

SIDE-BY-SIDE COVID-19 VACCINE COMPARISON

Manufacturer	Pfizer-BioNTech (Pfizer)	Moderna	Johnson & Johnson (J&J)
Who can get this vaccine?	Individuals five years of age and older .	Individuals 18 years of age and older .	Individuals 18 years of age and older .
What is in the vaccine?	A list of ingredients can be found here .	A list of ingredients can be found here .	A list of ingredients can be found here .
How does the vaccine work?	<p>The Pfizer COVID-19 vaccine is an initial two-dose series, separated by 21 days. It is injected into a muscle. A booster dose is recommended five months after the second dose.</p> <p>The Pfizer vaccine is an mRNA vaccine.</p>	<p>The Moderna COVID-19 vaccine is a two-dose series separated by 28 days. It is injected into a muscle. A booster dose is recommended five months after the second dose.</p> <p>The Moderna vaccine is an mRNA vaccine.</p>	<p>The J&J COVID-19 vaccine is a one-dose vaccine. It is injected into a muscle. A booster dose is recommended two months after the single dose.</p> <p>The J&J vaccine is a viral-vector vaccine.</p>
How many doses of vaccine do I need?	The manufacturer recommends two doses of Pfizer vaccine given 21 days apart .	The manufacturer recommends two doses of Moderna vaccine given 28 days apart .	The J&J COVID-19 vaccine is a one-dose vaccine.
Who can get a Third Dose of vaccine?	A third dose was approved by the FDA on August 12, 2021, for people with certain conditions and treatments. The full list can be found here . Third dose must be administered at least 28 days after the second dose .	A third dose was approved by the FDA on August 12, 2021, for people with certain conditions and treatments. The full list can be found here . Third dose must be administered at least 28 days after the second dose .	At this time, an additional dose of J&J has not been approved.

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Who can get a Vaccine Booster?	<p>A Pfizer booster dose is available to anyone 18 years and older, and for ages 12-17 who received the initial Pfizer series.</p> <p>Booster dose must be at least five months after the second dose of Pfizer or Moderna, or two months after J&J.</p>	<p>A Moderna booster dose is available to anyone 18 years and older.</p> <p>Booster dose must be at least five months after the second dose of Pfizer or Moderna, or two months after J&J.</p> <p>A Moderna booster contains half the dosage of the primary shots.</p>	<p>A J&J booster dose was approved by the FDA on October 20, 2021. A booster dose is available to anyone 18 years and older.</p> <p>The Centers for Disease Control and Prevention (CDC) recommends Pfizer or Moderna boosters, but if given, a J&J booster dose must be at least five months after the second dose of Pfizer or Moderna, or two months after J&J.</p>
How effective is the vaccine?	In initial studies, the Pfizer vaccine was 95% effective at preventing infection in adults after two doses, and 91 % effective in preventing COVID-19 among children ages 5-11 years.	In initial studies, the Moderna vaccine was 94.1% effective at preventing infection two weeks after vaccination.	In initial studies, J&J vaccine was 66.3% effective in preventing illness at least 14 days after vaccination.
How effective is the booster against new variants?	According to Pfizer, its booster increases neutralizing antibodies 25-fold compared to pre-boost levels	According to Moderna, its booster increases neutralizing antibodies 37-fold compared to pre-boost levels.	According to J&J, its booster increases neutralizing antibodies four- to six-fold from levels observed after the single shot.

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When was the vaccine authorized?	<p>U.S. Food and Drug Administration (FDA) Emergency Use Authorization (EUA): December 11, 2020.</p> <p>FDA EUA for third dose for people with certain conditions and treatments: August 12, 2021.</p> <p>FDA full approval for people 16 years and older: August 23, 2021. Vaccine branded as Comirnaty.</p> <p>FDA EUA for booster dose for people aged 65 and older and those with other conditions and risks: September 22, 2021.</p> <p>A booster dose for 18 years and older was approved by the FDA on October 20, 2021.</p> <p>The FDA EUA for children aged 5-11: November 1, 2021.</p> <p>The FDA EUA for booster to individuals 16-17 years old: December 9, 2021.</p> <p>The FDA EUA for booster for individuals 12-15 years old: January 3, 2022</p>	<p>The U.S. Food and Drug Administration (FDA) issued EUA for the vaccine on December 18, 2020.</p> <p>A third dose was approved by the FDA on August 12, 2021, for people with certain conditions and treatments.</p> <p>A booster dose for 18 years and older was approved by the FDA on October 20, 2021.</p> <p>FDA full approval for people 18 years and older: January 31. Vaccine branded as Spikevax.</p>	<p>The U.S. Food and Drug Administration (FDA) issued EUA for the vaccine on February 27, 2021.</p> <p>A booster dose for individuals 18 years and older was approved by the FDA on October 20, 2021.</p>