

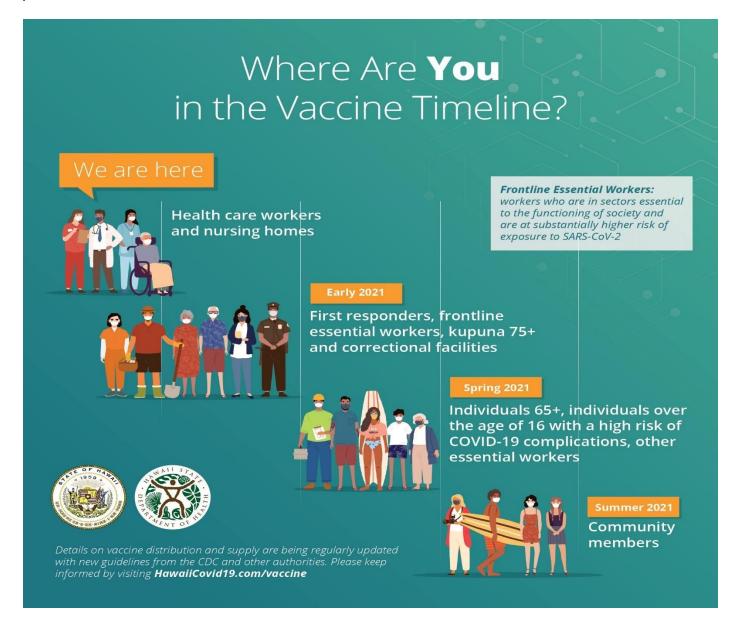




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## **Covid Vaccine Information**

The Covid vaccine has been released and in Hawaii, like most states, they are following a phased rollout as to who begins getting the vaccine. Hawaii Department of Health (DOH) has laid out a 4 phase plan to get the vaccine to everyone. As recommended by the CDC they are vaccinating healthcare workers, residents in long-term care facilities and First responders initially. But following their plan, the vaccine should be offered to all of those who want the vaccine by the middle of this summer. Please see the graphic below from the Hawaii DOH to see when it should be available to you.



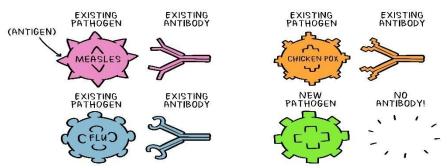




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### How do vaccines work?

Vaccines help develop immunity by imitating an infection. Your body thinks it has the infection and makes antibodies that remember the illness and how to fight the disease in the future. It does take a few weeks after being vaccinated for the body to make these antibodies. And for most vaccines, you will need an initial shot and a booster later in order to have the maximum protection. There is a great free online program that you can check out or show your kids to learn more about vaccines. Lessons | The Vaccine Makers Project



When a new pathogen or disease enters our body, it introduces a new antigen. For every new antigen, our body needs to build a specific antibody that can grab onto the antigen and defeat the pathogen.

## What is herd immunity and why should I care?

Not everyone can be vaccinated because of health issues, or allergies to parts of the vaccine or they are not old enough to receive the vaccine. But, if a lot of people in the community are vaccinated, it is hard for the disease to find someone to infect and be passed along to others because most of the community is immune to the illness. So, the more people who are vaccinated, the less likely those who could not be vaccinated will encounter the illness and that is heard immunity. Most of the "herd" is immune and so the people who are vulnerable are not exposed to the illness. So when you get vaccinated, you are not only protecting yourself, but you are protecting your kaiāulu. And remember, there currently are no Covid vaccines approved for children younger than 16, so by you getting vaccinated you are helping to protect our Keiki!





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# Concerned about getting the Covid vaccine?

The CDC has provided some common answers to questions. Please see the link below. https://www.cdc.gov/vaccines/covid-19/hcp/answering-questions.html

The CDC has also provided a video on what to expect after getting the vaccine

What to Expect After Getting a COVID-19 Vaccine - YouTube

As well as a **Flyer** What to Expect after Getting a COVID-19 Vaccine (cdc.gov)

Finally, I wanted to share the FDA has provided information on both available vaccines in multiple languages! The Moderna vaccine is only available to those who are 18 years or older at this time.

Moderna COVID-19 Vaccine | FDA

The Pfizer vaccine is available to those who are 16 years or older. Pfizer-BioNTech COVID-19 Vaccine | FDA



Studies are currently ongoing in patients younger than these age groups. Also, if you have had a history of a severe allergic reaction to vaccines or medications that caused you to STOP breathing, consult your medical provider prior to getting your Covid vaccine.

## Things to remember once you are vaccinated

For those who have gotten their first vaccine, remember it takes a few weeks for your body to respond and start producing antibodies. **DO NOT** stop wearing your mask or forget about social distancing. You need that second dose to get the maximum protection provided by the vaccine. Also, remember, a vaccine helps protect and they are not 100% effective. They are extremely effective, but not 100%. So, keeping that in mind, until a large percent of the population is vaccinated it is still recommended to maintain your social distancing of 6 feet, no gatherings of groups, and wear your mask. MAHALO!







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### References

How do vaccines work? (who.int)

<u>Understanding How Vaccines Work | CDC</u>

Lessons | The Vaccine Makers Project

COVID-19 Vaccine - Hawai'i DOH: Info & Resources for Managing COVID-19 (hawaiicovid19.com)

https://www.cdc.gov/vaccines/covid-19/hcp/answering-guestions.html

What to Expect After Getting a COVID-19 Vaccine - YouTube

Moderna COVID-19 Vaccine | FDA

Pfizer-BioNTech COVID-19 Vaccine | FDA

What to Expect after Getting a COVID-19 Vaccine (cdc.gov)