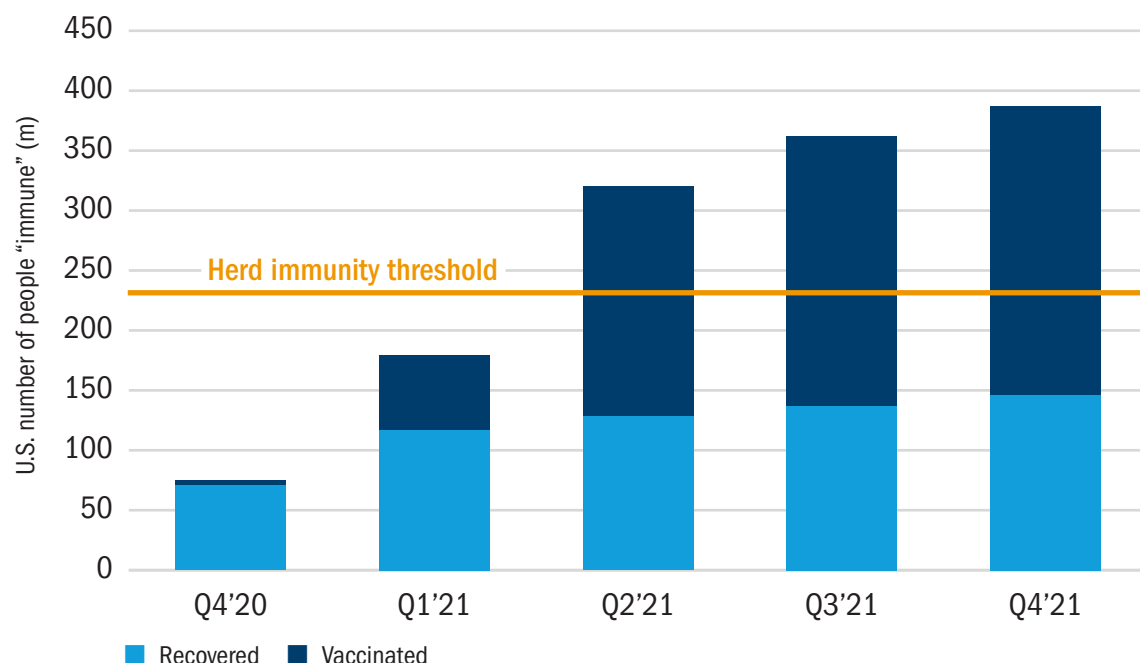


# Chart on the Go

## Latest Insights | Pandemic

### ▶ We project reaching herd immunity to COVID-19 by the end of the second quarter 2021

But we're closely watching variants and their potential impact.



Source: Centers for Disease Control and Prevention, Our World in Data, Columbia Threadneedle Investments.

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**Vaccination is crucial for herd immunity, which is the key driver of our return to normal.** We're halfway to herd immunity in the U.S. if we include vaccinations and people who have recovered from infection. Reaching herd immunity is important; it halts the spread of the virus because there will be few susceptible people that the virus can attack.

If we count vaccinated people and people who have recovered from the infection, the U.S. will reach herd immunity in the second quarter. But if we consider only those who have been vaccinated, we'll reach herd immunity in Q3 2021.

However, our expected timeline would shift if variants emerge that can't be neutralized by a vaccine.

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