California Area Indian Health Service COVID-19 Vaccine Distribution

RACHEL HARVEY, MPS
CALIFORNIA AREA COVID-19 VACCINE POINT OF CONTACT
California Area IHS Overview

72 California IHS, Tribal, and Urban Indian healthcare sites are enrolled to receive COVID-19 vaccine from the IHS, including:

• 29 Tribal healthcare programs & their 30 satellite clinics
• 8 Urban Indian healthcare programs & their 4 satellite clinics
• 1 IHS program (Desert Sage Youth Wellness Center)
# COVID-19 Vaccine Distribution to the California Area

<table>
<thead>
<tr>
<th>Pfizer 1</th>
<th>975</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pfizer 2</td>
<td>975</td>
</tr>
<tr>
<td>Pfizer 3</td>
<td>975</td>
</tr>
<tr>
<td>Pfizer 4</td>
<td>0</td>
</tr>
<tr>
<td>Pfizer 5</td>
<td>975</td>
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<td>Pfizer 6</td>
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<td>975</td>
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<td>975</td>
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<td>Pfizer 9</td>
<td>975</td>
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<td>Pfizer 10</td>
<td>975</td>
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<td>Pfizer 11</td>
<td>3510</td>
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<td>Pfizer 12</td>
<td>5850</td>
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<td>Pfizer 13</td>
<td>8190</td>
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<td>Pfizer 14</td>
<td>8190</td>
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<td>7020</td>
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<td>Pfizer 16</td>
<td>5850</td>
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<td>Pfizer 17</td>
<td>2340</td>
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<tr>
<td>Pfizer 18</td>
<td>0</td>
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</table>

<table>
<thead>
<tr>
<th>Moderna 1</th>
<th>5100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moderna 2</td>
<td>1800</td>
</tr>
<tr>
<td>Moderna 3</td>
<td>2500</td>
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<tr>
<td>Moderna 4</td>
<td>1600</td>
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<td>Moderna 5</td>
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<td>Moderna 6</td>
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<td>Moderna 7</td>
<td>2800</td>
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<td>Moderna 8</td>
<td>13000</td>
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<tr>
<td>Moderna 9</td>
<td>2800</td>
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<td>Moderna 10</td>
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<td>Moderna 16</td>
<td>2500</td>
</tr>
<tr>
<td>Moderna 17</td>
<td>1300</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Janssen 1</th>
<th>2500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Janssen 2</td>
<td>200</td>
</tr>
<tr>
<td>Janssen 3</td>
<td>200</td>
</tr>
<tr>
<td>Janssen 4</td>
<td>6500</td>
</tr>
<tr>
<td>Janssen 5</td>
<td>6300</td>
</tr>
<tr>
<td>Janssen 6</td>
<td>2300</td>
</tr>
</tbody>
</table>

Total of 120,025 prime doses

California programs received their full request of doses highlighted in red.
Initially, utilized “Hub-and-Spoke” model to broaden access to limited vaccine

“Hub sites” selected by Tribal and Urban Indian healthcare program directors

“Hub sites” continue to offer redistribution for those sites that do not have access to an ultracold freezer
California Area Pfizer Allocation Timeline cont’d.

After Pfizer 10 (late February), multiple sites were able to obtain Pfizer trays, based on request/need

In total, 12 sites have been able to successfully handle the ultracold Pfizer vaccine, distributed in trays of 1,170 doses
Successful Hub-and-Spoke Model

These 7 “Spoke sites” were able to successfully retrieve the vaccine from a “Hub site” and administer it within 5 days:

Indian health Center of Santa Clara Valley
Lassen Indian Health
MACT Health Board
Northern Valley Indian Health
Shingle Springs Tribal Health Program
Southern Indian Health Council
Table Mountain

Thank you to our “Hub Sites”!
Pit River Health Service
MACT Health Board
Southern Indian Health Council
Distribution of COVID-19 Vaccine

Allocations based on requests and population estimates provided by each Tribal and Urban Indian healthcare program, with consideration of upcoming mass vaccination events and current stock.

Since April 5th, California Tribal and Urban Indian healthcare programs have receiving their full request of vaccine.

Orders are entered directly by the sites and shipped directly to the sites by the manufacturer.
COVID-19 Vaccine Distribution & Administration by IHS Area

<table>
<thead>
<tr>
<th>Area</th>
<th>Total Doses Distributed*</th>
<th>Total Doses Administered**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albuquerque</td>
<td>112,755</td>
<td>102,740</td>
</tr>
<tr>
<td>Bemidji</td>
<td>125,615</td>
<td>92,722</td>
</tr>
<tr>
<td>Billings</td>
<td>55,055</td>
<td>33,855</td>
</tr>
<tr>
<td>California</td>
<td>199,445</td>
<td>92,512</td>
</tr>
<tr>
<td>Great Plains</td>
<td>116,430</td>
<td>65,324</td>
</tr>
<tr>
<td>Nashville</td>
<td>78,537</td>
<td>49,662</td>
</tr>
<tr>
<td>Navajo</td>
<td>246,765</td>
<td>189,124</td>
</tr>
<tr>
<td>Oklahoma City</td>
<td>438,790</td>
<td>290,168</td>
</tr>
<tr>
<td>Phoenix</td>
<td>161,740</td>
<td>115,312</td>
</tr>
<tr>
<td>Portland</td>
<td>82,355</td>
<td>58,718</td>
</tr>
<tr>
<td>Tucson*</td>
<td>9,500</td>
<td>6,901</td>
</tr>
<tr>
<td>Grand Total</td>
<td>1,626,987</td>
<td>1,097,038</td>
</tr>
</tbody>
</table>

California has administered approximately 46% of the doses received.

https://www.ihs.gov/coronavirus/
California Area Administration Data

- **Unknown**: 16%
- **AI/AN**: 36%
- **White**: 33%
- **Other**: 7%
- **Black**: 1%
- **Native Hawaiian/Pacific Islander**: 0%
- **Asian**: 7%

- **Female**: 55%
- **Male**: 45%

- **Moderna Vaccine Administered**: 69%
- **Pfizer Vaccines Administered**: 29%
- **Janssen Vaccine Administered**: 2%

- **Female**: 55%
- **Male**: 45%

- **Unknown**: 16%
- **AI/AN**: 36%
- **White**: 33%
- **Other**: 7%
- **Black**: 1%
- **Native Hawaiian/Pacific Islander**: 0%
- **Asian**: 7%
California Area Population Estimate

California Tribal and Urban Indian healthcare programs estimate needing vaccine for 331,376 individuals statewide

- 18.2% partially vaccinated (1st dose only)
- 8.1% fully vaccinated

Note: These number will change once the vaccines are approved for kids aged <16
Reported Barriers

Community-wide vaccine hesitancy
Vaccine hesitancy among specific populations (e.g. young adults)
Staffing for data entry
Staffing for vaccinating
Staff time away from other priorities
Connectivity issues
Need more vaccine

Possible Solutions

Utilize CDC resources for specific populations
Utilize non-traditional vaccinators (e.g. dentists)
Connect with FEMA for infrastructure and vaccinator support
Work with the Area Vaccine TaskForce
California Area COVID-19 Vaccine Task Force

Beverly Miller, MHA, MBA, Area Director
Rachel Harvey, MPS, Area COVID-19 Vaccine Point of Contact
Kangeyan Pachaiyappan, MD, Area Chief Medical Officer
Carolyn Garcia, MSPH REHS, Director of Environmental Health Services
CDR Carolyn Pumares, PharmD, Area Pharmacy Consultant
Christine Brennan, MPH, Associate Director, Office of Public Health
Gary Mosier, IT Specialist/Database Administrator
Marcella Begay, IT Specialist
Mark Espinosa, MHCA, Specialist Assistant to the Director
CDR Mike Donaleski, DMD, Area Dental Consultant
Reese Weber, MBA, CISSP, Chief Information Security and Privacy Officer
Robert Gemmell, MSIM, Area Chief Information Officer
Steve Thibodeau, MCP, MCP+I, MCSE, IT Specialist-Clinical Informatics Coordinator
Susan Ducore, DNP, MSN, RN, PHN, Area Nurse Consultant

Questions/Concerns?
Contact Rachel.Harvey@ihs.gov
California Area
Indian Health Service
CA COVID-19 Vaccine Update

CDR CAROLYN PUMARES, PHARMD
CALIFORNIA AREA PHARMACY CONSULTANT
## Proportions of SARS-CoV-2 Variants of Concern by State

<table>
<thead>
<tr>
<th>State</th>
<th>B.1.1.7 (UK)</th>
<th>B.1.351</th>
<th>B.1.427/B.1.429 California</th>
<th>P.1</th>
<th>Other lineages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
<td>14.6%</td>
<td>0.2%</td>
<td>2.6%</td>
<td></td>
<td>82.6%</td>
</tr>
<tr>
<td>Arizona</td>
<td>4.3%</td>
<td>31.3%</td>
<td>0.2%</td>
<td>64.2%</td>
<td></td>
</tr>
<tr>
<td>Arkansas</td>
<td>1.6%</td>
<td>5.7%</td>
<td>92.7%</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>California</strong></td>
<td><strong>10.3%</strong></td>
<td><strong>0.1%</strong></td>
<td><strong>56.1%</strong></td>
<td>0.7%</td>
<td>32.6%</td>
</tr>
<tr>
<td>Colorado</td>
<td>16.6%</td>
<td>25.9%</td>
<td>0.3%</td>
<td>57.3%</td>
<td></td>
</tr>
<tr>
<td>Connecticut</td>
<td>16.1%</td>
<td>0.8%</td>
<td>7.4%</td>
<td>0.4%</td>
<td>75.4%</td>
</tr>
<tr>
<td>District of Columbia</td>
<td>16.2%</td>
<td>0.8%</td>
<td>5.9%</td>
<td></td>
<td>77.1%</td>
</tr>
<tr>
<td>Florida</td>
<td>34.5%</td>
<td>0.3%</td>
<td>9.4%</td>
<td>1.2%</td>
<td>54.6%</td>
</tr>
</tbody>
</table>

Researchers identify five new cases of ‘double mutant’ Covid variant in California
HOW HERD IMMUNITY WORKS

When no one has immunity, contagion has many opportunities to spread quickly.

The more immunity we have in the system, the less often contagion comes into contact with the susceptible.

Spread of contagious disease is contained.

- We reached herd immunity for measles, mumps, polio, and chickenpox in the U.S. through vaccines.
- Herd immunity without a vaccine will result in catastrophic numbers of deaths.
- Scientists expect herd immunity with 80-90% of people vaccinated.
- However, herd immunity applies to the community around us. That’s why you’ll see outbreaks (e.g., measles) in communities with low vaccine uptake.

https://www.ucdavis.edu/covid-19/what-to-know-about-herd-immunity/

Vaccine Confidence

Ca Area Vaccine Task Force findings

- Most people who wanted the vaccine have gotten the vaccine
- Current Issue- finding people to vaccinate

Community Concerns

- “Waiting it out,” seeing what happens, prefer to see others get it first (elders, leaders)
- Transportation issues (particularly for rural or urban without a car), people with disabilities
- Historical trauma/Government mistrust
- Vaccine was rushed to be made
- Politics

Vaccine concerns are valid, respectable, and should be answered by a qualified physician or agency
Benefits of Getting Vaccinated

Vaccination protects you, your family, and your community from any symptomatic COVID-19

**All currently available vaccines are 100% effective in preventing COVID-19–related hospitalization and death**

Being unvaccinated may increase your risk of getting COVID-19 and serious long-term complications

Brown, Arleen MD, PhD, Norris, Keith, MD, PhD, Dubinett, Steve MD. *STOP COVID-19 Understanding and Reducing Disparities in COVID-19*. (accessed 3/13/2021)
Limited Vaccine Availability

The best vaccine is the vaccine in *your arm*!

- Johnson & Johnson/Janssen = “One and *DONE!*”
  - One shot vs. two
  - FDA & CDC recommends pause on use pending review (4/13/2021)

- Limited supplies means no or limited ability to choose which vaccine may be available to you

- Thus, any vaccine will greatly reduce risk of hospitalization and death from COVID-19
Pediatrics – Alarming Vaccine Rates

Concerns

• Pediatrics – vaccine rates are down significantly at alarmingly low rates due to COVID, closures, fear, and reduced clinic and staff capacity

• As children return to “in school” learning, there’s an increased risk for Vaccine Preventable Diseases to spread

• COVID-19 vaccines currently have a 2-week spacing requirement between other vaccines
  • COVID vaccine could put overdue vaccinations behind further
  • Awaiting ACIP guidance on the 2-week spacing
Adolescent/Pediatric Populations

All 3 FDA EUA approved vaccines seeking adolescent approval and/or expanding into pediatrics

Pfizer
- 12-15 years old
  - Anticipate EUA submission as early as April/early May

Moderna
- 16-17 years old EUA submission planned
  - Anticipate EUA submission as early as May/June
  - Clinical trials enrolling for 6+ months
  - Potential data in the Fall

Janssen
- 16-17 years old
  - Anticipate EUA submission as early as July
- 12-15 years old
  - Anticipate EUA submission as early as August
Pediatrics – Actions We Can Take Now!

Communicate with health program and all tribal stakeholders
• Coordinate/refer ALL children overdue for well child checks and past due immunizations
• Discuss potential vaccine events and future collaborations with COVID vaccine team
  ◦ Offer COVID vaccine as part of routine care?

Speak with your health program to consider adolescents the opportunity to be “on the list” for COVID vaccine when it is available
  ◦ Collect current phone/email, etc, when they are getting other routine immunizations
  ◦ Schedule on a “wait list” for simple recall
  ◦ School-based vaccine clinics
Vaccine Resources for Tribes
CDC Toolkit for Tribal Communities

Featured Resources

Guidance and Planning Documents
- Considerations for Gaming Enterprises
- Tribally focused COVID resources

FAQs

Posters

Fact Sheets

Social Media items to share

Videos
- Wes Studi video

CDC Vaccine Confidence Consults

Resource for specific sites/tribes needing assistance with devising local strategies to increase vaccine acceptance

Areas for Technical Assistance

◦ Identifying barriers to vaccine uptake or confidence
◦ Effectively communicating with the public about COVID-19 vaccine and answering questions/concerns
◦ Address COVID-19 vaccine misinformation
◦ Increase vaccine confidence among healthcare personnel
◦ Increase healthcare provider capacity to support vaccine education and confidence
◦ Engage community partners and trusted messengers in increasing vaccine confidence
CDC Vaccine Confidence Consults

Key Steps in Consultation Process

- Step 1: Request – fill out consult request form
  - [https://docs.google.com/forms/d/e/1FAIpQLScqBztk2VJN87HUqlHD0nzj0S7OuGAcmrhUlck82p-UMt7Jw/viewform](https://docs.google.com/forms/d/e/1FAIpQLScqBztk2VJN87HUqlHD0nzj0S7OuGAcmrhUlck82p-UMt7Jw/viewform)
  - Vaccine confidence team will consult with Tribal System Support Liaison on request

- Step 2: Intake
  - Schedule 30 minute call to identify and prioritize challenges and needs

- Step 3: Consultation
  - Identify Experts
  - Schedule Consults
  - Conduct Consults
  - Share Resources

- Step 4: Follow-up

For further info or questions email: ConfidenceConsults@cdc.gov
CDC Support for Tribal Populations

What Does CDC’s COVID-19 Tribal Support Unit Do?

Technical assistance in following areas:

- Contact tracing
- Community mitigation
- Data Collection & Analysis
- Epidemiology and surveillance support
- Infection prevention and control
- Mapping
- Water, sanitation, and hygiene support
- Health and risk communications
- Response management
CDC Support for Tribal Populations

Remote Support
- Tribal Liaison Officers
- Technical assistance (TA) plan tailored for your community
- Implementation TA
- Information sharing
- Linking to resources and contacts
- Training for developing and implementing a contact tracing plan

Protocol Review
- Incident Command Structure
- Case management
- Contact tracing
- Reopening
- Recovery

CDC staff deployments
- Epidemiological Teams
- Contact Tracing Teams
- Water Access Teams
- Infection Prevention and Control Teams
- Incident Command Teams

Staffing support
- Opportunities to provide public health staff

Request support:
Contact Tribal Support Unit: eocevent362@cdc.gov
HHS’ Social Media Frames

We Can Do This – I Got My COVID-19 Vaccine (blue)
By U.S. Department of Health and Human Services

We Can Do This – Let’s Get Vaccinated (blue)
By U.S. Department of Health and Human Services

We Can Do This – I Got My COVID-19 Vaccine (magenta)
By U.S. Department of Health and Human Services

We Can Do This – Let’s Get Vaccinated (magenta)
By U.S. Department of Health and Human Services

Quaranteam
By Patricia Parkinson

LINK: social media profile frames
California COVID-19 Response Toolkit

Resources in 7 languages

La vacuna del COVID-19 está aquí

- Mantente informado. Sigue usando mascarilla.
- Validada por los principales expertos médicos del país por su seguridad y eficacia
- Proveída sin costo
- Plan de distribución por fases basado en el riesgo y el nivel de exposición
- Las vacunas contra el COVID-19 estarán disponibles para todos en 2021

Las vacunas contra el COVID-19 estarán disponibles para todos en 2021

- Aprobada por médicos y científicos
- Los trabajadores de salud y los residentes en centros de cuidados a largo plazo serán los primeros en ser vacunados
- Proveída sin costo
- Plan de distribución por fases basado en el riesgo y el nivel de exposición

Expertos médicos respaldan las vacunas del COVID-19

- Tu seguridad es prioridad
- Con la vacuna podemos acabar con la pandemia
- Proveída sin costo
#COVID19 vaccines are safe and do their job. Don’t worry if you experience side effects. Think of them as signs your vaccine worked!

Side effects can include fatigue, sore arm, fever, aches, or chills. Visit VaccinateALL58.com for more COVID-19 facts.

Did you know?

It’s normal for some people to experience side effects from the COVID-19 vaccines.

Social Media Materials

- [https://drive.google.com/drive/folders/1HEK63g95lfjLa6UO3lHDIW8-JMtYr3uK](https://drive.google.com/drive/folders/1HEK63g95lfjLa6UO3lHDIW8-JMtYr3uK)
- Designed for each platform to educate, create a sense that “people like me” and “people I trust” are getting vaccinated, encourage people to take action
- Repost, link or retweet hashtags
**Normalize: Community Spotlights**

Featuring a photo of a community member such as: example 1; example 2

<table>
<thead>
<tr>
<th>Facebook</th>
<th>Instagram</th>
<th>Twitter</th>
</tr>
</thead>
<tbody>
<tr>
<td>(INSERT PICTURE OF COMMUNITY MEMBER)</td>
<td>(INSERT PICTURE OF COMMUNITY MEMBER)</td>
<td>(INSERT PICTURE OF COMMUNITY MEMBER)</td>
</tr>
</tbody>
</table>

(Insert Name) is getting vaccinated because “quote about why they are getting vaccinated”

(Insert Name) knows that vaccines are one of our most powerful tools to end the pandemic, visit [INSERT COUNTY/CITY SPECIFIC WEBSITE] for the most up-to-date information in your area.

(Insert Name) is getting vaccinated because “quote about why they are getting vaccinated.”

(Insert Name) knows that vaccines are one of our most powerful tools against #COVID19, visit the link in our bio for the most up-to-date information in your area. #VaccinateALL58

(Insert Name) is getting vaccinated because “quote about why they are getting vaccinated”

(Insert Name) knows that vaccines are one of our most powerful tools to end the pandemic, visit [INSERT COUNTY/CITY SPECIFIC WEBSITE] for the most up-to-date information in your area.

#CommunityForAll
John Hopkin’s Center for American Indian Health

COVID-19 Resources for Native American Communities
- Resources arranged for Tribal Leaders, Community Members, Healthcare workers

Link: [https://caih.jhu.edu/resource-library/](https://caih.jhu.edu/resource-library/)

Various social media kits for substance use and staying well, radio broadcasts, COVID-19 Response, Maternal & Child Health Resources

Our Smallest Warriors, our strongest medicine, overcoming COVID-19
- Printable children’s book
- Parent and caregiver resources

Link: [Our Smallest Warriors, Our Strongest Medicine: Overcoming COVID-19 | Center for American Indian Health (jhu.edu)](https://caih.jhu.edu/resource-library/)
How do you say these words in your language?

Grandmother: ___________________

Love: ___________________

Hug: ___________________

Smile: ___________________

Happy: ___________________

John Hopkin’s Center for American Indian Health

Our Smallest Warriors, our strongest medicine, overcoming COVID-19
CRIHB’s #COVIDVACCINESAVESLIVES AD Campaign

Public Health Updates - California Rural Indian Health Board (crihb.org)

Click on the images below to view CRIHB’s and CTEC’s #CovidVaccineSavesLives ad campaign posters.

ORDER A POSTER
Vaccination Campaign Considerations

• Partner with local Tribal/Urban health program

• Tap into resources available in your county

• Consider regional tribal community listening sessions
  ◦ CCUIH, CRIHB, IHS-CAO in partnership with STOP COVID-19 CA team
  ◦ Interested?
  ◦ Contact: Carolyn.Pumares@ihs.gov

• Consider telling your story
  ◦ Capture vaccine journey on video
  ◦ Consider telling your story in your language
  ◦ Share on social media or with your tribal/urban health program
Remember even after getting the vaccine

Continue to

- Wear a mask
- Stay 6 feet apart
- Avoid crowds
Questions

National Vaccine Task Force Deputy Co-Leads

CDR Kailee Fretland, PharmD
Kailee.Fretland@ihs.gov

CDR Holly Van Lew, PharmD
Holly.VanLew@ihs.gov

CA Area Vaccine Point of Contact:
Rachel Harvey, MPS
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CA Area Pharmacy Consultant
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