

# No scientific reason for discriminating against students based on pediatric vaccination rates or vaccination status

Low vaccination rates in children have been used to justify keeping children under restrictions, and some institutions are excluding children from important opportunities based on vaccination status.<sup>1</sup>

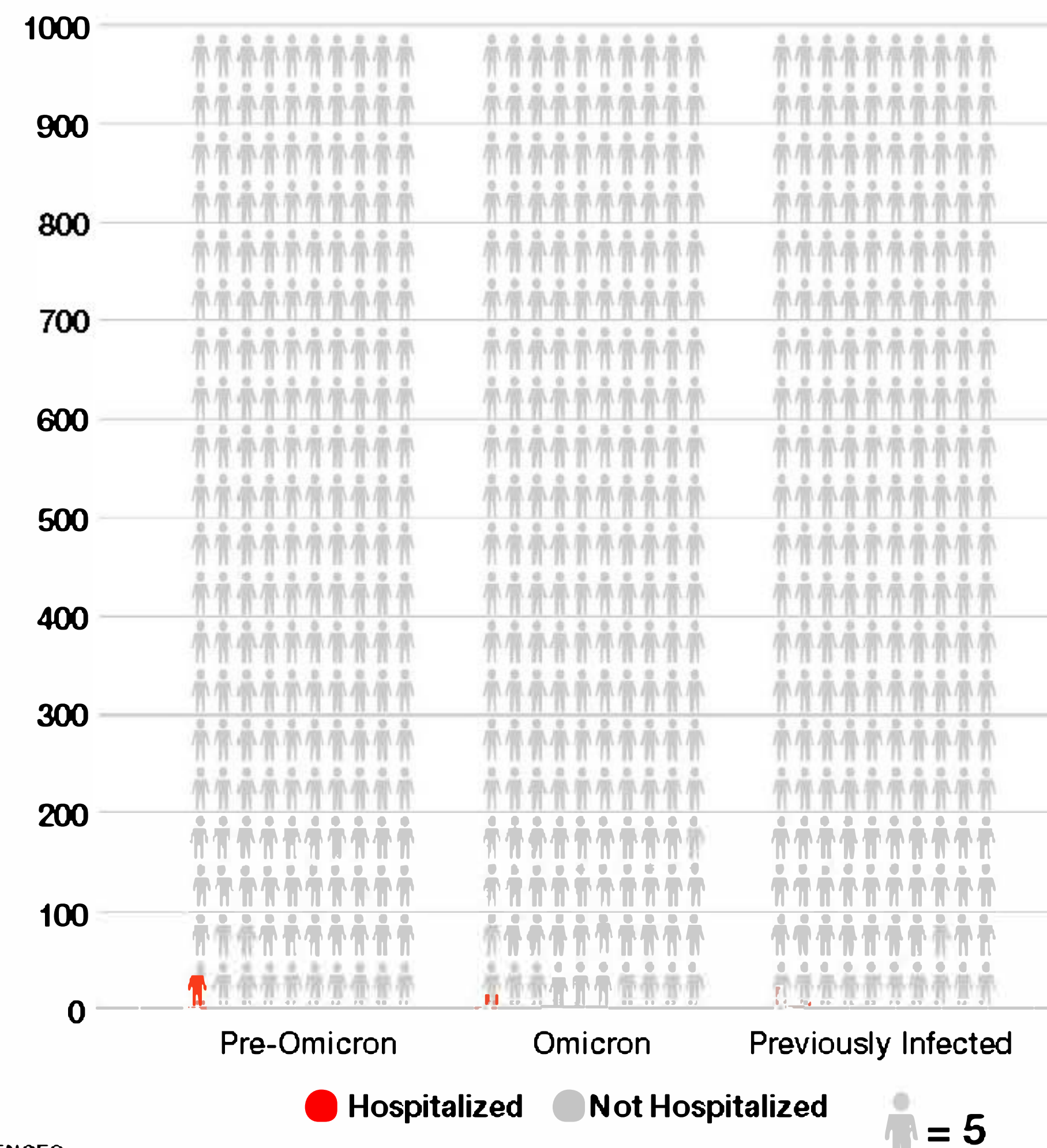
## These decisions fail to account for key scientific data

- True immunity rates are much higher than vaccination rates. A large proportion of children have developed immunity from COVID infection, which is at least as potent and durable as that from vaccination.<sup>2,3</sup>
- Omicron transmits efficiently in both vaccinated and unvaccinated people.<sup>4,5</sup> A person's vaccination status has little relevance to others.

### REFERENCES

1. <https://www.calacademy.org/reopening>
2. <https://www.cdc.gov/mmwr/volumes/71/wr/mm7104e1.htm>
3. <https://www.nature.com/articles/s41590-021-01089-8>
4. <https://www.medrxiv.org/content/10.1101/2021.12.27.21268278v1.full.pdf>
5. <https://www.medrxiv.org/content/10.1101/2021.12.30.21268565v1.full.pdf>

# Pediatric Covid Infection Hospitalization Rate



### REFERENCES

- Pre-Omicron: Sorg  
<https://www.medrxiv.org/content/10.1101/2021.11.30.21267048v1>
- Omicron: Sorg + Wang  
<https://www.medrxiv.org/content/10.1101/2022.01.12.22269179v1.full.pdf>
- Previously Infected: Sorg + Altarawneh  
<https://www.medrxiv.org/content/10.1101/2022.01.5.22268782v1.full.pdf>

Chart provided by RationalGround.com