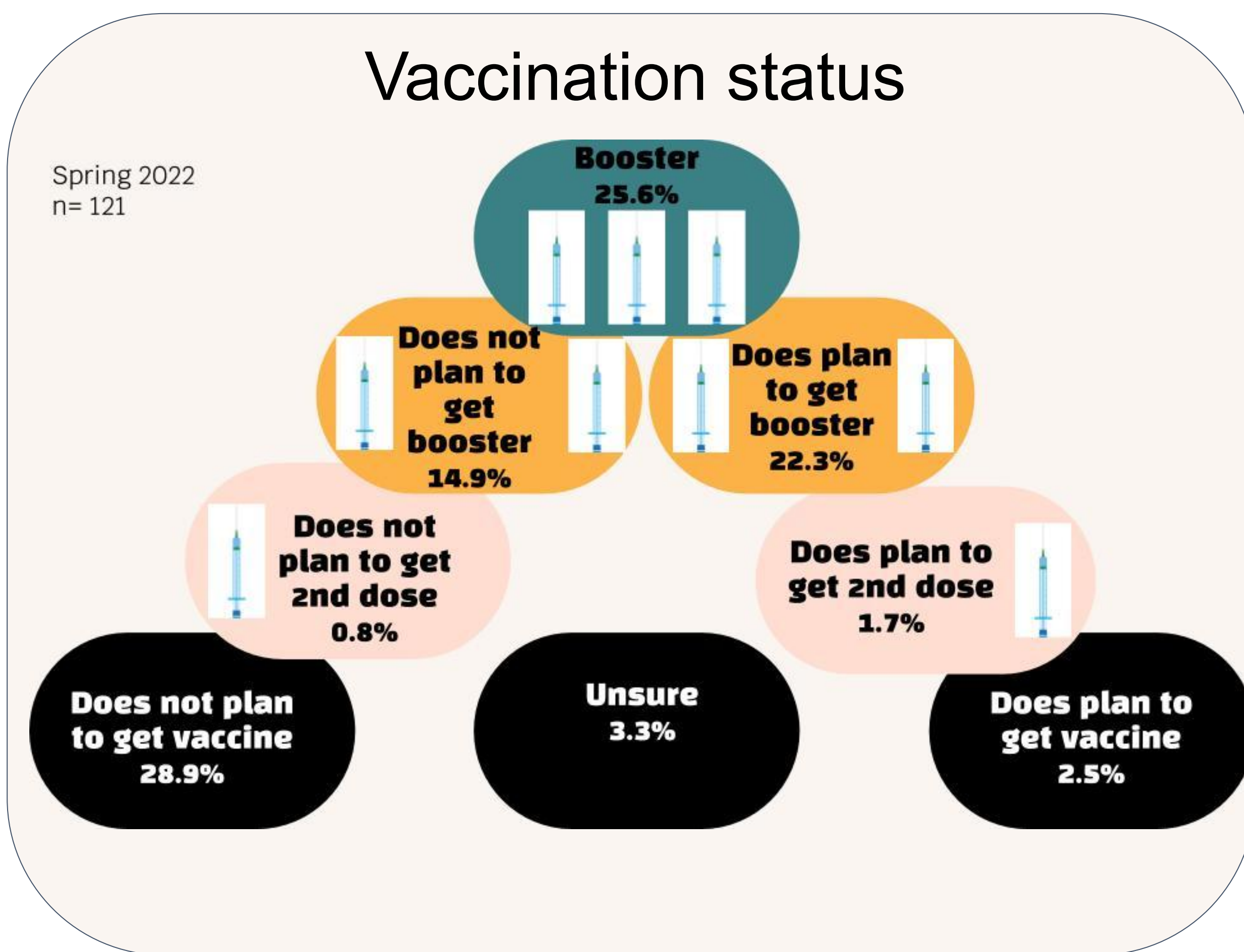




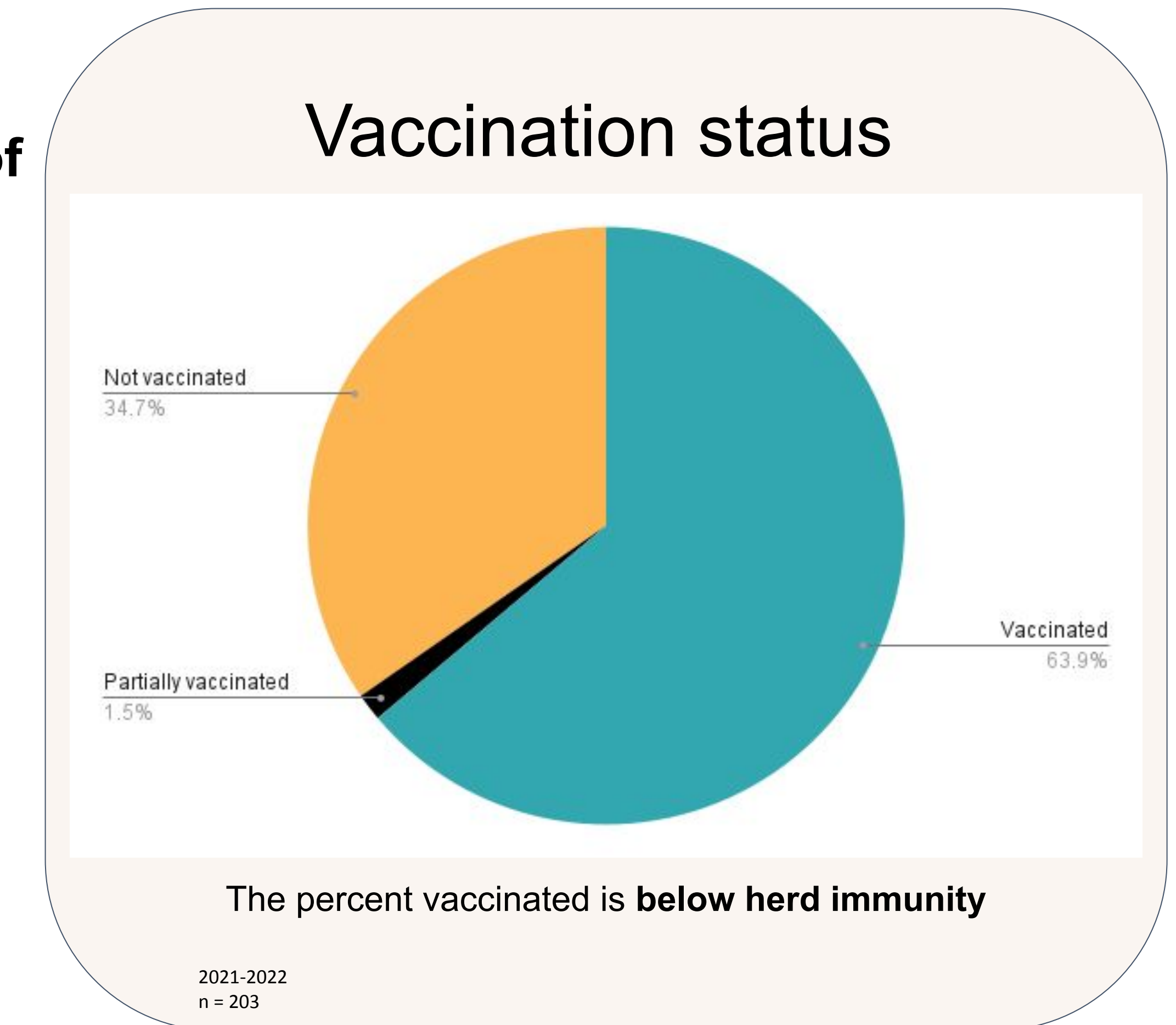
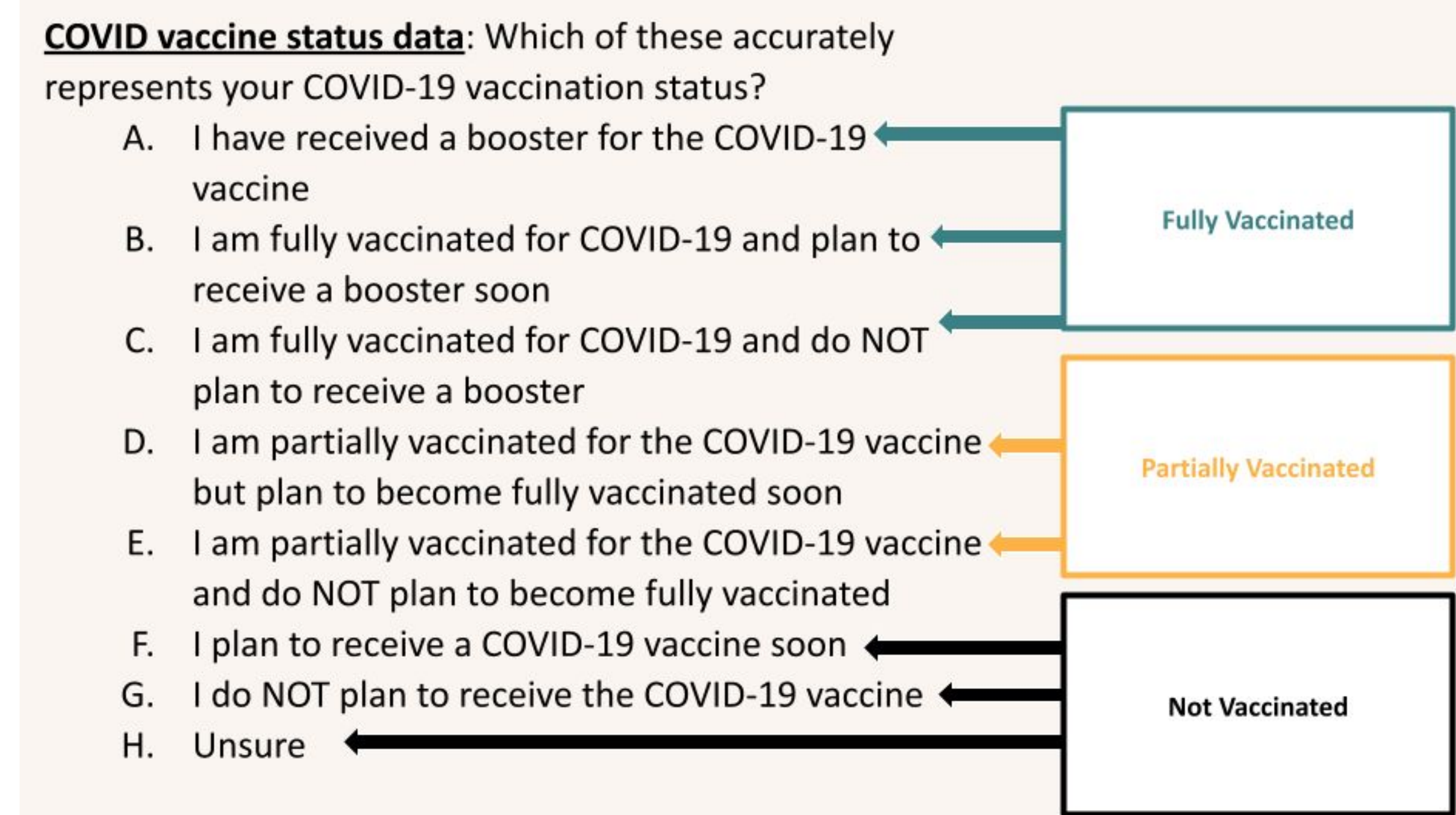
Changes In Student Vaccination Reasoning As The Pandemic Progresses



General Education Biology Courses for Non-Biology Majors

- Human Biology 126 (Fall 2021)
- Concepts of Biology 111 (Spring 2022)

How does student reasoning change over the course of several months in a pandemic?

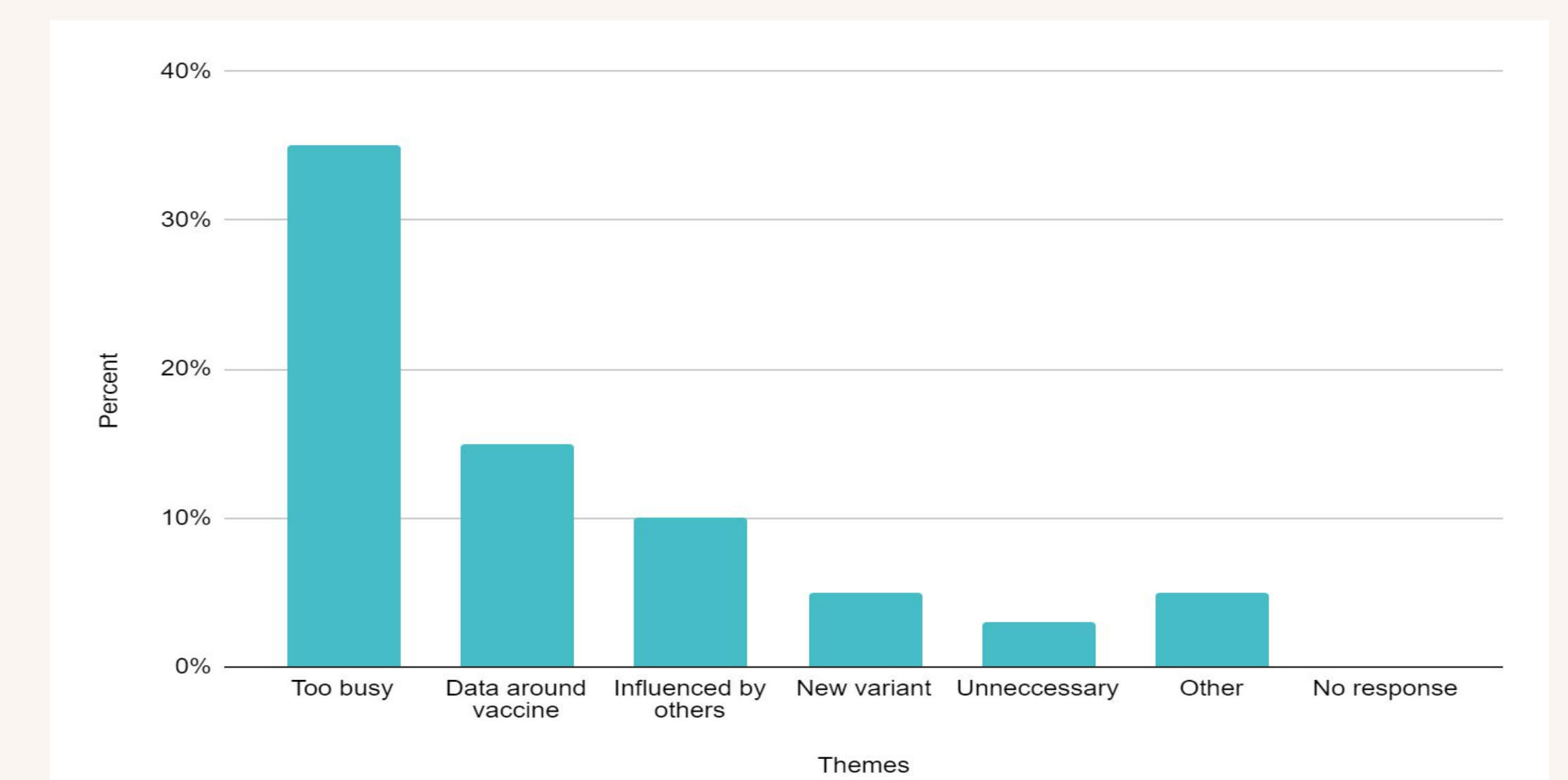
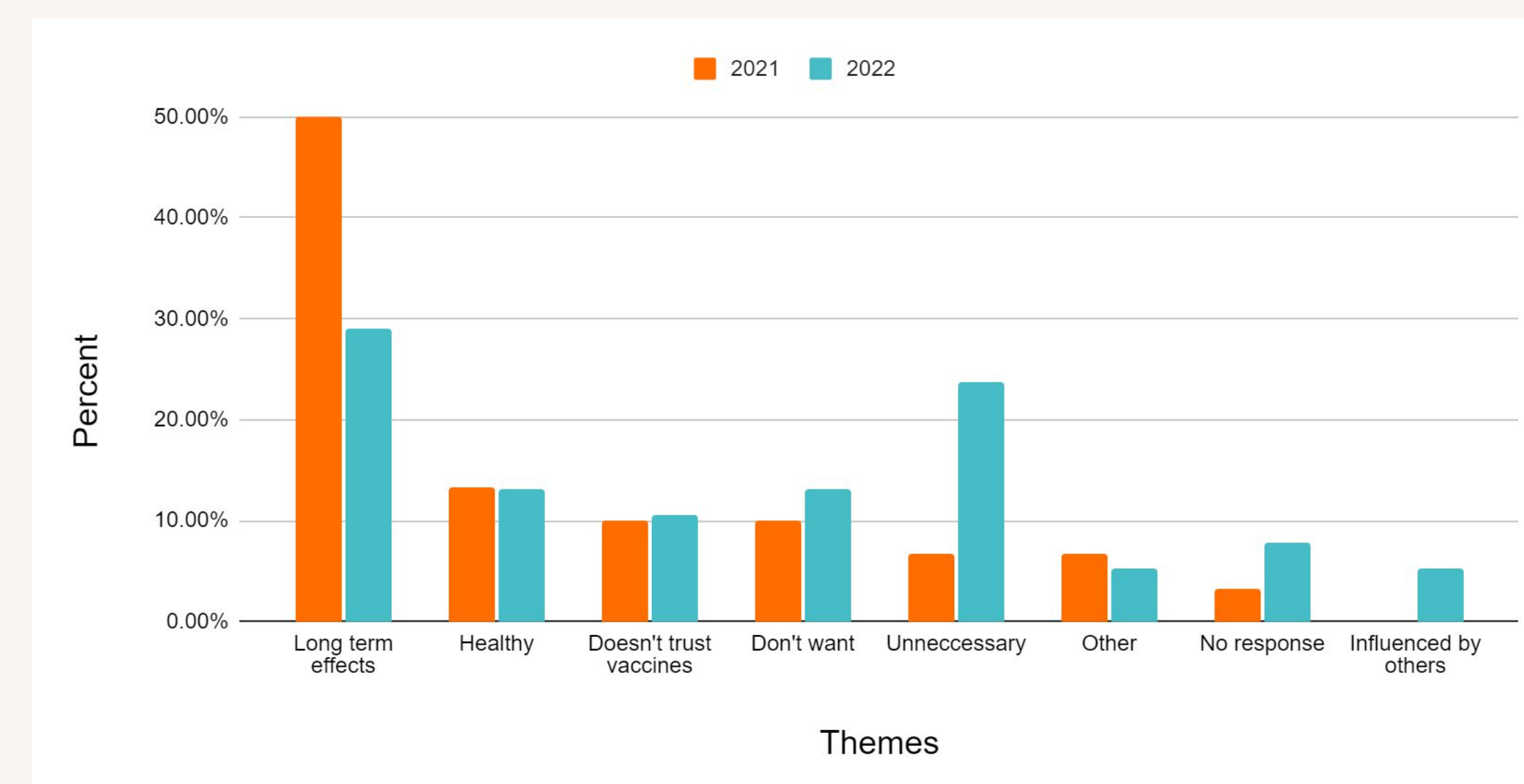
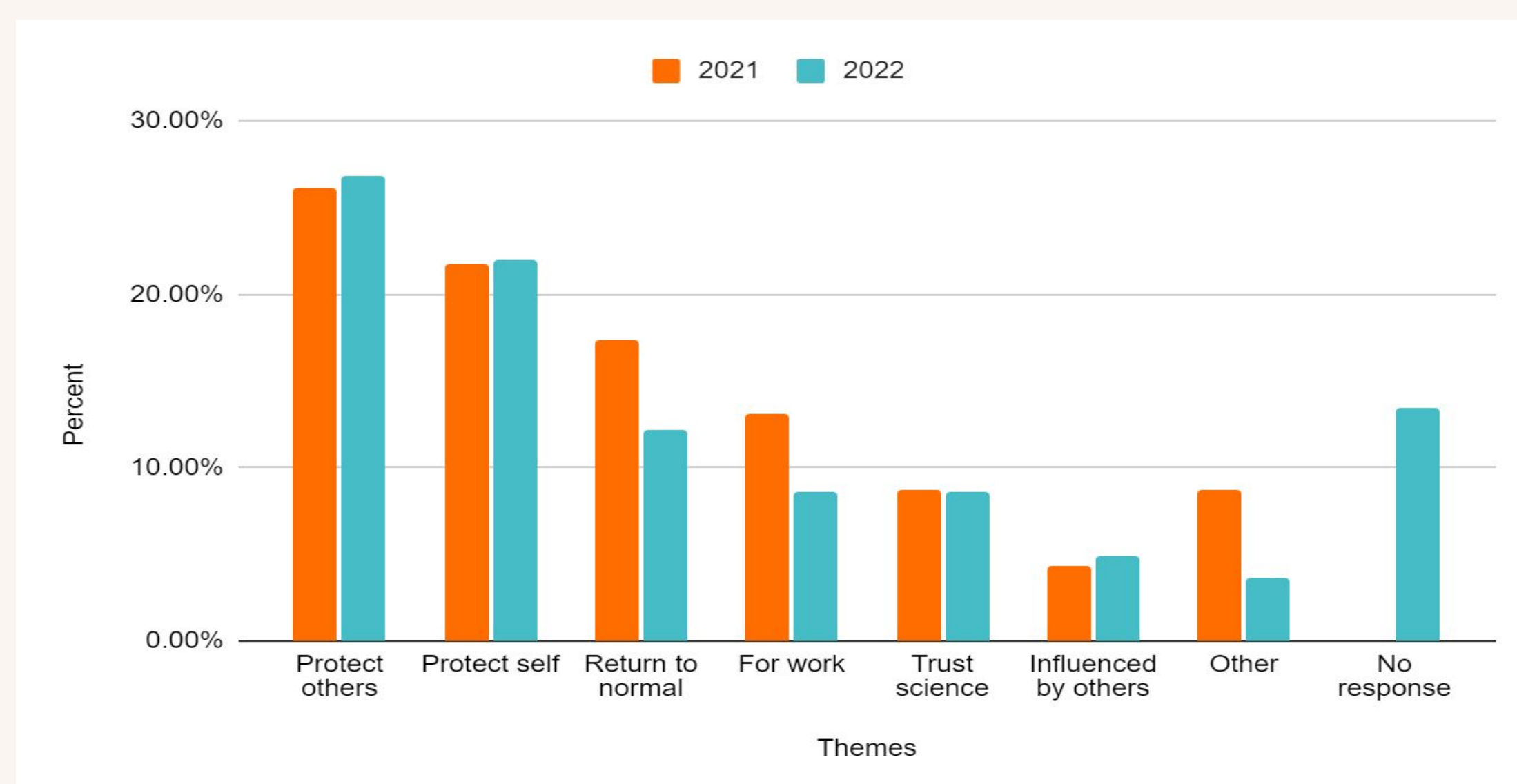


Why do students get vaccinated?

Why do students not get vaccinated?

What barriers keep students from getting the next dose?

(ex: partially vaccinated, not boosted)



Decrease in reasoning of **Return to normal** and **For work**

Decrease in reasoning of **Long term effects**
 Increase in reasoning of **Unnecessary**

Convenience is important

Reasons	Examples	IRR - 92%	Reasons	Examples	IRR - 91.93%	Reasons	Examples	IRR - 86.62%
Protect Others	"I have a lot of high risk family members and to keep them safe I am fully vaccinated."		Long term effects	"Will consider getting in the future, just wasn't ready to take an emergency vaccine that had unknown side effects."		Too busy	"I have procrastination issues"	
Protect Self	"I am fully vaccinated and boosted because I wanted to take every measure possible to protect myself from the virus."		Healthy	"I do not feel I need a vaccine for a virus with a 99% survival rate"		Data around vaccine	"After receiving the first 2 doses of Pfizer i learned the data surrounding the vaccine and did not find it in my best interest to receive a booster"	
Return to Normal	"I was traveling internationally and needed it, it also benefits society which is a plus"		Doesn't trust vaccines	"I don't feel comfortable with it and many other vaccines"		Influenced by others	"My parents made me do it"	
Work	"it was free, and i needed it for work"		Don't want	"Don't want it"		New variant	"I just don't think I need the booster for this new variant! It's not as bad as the others"	
Trust Science	"I believe in science and I also want to protects others who are at risk"		Unnecessary	"I don't need it yet"		Unnecessary	"I just don't see need in having the booster at the moment."	
Influence by others	"I did not even want to be vaccinated in the first place but I am in the National Guard so I was forced to."		Influenced by others	"I will be cut off by my parents if I receive the vaccine, therefore I have not gotten it"				

Student rational for vaccination status has changed throughout the pandemic

Curious about implications and additional research? Listen to our podcast on Youtube!

