COVID-19 finally has a cure. Or so it may seem.

It has officially been almost over a year since the declaration of global pandemic COVID-19. When the pandemic first had its outbreak, the entire human population went into panic.

Fortunately, just when we have begun to settle into this new norm, companies such as Johnson and Johnson recently developed vaccines to prevent contracting the disease. And just like every new invention in history such as sliced bread, and motor vehicles, citizens are curious of the effectiveness of the vaccines. And the decision making of whether to take them.

Some said the vaccines may come with side effects. Side effects including for Johnson and Johnson's vaccines giving potential blood clots. Some said even after taking the vaccines, one may still contract COVID-19. Are the new vaccines considered success? Let's take a look at the data.

There are currently three vaccines authorized by the FDA. Pfizer-BioNTech is a two shots, 21 days apart vaccine currently used for emergencies in the U.S. and other countries. It's common side effects are chills, headache, pain, tiredness, and/or redness and swelling at the injection site. The vaccine currently holds 95% efficacy in preventing COVID-19. Moderna is a two shots, 28 days apart vaccine currently used for emergencies in the U.S. and other countries. It's common side effects are similar to Pfizer-BioNTech. The vaccine currently holds 94.1% efficacy in preventing COVID-19. The last one is Johnson and Johnson. The vaccine is a single shot dose currently used for emergencies in the U.S. and other countries. It's common side effects

are fatigue, fever, headache, injection site pain, or myalgia. The vaccine currently holds 72% efficacy in preventing COVID-19. All the above vaccines' side effects generally dissolve in one to two days.

As of April 27, all across the U.S., 231 M doses were given. 95.9 M people were fully vaccinated. 29.2% of the population are fully vaccinated. All across the world, 18,786,817 people have received at least 1 dose. That makes up 47.5% of the population. 11,476,524 people have been fully vaccinated. That makes up 29% of the population.

Vaccinations by location

From Our World in Data · Last updated: 1 day ago

United States | All regions

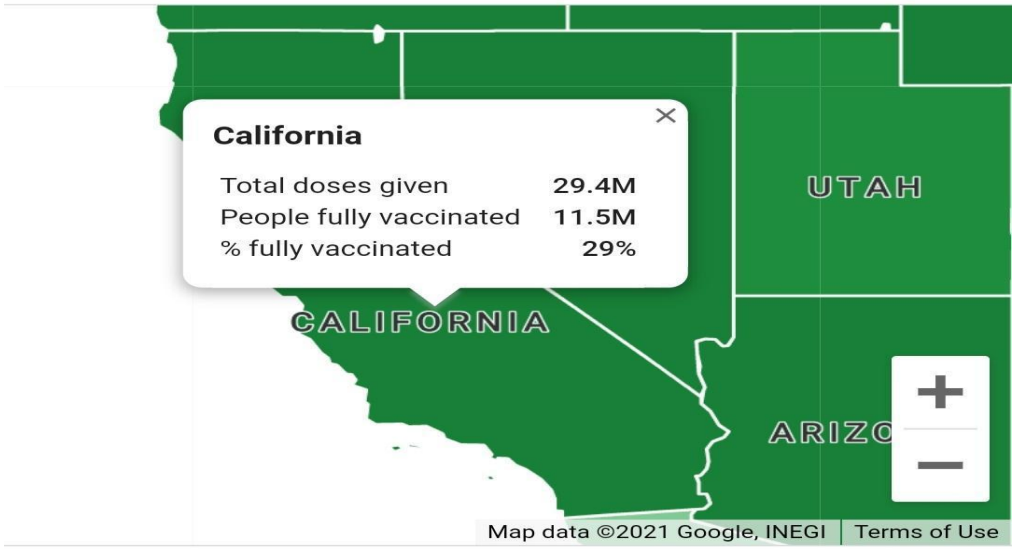
Doses given	Fully vaccinated	% of population fully vaccinated
231M	95.9M	29.2%
+2.11M	+1.12M	+0.3%

Location	Doses given ↓	Fully vaccinated	% of population fully vaccinated
California	**29.4M**	**11.5M**	**29.0%**
Texas	18.2M	7.4M	25.5%
New York	15M	6.33M	32.5%
Florida	14.7M	5.95M	27.7%
Pennsylvania	9.7M	3.9M	30.5%

This data shows the total number of doses given in each location. Since some vaccines require more than 1 dose, the number of fully vaccinated people is often lower. "+" shows data reported yesterday · About this data

Map of vaccinations

From Our World in Data · Last updated: 2 days ago

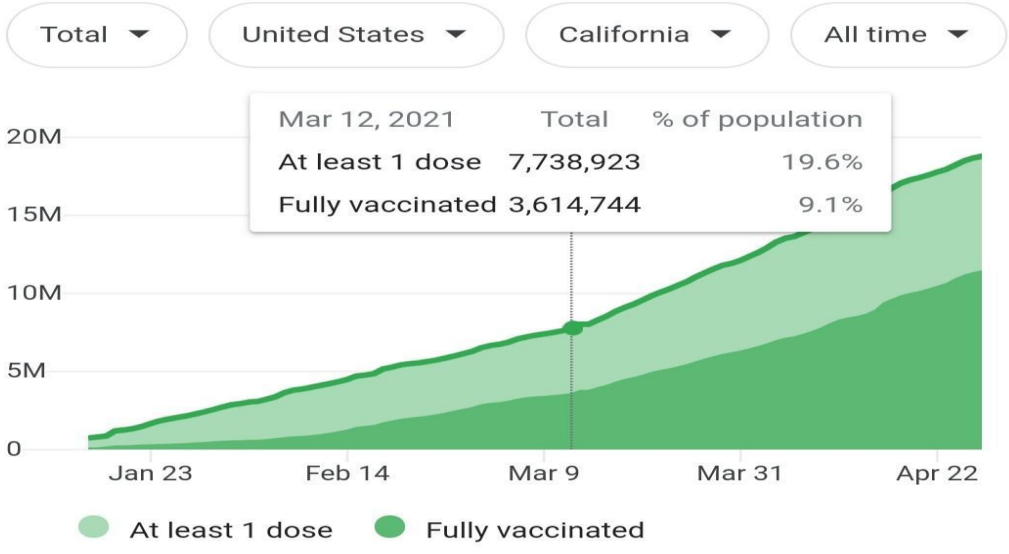


No data | Partial data | 0% | 2% | 5% | 10% | 15% | 25% | >35%

% of people fully vaccinated · About this data

Vaccinations

From Our World in Data · Last updated: 1 day ago



This data shows how many people have received at least 1 dose of a vaccine. People who are fully vaccinated may have received more than 1 dose. · About this data

According to the Centers for Disease Control and Prevention, 5,800 fully vaccinated people have caught COVID-19. Although the number seems high, it is out of 77 million people. That is a total of less than 0.008 percent. Which means if you are vaccinated, you are significantly in less risk of contracting COVID-19. You are also almost not likely to die from COVID-19.

Taking the vaccines, however, do not mean omitting safety precautions such as wearing masks and using hand sanitizers. Society should continue to take measures to fight the disease.

https://www.washingtonpost.com/opinions/2021/04/20/covid-19-vaccines-are-an-extraordinary-success-story-media-should-tell-it-that-way/

https://www.nytimes.com/2021/04/19/briefing/european-soccer-league-mars-helicopter-navalny.html

https://www.yalemedicine.org/news/covid-19-vaccine-comparison

https://www.google.com/search?q=COVID+19+shots+data+chart&rlz=1CAEVJI_enUS947&oq=COVID+19+shots+data+chart&aqs=chrome..69i57j33i160l4.9445j0j7&sourceid=chrome&ie=UTF-8