COVID-19 Vaccine Implementation

Dr. Janell Routh
January 21, 2021
The presentation is heavy on vax safety and confidence and that's good but thinking we could either cut one or two or add one slide to better address how the food and ag essential workers (employers too) connect to state/locals/awardees and the providers to try to arrange vaccination for the workers. This is a major gap in the slide deck - how/who does the food and ag employers reach out to for this.

Author, 1/15/2021

Can we mention the upcoming Retail Pharmacy program or expansion (not sure what it's called)

Author, 1/15/2021
# COVID-19 Vaccine Distribution and Initiation

**As of January 20, 2021**

## Overall US COVID-19 Vaccine Distribution and Administration

<table>
<thead>
<tr>
<th>Total Doses Distributed</th>
<th>Total Doses Administered</th>
<th>Number of People Receiving 1 or More Doses</th>
<th>Number of People Receiving 2 Doses</th>
</tr>
</thead>
<tbody>
<tr>
<td>35,990,150</td>
<td>16,525,281</td>
<td>14,270,441</td>
<td>2,161,419</td>
</tr>
</tbody>
</table>

CDC | Updated: Jan 20 2021 As of 6:00am ET

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### U.S. COVID-19 Vaccine Administration by Vaccine Type

- **Pfizer-BioNTech**: 11,261,603 doses
- **Moderna**: 7,239,750 doses
- **Not identified**: 4,468 doses

Total doses administered as of January 20, 2021: 18,734,821

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

Initiation of phases will be overlapping

1/20/21
Essential Workers

Frontline Essential Workers (~30M)
- First Responders (Firefighters, Police)
- Education (Teachers, Support Staff, Daycare)
- Food & Agriculture
- Manufacturing
- Corrections Workers
- U.S. Postal Service Workers
- Public Transit Workers
- Grocery Store Workers

Other Essential Workers (~57M)
- Transportation & Logistics
- Food Service
- Shelter & Housing (Construction)
- Finance
- IT & Communication
- Energy
- Media
- Legal
- Public Safety (Engineers)
- Water & Wastewater

Frontline Essential Workers: workers who are in sectors essential to the functioning of society and are at substantially higher risk of exposure to SARS-CoV-2

Sub-prioritization Considerations*

- Where sub-prioritization of **frontline essential workers** is needed due to limited vaccine supply, consider:
  - Workers in locations where high rates of transmission and/or outbreaks have occurred
  - Workers who are at increased risk for severe illness based on age or underlying medical conditions**

*https://www.cdc.gov/vaccines/covid-19/phased-implementation.html

**Self-identified medical conditions
Special Considerations and Challenges for Vaccination of Frontline Essential Workers

- Large number of frontline workers, including those in the food and agriculture sector
  - Ex) producers, processors, grocery store workers
- State and local health authorities may need to sub-prioritize vaccination
- Workers may work in one state but live in another
- Coordination and planning for if, where, and when staff are eligible and can be vaccinated
  - Possible use of worksites to administer vaccine
- Transient workforce may have difficulty getting 2nd dose
Special Considerations and Challenges for Vaccination of Frontline Essential Workers

- Concerns about vaccine safety among some workers
- Need for culturally appropriate vaccination information in multiple languages
- Rural areas have limited access to health care and health providers
- Methods of communication may be different (ex. radio, print)
- Rely on community leaders to serve as trusted sources for information
- Some missed days may occur due to post-vaccination side effects
COVID-19 and Vaccine Basics
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
Fast-tracking COVID-19 vaccines while ensuring safety

- Researchers used existing networks to conduct COVID-19 vaccine trials.
- Manufacturing began while clinical trials are still underway. Normally, manufacturing doesn’t begin until after completion of the trials.
- mRNA vaccines are faster to produce than traditional vaccines.
- FDA and CDC are prioritizing review and authorization of COVID-19 vaccines.

*For more information, visit the COVID-19 Prevention Network: www.coronaviruspreventionnetwork.org/about-covpn*
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*


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.

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

- **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.

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
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.
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.
COVID-19 Vaccine Communication Toolkit for
Essential Workers

Customizable Letters

Add more layer of protection to keep you, your family, and other workers safe.

Newsletter Content

Social Media Content


1/20/21
Thank you

For more information, contact CDC
1-800-CDC-INFO (232-4636)

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.