



NORTHEAST
BUSINESS GROUP ON HEALTH

COVID-19 Update



SPECIALOMICRON EDITION

Dr Mark Cunningham-Hill

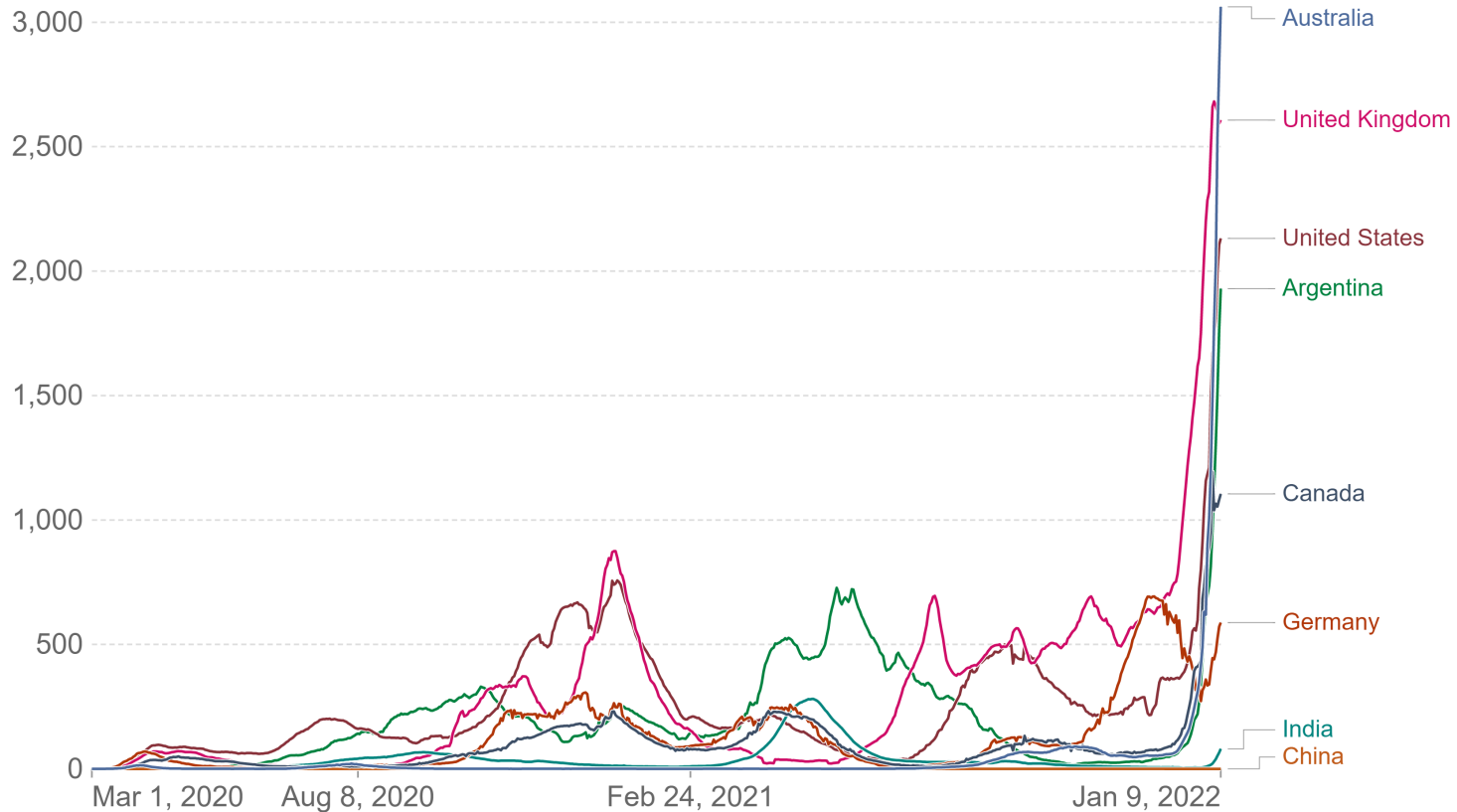
Medical Director, NEBGH

Monday, January 10th, 2022

Daily new confirmed COVID-19 cases per million people

7-day rolling average. Due to limited testing, the number of confirmed cases is lower than the true number of infections.

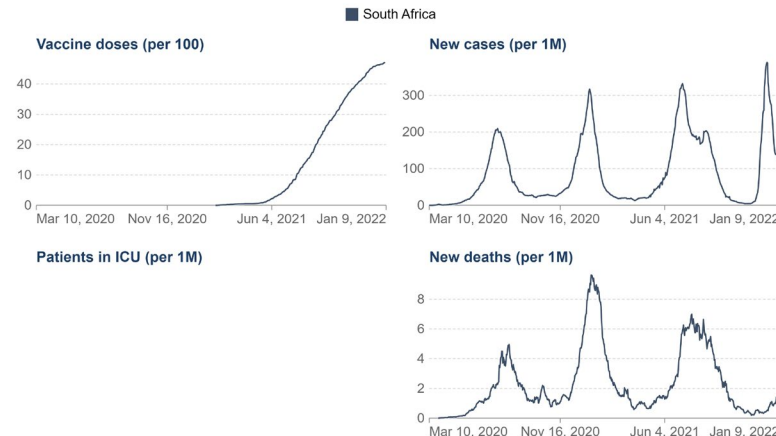
Our World
in Data



Source: Johns Hopkins University CSSE COVID-19 Data

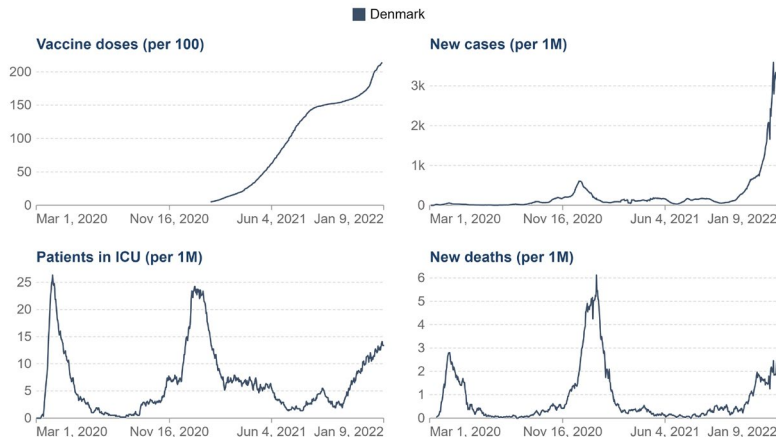
COVID-19 vaccine doses, ICU patients, and confirmed deaths

Limited testing and challenges in the attribution of cause of death means the cases and deaths counts may not be accurate.



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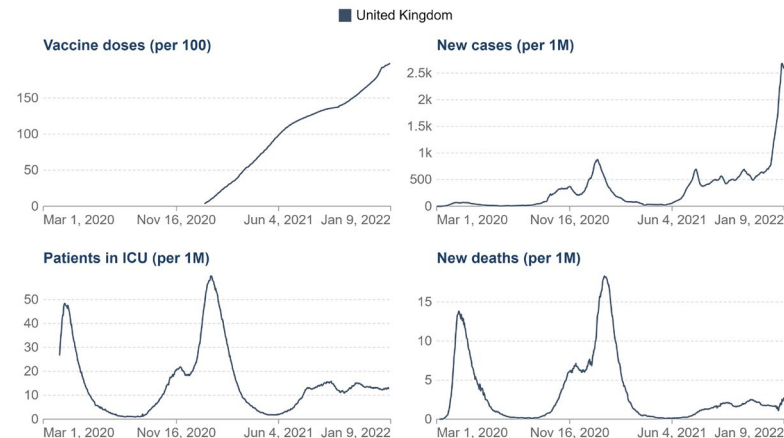


Source: Official data collated by Our World in Data, Johns Hopkins University CSSE COVID-19 Data

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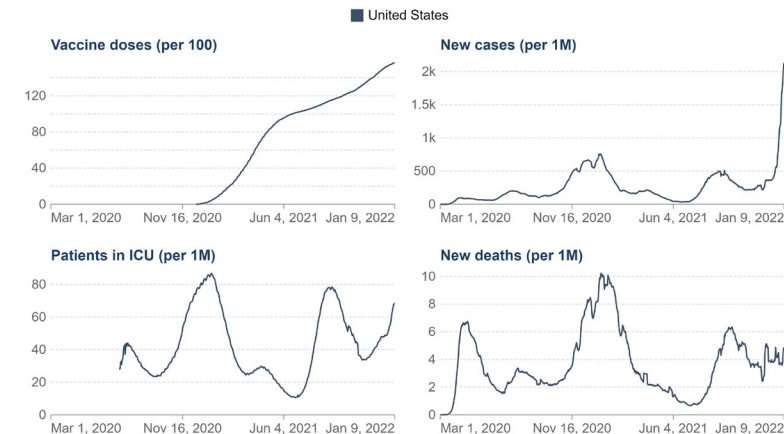
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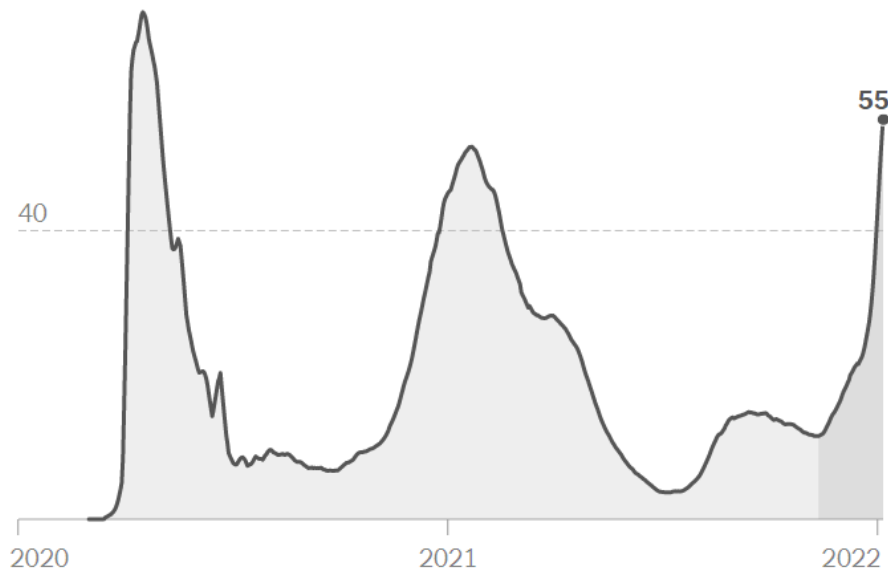
Source: Official data collated by Our World in Data, Johns Hopkins University CSSE COVID-19 Data

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New York

Hospitalizations were lower and have shot up.

80 hospitalizations per 100,000



Ohio

Hospitalizations were already high and have since increased.

80



Both fully vaccinated 72.5%

METRIC

Cases per 100K



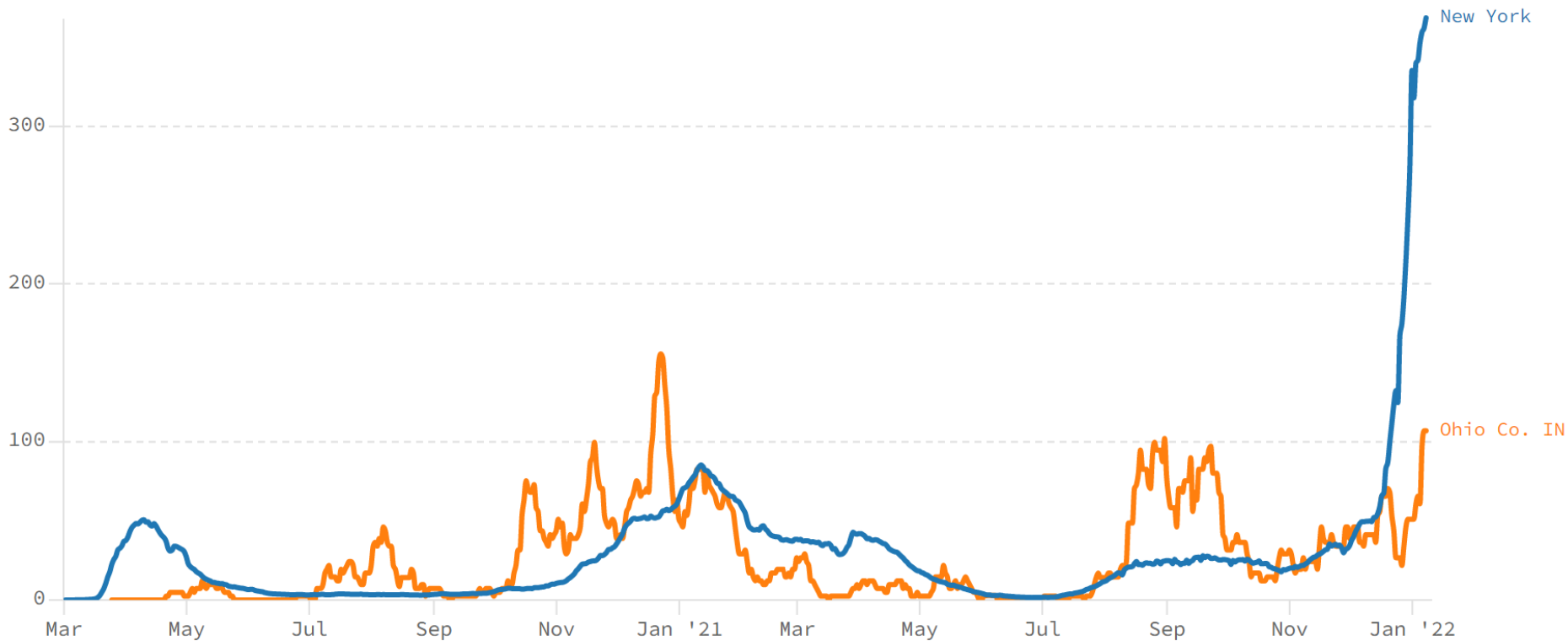
PAST # OF DAYS

All time



LOCATIONS

New York; Ohio County, IN



Summary of what we know about Omicron

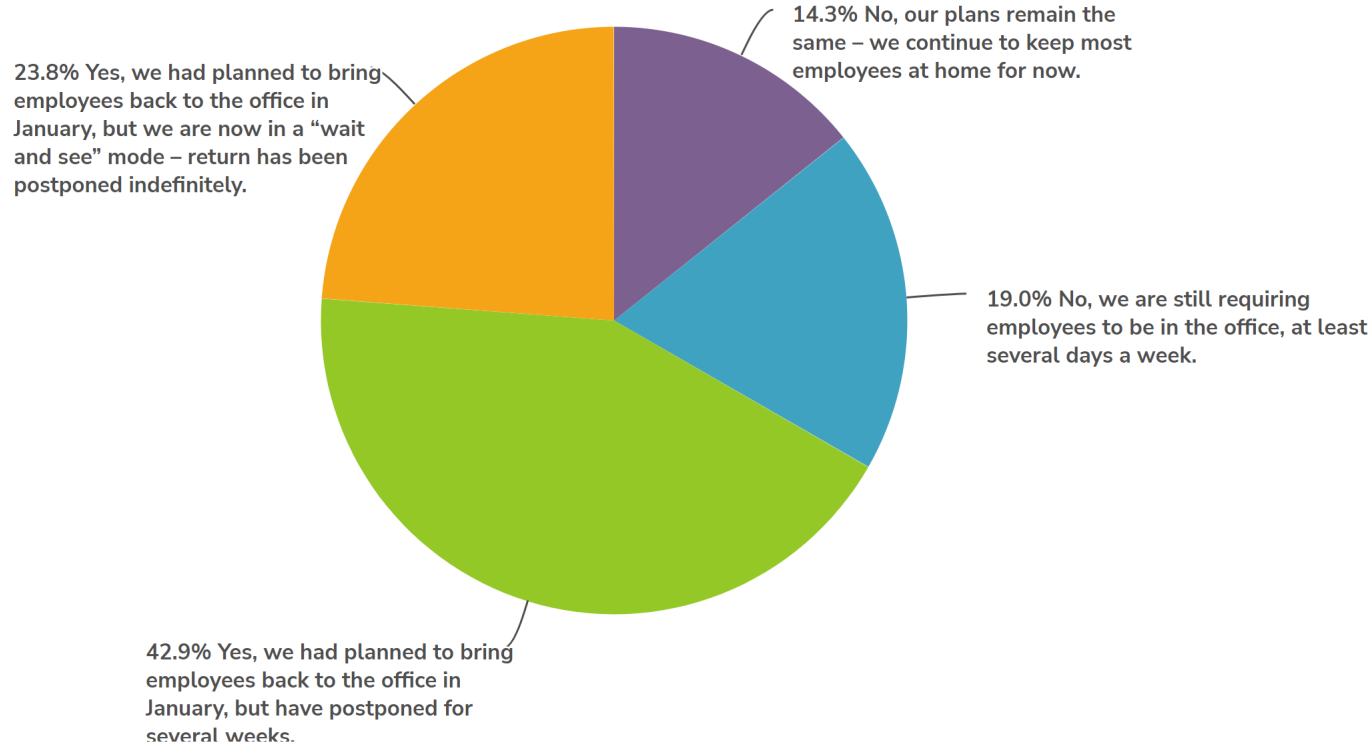
- It is 2-3x more infectious than the Delta variant
- Past infection offers much less protection with Omicron
- Vaccines do protect against severe illness:
 - UK study 2 doses of Pfizer gave 65% protection
 - However, evidence of waning immunity and a booster needed
 - Data on Sinovac showed little defense against Omicron even with a booster – Sinovac or Pfizer
 - Moderna suggesting another booster maybe needed
- Omicron does appear to result in less severe disease
 - Maybe due to not infecting the lungs
 - BUT:
 - Not completely 'trivial'
 - Data showing increased cases in children
 - Increase in Type 1 and 2 diabetes in children¹
 - Long-COVID unknown
- Treatments:
 - Paxlovid and molnupiravir anticipated to work
 - Monoclonal antibodies – sotrovimab yes but other MAB - no

1. <https://www.nytimes.com/2022/01/07/health/kids-covid-diabetes-cdc.html>

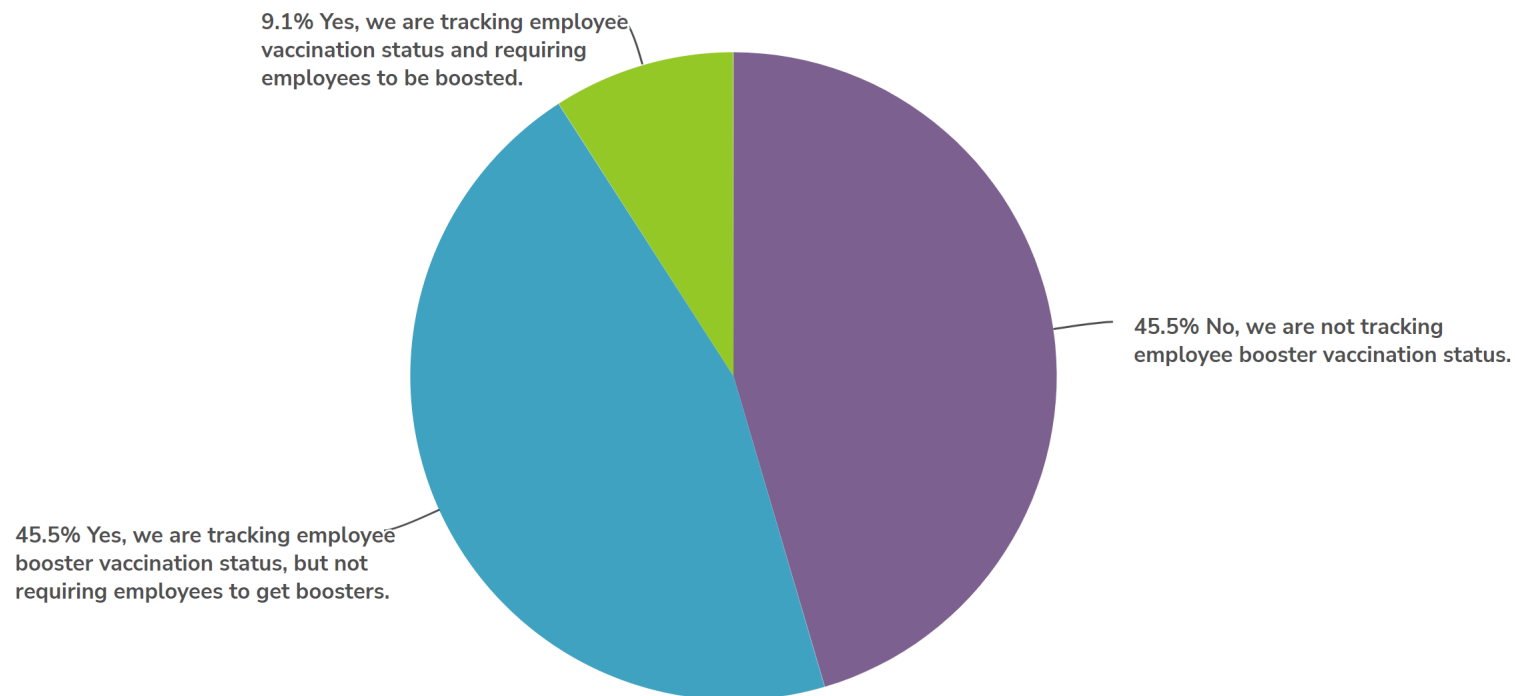
With a Tsunami Wave of Omicron What should Companies do?



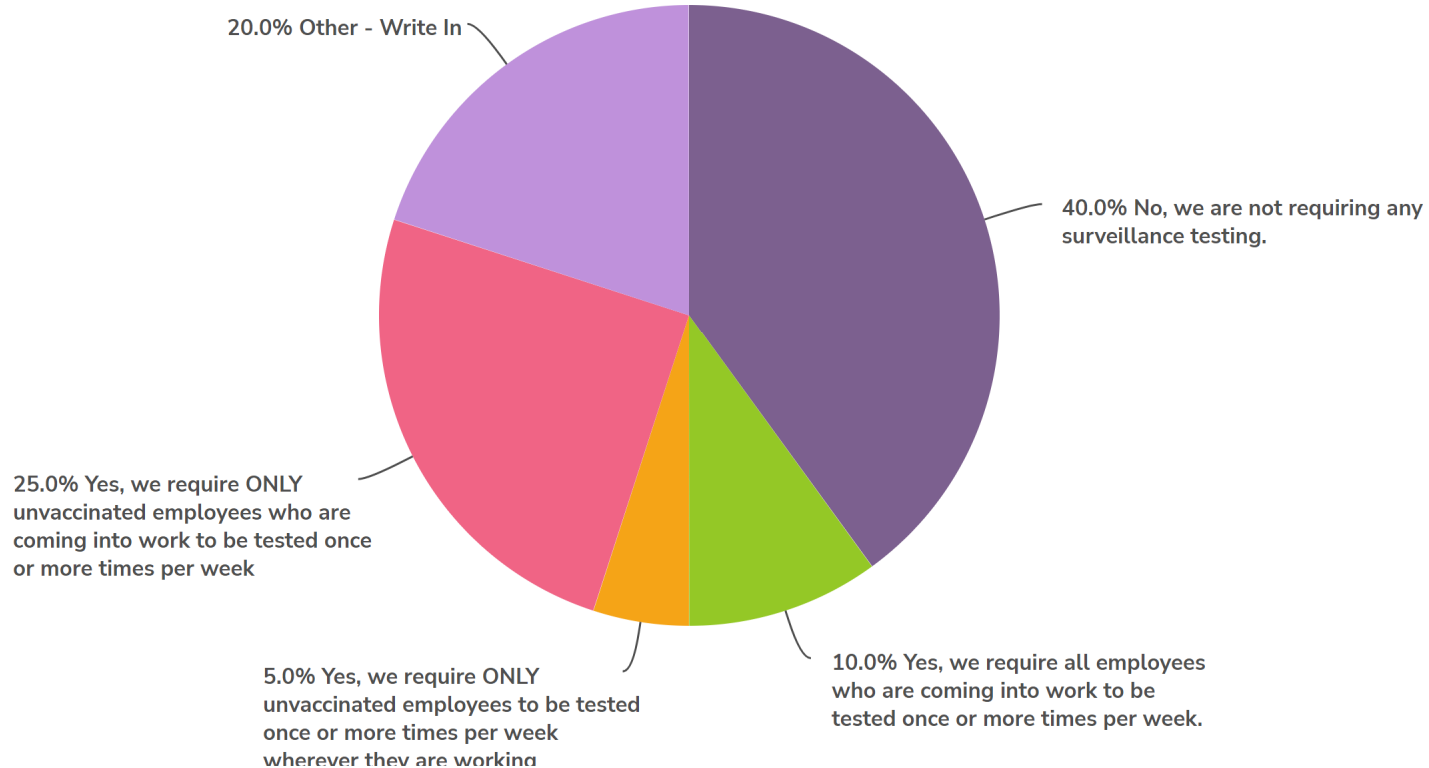
Has your organization changed its return-to-office plans as a result of the Omicron variant?



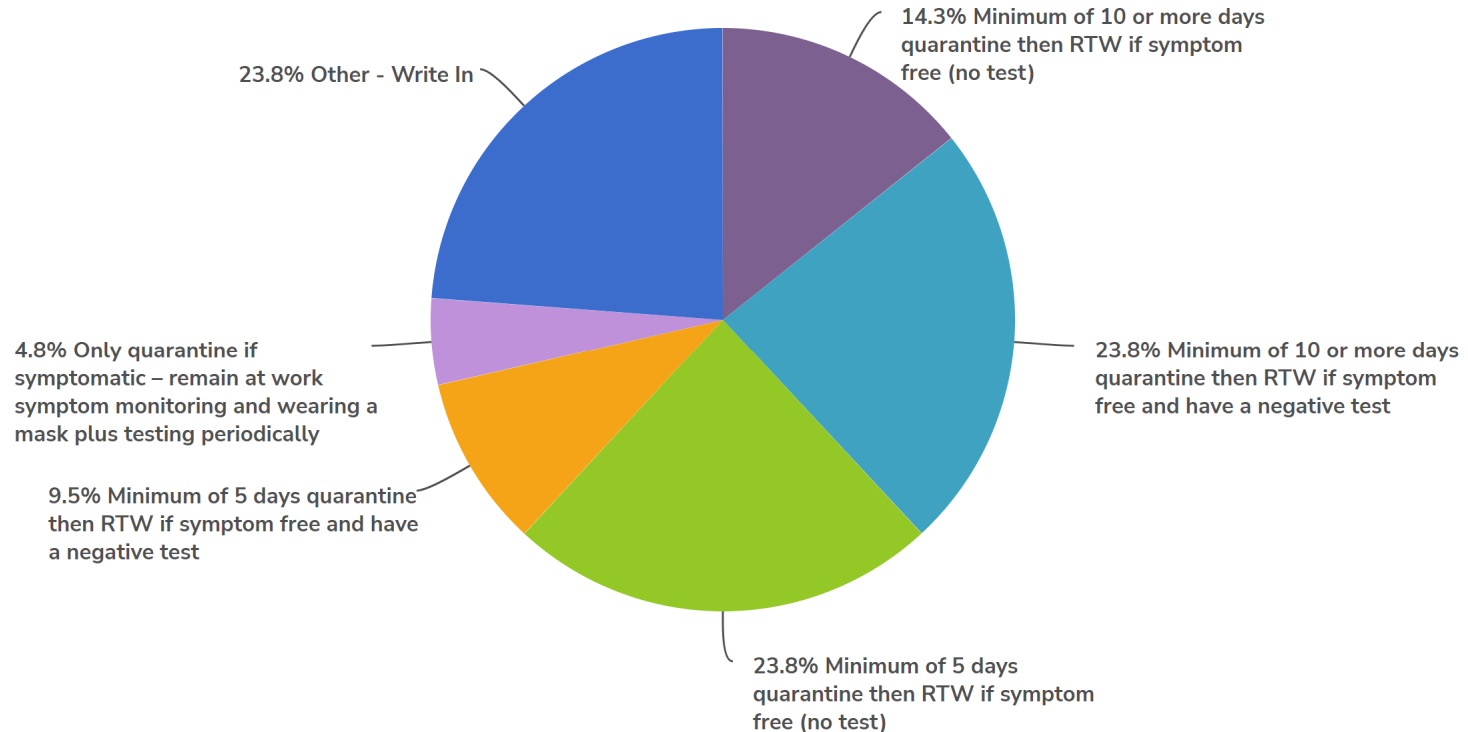
Are you tracking or requiring employee vaccination booster status?



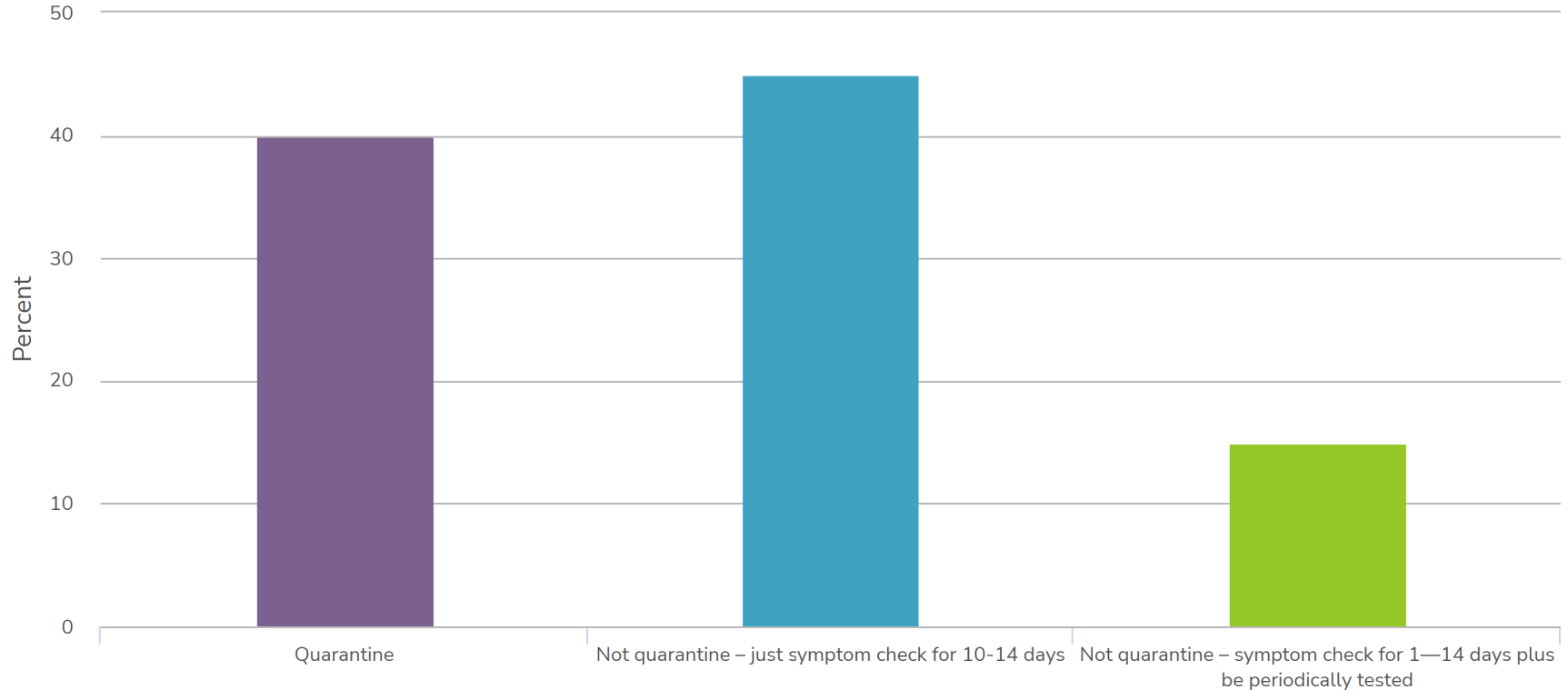
Is your company requiring employees to be tested as part of a COVID-19 surveillance program?



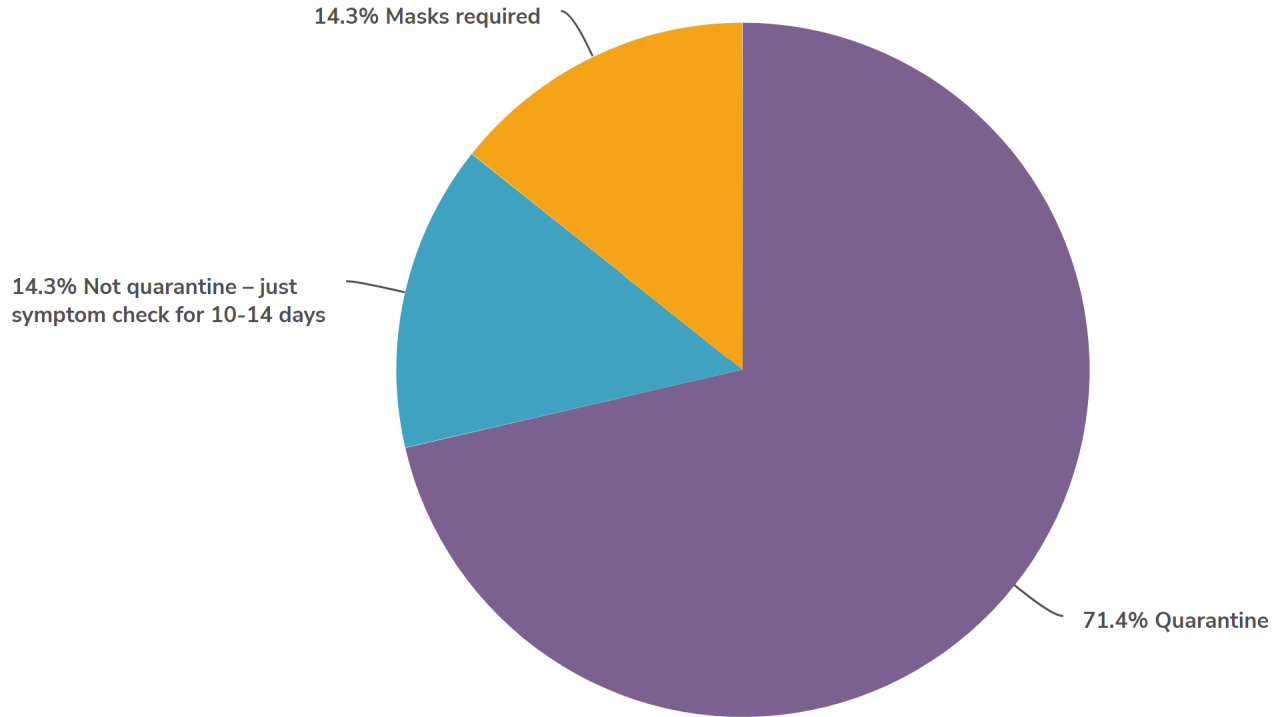
If employees are diagnosed with COVID or test positive what are your organizations rules for quarantine?



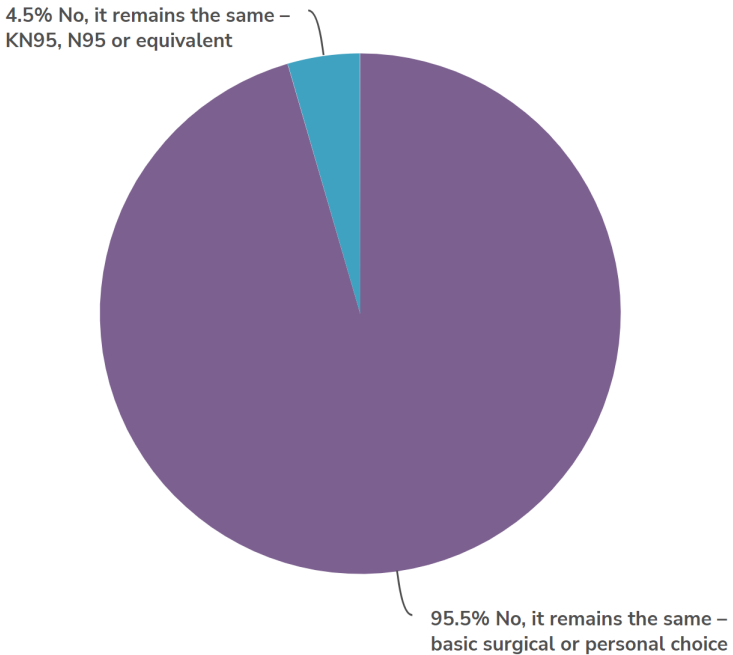
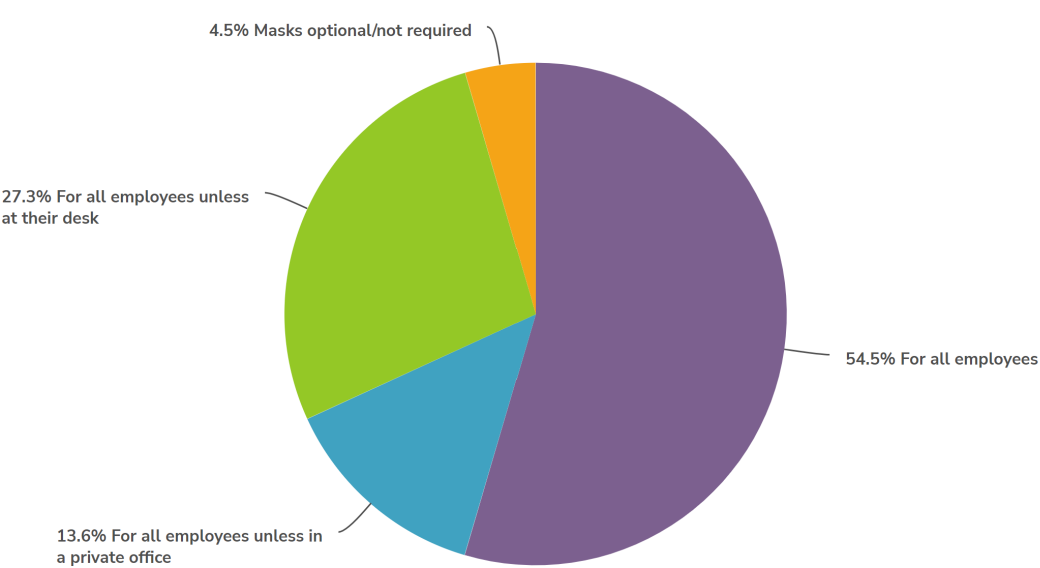
If employees have contact with a COVID positive person and the employee is fully vaccinated, do they?



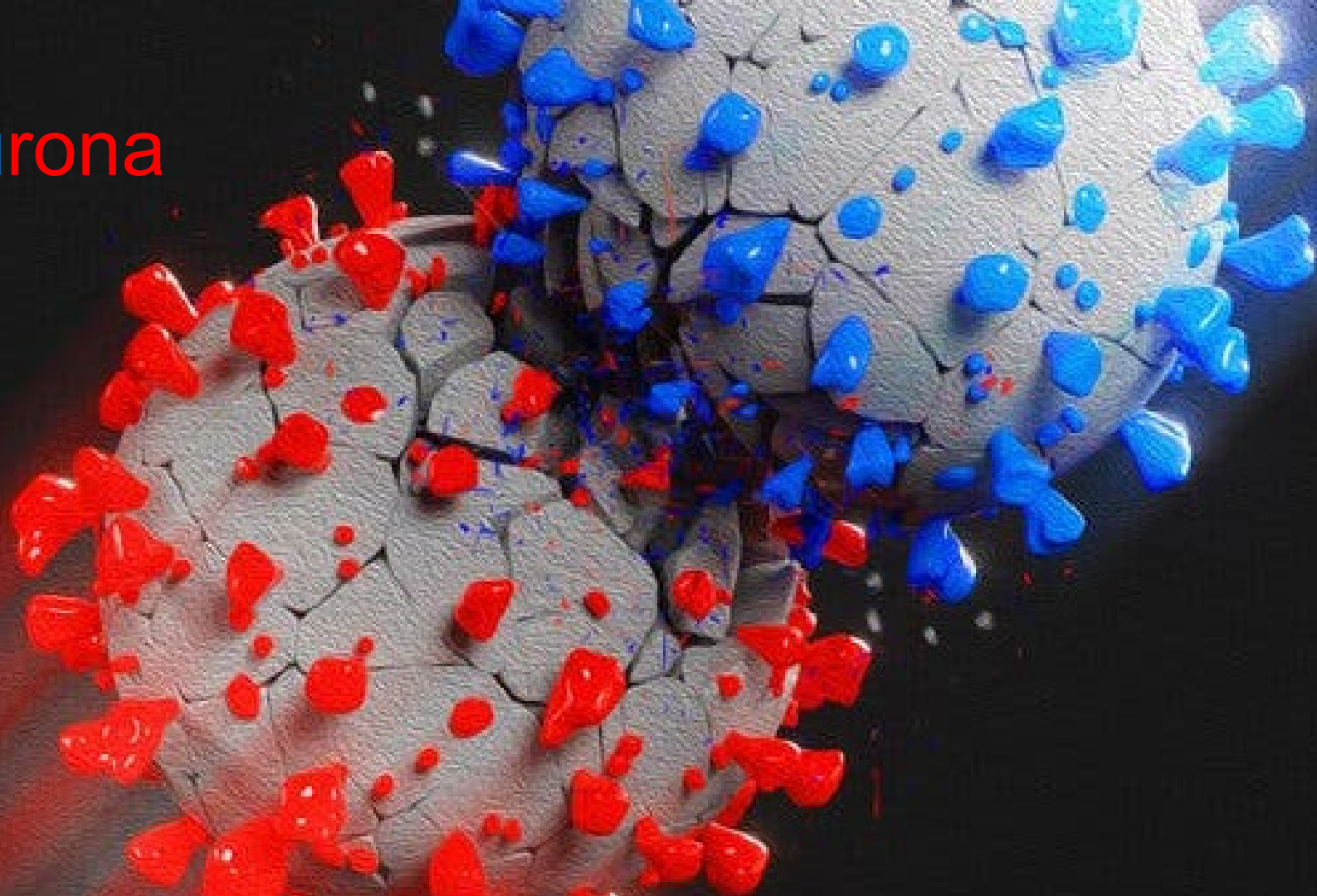
If employees have contact with a COVID positive person and the employee is unvaccinated or partially vaccinated, do they?



Masks



Flurona





Questions

Upcoming NEBGH virtual events:

- **Jan. 12** – Maximizing PBM Savings: An Employer-Only Discussion
- **Jan. 18** – 2022 Employer Compliance Reboot: The Buck Stops with You!
- **Jan. 24** – Monday COVID-19 Update w/ Dr. Mark
- **Feb. 10** – Software to Treat Disease: Prescription Digital Therapeutics