

# The Doncaster health bus model – reaching underserved groups

Katie Jenkins – TB Nurse



# TB Specialist Nursing Service

- We are a team of two specialist Nurses.
- We provide advice and support to clients undergoing treatment for active and latent TB.
- Community contact screening.
- We also provide screening for new entrants to the UK (registering with a GP in Doncaster) from high risk countries for TB.
- We work very closely with Doncaster Conversation Club (DCC) who are a voluntary service that support asylum seekers and refugees.

The Cagney and Lacey of TB screening.



# The Doncaster Health Bus

Rotherham Doncaster and  
South Humber  
NHS Foundation Trust



reaching underserved groups



# Recent Utilisation for TB Screening



- We have been using the health bus for a year.
- The Health Bus has been parked outside the Conversation Club to provide TB screening.
- We have used blood sampling for Quantiferon Gold test.

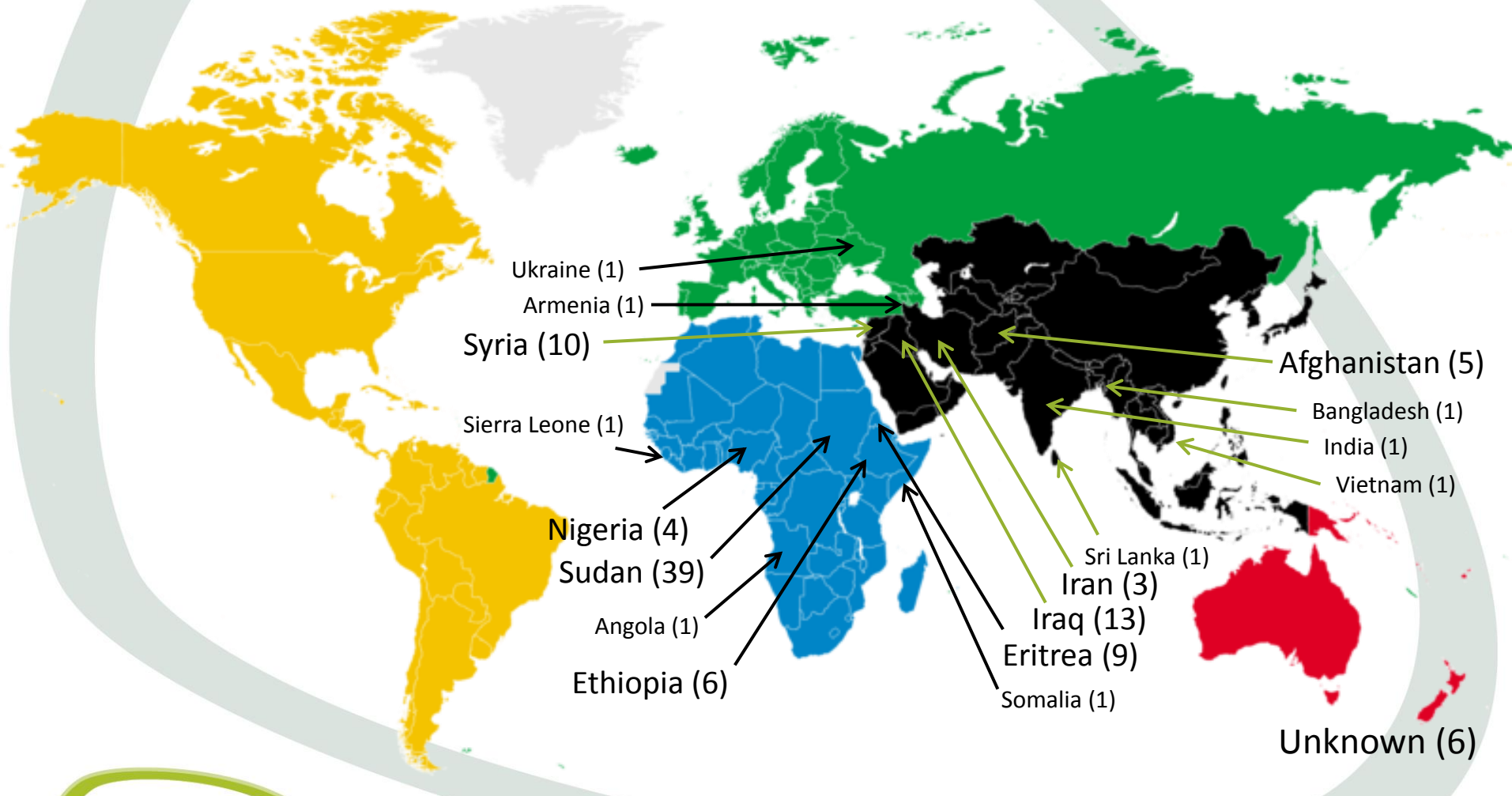


# Screening Key Facts

Session	Total Number Screened	Number of positive results	% Positive
Apr-15	21	5	24%
Jun-15	19	7	37%
Aug-15	14	2	14%
Oct-15	19	7	37%
Jan-16	17	4	24%
Mar-16	14	3	21%
<b>Total</b>	<b>104</b>	<b>28</b>	<b>27%</b>

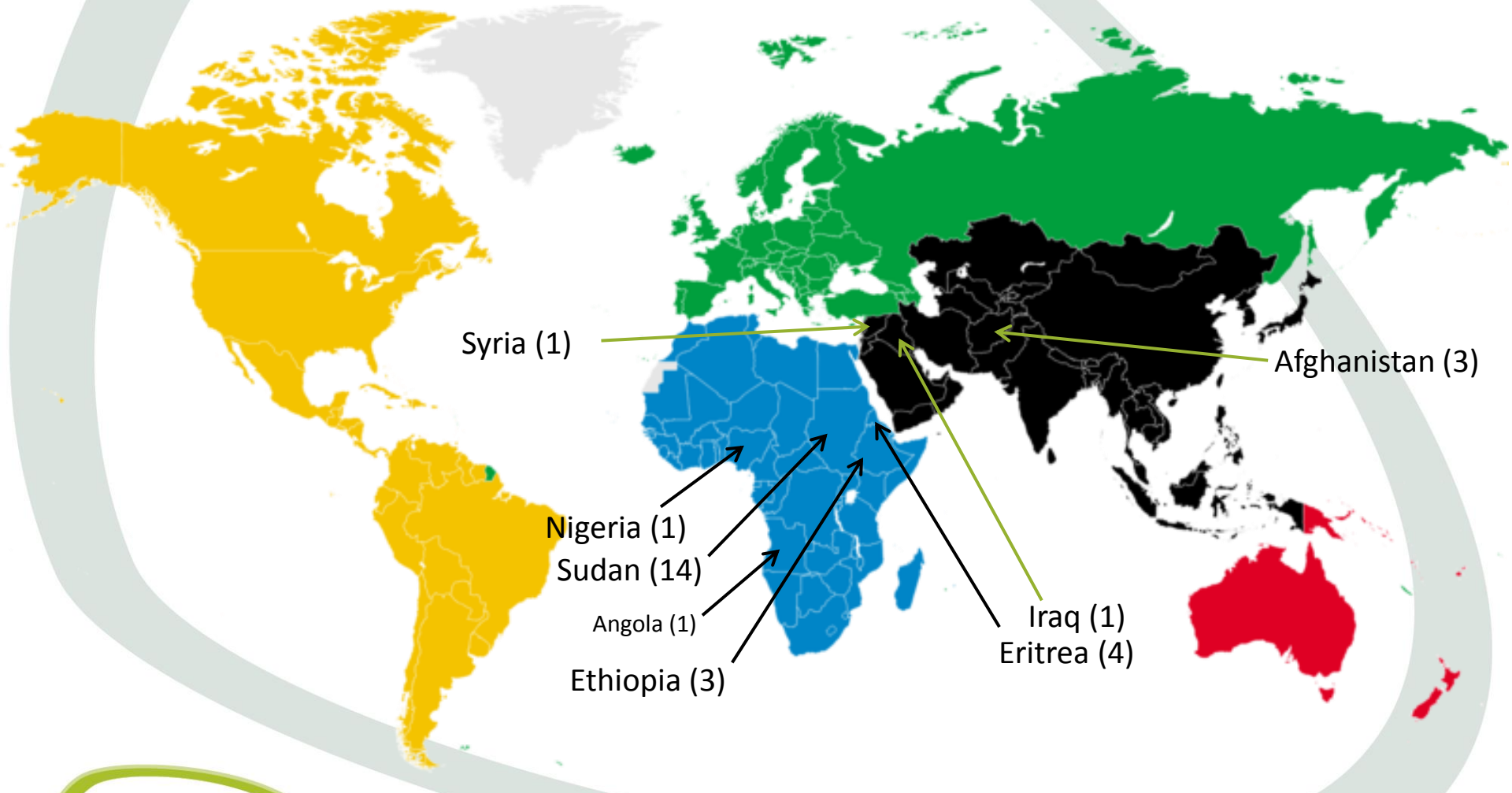
6 sessions with an overall 27% positive result

# Screening Demographics



104 people screened

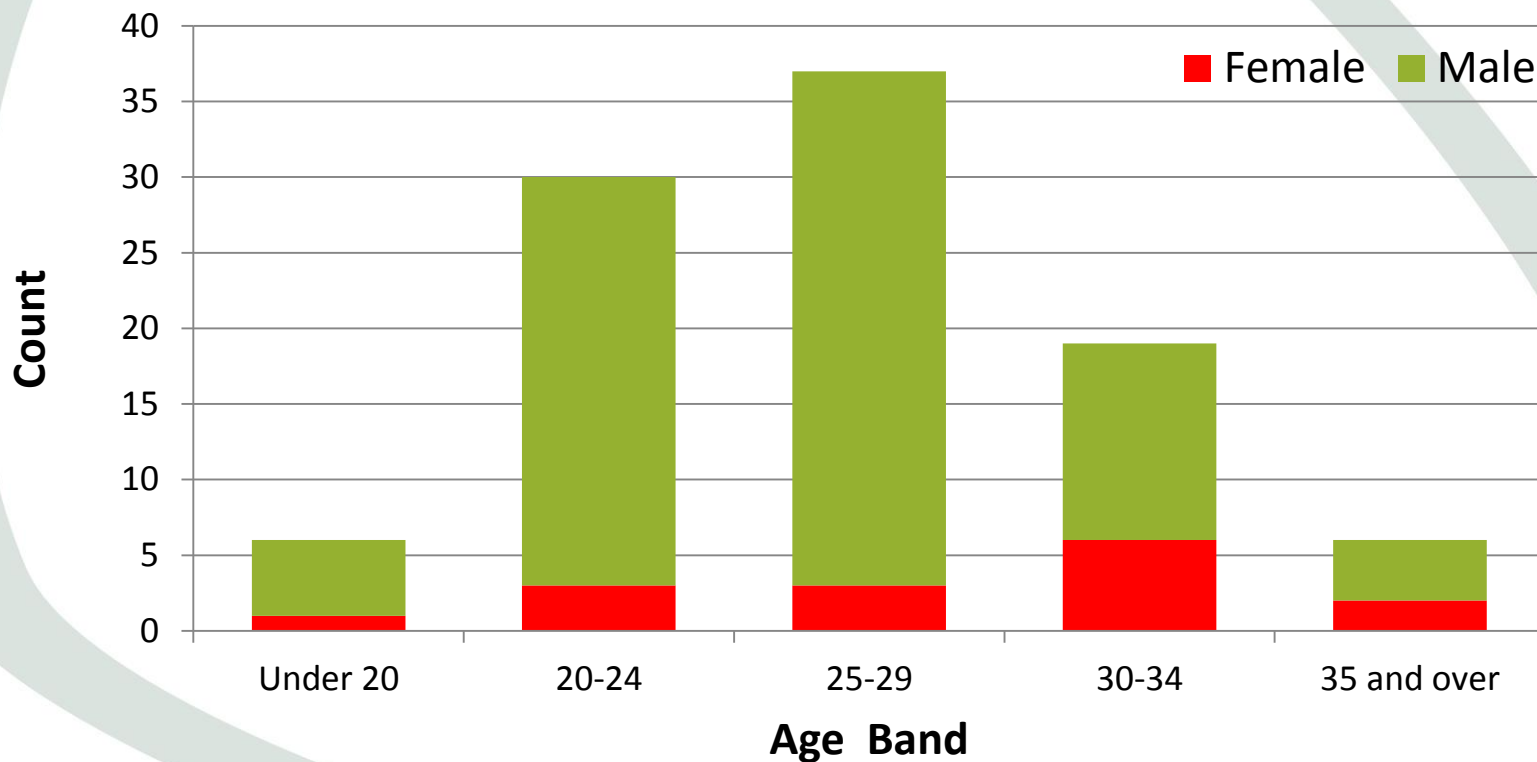
# Positive Test Demographics



28 positive tests (27%)

# Screening Age Profile

## Screening Age Profile

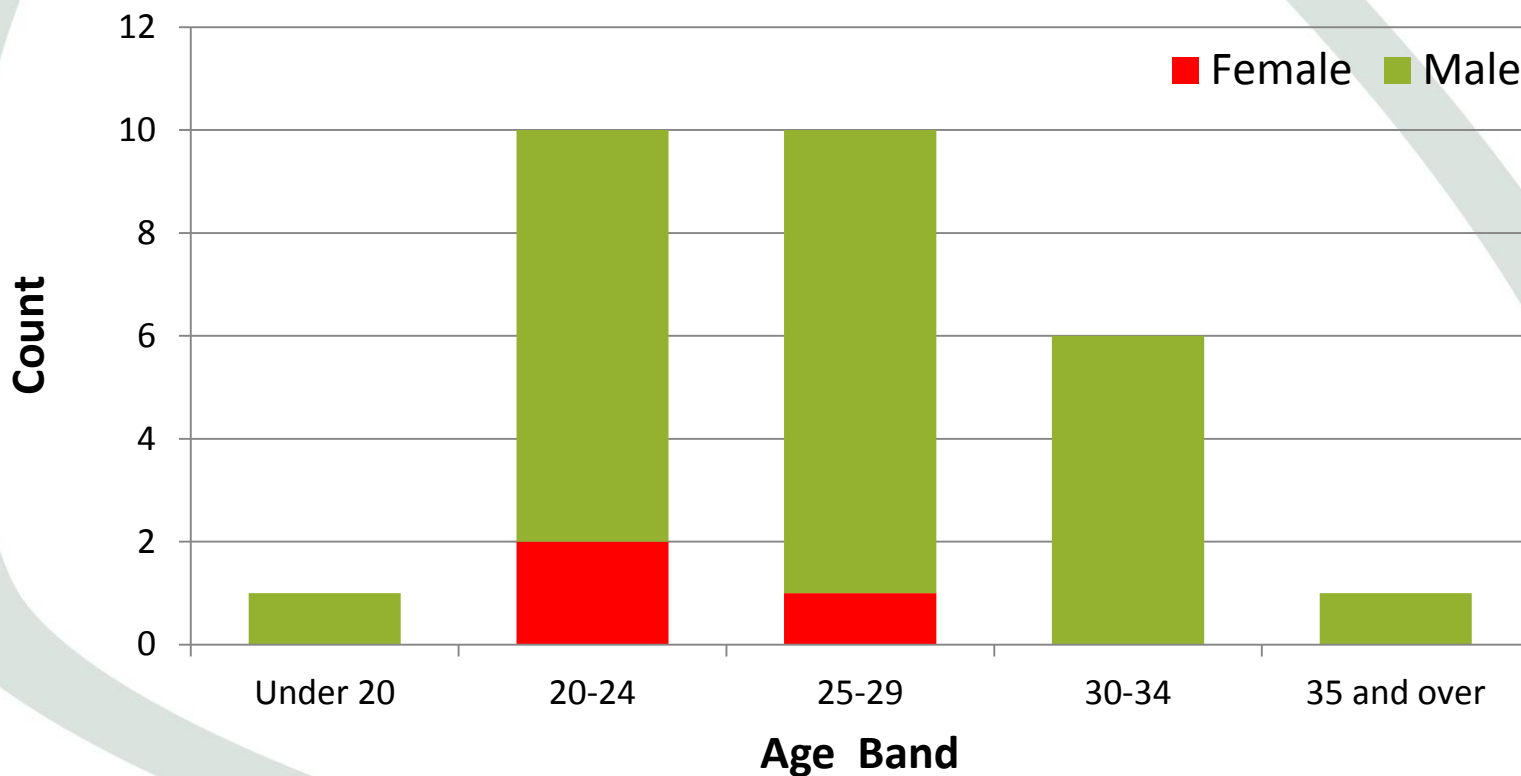


85% of people screened were males



# Positive Test Age Profile

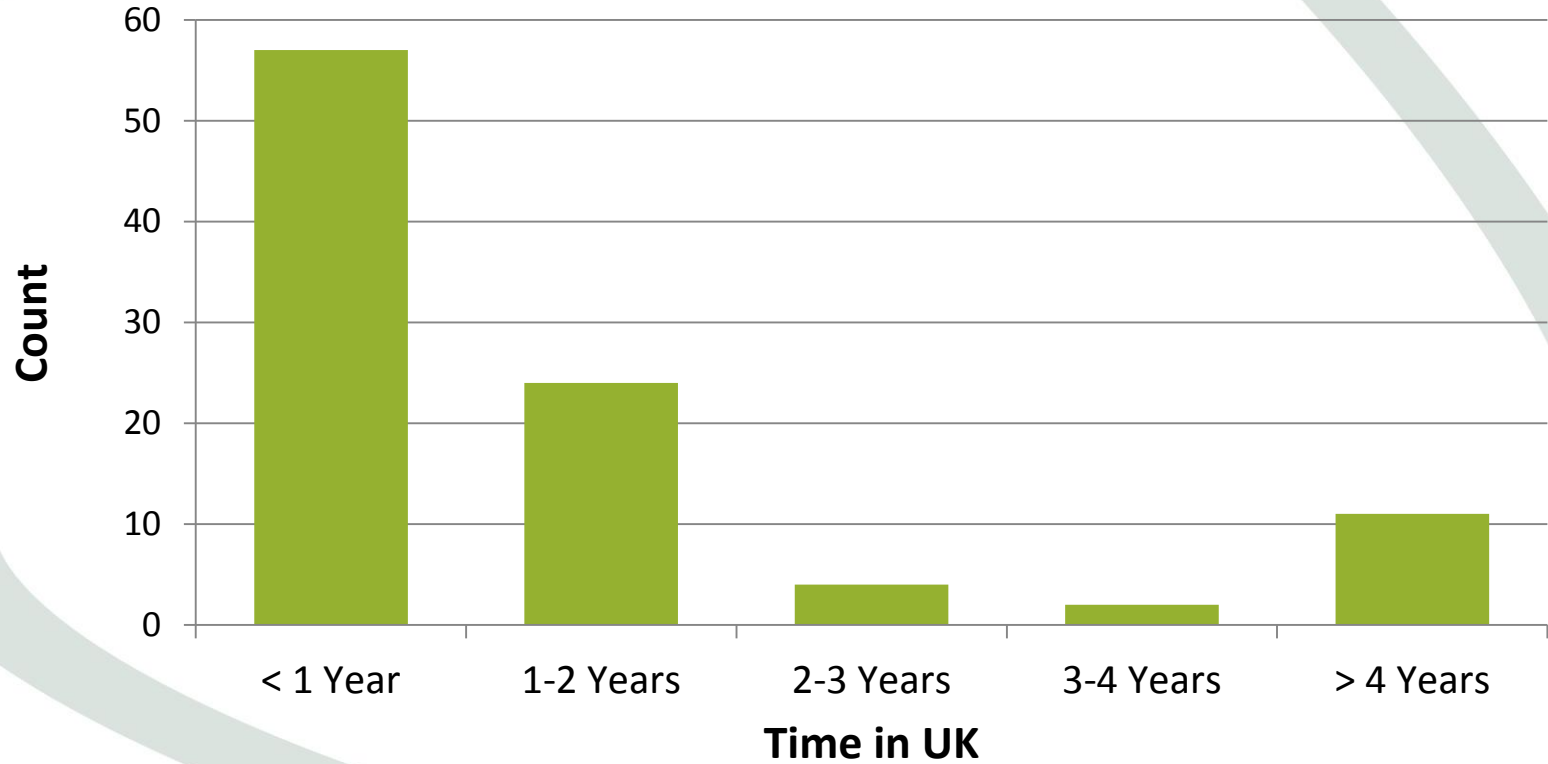
## Positive Test Age Profile



89% of positive results were males

# Screening Time Resident in UK

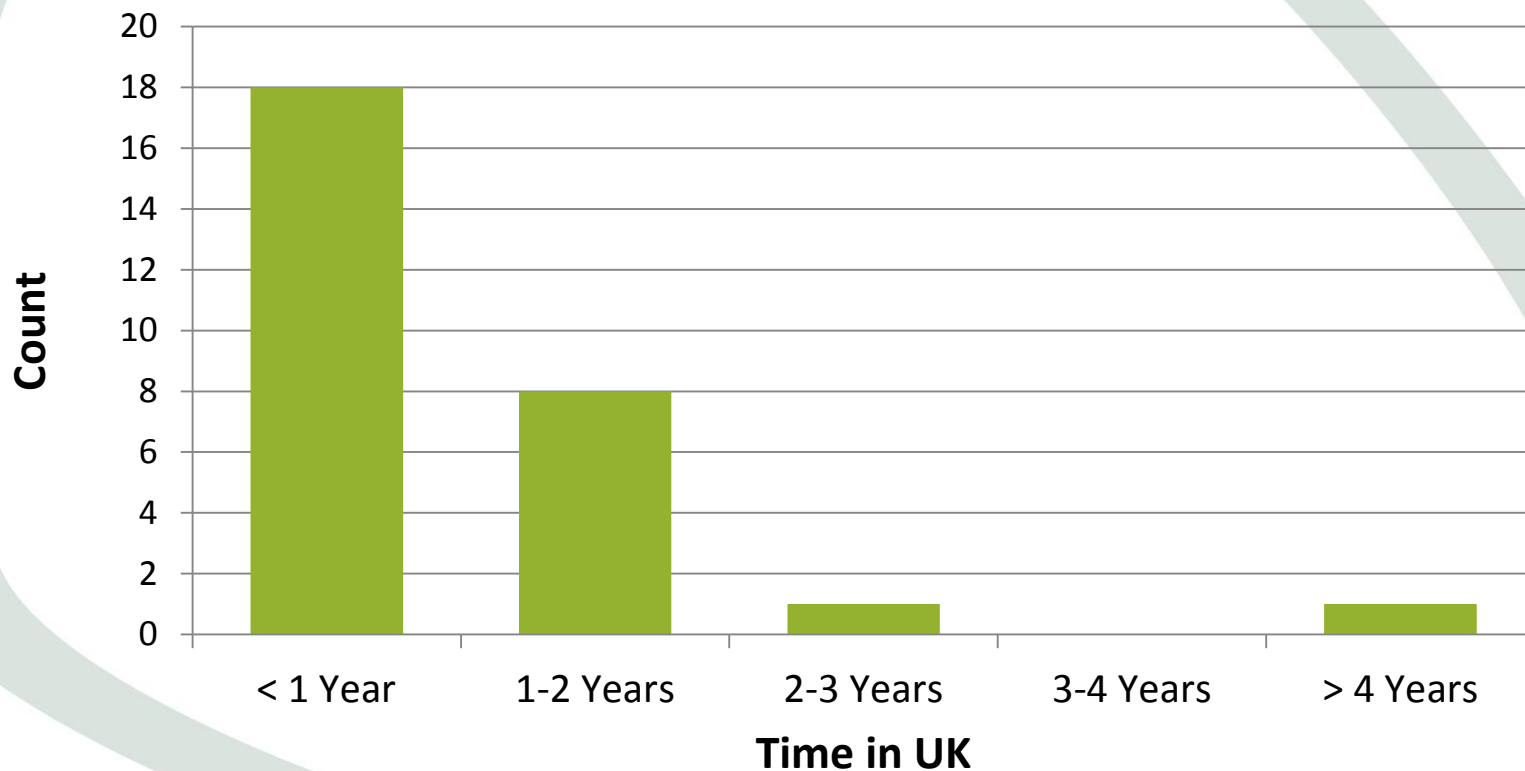
## Screening Time Resident in UK



58% of those screened have been in the UK for less than a year

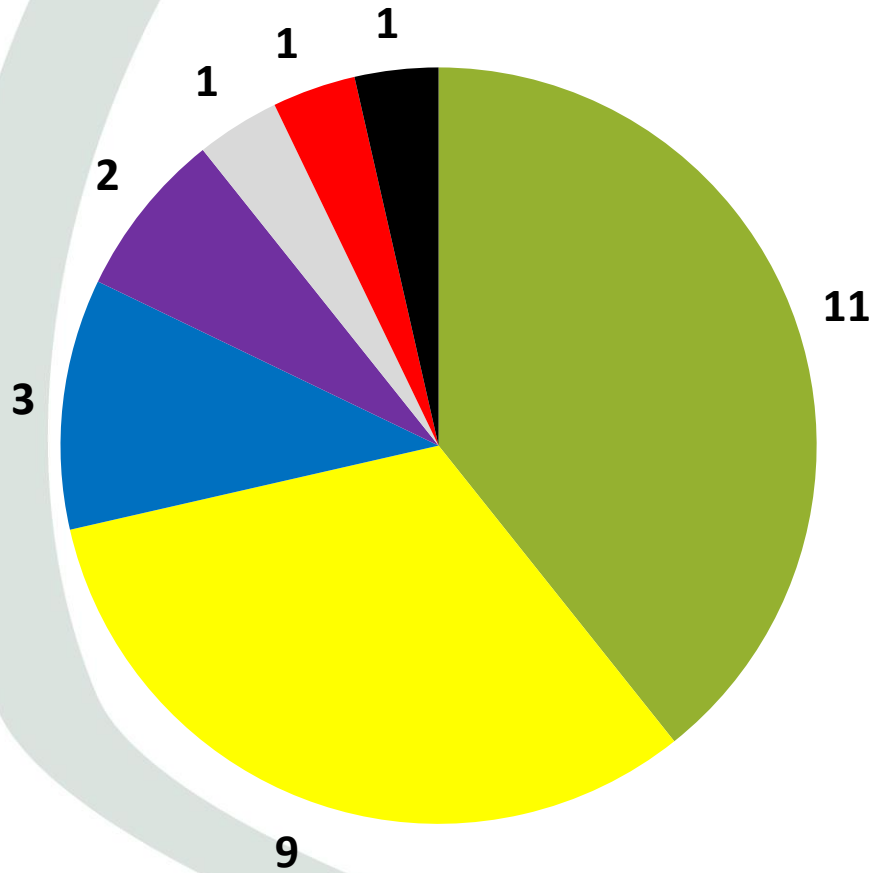
# Positive Test Time Resident in UK

## Positive Test Time Resident in UK



64% of those with a positive test have been in the UK for less than a year

# Positive Test Key Facts



- Successfully completed treatment
- Currently undergoing treatment
- Just entering the process
- Moved location
- Treatment delayed
- Active TB
- Under further investigations

28 positive tests with 82% completing or currently undergoing treatment

# Challenges Encountered

## Communication/Administration

- Language barriers and understanding.
- Don't answer phones and change numbers frequently.
- Not registered with a GP.
- Discrepancies in demographic data – names spelt wrong at GPs and DOB incorrect.
- Don't understand appointment letters.
- Don't know how to get the hospital.
- Don't stick to times for appointments.
- Worry after positive results – symptoms.

## Practical

- There is a finite budget.
- Children's service is screening adults.
- Space is limited on the bus.
- More staff required to see larger numbers.
- Language barrier and understanding.
- Demographic detail differences.
- Transient population.
- Patient pathway – difficulties.
- Fluctuating population.
- Religious beliefs.

# Positive Lessons Learnt

- Target group already gathering in one place.
- Face-to-face language help is available.
- Screening a large group in one session.
- People can drop in without an appointment.
- Word of mouth is a powerful tool.
- Building a culture.
- Building trust and relationships.
- Point of contact for follow-ups.

# What the Future Holds?



We are operating in a  
changing world...

- We are operating within a finite budget and facing financial constraints.
- We need to maximise available resources to provide the best possible service.
- We need to think outside the box and find smarter ways of working.
  - At the last screening event held early this month we invited sexual health onto the bus to assist with HIV screening?

