



COVID-19 Vaccine Fast Facts and Stats

55 million worldwide cases of COVID-19 and deaths are now at **1.33 million**

Pfizer and Moderna have both completed Phase III trials for their COVID-19 vaccine candidate. Both work using the same mRNA technology – no use of actual virus or stem cell to create the vaccine.

- “**95%** effective” in the third phase of the trials – as determined by day 7 following the 2nd dose. Tests on both vaccines have already been conducted on **more than 43,000** individuals as of writing, with a broad mix of ages and racially and ethnically diverse backgrounds.
- > **94%** efficacy in adults > 65 yrs
- The FDA typically looks for at least **50-60%** efficacy. **95%** is astounding!
- In both vaccine trials, less than **100** participants became positive with COVID after receiving the second vaccine dose.
- Each manufacturer can make **2 million** doses per week and have been producing since July. They are each looking to produce up to **50 million** vaccines globally by the end of the year, and up to **1.3 billion by 2021**
- An Emergency Use Authorization request has already been filed with the FDA by Pfizer, and Moderna will soon follow
- In both vaccine trials, all but 1 severe case occurred in the placebo group

It is estimated that a Covid-19 vaccine will need to be accepted by at least **70-80%** of the population to provide community immunity

