

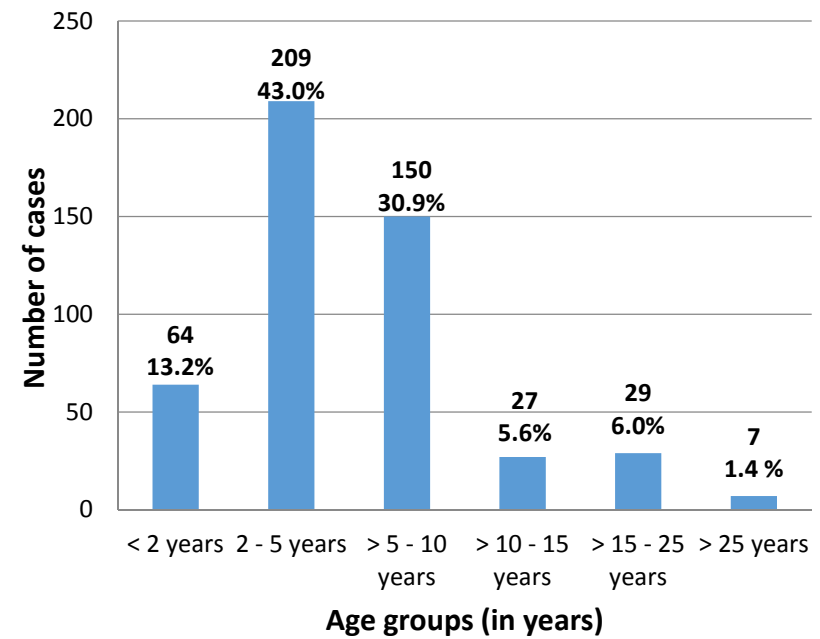
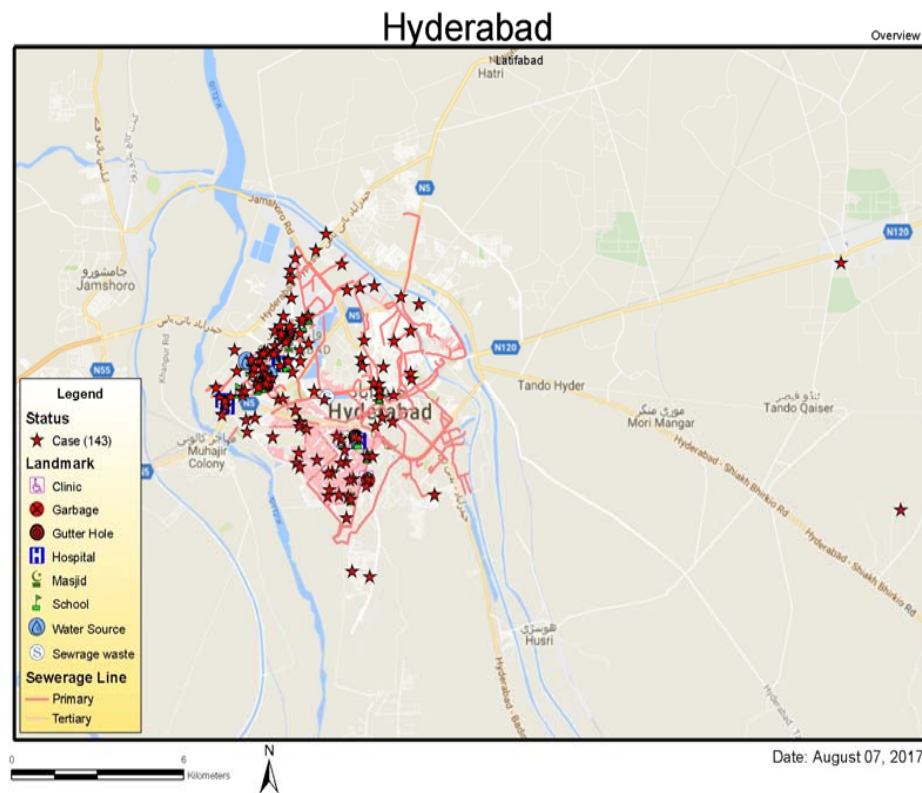
Mass immunization campaign using TCV in Pakistan: Refusals and Interventions

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Outline

- Background
- Mass Immunization campaign
- Methods to identify refusals
- Strategies to address refusals
- Results
- Microbe literacy to improve vaccination coverage
- Conclusion

Background



Immunization campaign

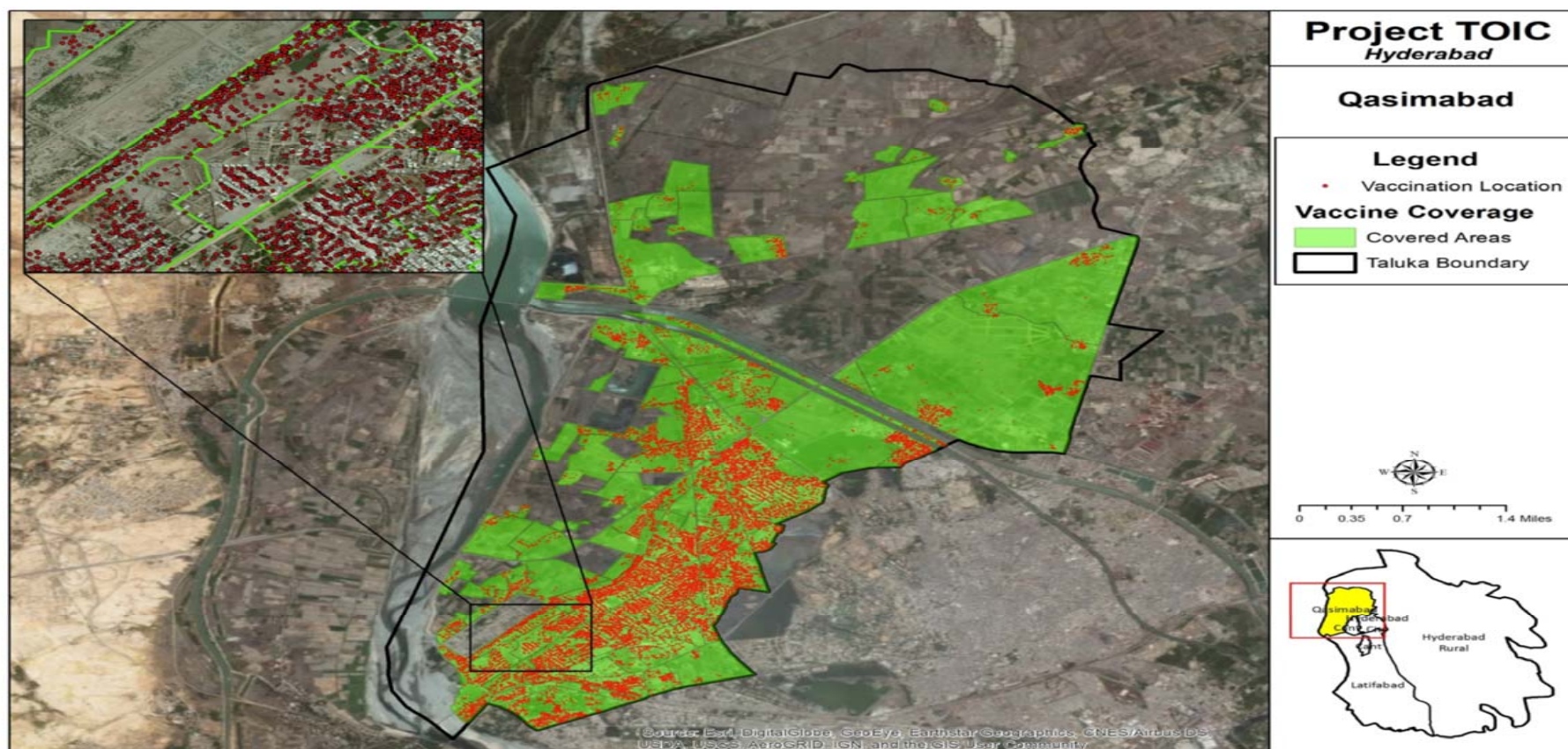


Objectives



- To find out the vaccine refusals in the community for mass immunization with Typhoid Conjugate vaccine TCV

Vaccination Coverage before Strategies



Methodology

- Daily log for vaccine refusals faced by the team
- FGDs
- In depth Interviews



Identified through daily log



- Non acceptability of Indian made vaccine
 - Doubts regarding the vaccine
- Lack of commitment government officials
- Refusals due to SAEs due to other vaccine
- Lack of knowledge of Extremely Drug Resistance XDR
- Lack of awareness regarding TCV and non availability in general market

Refusals Identified through FGD



- Lack of confidence and lack of trust on the vaccinators
- Lack of awareness regarding typhoid illness in community

Refusals Identified through in-depth interviews



- Death of child due to other vaccine of aged 6 months in their community
- They should be given prior education of the respective vaccine benefits.
- Awareness session prior to vaccination with the community stakeholders including religious institution leaders, political office bearers, LHWs

Strategies to address refusals



- Involvement of Government LHWs
 - Multiple training sessions with LHWs
- Permission letters from government Authorities



Strategies to address refusals

- Increase Visibility
 - Hand bills
 - Banners on vehicles
 - Display of ID cards of staff



Strategies to address refusals

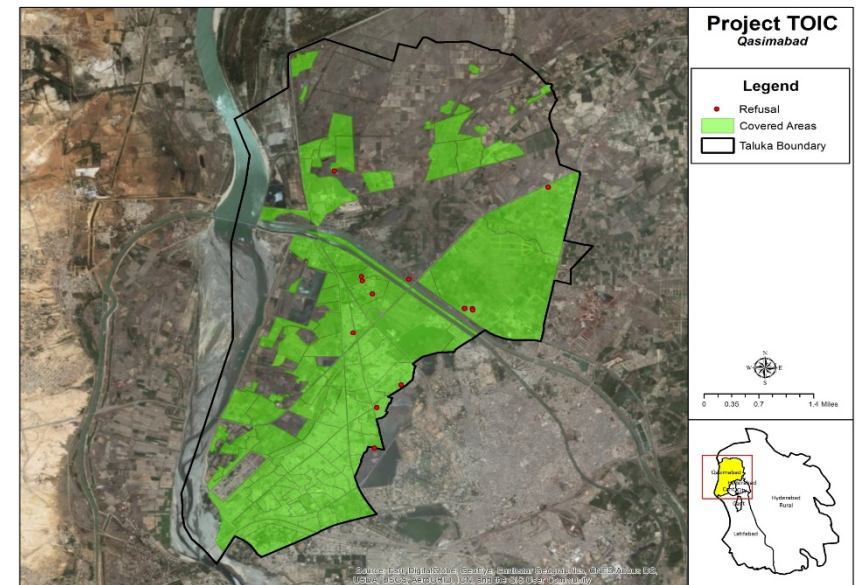
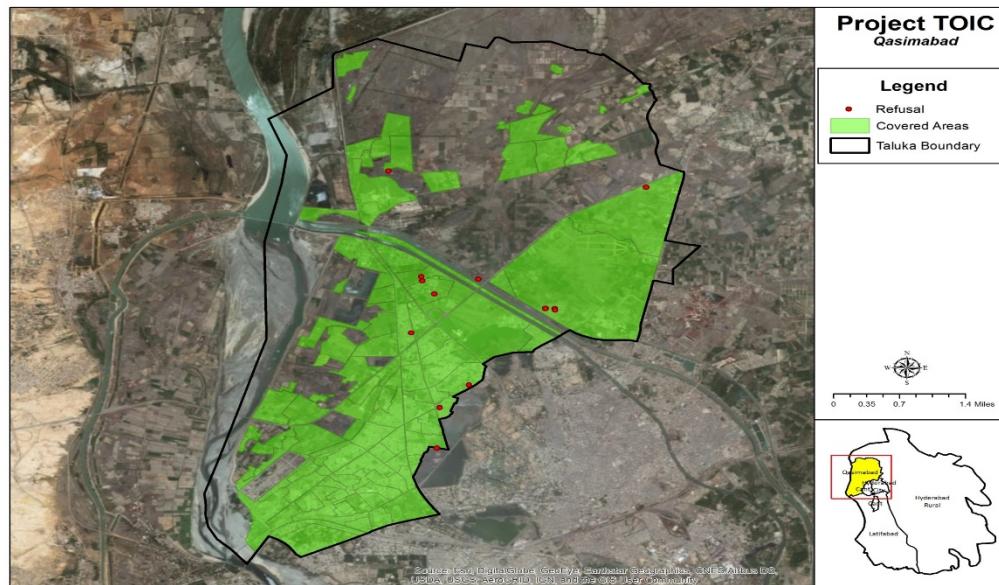
- Community stakeholder meetings by doctors
- Prior education and mobilization by team



Results

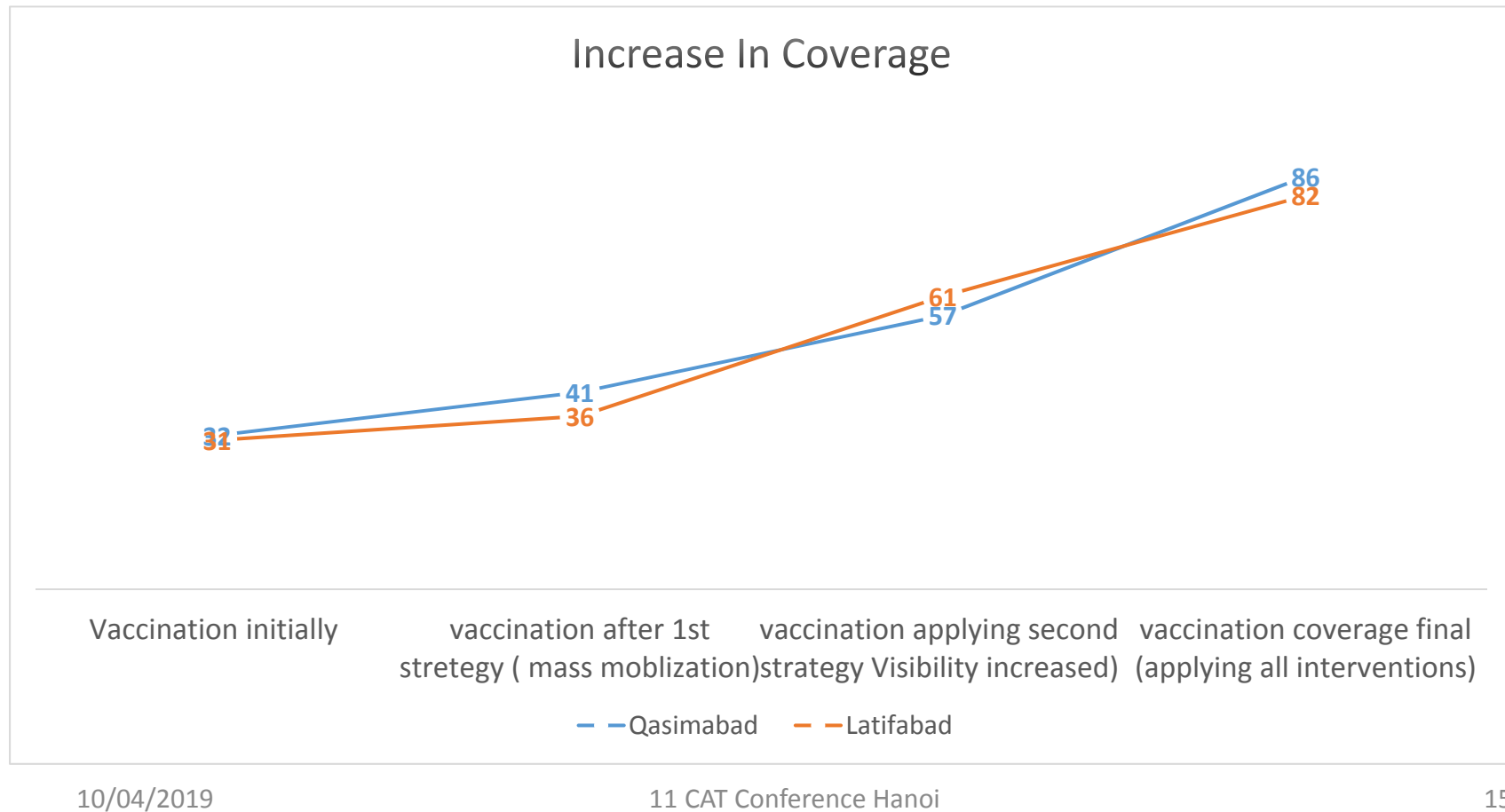


Vaccination coverage after Strategies



Results

Vaccination coverage after Strategies



Microbe Literacy



10/04/2019



11 CAT Conference Hanoi



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Conclusion



- Systematic identification of vaccine refusals during mass immunization campaigns is essential
- Customized strategies for vaccine refusals can be effective in improving vaccination coverage
- Novel approaches like ML should be further studied to evaluate their effectiveness in reducing vaccine refusals

Acknowledgements



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