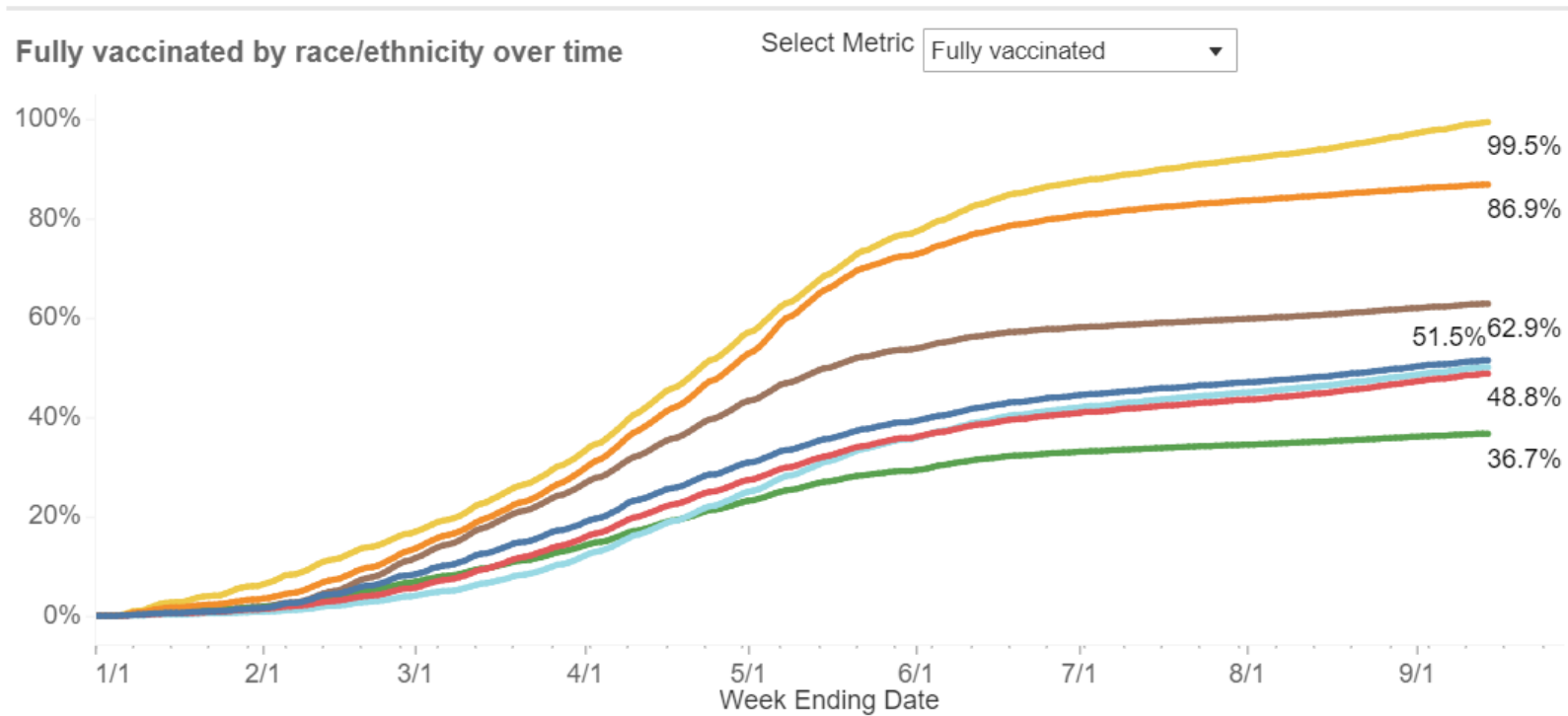
### Doses administered by county of residence

Los Angeles	12,452,527
San Diego	4,365,912
Orange	4,021,102
Santa Clara	2,861,693
Alameda	2,306,016

As of 9/20/2021. Source: CDPH



# Fully vaccinated by race/ethnicity in California



**AIAN = 51.5%**

Note: Population estimates do not include "other" or "unknown" race and ethnicity categories, therefore their percentage of state population is not available. Some race/ethnicity groups in this county may have small populations. Where the county of residence was not reported, the county where vaccinated is used. Data is not shown where there are fewer than 11 records in a group.

- American Indian or Alaska Native
- Asian American
- Black
- Latino
- Multi-Race
- Native Hawaiian and other Pacific Islander
- Other Race
- Unknown
- White

Source: CDPH, accessed 9/21/2021



# CDC Foundation COVID-19 Corps Staff

- The CDC Foundation has hired the following position to serve California Tribal communities. This is a 100% remote and will work directly with California Tribes and Tribal/Urban Indian Health Programs.
- Tribal Nation Health Educator
  - Jaylin Bell, [jbell@cdcfoundation.org](mailto:jbell@cdcfoundation.org)
- Tribal Nation Emergency Preparedness Planner
  - Erika Porter, [eporter@cdcfoundation.org](mailto:eporter@cdcfoundation.org)
- Tribal Nation Epidemiologist
  - Krista Morris, [kmorris@cdcfoundation.org](mailto:kmorris@cdcfoundation.org)
- Tribal Nation Public Health Disease Investigator
  - Mwhaki Gaciri, [mgaciri@cdcfoundation.org](mailto:mgaciri@cdcfoundation.org)



# CDC Foundation COVID-19 Corps Staff

- Expect to have the following additional CDC foundation staff by the end of September, 2021
  - Tribal Nation Epidemiologist
  - Tribal Nation Health Educator
  - Tribal Nation Public Health Investigator



*Submit CTEC TA online request:*  
<https://crihb.org/technical-assistance-request-form/>

## How to reach us for questions:

Clinical-related assistance:

Thomas Kim, MD, MPH

Medical Director/Epidemiologist

[tkim@crihb.org](mailto:tkim@crihb.org)

Community or grant-related assistance:

Kathleen Jack, MPH

Deputy Director, Research and Public Health

[kjack@crihb.org](mailto:kjack@crihb.org)

Epidemiologic or data-related assistance:

Aurimar Ayala, MPH

Epidemiology Manager

[aayala@crihb.org](mailto:aayala@crihb.org)



# Selected Recent Covid-19 Updates

---

THOMAS J. KIM, MD, MPH  
HEALTH SYSTEMS DEVELOPMENT  
CALIFORNIA TRIBAL EPIDEMIOLOGY CENTER  
SEPTEMBER 21, 2021



# Outline

---

- Covid-19 vaccine booster dose
- Forthcoming Covid-19 vaccination of young children

# STAT

## Covid-19 overtakes 1918 Spanish flu as deadliest disease in American history



Spanish Flu: 675,000  
Covid-19: > 677,000

By [Helen Branswell](#) Sept. 20, 2021



Volunteer nurses from the American Red Cross tend to influenza patients in the Oakland Municipal Auditorium, used as a temporary hospital in 1918. *Edward A. "Doc" Rogers/Library of Congress via AP*

# FDA panel has recommended use of 3<sup>rd</sup> booster dose

---

- VRBPA Panel recommendations (non-binding)
  - For aged 65 and older
  - High risk of severe illness
  - Healthcare workers
  - High risk of exposure (e.g. teachers)
- Final decision forthcoming
- ACIP recommendations for booster in those immunocompromised; no other recommendation on boosters
- Confusion with Biden administration announcement

ORIGINAL ARTICLE

# Protection of BNT162b2 Vaccine Booster against Covid-19 in Israel

Yinon M. Bar-On, M.Sc., Yair Goldberg, Ph.D., Micha Mandel, Ph.D.,  
Omri Bodenheimer, M.Sc., Laurence Freedman, Ph.D., Nir Kalkstein, B.Sc.,  
Barak Mizrahi, M.Sc., Sharon Alroy-Preis, M.D., Nachman Ash, M.D.,  
Ron Milo, Ph.D., and Amit Huppert, Ph.D.

ABSTRACT

**BACKGROUND**

On July 30, 2021, the administration of a third (booster) dose of the BNT162b2 messenger RNA vaccine (Pfizer–BioNTech) was approved in Israel for persons who were 60 years of age or older and who had received a second dose of vaccine at

Published September 16

# Other factors in immunity...

---

**nature**

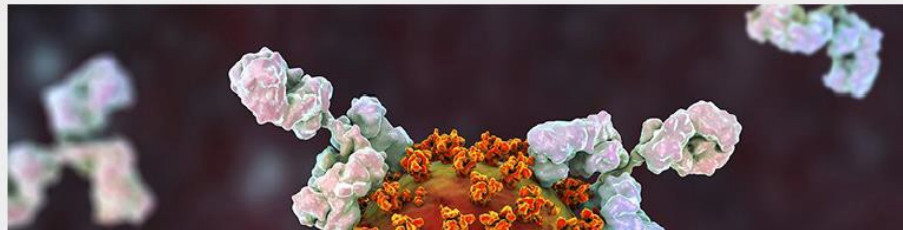
---

NEWS EXPLAINER | 17 September 2021

## **COVID vaccine immunity is waning — how much does that matter?**

As debates about booster shots heat up, what's known about the duration of vaccine-based immunity is still evolving.

[Elie Dolgin](#)







## Children and COVID-19: State-Level Data Report

- Published 9/16/21
- Nationwide – since start of pandemic
  - 5.5 million infected children
  - 16% of all cases
- Nationwide - September 2-16
  - 225,978 new cases in children
  - Represented 25% of all new cases in that period
  - Is 10% of all cases in children since beginning of pandemic
- In CA, 580 cases of Multisystem Inflammatory Syndrome in Children (MIS-C)
  - Inflammatory condition that causes organ damage

# Anticipating FDA Authorization of Covid-19 vaccines for young children

---

- Pfizer reporting that clinical trials since March showing safety and efficacy for ages 5-11
- Trial and analysis not fully completed
- Once completed at end of September, data submitted to FDA for likely EUA amendment
- Unknown timeline for availability
- Trial results for aged < 5 is forthcoming as well
- Moderna also will complete trial in 4<sup>th</sup> quarter

# Differences in vaccine trials in young children

---

- Children are not smaller adults
- Identifying dose is challenging
- Ensuring that vaccines are interfering with each other
- Ethical considerations
- Why so slow to finish?

# Preparing for booster dose and pediatric immunizations

---

- Preparing educational materials and opportunities
- Town hall sessions
- Workplace clinics
- Weekend / afterschool clinic hours
- Home-based outreach

# Questions

---

- To what degree will parents who haven't gotten the vaccine affect the level of vaccination of their children?
- What are parents greatest concern in letting their child get vaccinated? How can we address this?
- What are the pros and cons of using vaccine mandates in a tribal community?
- Knowing that we will need booster doses bring more assurance or confusion to our Tribal community members?
- What has been the influence of faith leaders with regard to vaccination?



# CRIHB COVID-19 Meeting Notes

## CRIHB STAFF

## ATTENDEES:

Aurimar Ayala  
Dr. Thomas Kim  
Kathleen Jack

**DATE: Wednesday, September 21<sup>st</sup>, 2021 (3:30 PM -4:30 PM, PST)**

**HOST: CRIHB**

**MEETING RECORDING:** [https://us02web.zoom.us/rec/share/YE9vYLjFhztg7mBdN7pXF-tiPLhLY18wNfg-DZHRKEXQ62\\_GLxVebekPriq2KMkm.00hLHAAIlg-jRbj34?startTime=1632263462000](https://us02web.zoom.us/rec/share/YE9vYLjFhztg7mBdN7pXF-tiPLhLY18wNfg-DZHRKEXQ62_GLxVebekPriq2KMkm.00hLHAAIlg-jRbj34?startTime=1632263462000)

### **Topics discussed:**

- Current case and vaccine data trends
- Covid-19 vaccine booster dose
- Children and COVID-19

### **Data Updates:**

- Wave 3 of confirmed COVID-19 cases in California reached a peak of 33,407 cases during the summer. However, there were 6,193 cases as of September 17<sup>th</sup>
- California COVID-19 threat level is still very high as of September, but numbers of daily new cases, infections rates, and positive tests rates have gone down since August
- CDPH reports 12,022 cases among AIAN in August and 13,859 cases among AIAN in September, an overall increase in cases

### **Vaccine Updates as of 09/21/21:**

- On September 17<sup>th</sup>, an FDA panel voted in favor of Pfizer boosters for specific groups. Not yet official
- CDPH reports 23.4 million who are fully vaccinated or ~59% of CA total population, and 51.5% AIAN who are fully vaccinated

### **Children and COVID-19 Updates:**

- As of September 2<sup>nd</sup>-16<sup>th</sup>, there were 225,978 new cases
- Plans for COVID-19 vaccinations for children

### **CDC Response:**

- The CDC Foundation hired the following positions to serve California tribal communities; Tribal Nation Health Educator; Tribal Nation Emergency Preparedness Planner; Tribal Nation Epidemiologist; Tribal Nation Public Health Disease Investigator

### **Implications for Next Steps:**

- Prepare educational materials and opportunities to engage community members
- Townhall sessions to inform and reassure the community about vaccine development
- Extending clinic hours to the weekends and after school hours to make the vaccine more accessible
- Home-based outreach