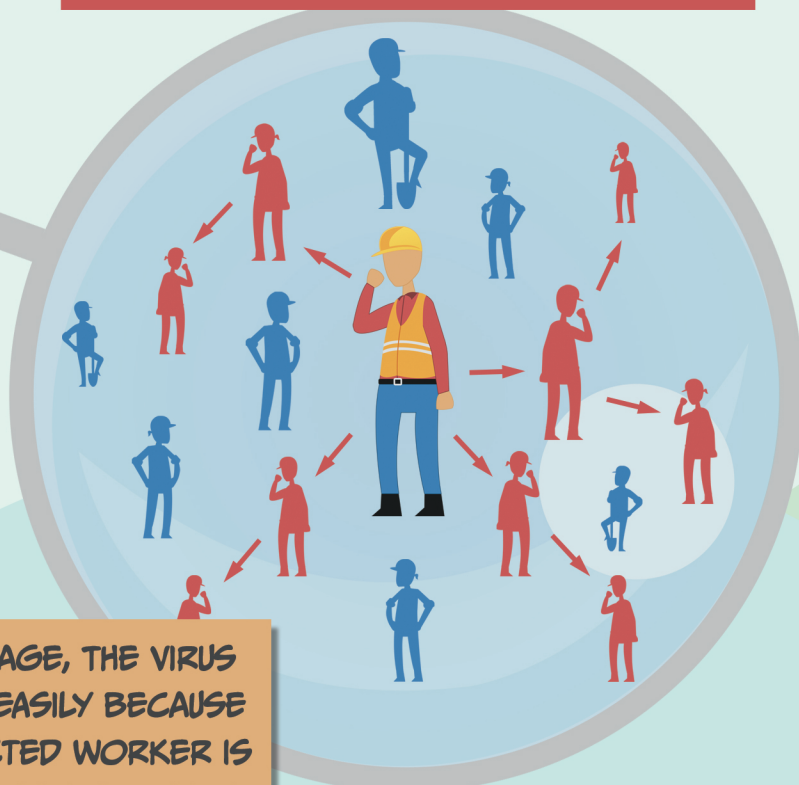


# What is Population Immunity?

Population (or herd) immunity is one way to stop the spread of **COVID-19**. It occurs when enough people are immune due to vaccination or previous infection that the virus has nowhere to go.

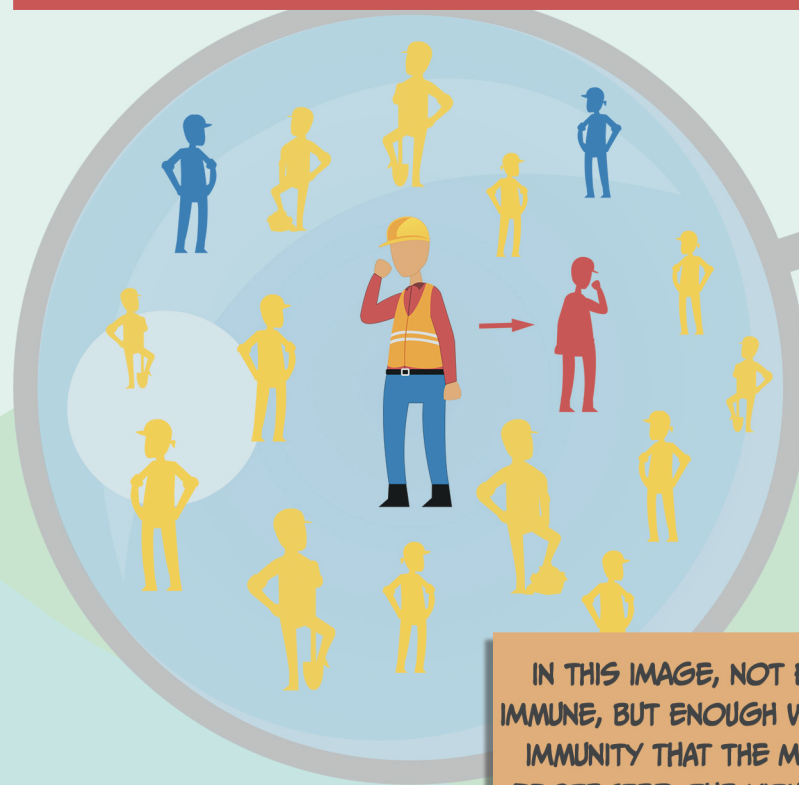
**Studies show that vaccine immunity lasts at least 6 months!**

## No Population Immunity



IN THIS IMAGE, THE VIRUS SPREADS EASILY BECAUSE THE INFECTED WORKER IS SURROUNDED BY OTHERS WHO ARE NOT IMMUNE.

## Population Immunity Achieved



IN THIS IMAGE, NOT EVERYONE IS IMMUNE, BUT ENOUGH WORKERS HAVE IMMUNITY THAT THE MAJORITY ARE PROTECTED. THE VIRUS HAS FEWER OPPORTUNITIES TO SPREAD.

● Susceptible ● Infected ● Immune → Disease Transmission

1. Center for Disease Control and Prevention (CDC) - Science Brief: SARS-CoV-2 Infection-induced and Vaccine-induced Immunity. <https://tinyurl.com/rzwx2df6>

2. The Center for Construction Research and Training (CPWR). (2021, December 2). COVID-19 Vaccine FAQs for the Construction Industry. Retrieved December 6, 2021 from: <https://tinyurl.com/4jn7c66>