

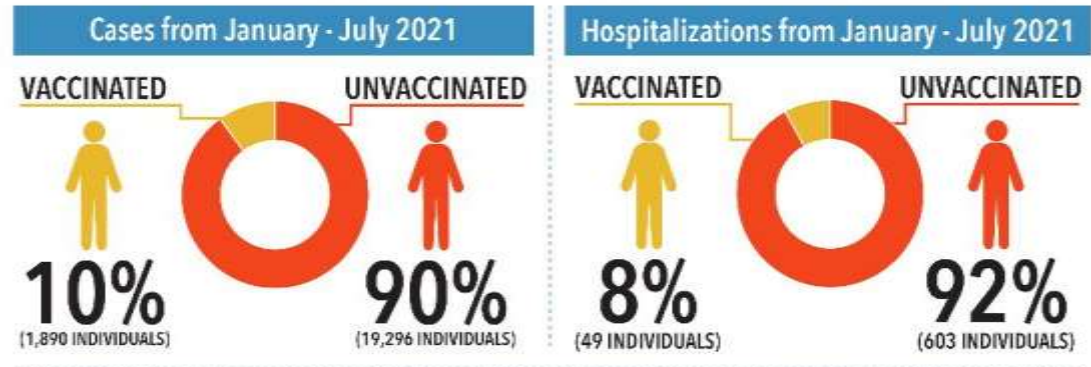
# Alaska Vaccine Breakthrough Cases

Vaccinated vs. Unvaccinated Cases and Hospitalizations

January – July 2021

Vaccine breakthrough (VB) infections of COVID are those detected in a person who is more than 2 weeks beyond their second dose of a 2-dose series or the only dose of a 1-dose series.

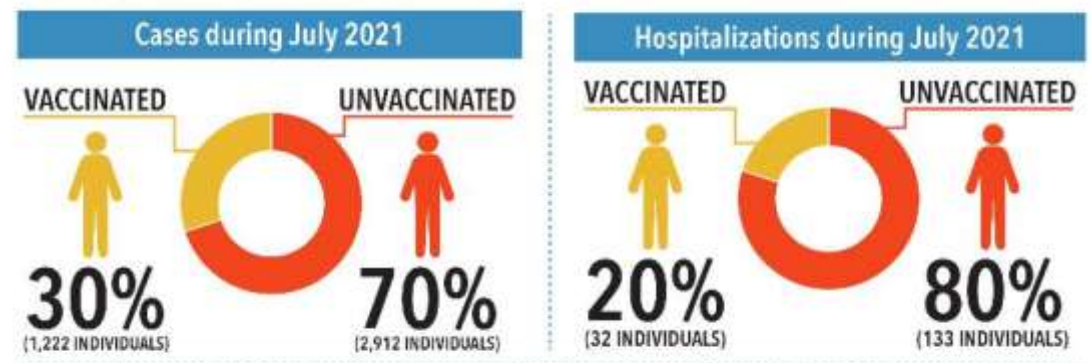
## COVID-19 in Alaska



Vaccinated individuals were fully vaccinated (series complete + two weeks).  
Unvaccinated individuals have not received a vaccine or are partially vaccinated.

July 2021

## COVID-19 in Alaska



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# Hospitalization By Vaccination Status

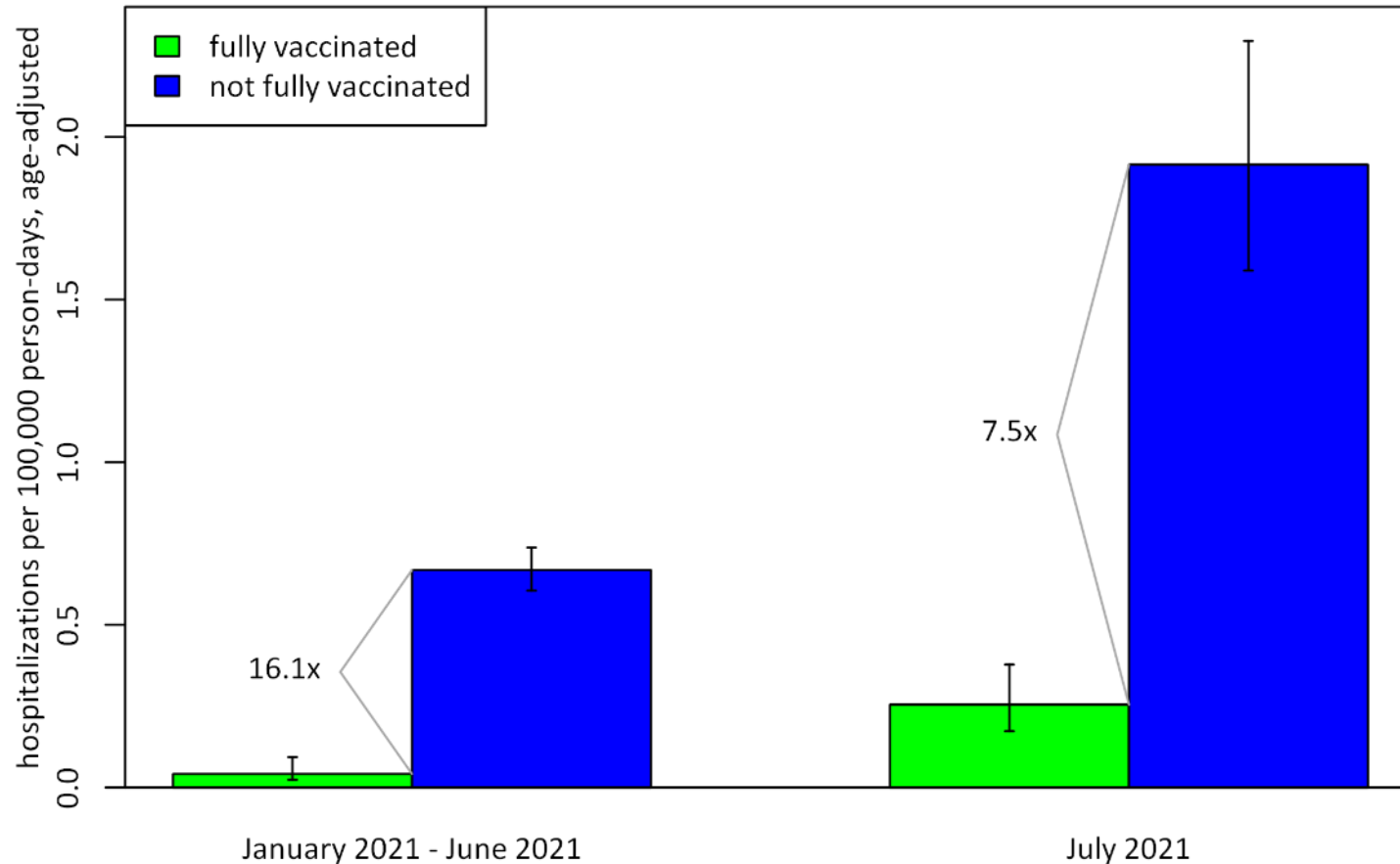
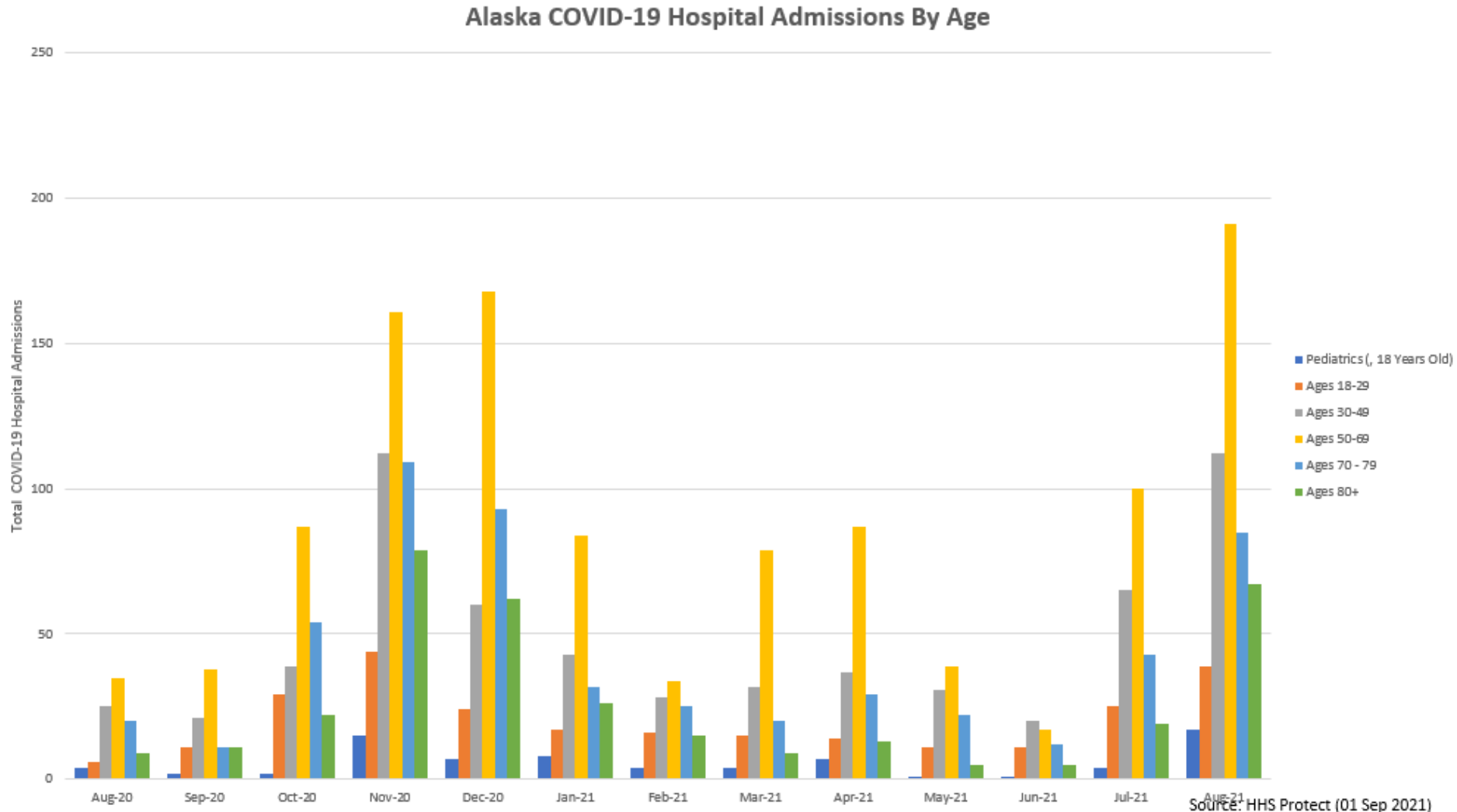


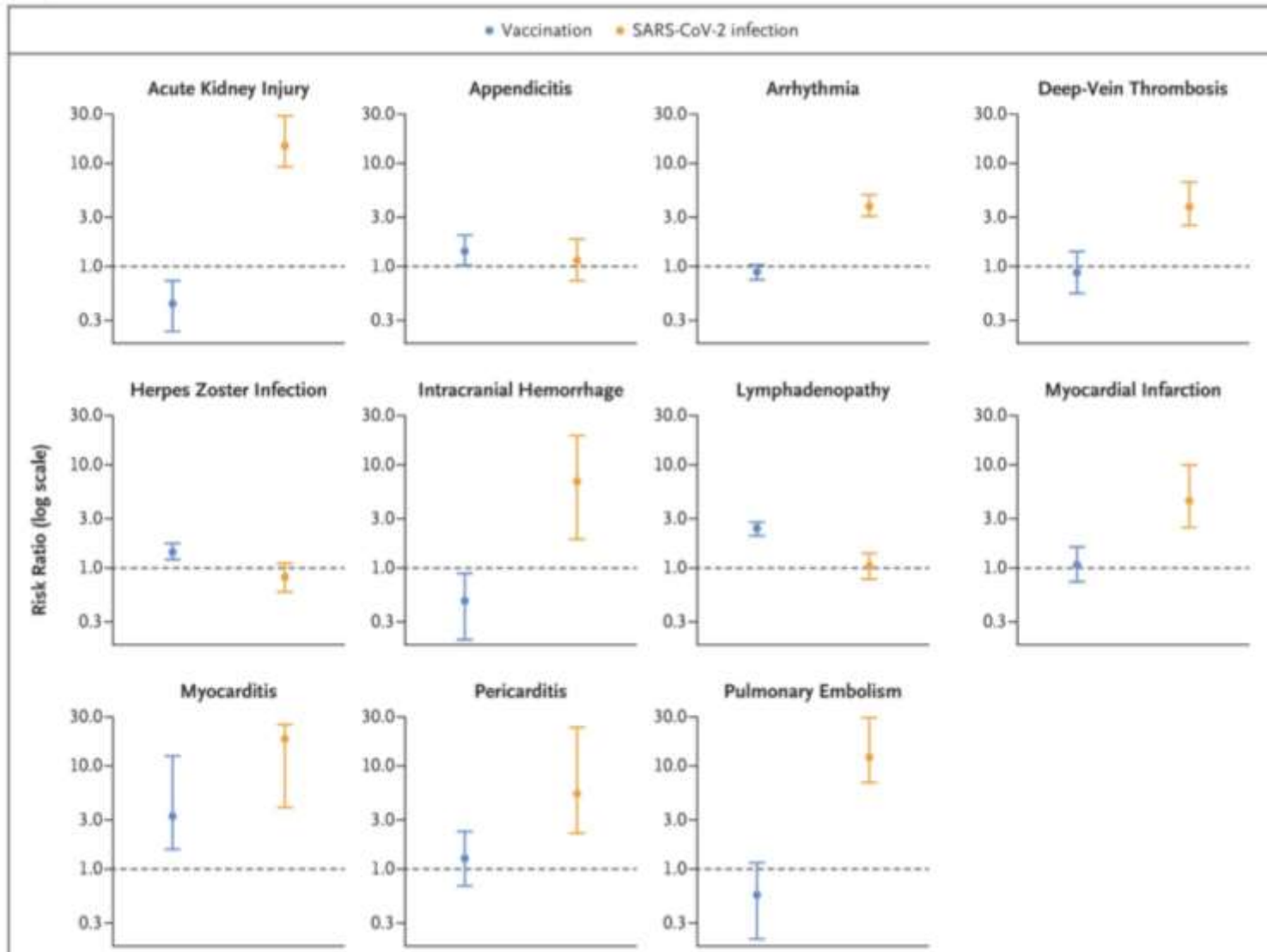
Figure 4. Age-adjusted incidence of hospitalization due to COVID-19 among Alaska residents aged  $\geq 12$  years by vaccination status (fully vaccinated versus not fully vaccinated), stratified by hospitalizations among COVID-19 cases with first positive specimen collected from January 16 through June 30 or during July 2021.

[http://dhss.alaska.gov/dph/epi/id/siteassets/pages/HumanCoV/COVID\\_monthly\\_update\\_July2021.pdf](http://dhss.alaska.gov/dph/epi/id/siteassets/pages/HumanCoV/COVID_monthly_update_July2021.pdf)

# Alaska COVID 19 Hospital Admissions By Age



# Risk from mRNA vs Risks from COVID-19



# Disease Progression + Treatment

