

IGRA Testing for Latent TB in Commercial Sex Workers

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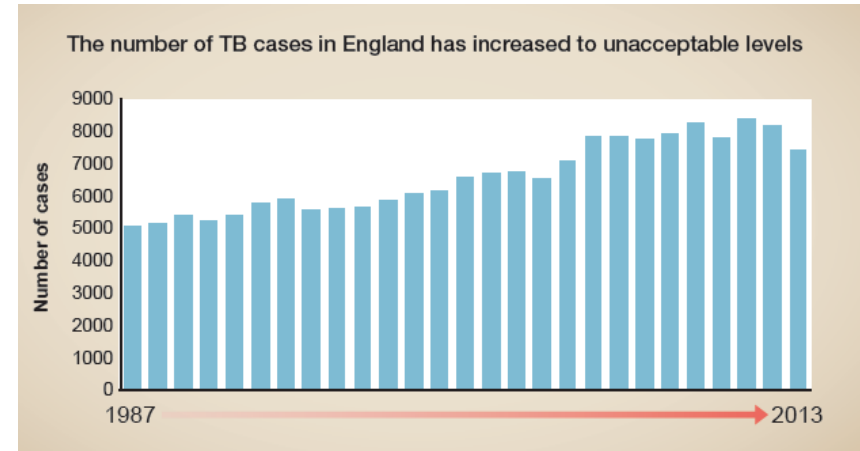
01.06.2015

Overview

- Background
- Methods
- Results

Background

- 7892 cases TB in UK 2013
- One of highest rates in Western Europe
- Public Health Outcomes Framework 2014



References

Public Health England. (2014) Tuberculosis in the UK: 2014 report. Public Health England: London

<https://www.gov.uk/government/publications/healthy-lives-healthy-people-improving-outcomes-and-supporting-transparency>

Background



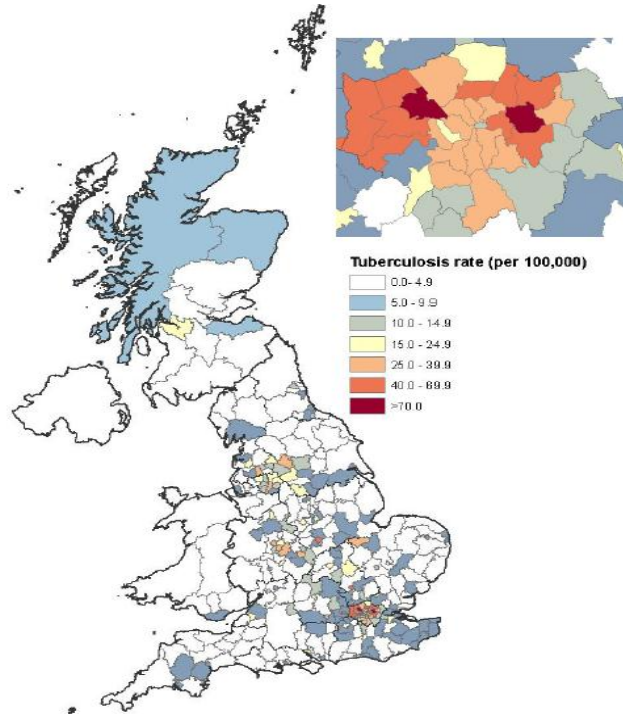
- Strategies to target underserved populations

Reference

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/40323/Collaborative_TB_Strategy_for_England_2015_2020_.pdf



CSW in Birmingham – An under-served population?



Reference

<http://data.worldbank.org/indicator/SH.TBS.INCD/countries?display=map>

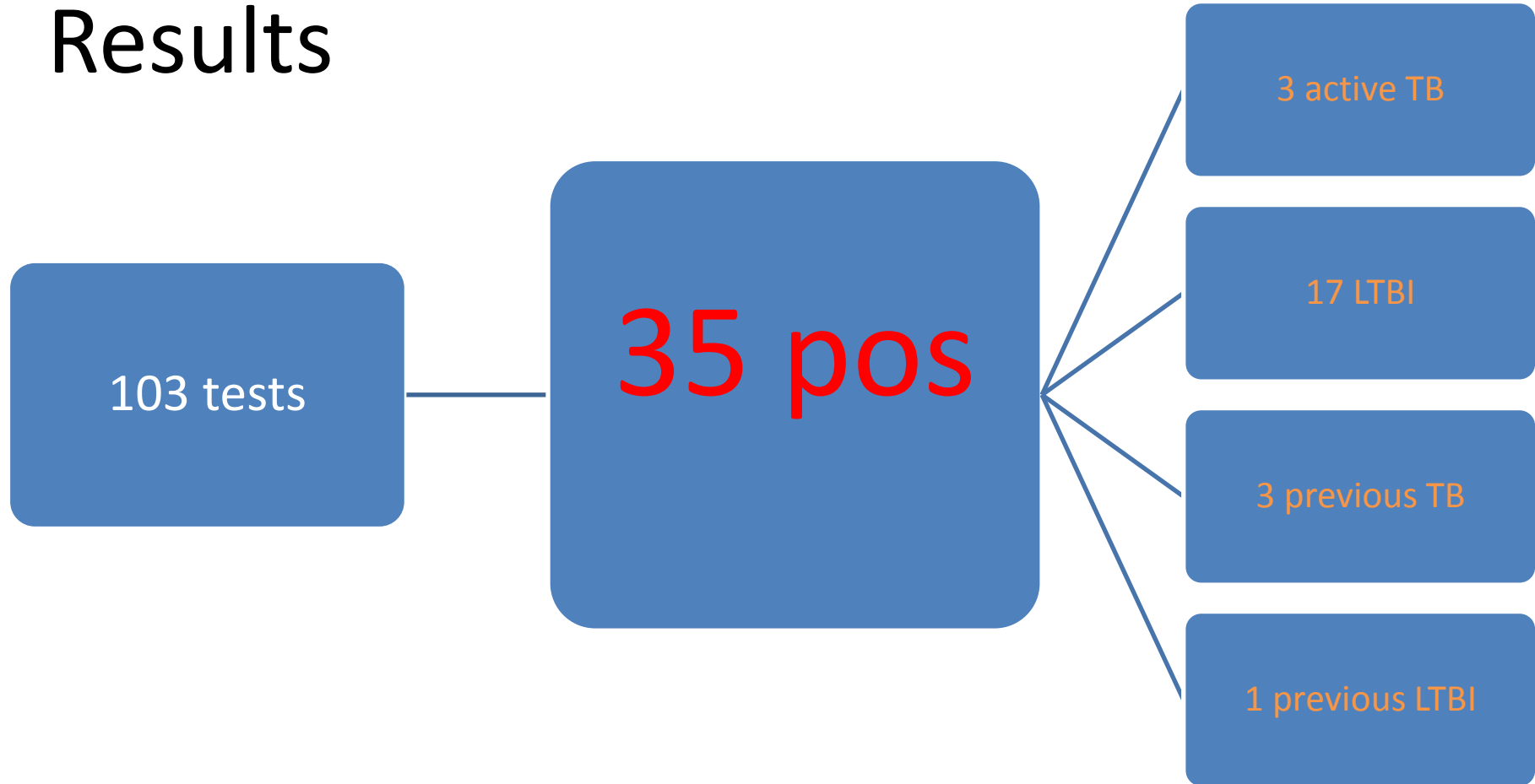
Sexual Health at SAFE Project

- Weekly ISHC Clinic
 - STI screening and treatment
 - Smear Testing
 - All forms of contraception including LARC
 - Hepatitis B vaccination
 - Pregnancy Testing
 - Advice

Methods

- Offered IGRA testing to all patients 29.04.14 and 30.03.15
- Informed consent using interpreters
- Collected demographic and TB risk factor data
- Referred all IGRA-positive patients to TB clinic
- CXR
- Treatment as appropriate

Results



Results – 3 patients with active TB

- 18 yo
- Romanian
- Smoker
- Initial investigations Romania
- Completed 6/12 ATT
- 2 DNA



Results – 17 patients with LTBI

- 15 normal CXR
- 2 abnormal CXR –previous TB but retreated

LTBI Regimens

- 6 - Daily Rifampicin & Isoniazid 3/12
 - 3 completed
 - 3 DNA F/U
- 1 - Daily Isoniazid 6/12
 - ongoing
- 10 - Weekly Rifapentine & Isoniazid 3/12 DOT
 - 1 DNA
 - 8 ongoing
 - 1 completed

Results - Not seen

- 6 DNA
- 5 awaiting appointment

Discussion

- Testing acceptable to patients and staff
- Results suggest unmet need
- DNA rates high

Acknowledgments

- Martin Dediccoat
- Ria Daly
- Alison Larkins

Thank You

Questions