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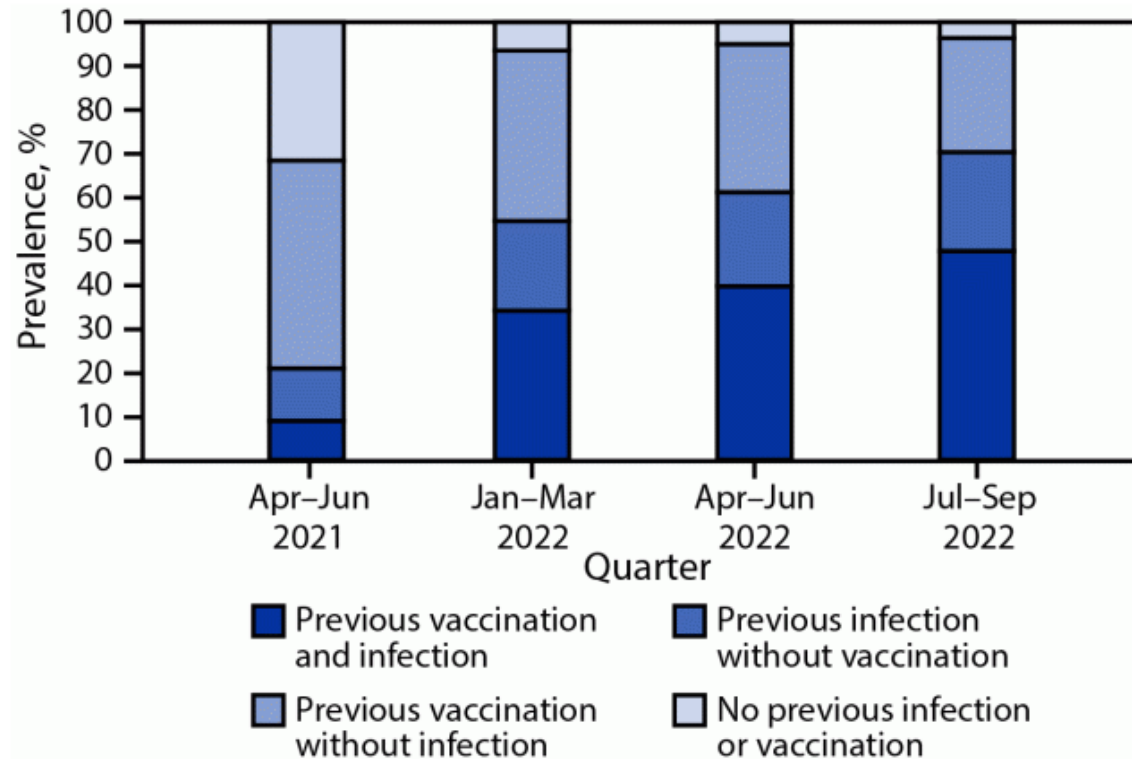
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HEALTH OFFICER REPORT JUNE 2023

TRACIE NEWMAN, MD, MPH, FAAP



CDC MMWR: NEARLY ALL AMERICANS HAVE SARS-COV-2 ANTIBODIES

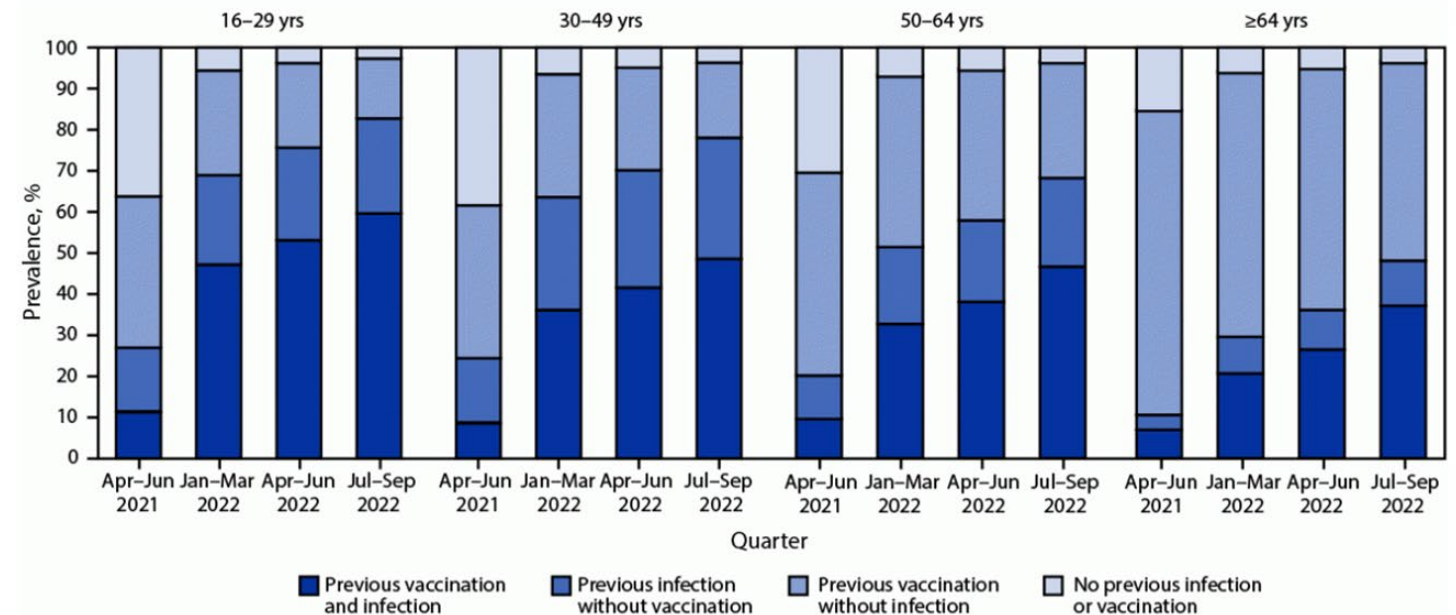


- New data suggests 96% of Americans ≥ 16 years have antibodies against SARS-CoV-2 from infection, vaccination, or both
 - ~23% infection alone
 - 26% vaccination alone
 - Nearly 48% hybrid immunity

CDC MMWR: LOWER INFECTION-INDUCED & HYBRID IMMUNITY IN ≥ 65

- Public health implications: successful infection prevention efforts led to low prevalence of non-vaccine immunity in older adults (highest risk for severe disease); important for this group to stay UTD on COVID-19 vaccination, including 1 bivalent dose

FIGURE 2. Prevalences of vaccine-induced, infection-induced, and hybrid* immunity[†] against SARS-CoV-2 among blood donors aged ≥ 16 years, by age group — United States, April 2021–September 2022



FDA APPROVES RSV VACCINES FOR ADULTS ≥ 60

- RSV = common illness resulting in thousands of hospitalizations and deaths in this age group each year
- GSK vaccine Arexvy approved
- Pfizer vaccine ABRYSVO™ now approved for older adults
 - Also being evaluated for use during pregnancy to protect infants
- CDC's ACIP will consider best uses for vaccines and make recs by end of June 2023



Among people aged 60 years and older, Pfizer's RSV vaccine was:



effective at preventing illness
with two or more symptoms



effective at preventing illness
with three or more symptoms

Healio

U.S. MAYORS SURVEY: DEMAND FOR MENTAL HEALTH SERVICES INCREASING

U.S. Conference of Mayors released survey data from 117 cities in 39 states

FALL COVID VACCINES WILL TARGET XBB VARIANTS

- Monovalent Omicron XBB.1.5 vaccine
- CDC will decide who gets updated vaccines (everyone vs high-risk groups)
- FDA to follow data and decide how frequently vaccines need to be updated (more than once a year not expected)
- No combined flu-COVID vaccine yet



REFERENCES

- [Estimates of SARS-CoV-2 Seroprevalence and Incidence of Primary SARS-CoV-2 Infections Among Blood Donors, by COVID-19 Vaccination Status — United States, April 2021–September 2022 | MMWR \(cdc.gov\)](#)
- [FDA Approves First Respiratory Syncytial Virus \(RSV\) Vaccine | FDA](#)
- <https://www.usmayors.org/2023/06/02/survey-of-mayors-u-s-conference-of-mayors-releases-new-data-on-mental-health-crisis-and-city-responses/>
- [FDA calls for updated COVID vaccines to target XBB variants | AAP News | American Academy of Pediatrics](#)