

## What It Takes to Deliver for a Global Healthcare Crisis

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**Successful manufacturing of a COVID-19 vaccine is undoubtedly one of the most anticipated events of 2021.**



There are more than 150 COVID-19 vaccines currently in development and an estimated 10 billion vaccine doses eventually will be delivered around the globe. We are already at the start of this process, with the UK getting ready to roll out the first doses. These vaccines require an unbroken chain of exact temperatures - between -20 to as low as -70 degrees Celsius - from the start to the very end to remain viable. Throughout this pandemic, the logistics industry has been an essential service provider, keeping aid and packages moving.

Now, at this critical juncture of global vaccine shipping, that part will take centre stage. And we are not only talking about the need for the vaccine to be delivered across nations; it's about the entire healthcare logistics network! Even in non-pandemic times, logistical needs of the healthcare vertical are exacting and demand the best expertise and capabilities that logistics providers can offer. The efficient and speedy shipping of samples, test kits, chemicals, syringes, vials, and other elements is just as crucial. Some have hypothesized that there may even be multiple vaccine doses required to properly inoculate against the virus.

What follows next will be the mammoth task of building and managing a global supply chain that will transport vaccine doses from laboratory to the end user. Behind the scenes, logistics providers who already serve the healthcare industry are ramping up. [Find out more about FedEx Healthcare shipping solutions.](#) Healthcare logistics already operates under strict regulations and requirements for shipping and storing of medical-grade products. On vaccine shipping alone, logistics to support this require teams of pharma experts who understand the complexity that comes with the intent of transporting billions of vaccines across continents.

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