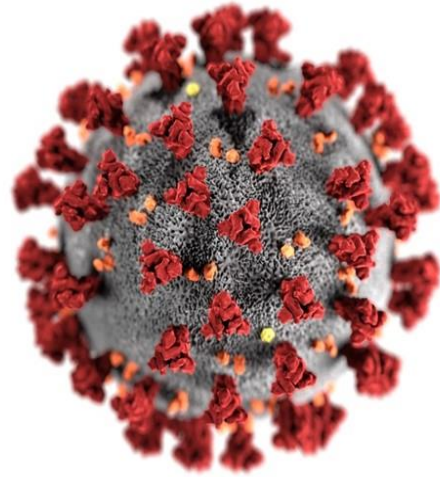


COVID-19 Vaccine Implementation

Dr. Georgina Peacock
January 25, 2021



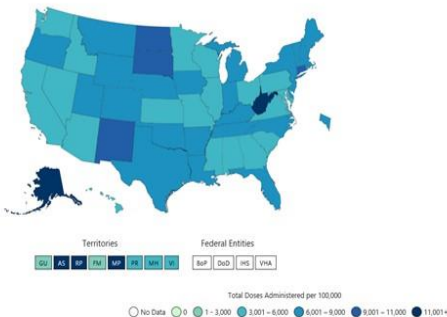
COVID-19 Vaccine Distribution and Initiation

As of January 24, 2021

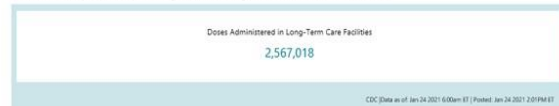
Overall US COVID-19 Vaccine Distribution and Administration



Total Doses Administered Reported to the CDC by State/Territory and for Selected Federal Entities per 100,000



Federal Pharmacy Partnership for Long-Term Care Program (Subset of Overall Numbers)



Available: <https://covid.cdc.gov/covid-data-tracker>

1/24/21

COVID-19 Vaccination is a Safer Way to Build Protection

- Getting the virus that causes COVID-19 may offer some natural protection, known as an antibody or immunity.
 - However, experts don't know how long this protection lasts.
- The risk of severe illness and death from COVID-19 far outweighs any benefits of natural immunity.
- COVID-19 vaccination will help protect you by building immunity without the risk of severe illness.



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COVID-19 Vaccines Under FDA Emergency Use Authorizations (EUAs)

- Two vaccines have received Emergency Use Authorizations (EUAs) from the FDA:
 - **Pfizer/BioNTech:** 2 doses given at least 21 days apart
 - **Moderna:** 2 doses given at least 28 days apart
- Both vaccines were tested in tens of thousands of adults from diverse backgrounds, including older adults and communities of color.
- Clinical trial data show that both vaccines are safe and effective at preventing COVID-19.
- It is unknown how long protection from vaccines might last.

Sources: <https://www.pfizer.com/news/press-release/press-release-detail/pfizer-and-biontech-conclude-phase-3-study-covid-19-vaccine>
<https://investors.modernatx.com/news-releases/news-release-details/modernas-covid-19-vaccine-candidate-meets-its-primary-efficacy>

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Explaining mRNA COVID-19 Vaccines

- mRNA vaccines take advantage of the process that cells use to make proteins in order to trigger an immune response
 - Like all vaccines, COVID-19 mRNA vaccines have been **rigorously tested** for safety before being authorized for use in the United States
 - mRNA technology is **new, but not unknown**. They have been studied for more than a decade
 - mRNA vaccines **do not contain a live virus** and do not carry a risk of causing disease in the vaccinated person
 - mRNA from the vaccine never enters the nucleus of the cell and **does not affect or interact with a person's DNA**

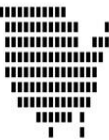
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ACIP: COVID-19 Vaccine Guiding Principles

E
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Y



Efficient Distribution. During a pandemic, efficient, expeditious and equitable distribution and administration of authorized vaccine is critical



Flexibility. Within national guidelines, state and local jurisdictions should have flexibility to administer vaccine based on local epidemiology and demand

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Overview of Groups Prioritized by ACIP

Phase 1a

- ✓ Health care personnel
- ✓ Long-term care facility residents

Phase 1b

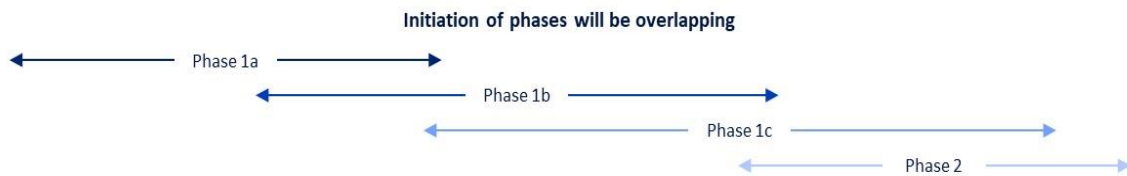
- ✓ Frontline essential workers
- ✓ Persons aged 75 years and older

Phase 1c

- ✓ Persons aged 65-74 years
- ✓ Persons aged 16-64 years with high-risk conditions
- ✓ Essential workers not recommended in Phase 1b

Phase 2

- ✓ All people aged 16 years and older not in Phase 1, who are recommended for vaccination



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Special challenges and considerations for vaccination of older adults

- Access to information about when they are eligible for vaccination and where they can obtain vaccine
- Vaccine access for persons living in
 - Congregate settings
 - Adult family homes
 - Rural areas
- Vaccine access for persons with
 - Cognitive decline
 - Limited family or community support
 - Mobility or disability challenges
 - Limited or no transportation

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Key Facts about COVID-19 Vaccination



Getting vaccinated can help prevent getting sick with COVID-19



People who have already gotten sick with COVID-19 may still benefit from getting vaccinated



COVID-19 vaccines cannot give you COVID-19



COVID-19 vaccines will not cause you to test positive on COVID-19 viral tests*

<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/about-vaccines/vaccine-myths.html>

*<https://www.cdc.gov/coronavirus/2019-ncov/hcp/testing-overview.html>

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What to expect before, during, and after COVID-19 vaccination

Before



- Learn about COVID-19 vaccines.
- See if COVID-19 vaccination is recommended for you.

During



- Read the fact sheet that tells you about the specific COVID-19 vaccine you receive.
- Receive a vaccination record card.

After



- Expect some side effects.
- Enroll in v-safe. V-safe will remind you if you need a second shot.
- Continue using all the measures to protect yourself and others.

V-safe: <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/safety/vsafe.html>

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Safety of COVID-19 Vaccines is a Top Priority

COVID-19 vaccines are being held to the **same safety standards** as all vaccines.

Before Authorization



ACIP

- FDA carefully reviews all safety data from clinical trials.
- ACIP reviews all safety data before recommending use.

After Authorization



- FDA and CDC closely monitor vaccine safety and side effects. There are systems in place that allow CDC and FDA to watch for safety issues.

VAERS Vaccine Adverse Event Reporting System
www.vaers.hhs.gov



V-safe: <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/safety/vsafe.html>

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Active Safety Monitoring for COVID-19 Vaccines

- **V-safe** is a new CDC smart-phone based monitoring program for COVID-19 vaccine safety
 - Uses text messaging and web surveys to check-in with vaccine recipients after vaccination
 - Participants can report any side effects or health problems after COVID-19 vaccination
 - Includes active telephone follow-up by CDC for reports of significant health impact



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Vaccination is one measure to help stop the pandemic

- While COVID-19 mRNA vaccines appear to be highly effective, additional preventive tools remain important to limit the spread of COVID-19.
- The combination of getting vaccinated and following CDC recommendations to protect yourself and others offers the best protection from COVID-19.
 - Cover your nose and mouth with a mask.
 - Stay at least 6 feet from people who don't live with you.
 - Avoid crowds and poorly ventilated indoor spaces.
 - Wash your hands.



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Protect yourself, your family, friends, coworkers, and your community.

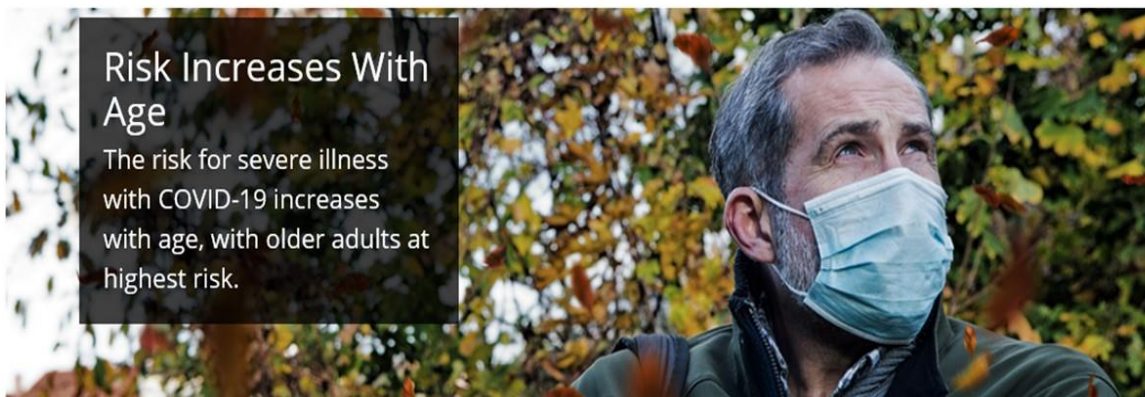
Get vaccinated.

- Choose to get vaccinated when it is offered.
- Participate in **v-safe** and help CDC monitor for any health effects after vaccination.
- Share your experience with coworkers, friends, and family.
- Know the basics about the COVID-19 vaccine. Help answer questions from your family and friends.
- Show you received the vaccine by wearing a sticker or button prominently.



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Additional information about COVID-19 among older adults



www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/older-adults.html

1/25/21

CDC Resources

Learn more with CDC's COVID-19 vaccine tools and resources. Find information for COVID-19 vaccination administration, storage, reporting, patient education, and more.

- COVID-19 Vaccination:
<https://www.cdc.gov/vaccines/covid-19/index.html>

COVID-19 Vaccine Communications Toolkits

- Medical Centers, Clinics, and Clinicians
- Long-Term Care Facilities
- Community Based Organizations
- Essential Workers

The screenshot shows the CDC COVID-19 vaccine resources website. At the top, there is a search bar and navigation tabs for 'Your Health', 'Vaccines', 'Cases & Data', 'Work & School', 'Healthcare Workers', 'Health Topics', and 'More'. A prominent 'ACT NOW!' button is visible. Below the navigation, there is a section for 'COVID-19 Vaccine: Helps protect you from getting COVID-19' with a 'GET THE VACCINE' button. A 'Getting Ready for Your COVID-19 Vaccine' section contains a form with questions like 'Does it hurt?', 'Is it safe?', and 'Are there side effects?'. To the right, there is a 'How Do I Get a Vaccine?' section with a 'Select State / Territory' dropdown. Below this, there is a 'Getting Your Vaccine' section with three steps: 'Before Your Appointment', 'After Your 1st Vaccine', and 'Get Your 2nd Dose'. At the bottom, there is a 'COVID-19 Vaccine Data' section with a table showing 'Total Doses Distributed' (39,892,400) and 'Total Doses Administered' (19,107,959). There are also 'I GOT MY COVID-19 VACCINE!' buttons and a 'GETTING BACK TO NORMAL' graphic with icons for getting vaccinated, wearing a mask, staying 6 feet away, and washing hands.

COVID-19 Vaccine Data	
Total Doses Distributed	39,892,400
Total Doses Administered	19,107,959

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Thank you



The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 www.cdc.gov