

Breakthrough Vaccine to Potentially Protect Against the Spread of COVID-19

At Pfizer, we are working at an unprecedented speed to develop, test and manufacture an mRNA-based vaccine to prevent COVID-19.

Manufacturing Capabilities

We operate one of the most sophisticated supply chain systems in the industry, with more than 40 Pfizer-owned sites and more than 200 suppliers globally.

We have more than:

28,000
COLLEAGUES



SUPPLYING
MEDICINES TO
125
COUNTRIES



Producing more than **23 billion doses** of medications per year, including **1.5 billion sterile units**

For biologics and vaccines, we have:



7,000
COLLEAGUES
IN
12 MANUFACTURING
FACILITIES
IN
10 COUNTRIES

CAPACITY TO
MANUFACTURE
MORE THAN
500 MILLION
DOSES
OF MEDICINES
AND VACCINES



Scaling for Success

mRNA is a new mechanism for vaccine creation that requires rapid development and scale-up of novel manufacturing technologies.

We have the potential to supply millions of vaccine doses by the end of 2020, and then rapidly scale up to capacity to produce hundreds of millions in 2021.

Pfizer has manufacturing and distribution sites across the U.S. Initially for the COVID-19 vaccine program, we are leveraging three of them:



How It Happens

Pfizer's manufacturing and supply chain professionals have been taking several steps to accelerate the scale-up and manufacture four of the most promising vaccine leads:

- Exchanging technology to enable rapid facility, equipment and process design planning
- Ordering materials and starting to manufacture potential vaccine candidates
- Putting two parallel supply chains in place for appropriate redundancies
- Modifying facilities for the vaccine candidates and re-prioritizing capacity
- Hiring and training staff to give our operations even more support and flexibility
- Investing at risk so we can quickly produce as many doses of a potential vaccine as possible