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# Vaccination Inequalities

OMAB 7 April 2021

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# Overview of presentation

- Background
- Data
- Addressing inequalities
- Barriers to access

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# COVID-19 Vaccines

## Pfizer BioNTech

- Store at -80 to -60 C
- Shelf life – 6 Months
- Store at 2-8 C for 5 days only.
- Cannot be re-frozen
- 2 doses min. 21 days apart

## Astra Zenica

- Store at 2 to 8 C
- Shelf live – 6 months
- To be used within 6 hours of opening, after this must be discarded.
- 2 doses min. 28 days apart

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# Recommendations for both Vaccines

- Second vaccines should take place 4-12 weeks apart
- To reduce confusion all second dose scheduled for 12 weeks after first dose.
- This allows more people to benefit from first dose.
- If longer than 12 weeks, second dose given asap – the course does not need to restart.

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# COVID-19 Immunisation programme

- To protect those at highest risk from serious illness or death.
  - JCVI ranked cohorts dependent on risk
  - Clinically Extremely Vulnerable (CEV)

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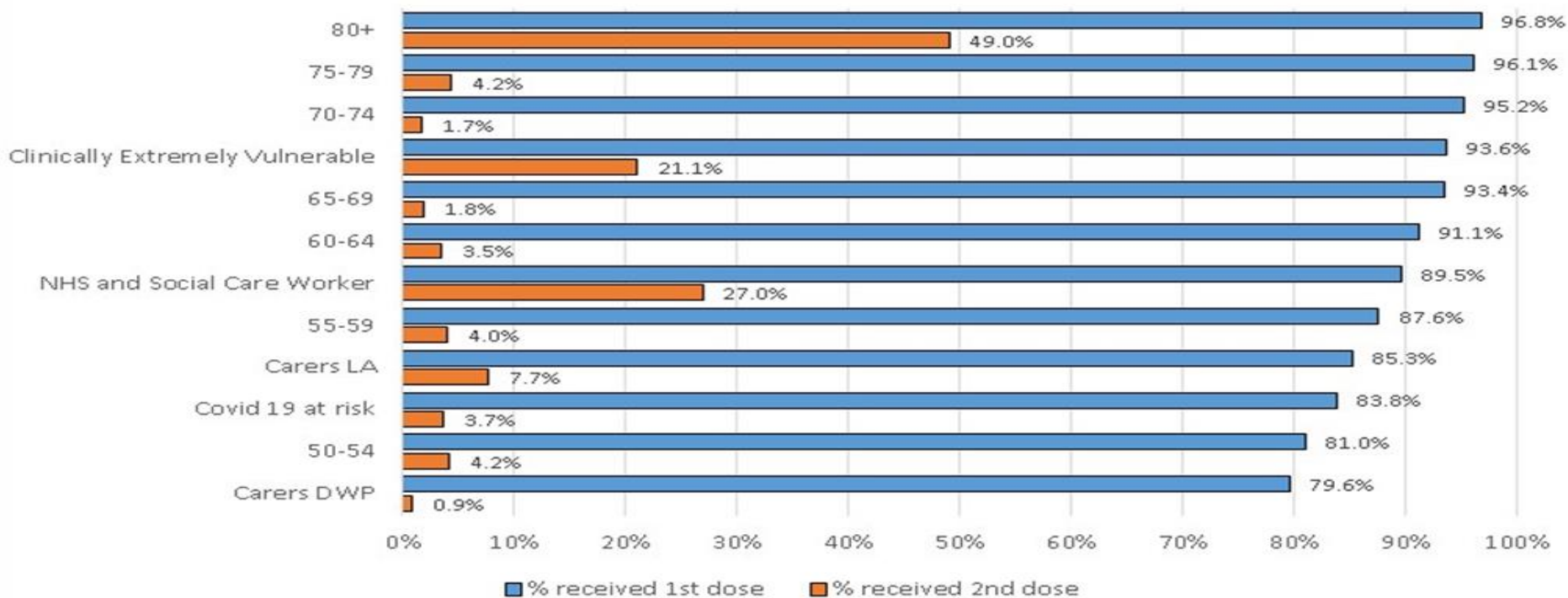
# Less well known/Myth busting?

- No evidence on interchangeability of vaccines. But if first dose manufacturer is not known or unavailable then 'reasonable' to offer any vaccine available.
- Insufficient evidence to recommend routine use of COVID-19 vaccine in pregnancy.
- Unknown risk to breast fed babies – absence of safety data
- Children under 16 even if CEV – not recommended
- Immunosuppressed and HIV+ - should be given the vaccine
- If COVID symptomatic – vaccine should be deferred.

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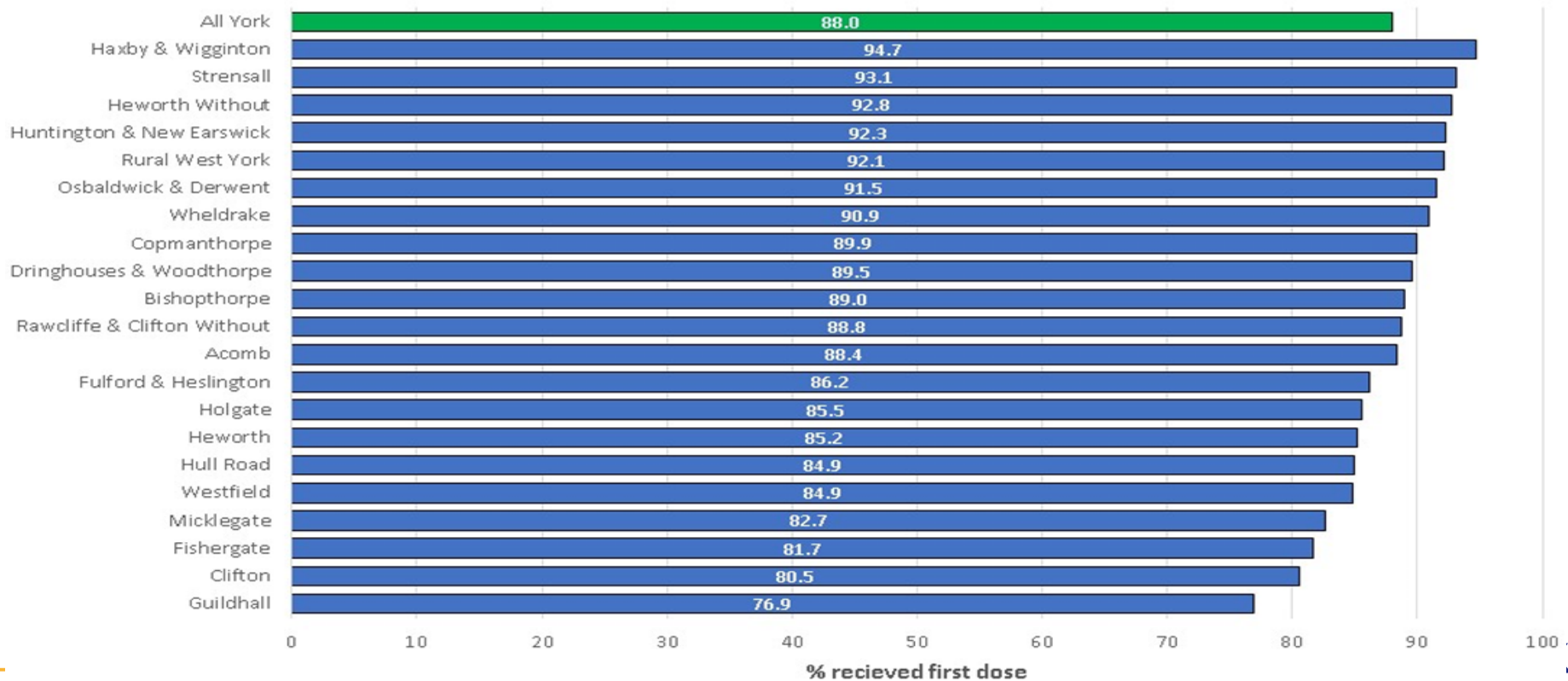
# Data

## % Receiving the Vaccine by Age / Category - CYC Residents



# Vaccine inequalities in York.

% 50+ ward population received 1st Dose v York Average





# Barriers to access.

- Practical needs:
  - Transport
  - Childcare
  - Vaccination site location
  - Home vaccination available
  - Vaccine hesitancy/shielding
  - Feeling ‘it’s too late – I’ve missed my chance.’

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# Addressing inequalities.

- Build on the successful Contract Tracing model:
  - Local contact tracing team to have training around vaccine hesitancy and mis-information
  - Flow of information from Primary Care to contact tracers – who didn't respond to invite.
  - Look back at the previous cohorts and contact them individually

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# Partnerships

- Working in partnership with CCG and Nimbus Care speaking to community leaders to understand peoples issues and anxieties so that common solutions can be put into place.

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# System Approach

- City of York Public Health inequalities group which links into North Yorkshire to look at shared learning and any shared delivery.
- HCV vaccination group

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