

# Vaccine Distribution

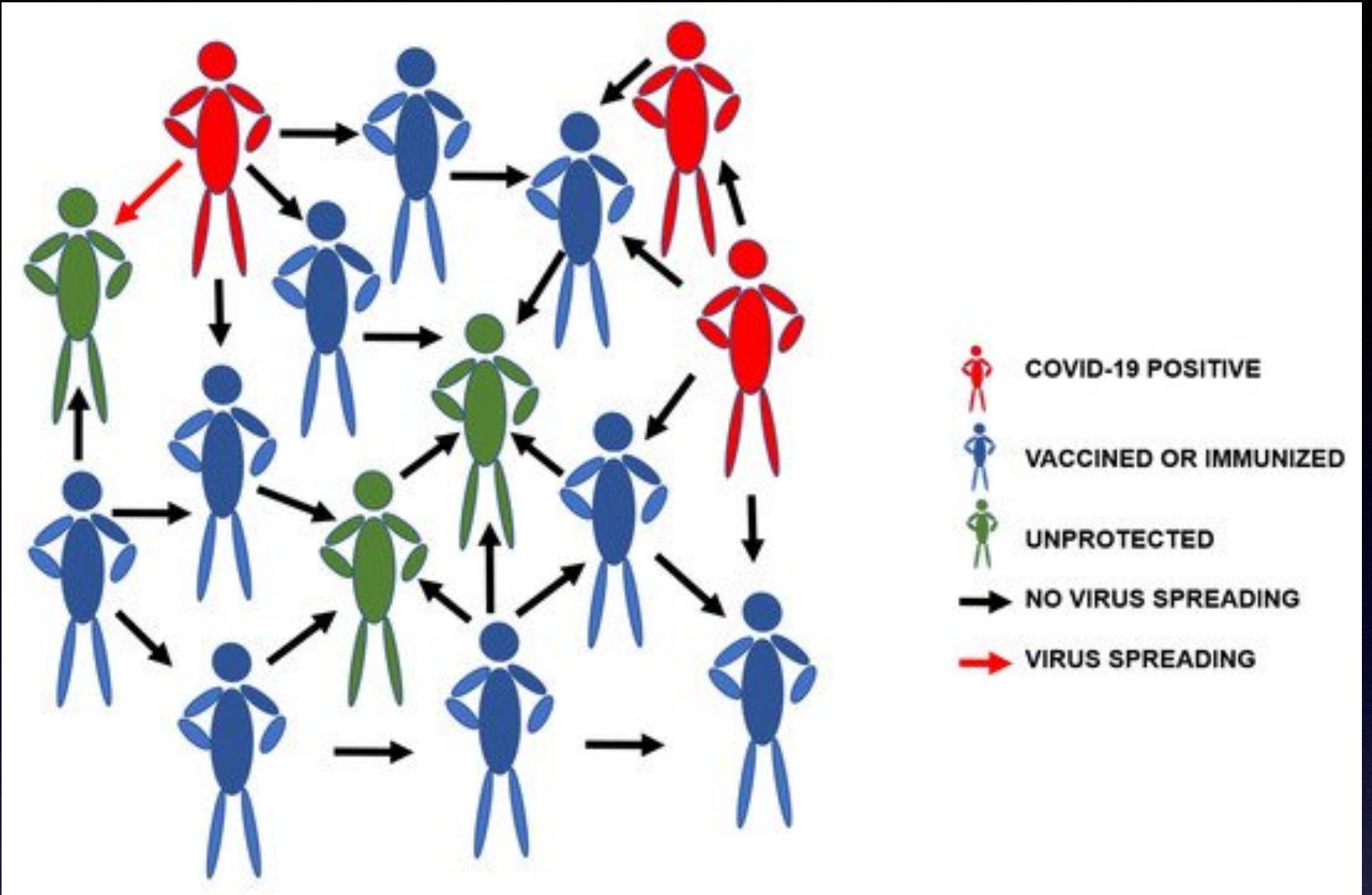
# Vaccine Distribution

- How should we distribute Covid-19 vaccines?
- What incentives, if any, can we ethically use to encourage Covid-19 vaccination?
- What mandates, if any, can we ethically use?



- Sterilizing immunity (immunity against infection): teaches our immune system to stop a pathogen, including viruses, from replicating within our bodies.
  - This typically happens when immune cells in the body are able to bind to the pathogen in places that prevent it from being able to enter a cell where it can start making copies of itself.
  - Some of these immune cells may produce neutralizing antibodies, which are proteins that recognize specific proteins and structures on the surfaces of pathogens.
  - Sterilizing immunity might wane.
- Functional immunity (immunity against disease): teaches our immune systems to recognize and fight the virus *after* infection.
  - Vaccine induced response does produce neutralizing antibodies.
  - Cell mediated immunity is slower and utilizes a variety of tools to slow and eventually stop viral replication after it has begun. People infected might not develop symptoms or might have a mild, cold-like infection. The immune response is successful if the infection fails to develop into the disease.
  - Functional immunity might also wane.





# What values should guide our decisions?

Save lives			
Preserve liberty			
Preserve jobs			
Protect children' education			
Protect national security			



**NJ**

## SHOT AND A BEER: GET VACCINATED, RECEIVE A FREE BEER!



Battle River Brewing, Toms River  
Bradley Beer Project, Bradley Beach  
Bolero Snort Brewing Company, Carlstadt  
Brix City Brewing Company, Little Ferry  
Carton Brewing Company, Atlantic Highlands  
Flounder Brewing Company, Hillsborough  
Flying Fish Brewing Company, Somerdale

Gaslight Brewery and Restaurant, South Orange  
Hackensack Brewing Company  
Kane Brewing Company, Ocean Township  
Little Dog Brewing Company, Neptune  
Magnify Brewing Company, Fairfield, Essex County

**State Government  
Vaccine Incentives**



MILLION DOLLAR  
LOTTERIES

SCHOLARSHIPS

FREE  
FOOD & DRINKS

California	10 winners: \$1.5 million each 30 winners: \$50,000	Albertsons	\$100 to associates
Colorado	Five winners: \$1 million	Amazon	\$80 to front-line employees
Kentucky	Three winners: \$1 million	American Airlines	\$50 worth of points in the company's recognition platform
Amtrak	2 hours	Anthem	Credit toward medical premiums
Aldi	4 hours	AutoZone	\$100
Chobani	6 hours	Bolthouse Farms	\$500

# Vaccine Incentive Concerns

- How are incentives viewed by those who mistrust the vaccines? Might they view incentives as confirming their suspicious that the vaccines aren't either safe or effective?
- Might incentives put excessive pressure on people with lower incomes?
- Is it fair to provide incentives to motivate people to get vaccinated after many got vaccinated before the incentives? Might it be fairer too restructure such incentives as a penalty? For instance, instead of offering reduced health premiums to those reluctant to get vaccinated, might it be fairer, as Delta airlines did, to increase the health premiums of those who refuse?