

# Vaccines

This topic gets right into the heart of the problem of Scarcity and Samuelson's third fundamental question of Economics.

## Ranking Activity

You might want students to cut these up to physically rearrange them, but otherwise they should just be able to rank the 1-12. For ranking activities, I sometimes like to ask students to rank in pairs and then join another pair and see if they can agree a final ranking between the four of them. I've found that doing it in pairs first gives students a bit more confidence to justify their choices, but it does obviously take longer.

## Allocation Activity

You might need to be sensitive in using this: you may choose to omit this activity

## Tables

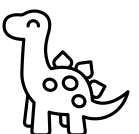
I recommend referring students to the article ['Who should be vaccinated first?'](#) by Aditya Goenka and Lin Liu at the Economics Observatory published 30<sup>th</sup> March 2021. It doesn't have all of the answers, students may need to come up with pros and cons themselves, but it's a great place to start and explains the different approaches of different countries.



# Vaccines

Different countries have taken different approaches when distributing vaccines. Rank the following considerations from those which you think are most important to those which you think are least important.

Saving most lives	Encouraging Vaccine-uptake (eg by celebrities or sports personalities prioritized)	Preventing morbidity
Ability or willingness to pay	Maintaining key industries and services	Preventing spread
Reducing wasted vaccines	Protecting the healthcare system	Preservation of cultures which are at risk of dying out (eg Cherokee)
Protecting the Economy	Saving life-years	Getting the population vaccinated as quickly as possible

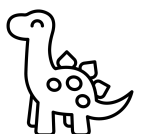


# Vaccines

You are in charge of distributing vaccines in a small town. Justify who would receive vaccines if you had:

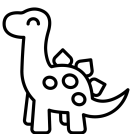
- 3 full doses
- 7 full doses
- 12 full doses

Doreen, a 86 year old who lives with her daughter's family	Brian, the well-respected local mayor, aged 52	Mark, 29 year old with Cystic Fibrosis who has been shielding for the last 9 months
Gavin, local entrepreneur willing to pay \$1m for him and 4 members of his household to be vaccinated	Marge, 42 year old delivery driver with 3 children	Sian, 20 year old student who has already had 2 years of expensive study disrupted
Sam, 25 year old painter-decorator	Travis, 62 year old hospital porter	Geoff, 81 year old who lives alone
Claire, 59 year old with Type 2 diabetes who works for shoe company from home	Sabina, 45 year old respiratory specialist	Ted 65 year old who is willing to wait at the vaccination centre just in case there is a spare dose
Ben, 35 year old ICU nurse	Betty, 79 year old living in a care home	Victor, 62 year old dentist
Cam, 64 year old super market assistant	Tracey, 48 year old Primary School Teacher	Louis, a 75 year old pensioner who runs half-marathons



# Vaccines

	How it could work in practise	Advantages	Disadvantages	Are there any countries considering this when allocating their vaccines?
Saving most lives				
Encouraging Vaccine-uptake (eg by celebrities or sports personalities prioritized)				
Preventing morbidity				



# Vaccines

	How it works	Advantages	Disadvantages	Are there any countries considering this when allocating their vaccines?
Ability or willingness to pay				
Maintaining key industries and services				
Preventing spread				



	How it works	Advantages	Disadvantages	Are there any countries considering this when allocating their vaccines?
Reducing wasted vaccines				
Protecting the healthcare system				
Preservation of cultures which are at risk of dying out (eg Cherokee)				



# Vaccines

Ranking

	How it works	Advantages	Disadvantages	Are there any countries considering this when allocating their vaccines?
Protecting the Economy				
Saving life-years				
Getting the population vaccinated as quickly as possible				

