



# COVID-19

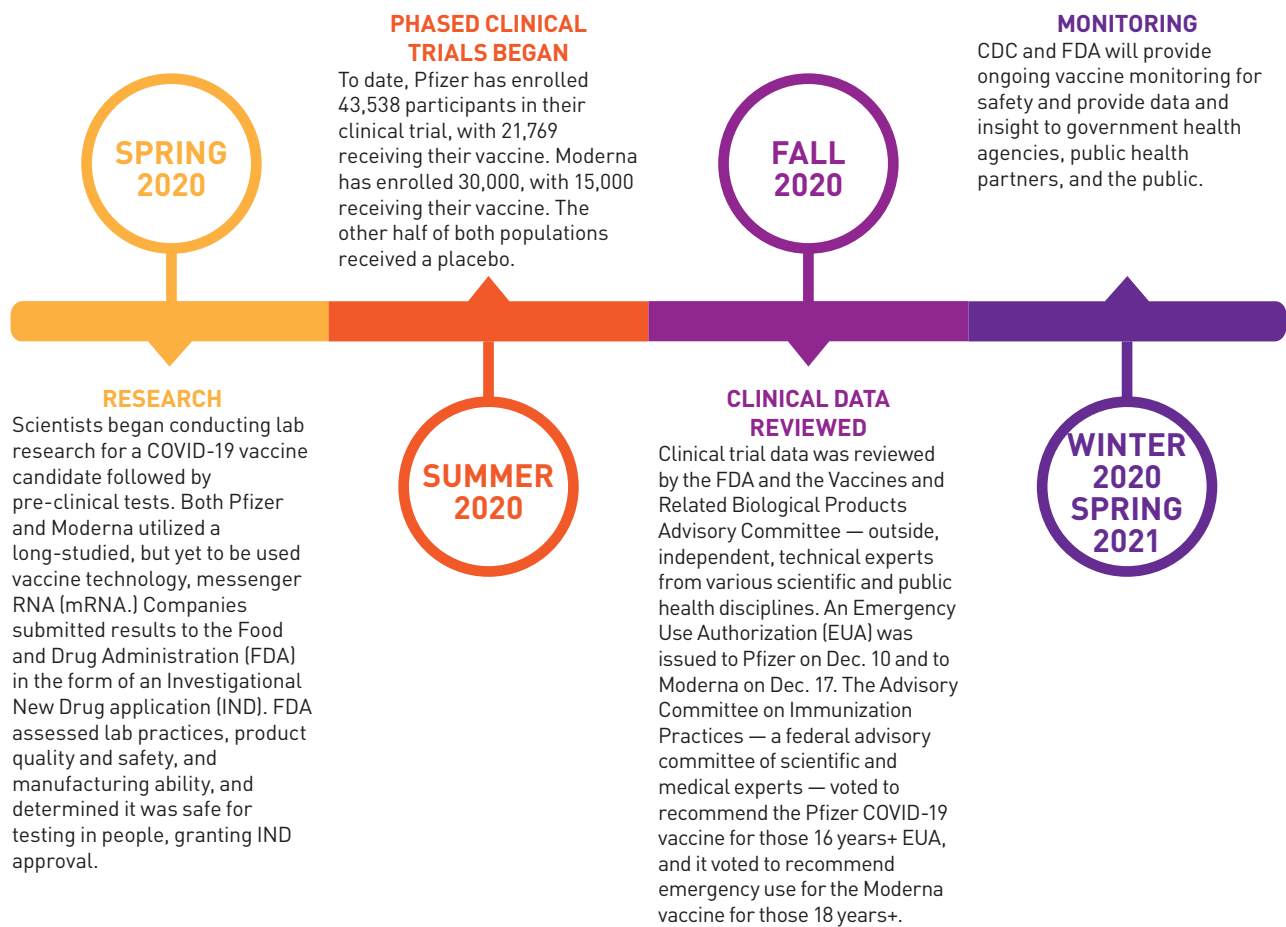
## UNDERSTANDING THE PROCESS

### STEP-BY-STEP APPROVAL

The approval process for a COVID-19 vaccine is the same as it is for every U.S. vaccine — no corners have been cut.

“The speed [of the process] did not compromise at all the safety, nor did it compromise scientific integrity. It was a reflection of the extraordinary scientific advances in these types of vaccines which allowed us to do things in months that actually took years before.”

—DR. ANTHONY FAUCI, MD  
NATIONAL INSTITUTE OF ALLERGIES & INFECTIOUS DISEASES DIRECTOR



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## UNDERSTANDING THE PROCESS

### DIGGING INTO THE PFIZER AND MODERNA CLINICAL TRIAL RESULTS



**94.5-95%  
VACCINE EFFICACY**

The approved vaccines demonstrated 94.5-95% vaccine efficacy, meaning there was 94.5-95% less disease among the vaccinated people than what we'd expect if they had not been vaccinated. The FDA's threshold for approval is 50% efficacy.



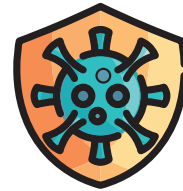
**REAL-WORLD  
CONDITIONS**

Vaccine "efficacy" is measured in clinical trials and is distinct from "effectiveness." Vaccine effectiveness reflects real-world conditions and can only be measured once the general population has been vaccinated.



**MINOR  
SIDE EFFECTS**

Some participants reported side effects that resolved in 24 hours, including sore arm, fever, headache, muscle pain, and fatigue. In a small percentage of cases, the side effects impacted daily activities. Older adults reported fewer and milder side effects.



**36,000+  
SAFE**

Among the 36,000+ people who have received a Pfizer or Moderna COVID-19 vaccine during clinical trials, no serious safety concerns have been observed.



**DIVERSE  
PARTICIPANTS**

To reflect our population, these clinical trial participants included more than a third from racial and ethnic minorities, people over 65, and those with chronic diseases, such as diabetes, obesity and cardiac disease.

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