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INTERNATIONAL ECONOMICS

The Vaccine Rollout Thus Far in the United States

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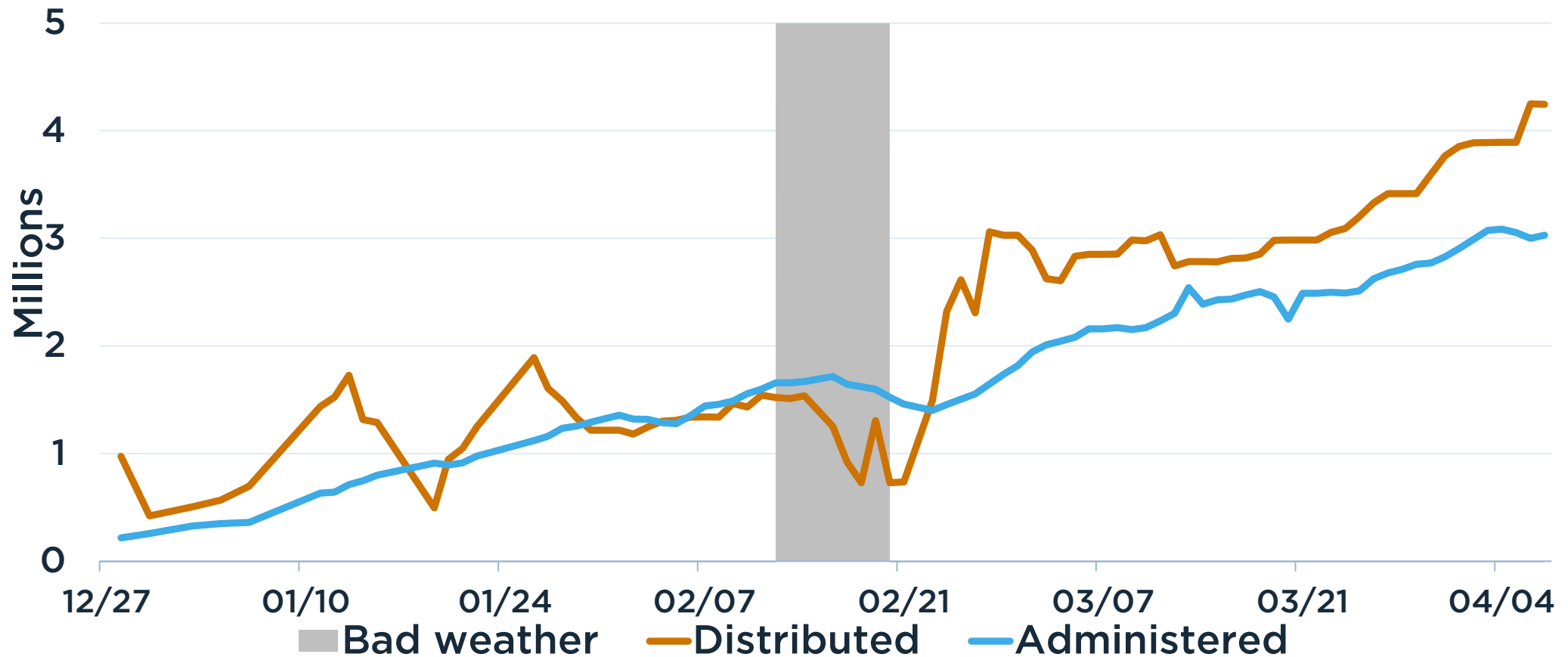
April 8, 2021

Four key challenges in the early going

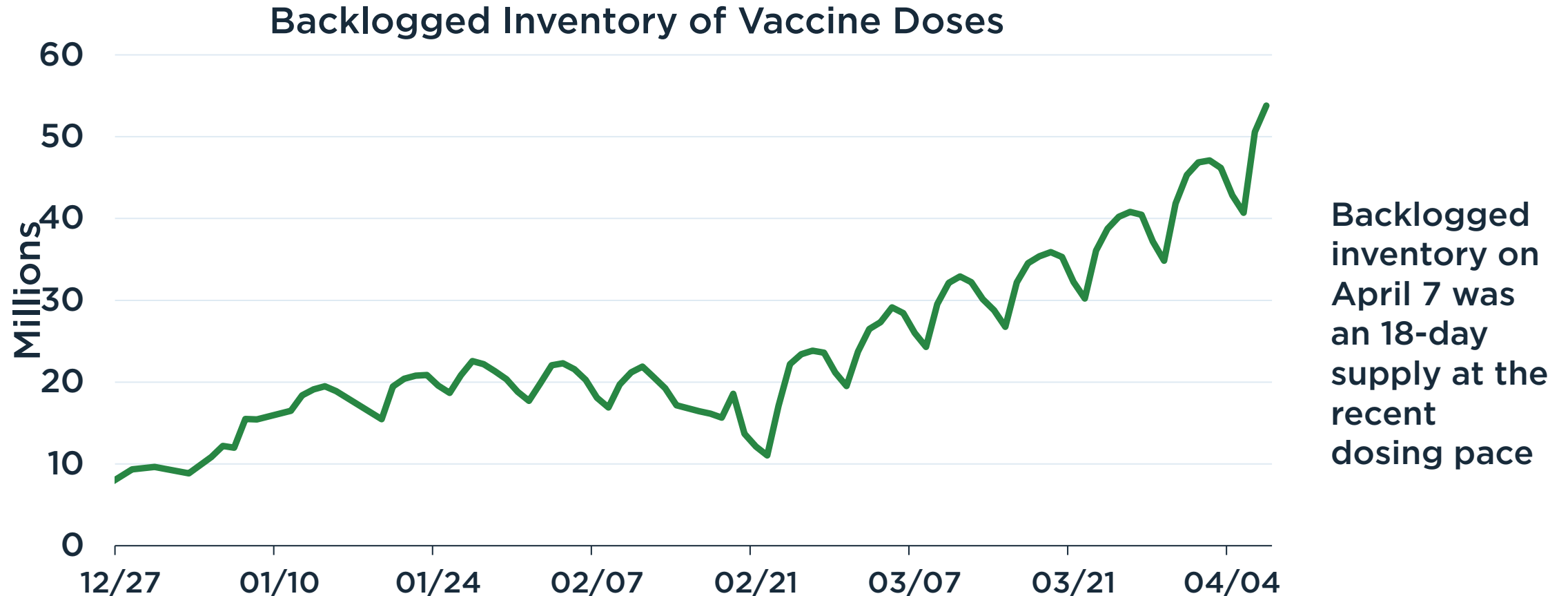
1. Limited supply of doses
2. Insufficient capacity for delivering jabs
3. Grotesquely inequitable distribution
4. Widespread hesitancy
 - Substantial recent progress on the first two
 - Third and fourth still require urgent attention

Substantial progress on supply and dosing

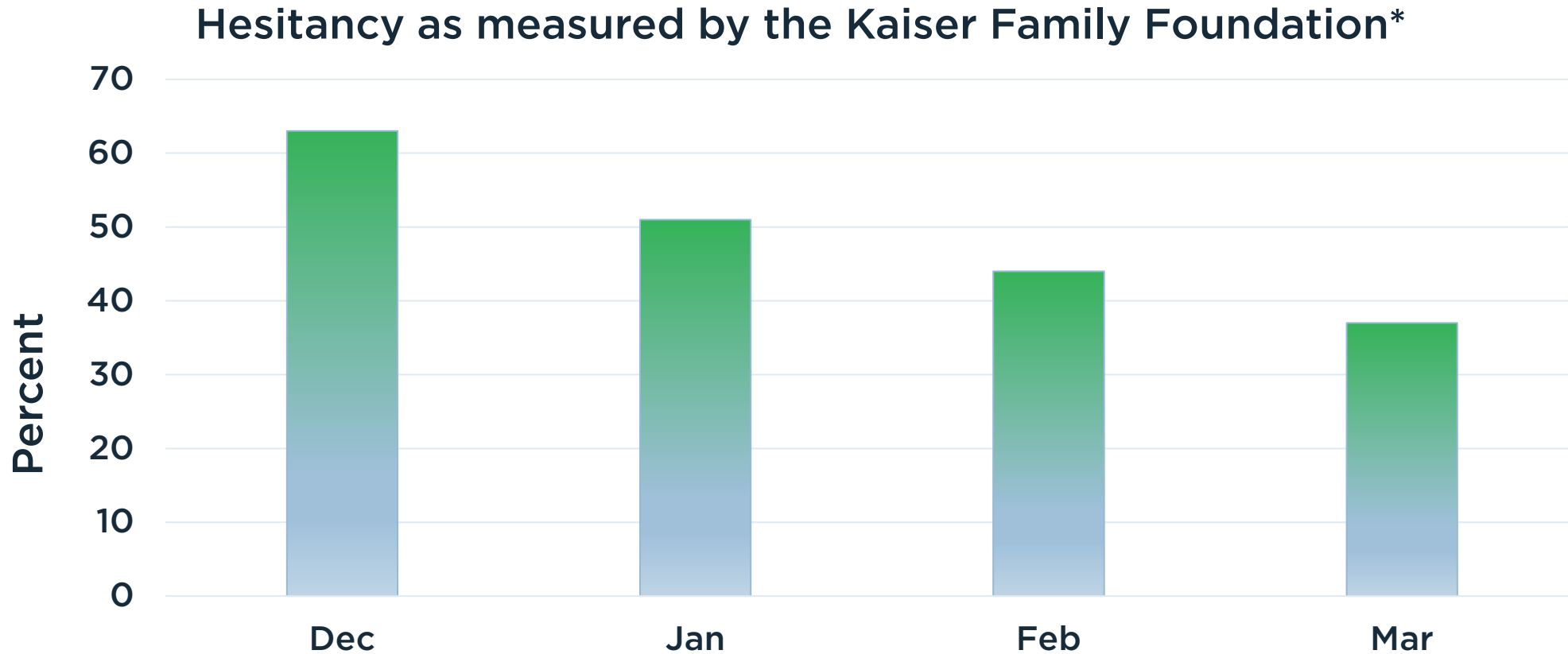
Vaccine Doses Distributed and Administered
Seven-day averages



Nonetheless, the implied backlog has bulged



Overall hesitancy has receded some...



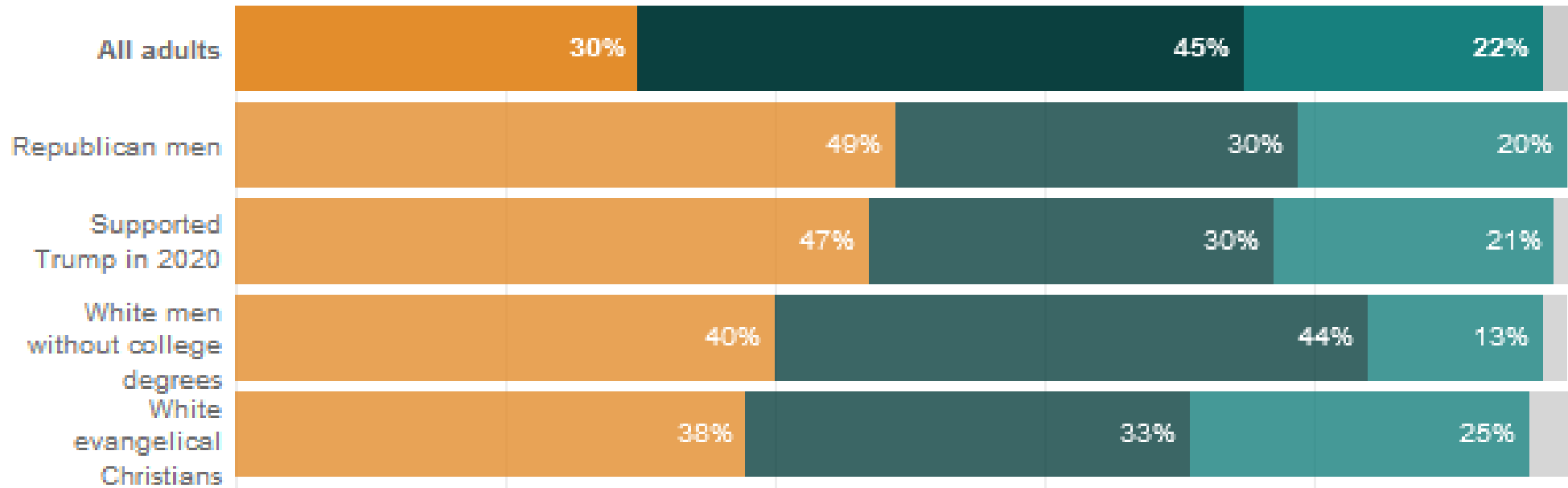
"Wait and see" plus "only if required" plus "definitely not"

Source: <https://www.kff.org/coronavirus-covid-19/poll-finding/kff-covid-19-vaccine-monitor-march->

But important pockets of skepticism remain

If a vaccine for the coronavirus is made available to you, will you choose to be vaccinated?

■ No
 ■ Yes
 ■ Yes, already received
 ■ Unsure

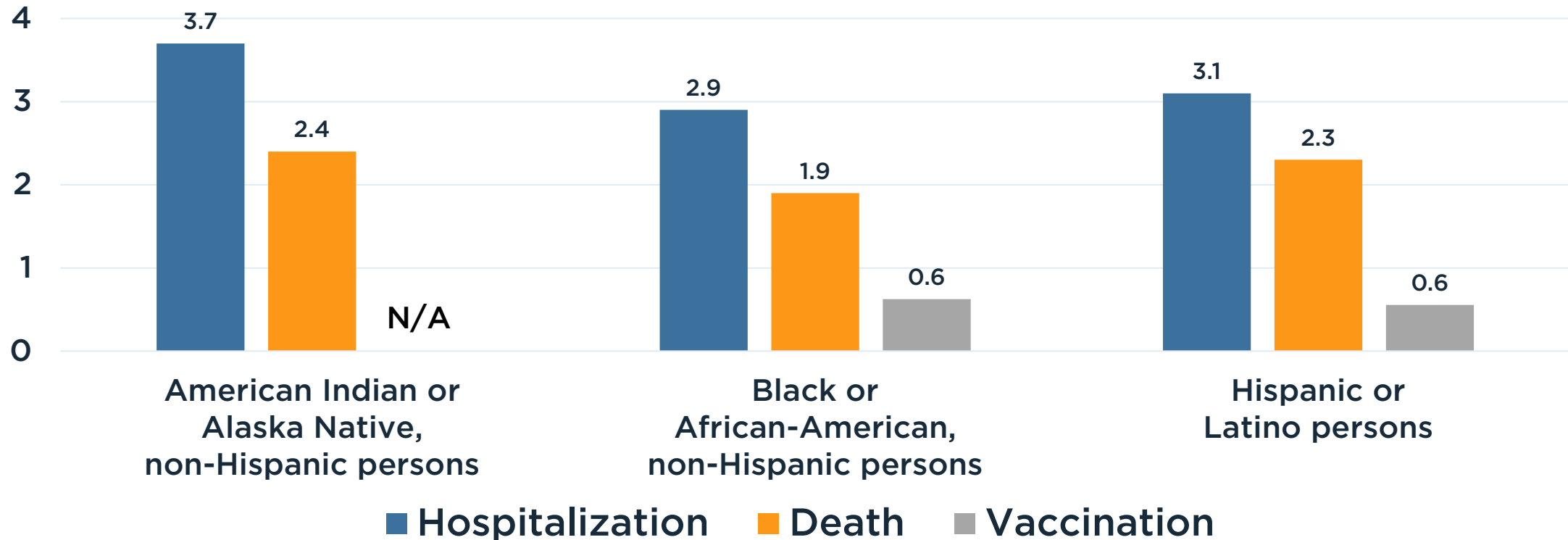


Encouragingly, according to both the KFF survey and one by NPR/PBS/Marist, differentials by race and ethnicity collapsed in March

Source: NPR/PBS NewsHour/Marist poll conducted between March 3 and March 8; <https://www.npr.org/sections/coronavirus-live-updates/2021/03/12/976172586/little-difference-in-vaccine-hesitancy-among-white-and-black-americans-poll-find>

Doses are still distributed grotesquely inequitably

Ratios to the Experience of White, Non-Hispanic Persons



Sources: Centers for Disease Control and Prevention <https://www.cdc.gov/coronavirus/2019-ncov/covid-data/investigations-discovery/hospitalization-death-by-race-ethnicity.html>, accessed April 7, 2021;

Kaiser Family Foundation <https://www.kff.org/coronavirus-covid-19/issue-brief/latest-data-on-covid-19-vaccinations-race-ethnicity/>, accessed April 7, 2021

Lessons for the Pandemic Age

1. Maintain manufacturing capacity
2. Invest in public health infrastructure
3. Dismantle structural barriers by race and ethnicity
4. Restore public trust in science, evidence, institutions