

COVID-19 Vaccines and Their Effectivity

	Moderna	Pfizer-BioNTech	Johnson & Johnson-Janssen	AstraZeneca-Oxford
Delta Variant* Effectivity	Canada study says 72% overall, when only one dose; 95% effective against serious disease. New York study says 94-95% overall.	UK study says 88% overall and 96% against hospitalization. Scotland study says 79%. Canada study says 87%. Original Israel study says 90%. New Israel study says 41%, but 88% against hospitalization, and 91% against severe disease. France study says 94% overall. New York study says 94-95% overall.	A small study says 67%. Some experts say a booster may be advised.	England study says 79%, but 96% for severe disease.
Original Overall Effectivity	94%	95%	66%	70%
Method/Origin	Messenger RNA - makes the spike protein	Messenger RNA - makes the spike protein	Modified Cold Virus (Adenovirus) codes for the spike protein	Weakened Chimpanzee Cold adenovirus
Doses Required	Two doses, 28 days apart	Two doses, 21 days apart	One dose	Two doses, 30 days apart
FDA Emergency Use Approval (EUA)	December 18th, 2020	December 11th, 2020	February 27th, 2021	No EUA in the U.S.

***B.1.617.2, also known as the Delta variant, was first identified in India. With increased transmissibility, the Delta variant now makes up nearly 83% of COVID-19 cases in the United States. Currently, 97% of the hospitalizations are with the unvaccinated, and make up 99% of the deaths.**

References:

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