



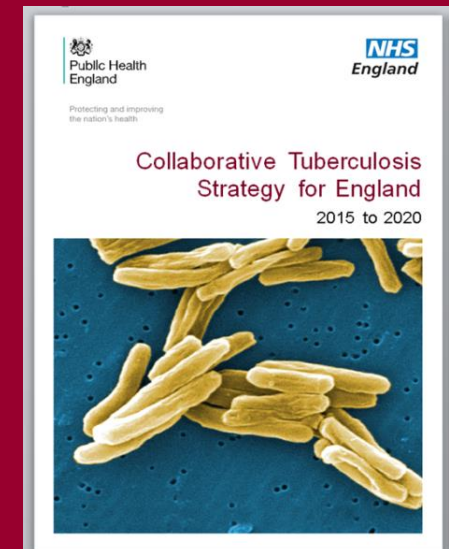
Public Health  
England



# Is the National TB Strategy delivering?

**North West TB Symposium**  
12<sup>th</sup> November 2018

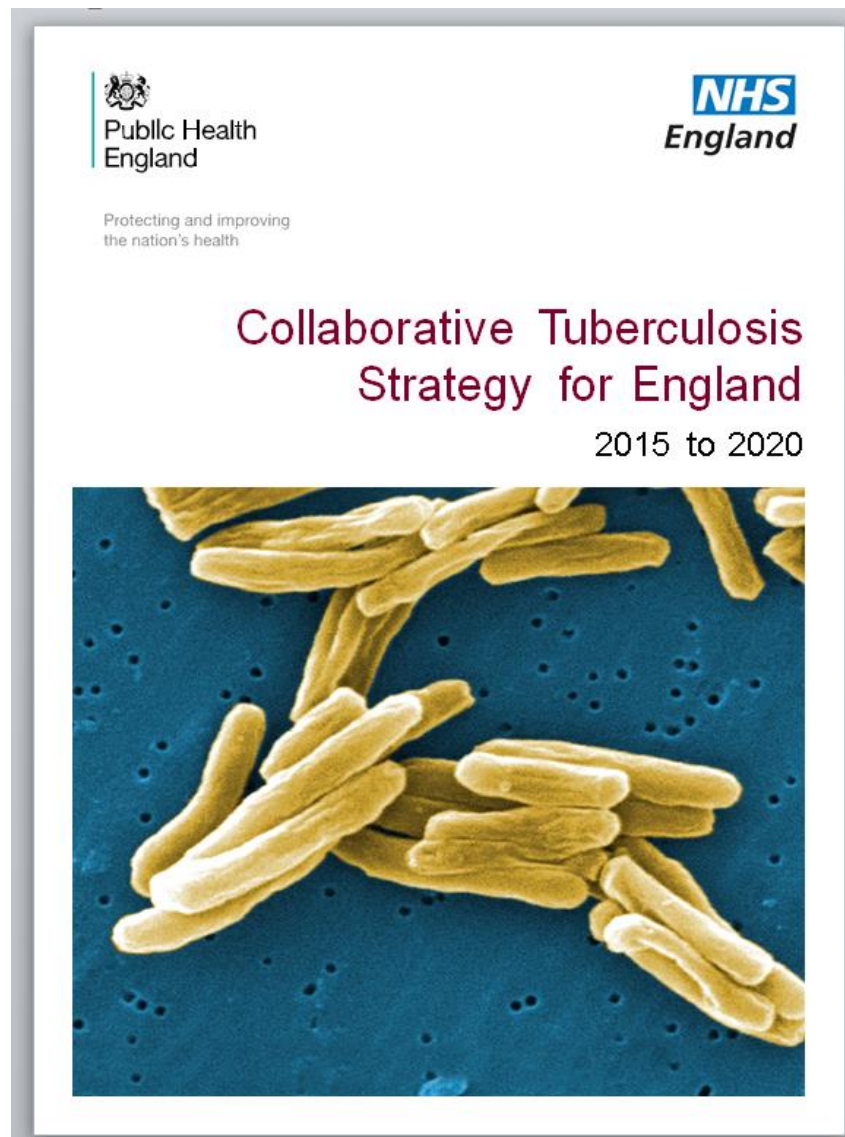
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England

- Joint PHE / NHSE doc
- launched 3+yrs ago
- 5 year plan
- **AIMS**
  - A year on year reduction in TB incidence in England
  - A reduction in health inequalities
  - Contribute to eventual elimination of TB as a public health problem in England





Improve access  
and diagnosis



Quality diagnostics



Quality treatment  
and care



Contact tracing



Workforce strategy

# Key actions to eliminate TB

Collaborative TB Strategy for England, 2015-2020



Vaccination



Surveillance and  
monitoring



Latent TB screening



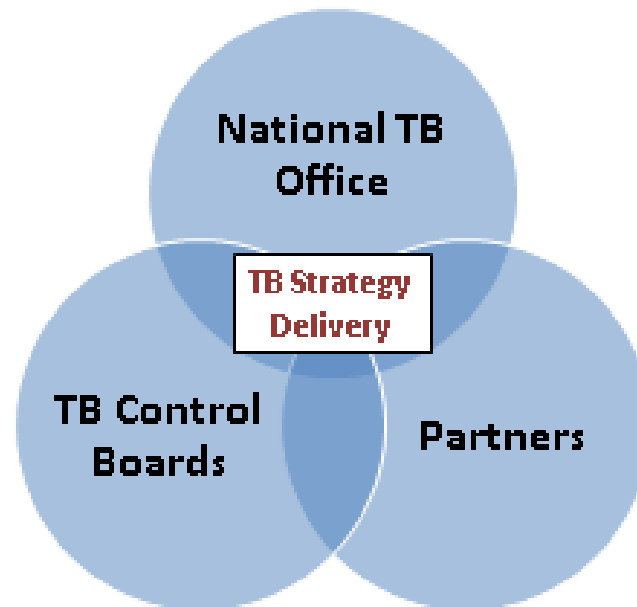
Tackle TB in under-  
served populations



Reduce drug  
resistance



# Is the National TB Strategy delivering?



# Number of TB notifications and rates, England, 2000-2017

5,102 people

9.2 people per 100,000 population





## Area 1 - Improve access to services and early diagnosis

### 1. National TB Comms Plan in preparation

- Planning targeted awareness raising to: ‘at-risk’ groups and healthcare workers
- Will use social and digital media and social marketing
- Updated literature and resources expected

### 2. Working to improve communications to communities & people at risk

- TB Alert (funded by NHSE) developing innovative communication approaches that include social media, social marketing, radio, local libraries and other community access points
- animation video (launched March 2018) for communities eligible for LTBI testing and treatment to raise TB awareness and encourage uptake of the LTBI test



### 3. TB awareness raising

- Support to World TB Day 2018 and WHO's ‘light up the world for TB’ campaign



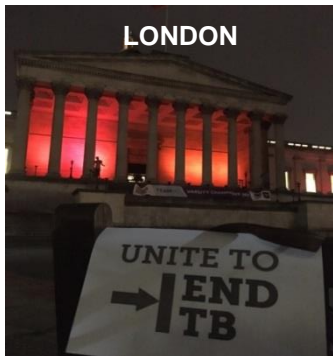


Public Health  
England

BRADFORD



LONDON



PORTSMOUTH



COVENTRY



LEEDS CIVIC  
HALL



LEEDS  
UNIVERSITY



HUDDERSFIELD



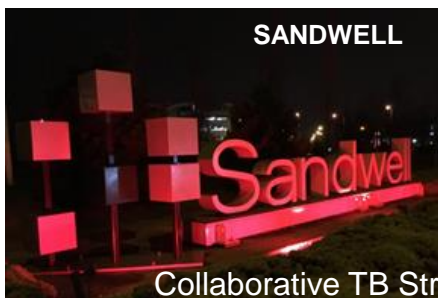
# WORLD TB DAY 2018

## 'Light up the World for TB'



LEEDS

SANDWELL



SLOUGH



READING




LEEDS TOWN  
HALL





## 4. Updated professional education resources for primary care

- **TB nurse slide set** and speaker notes updated
- **RCGP TB e-learning module** revised [www.elearning.rcgp.org.uk/tb](http://www.elearning.rcgp.org.uk/tb)
- 2 x 30 minute TB modules, open access



Essential CPD for primary care


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Home > Courses > Clinical Courses and Certifications > Tuberculosis in General Practice > Summary

### Tuberculosis in General Practice

Please be aware this course has recently been updated and you may need to clear your browser cache to view the updated version.





The number of tuberculosis cases in the UK began increasing in the mid 1980s, although there have been year on year declines since 2012. Early diagnosis is vital and GPs play a key role preventing, identifying and treating patients with TB.

Using case studies this course will increase your knowledge and skills in identifying patients with pulmonary and extrapulmonary symptoms. It also highlights risk factors, the importance of screening and contact tracing and the benefits and limitations of vaccination.

This course will enable you to develop strategies within your practice to improve the prevention, diagnosis and management of TB.

This course was developed in partnership with [TB Alert](#) and the [Public Health England](#), with partner funding provided by [NHS England](#).

This course is FREE to all healthcare professionals in the UK.



**Start [Tuberculosis in General Practice](#)**

Time to complete this course: 1 hour

Reviewed and updated: July 2016





## Area 2 - Provide universal access to high quality diagnostics

- **National lab audit** to assess TB diagnostic services capability completed and outputs being used locally to improve access to diagnostics
- **Whole Genome Sequencing for TB rolled out country wide 2017/18**
  - predicting drug sensitivities more rapidly for first line drugs
  - providing speciation more rapidly than traditional techniques
  - providing vital diagnostic and public health information to support cluster investigation by PHE and TB services

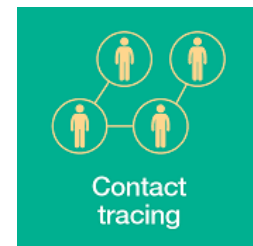




## Area 3 - Improve treatment and care services

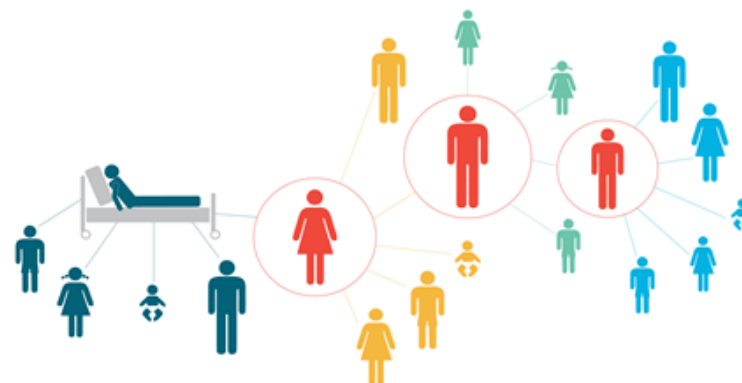
- TB control boards working to support and strengthen local TB networks and clinical services e.g. via expansion of TB networks, strengthening nurse networks, increasing uptake of cohort review and educational events
- **National TB clinical policy and service specification** updated 2017 being used by TBCBs to improve TB commissioning
- Supported creation of **British Association of Paediatric TB (BAPT)** inaugural meeting Jan 2018
- **NW paediatric care pathway** shared nationally with TB control boards = a weekly 'virtual' multi-disciplinary clinic that networks a specialist paediatric consultant to DGH consultants & teams
- **National review of ethambutol prescribing** undertaken and work underway to strengthen information for TB services and patients
- **National review of physician training and support planned**





## Area 4 - Improve contact tracing

- Greater clarity provided in national TB clinical policy and service specification and NICE TB Guidance
- Roll out of WGS technology will support more focused contact tracing
- Training session delivered to TB nurses at 2018 national TB nurse conference





## Area 5 – Improve BCG vaccination uptake

- **Priority work stream 2018**
- New UK-licensed BCG vaccine available from AJ Vaccines (formerly SSI)
- PHE developed info and a slide set to support use
- BCG uptake now reported in the official COVER statistics
- Actions still to be tackled
  - improve BCG uptake
  - strengthen pathways to deliver BCG vaccination
  - improve commissioning of BCG for 1-5 year olds
  - ensure low-incidence areas identify and offer BCG to appropriate children





## Area 6 - Reduce drug resistant TB

- **National 'MDR-TB needs assessment'**
  - undertaken by PHE and supplied to NHSE specialised commissioning Infectious Diseases specification review in 2017
  - work underway to deliver its recommendations
- PHE and NHSE supported British Thoracic Society (BTS) develop and enhance its **MDR-TB Clinical Advice Service** (launched in January 2018)



Drug Susceptibility Testing for Mtb

**MDR-TB Clinical Advice Service**

 British Thoracic Society

**BTS MDR-TB Clinical Advice Service**  
**Now Available**

Expert advice on treating MDR-TB patients  
<https://mdrtb.brit-thoracic.org.uk>  
Contact [mdrtb@brit-thoracic.org.uk](mailto:mdrtb@brit-thoracic.org.uk)

 RESPIRATORY  
QUALITY





## Area 7 - Tackling TB in under-served populations

- **Priority work stream in 2017 & 2018**
- Comprehensive **USP Resource** launched in Jan.2017 to support TBCBs and partners tackle the needs of USPs
  - TBCBs ran workshops with local stakeholders to share and implement best practice using USP Resource
  - Slide sets for each chapter made available for use at TB clinical and network meetings
- TBCBs developing **streamlined accommodation pathways** to house the homeless with TB
- TBCBs working with CCGs and local authorities agreed **funding mechanisms to accommodate the homeless with TB** e.g. London
- **VOT Service**, provided by Find and Treat, available nationally by tariff
- PHE / Local Government Association '**Tackling TB – local government's public health role**' updated 2018

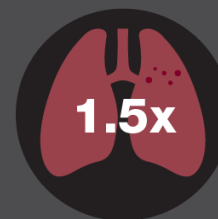


## Under-served groups are most at risk of TB

The proportion of people with TB who had a social risk factor has increased



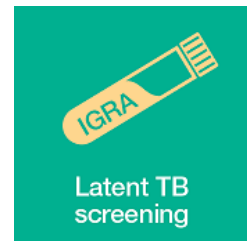
### People with social risk factors:



are more likely to have infectious TB

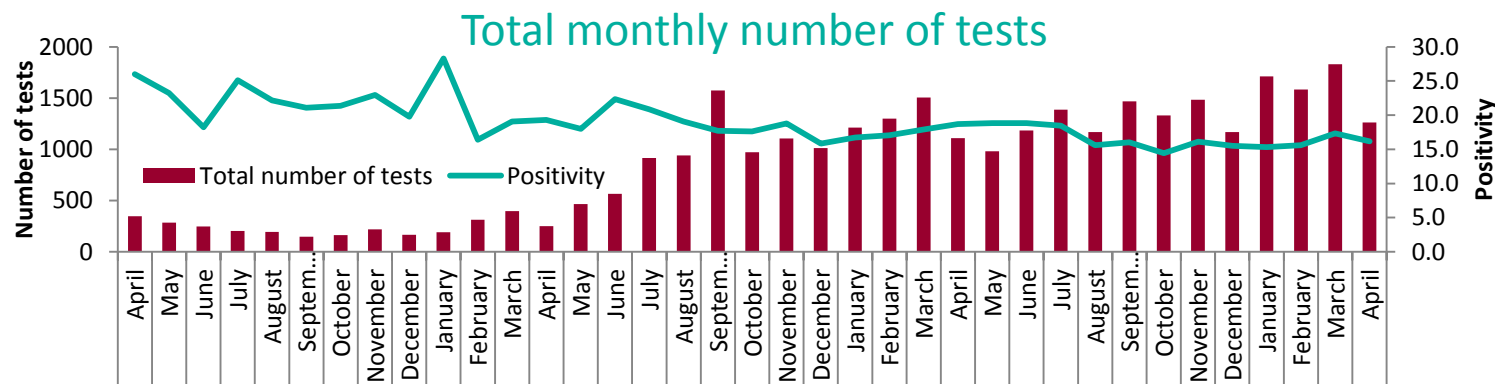


are more likely to die



## Area 8 - Implement new entrant latent TB testing and treatment

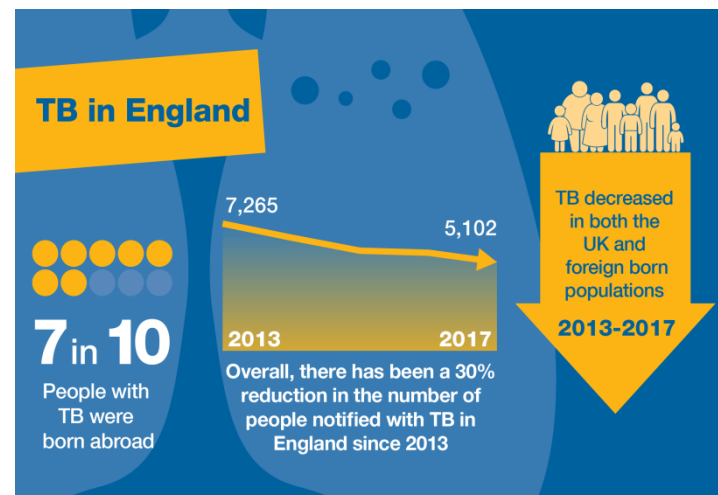
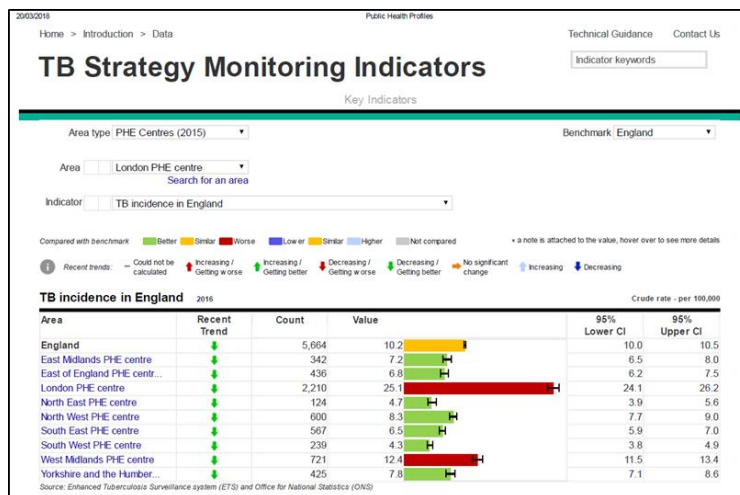
- funded by NHS England
- 59 high incident/priority CCGs
- 34,291+ tests by June 2018
- 17% positivity rate
- Treatment uptake 62%
- 81% treatment completion
- Lots of materials to support e.g. LTBI toolkit / multi-lingual leaflets / animation video





## Area 9 - Strengthen surveillance and monitoring

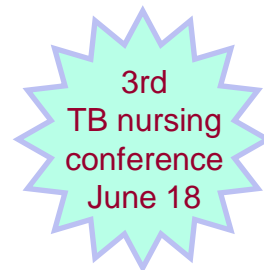
- **TB Strategy monitoring indicators** - updated yearly in annual report and available via PHE Fingertips tool to enable interactive interrogation at Local Authority and CCG level <http://fingertips.phe.org.uk/profile/tb-monitoring>
- **Strategy progress measures** developed to support monitoring of implementation of ten 'areas for action' at a national and TB control board level – **15 of 22 now met**
- **TB Infographics**, based on Annual TB report data, prepared and available at national and TBCB level





## **Area 10 - Ensure an appropriate workforce to deliver TB control**

- **TB Nurse competency framework developed by PHE & NHSE**
  - RCN endorsed in 2017 and placed on RCN website
  - Led to development of standard nurse job descriptions by PHE and NHSE
- **Annual National TB nurse conference**
  - organised by PHE & NHSE
  - Over 50% (200) of all TB nurses attend each year
- **Wider TB workforce**
  - Review of wider TB support staff (non-nurse / non-doctor) completed
  - Recommendations about to be used to build a multi-disciplinary approach to TB care
- **Bi-annual workforce audits supporting local workforce reviews**
- **Support to TB nurses** through strengthened local TB nurse networks





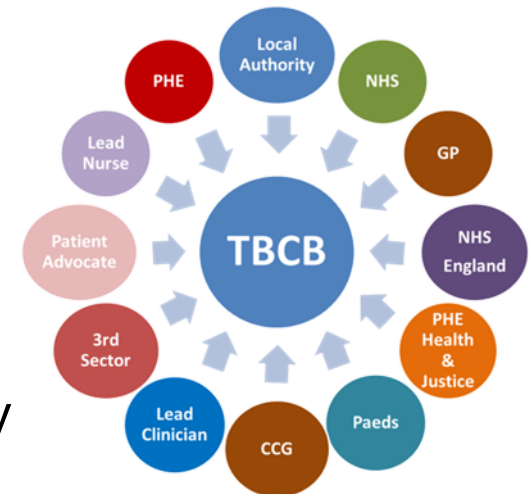


# Local implementation of TB Strategy

- achieved through the hard work of seven TBCBs and their partners

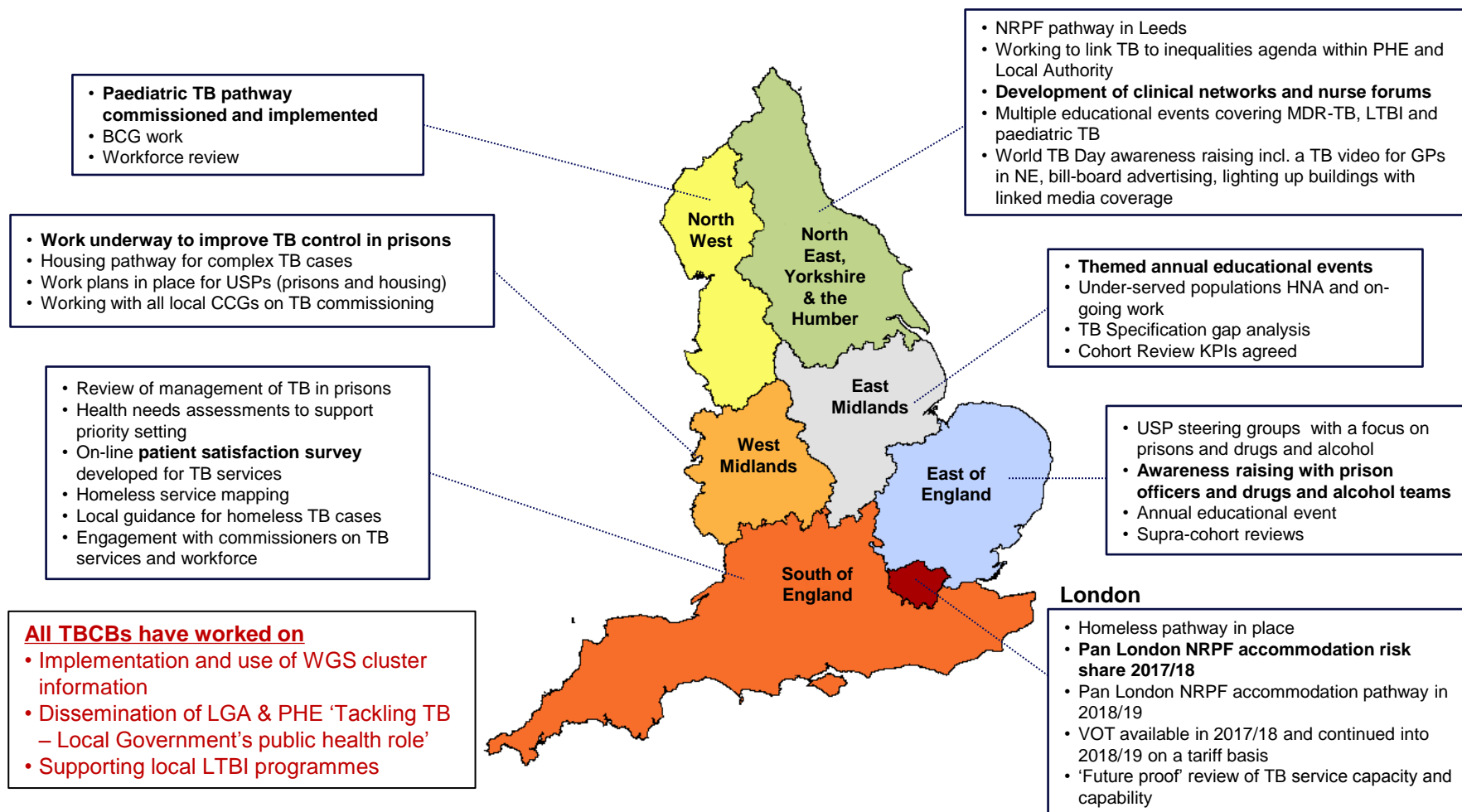
## TB Control Boards (TBCBs)

- meet at least 3 x per year
- utilise national TB Office support and nationally developed resources
- focus on 'areas for action' relevant to local epidemiology
- highly successful at creating a forum for local TB stakeholders to work collectively to deliver better local TB control





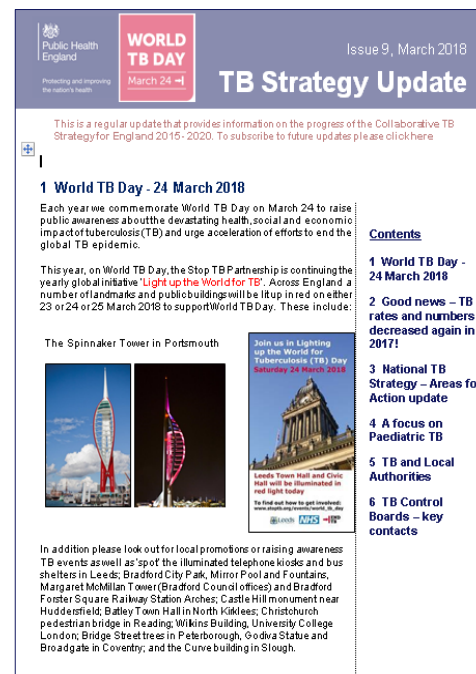
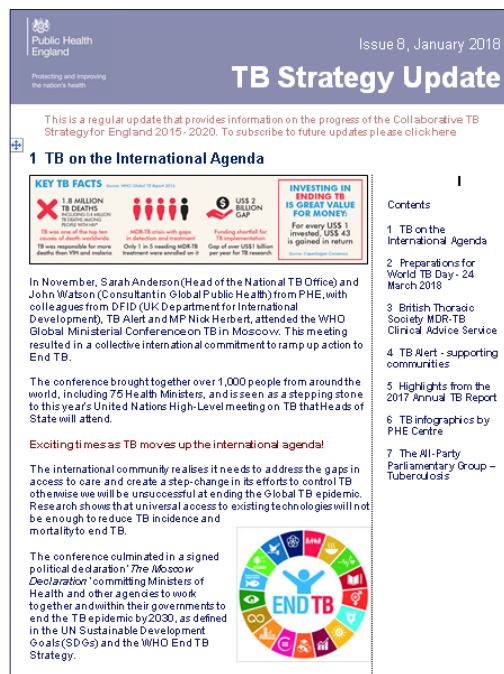
# Examples of TB Control Board work to implement the TB Strategy 2017-18





# Other areas of TB work

1. **Pre-entry TB Screening** – in >100 countries, having an impact on UK rates
2. **TB Strategy Update Newsletter** - published 3 times /yr to >5,200 subscribers





# What has the TB Strategy delivered for TB NURSES?

- A national network of TB nurse fora and a national workforce group
- A nursing voice on each regional TB Control Board and the national TB Delivery Board
- A TB nurse competency framework and standardised TB nurse JDs
- TB nurse teaching slide set and speaker notes
- Via TB Alert - updated TB patient and professional information
- Comprehensive Resources to support work with the under-served and an LTBI Toolkit
- Housing pathways to support homeless into accommodation
- Annual TB nurse conferences for 3 years running



# What has the Strategy delivered for DOCTORS?

- Enhancements to BTS MDR-TB Clinical Advice Service
- National TB clinical policy and service specification to support better commissioning of TB services
- Improved TB diagnostics including WGS
- Strengthened local TB networks
- Via national TB programme structure, TB control boards share innovative working to improve local efficiency e.g. NW Paed care pathway / on-line patient satisfaction survey ...
- Housing pathways to support homeless into accommodation
- TB e-learning modules via RCGP
- Process developed to disseminate information on national drug shortages to frontline staff





# Current Challenges

- **Improve and maintain TB control at local and national level, for the life of the Strategy and beyond**, to ensure sustained reduction in TB incidence
- **Closing the gap on health inequalities** - commissioning and funding arrangements for interventions / Strategy 'actions' (e.g. reducing TB in under-served populations) still to be secured but progressing
- **Specific challenges**
  - reduce diagnostic delay
  - maintain high level of treatment completion
  - address social risk factors associated with TB
  - reduce TB in migrants through the LTBI testing and treatment programme
  - translate new research / innovation into normal service delivery
  - raising awareness in HCWs and at risk groups as TB numbers decline
  - prepare a TB Plan for 2020-2025



# National Priorities for 2018

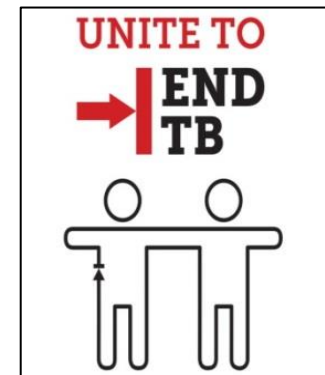
- **Increase awareness of TB in HCWs and at-risk populations**
- **Work to improve treatment and care services**
- **Improve BGC uptake**
- Sustain new entrant LTBI testing and treatment programs
- Improve TB diagnostics and increase use of WGS
- Continue to tackle TB in under-served populations
- Further develop the TB workforce
- Strengthen and support TBCBs





## In conclusion

- **Is the Strategy delivering?**
- It's a five year plan...
- Implementation is going well but there's still lots to do!
- Collaboration between many stakeholders has been key to the successful delivery of the TB Strategy's 'areas for actions'





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# UN High level meeting on TB



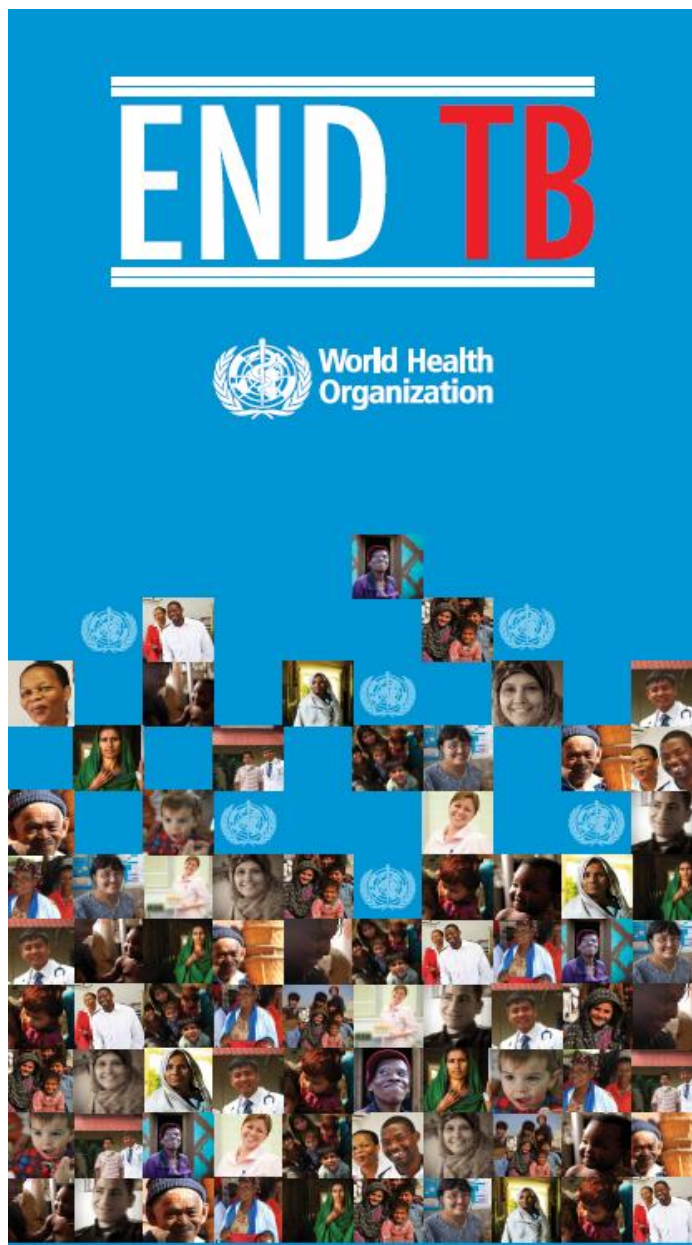
FIRST UN GENERAL ASSEMBLY  
HIGH-LEVEL MEETING ON TB IN 2018



UN HLM → END  
TB

26 September 2018

- First-ever UN General Assembly high-level meeting on TB took place 26<sup>th</sup> Sept in NY
- **Theme: “United to end TB: an urgent global response to a global epidemic**
- **Resulted in a Political Declaration on TB** endorsed by Heads of State that will accelerate and strengthen the efforts to end TB and increase investments saving millions of lives
- **Good UK political presence....**



Together  
we can  
**END TB**