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Press Releases

Preliminary Data Analysis: Effectiveness of the Fourth Dose for Older Adults 60 Years of Age and Older

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A message from the COVID-19 fighting committee

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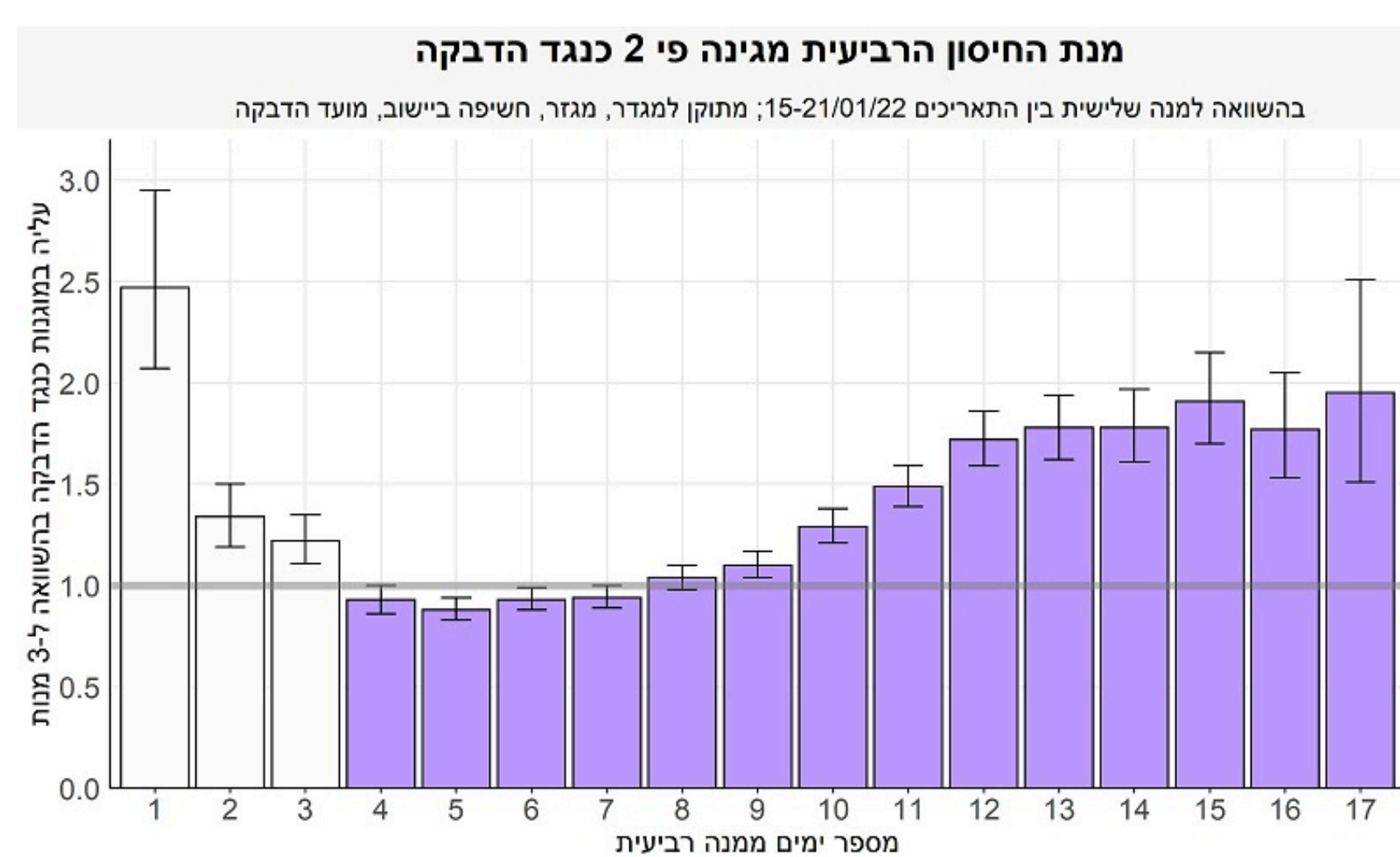
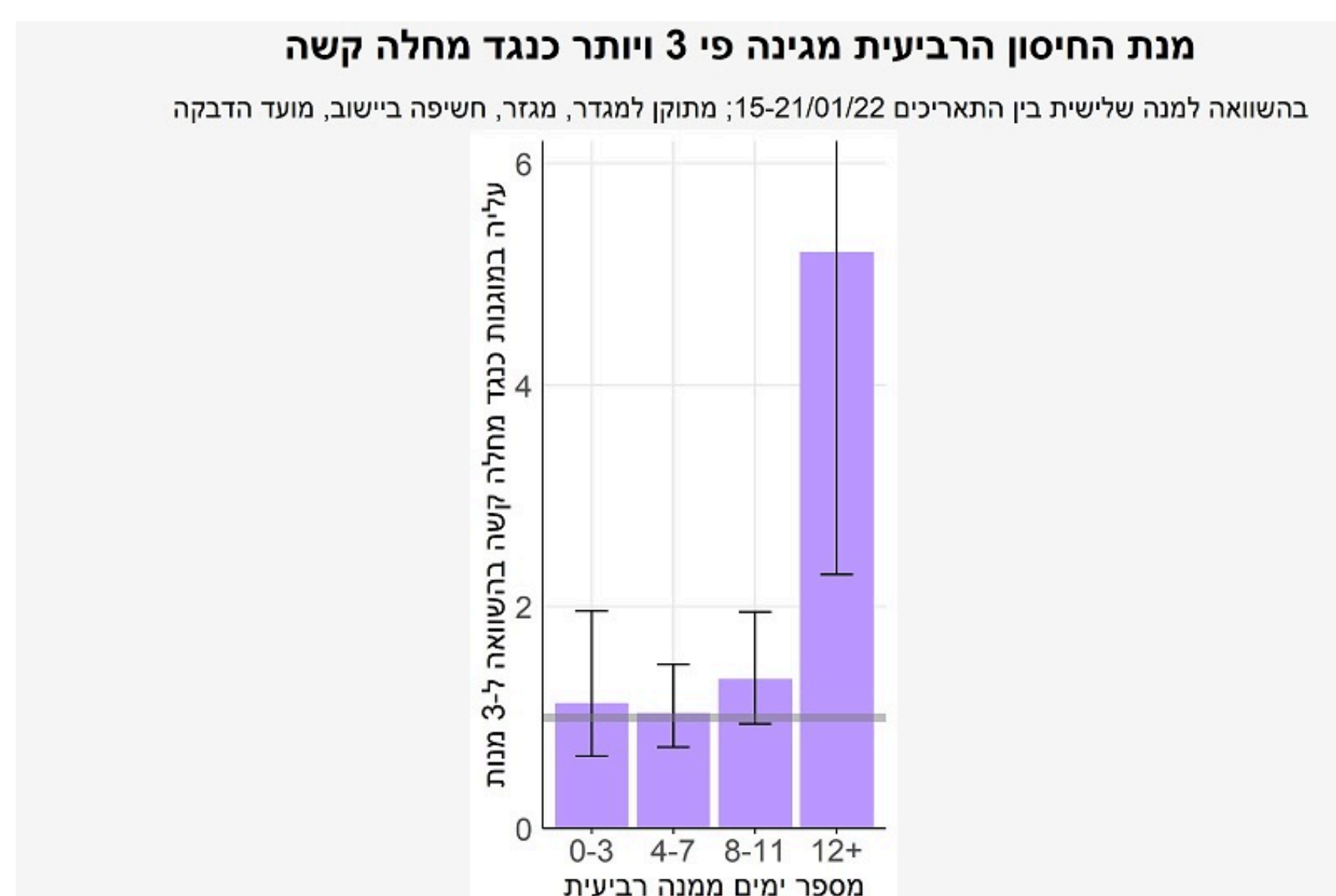
Thus emerges from the preliminary data analysis conducted by the team of researchers from the Ministry of Health, Weizmann Institute of Science, the Technion, the Hebrew University and Gertner Institute in Sheba Medical Center.

In early January, in light of the rapid spread of the Omicron variant, the vaccination of older adults aged 60 and older, individuals at high risk and medical teams with the fourth vaccine dose with initiated.

The preliminary data analysis tested the effectiveness of the fourth vaccine dose found that among adults aged 60 and older, the fourth dose raises protection against infection by up to 2 times, compared to those previously-vaccinated with the third dose.

Additionally, the fourth dose raises protection against severe illness by up to 3 times and higher compared to those previously-vaccinated with the third dose.

The protection comparison has been conducted in relation to those vaccinated with the third dose who are 4 months or more after their last vaccination date. The analysis is based on the data of about 400,000 adults aged 60 and older who have been vaccinated with the fourth dose and about 600,000 adults aged 60 and older who have been vaccinated with the third dose. The analysis was performed using Poisson regression (a statistic method) and with correction for risk factors and exposure, similar to the team's previous studies that were published in the leading medical journal, New England Journal of Medicine. Preliminary results will be updated over time when additional follow-up data are available.



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