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# Health Scrutiny Committee

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## March 2024

Simon Castle – Deputy Director, Cancer, Diagnostics & EOL

Katie Lee - TLHC Project Manager

Nottingham and Nottinghamshire Integrated Care Board

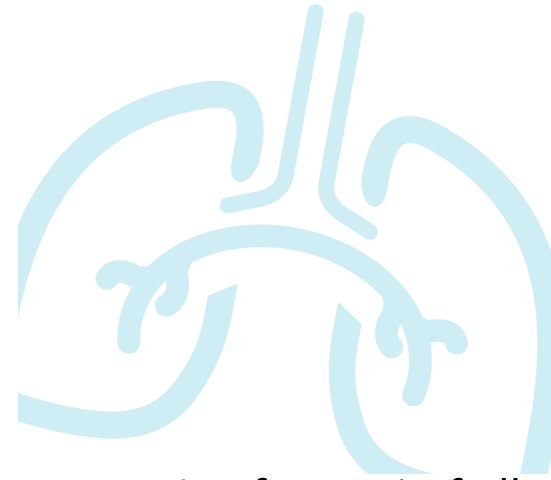


# Agenda

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- Why
- Model
- Results
- Next Steps





# Why

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- Lung cancer is the 3rd most common cancer in the UK, accounting for 13% of all new cancer cases
- However, Lung cancer is the most common cause of cancer death in the UK, accounting for 21% of all cancer deaths.
- Lung cancer survival has not shown much improvement in the last 50 years in the UK, and has fallen behind other cancers.
- Late presentation and diagnosis a key factor in poor survival rates.
- 72% of lung cancer cases in the UK are caused by smoking. Therefore, a clear correlation between incidence and deprivation. ICS has significantly higher incidence than national average
- Lung cancer incidence rates in females are 174% higher in the most deprived quintile compared with the least, and in males are 168% higher
- It is estimated that there are around 14,300 more cases of lung cancer each year in England than there would be if every deprivation quintile had the same age-specific crude incidence rates as the least deprived quintile.



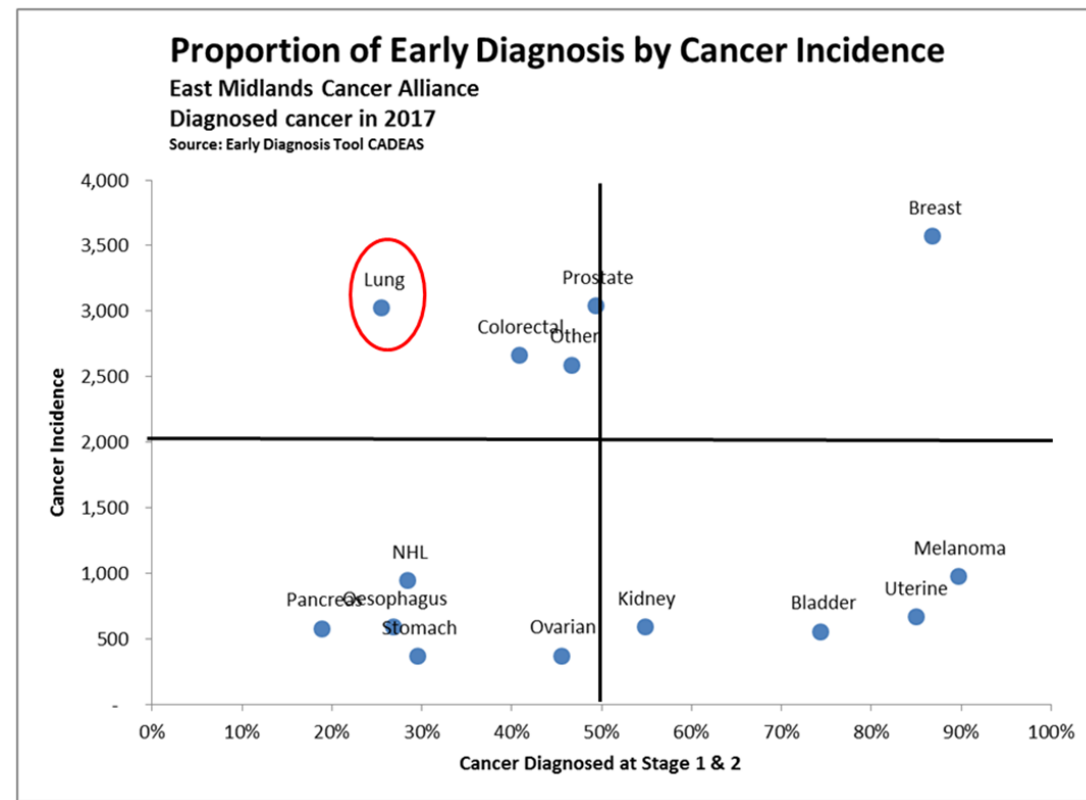
# Targeted Lung Health Check Programme

Lung Cancer (C33-C34), Estimated Average Number of Excess Cases per Year and European Age-Standardised Incidence Rates per 100,000 Population, by Deprivation Quintile, England, 2013-2017





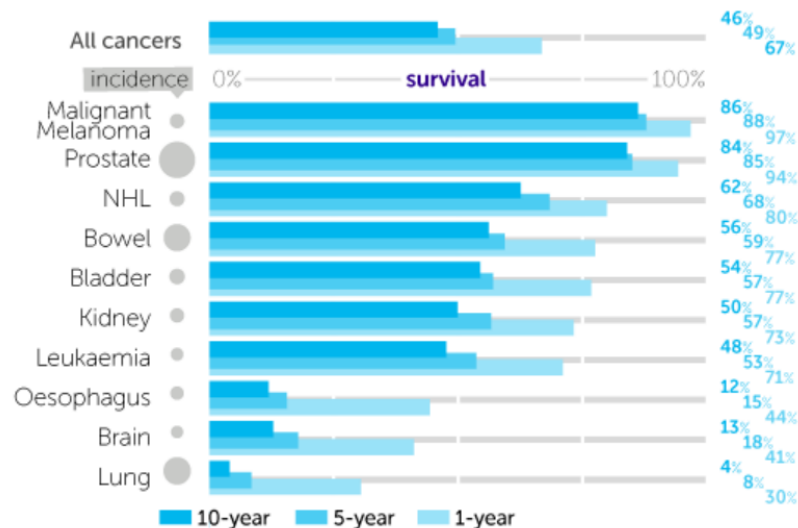
# Targeted Lung Health Check Programme



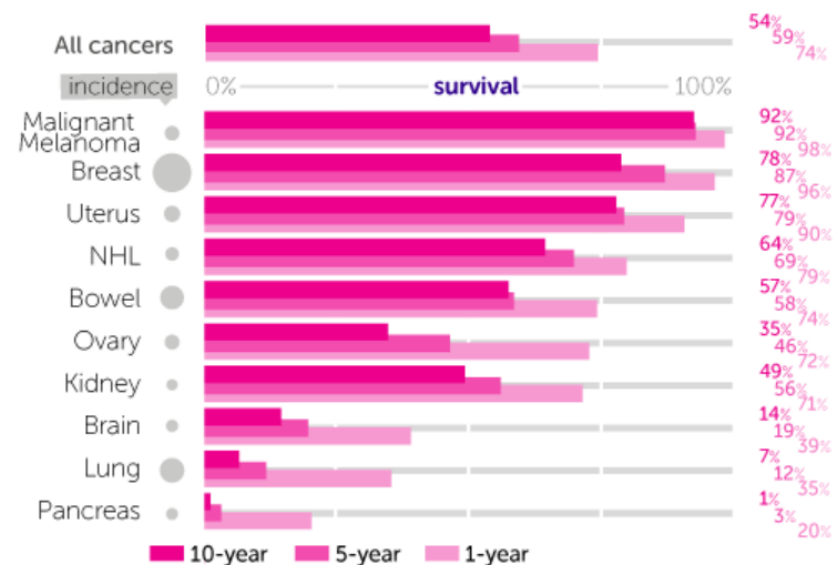


# Targeted Lung Health Check Programme

Age-Standardised One-, Five- and Ten-Year Survival for the 10 Most Common Cancers in Males, England and Wales, 2010-2011

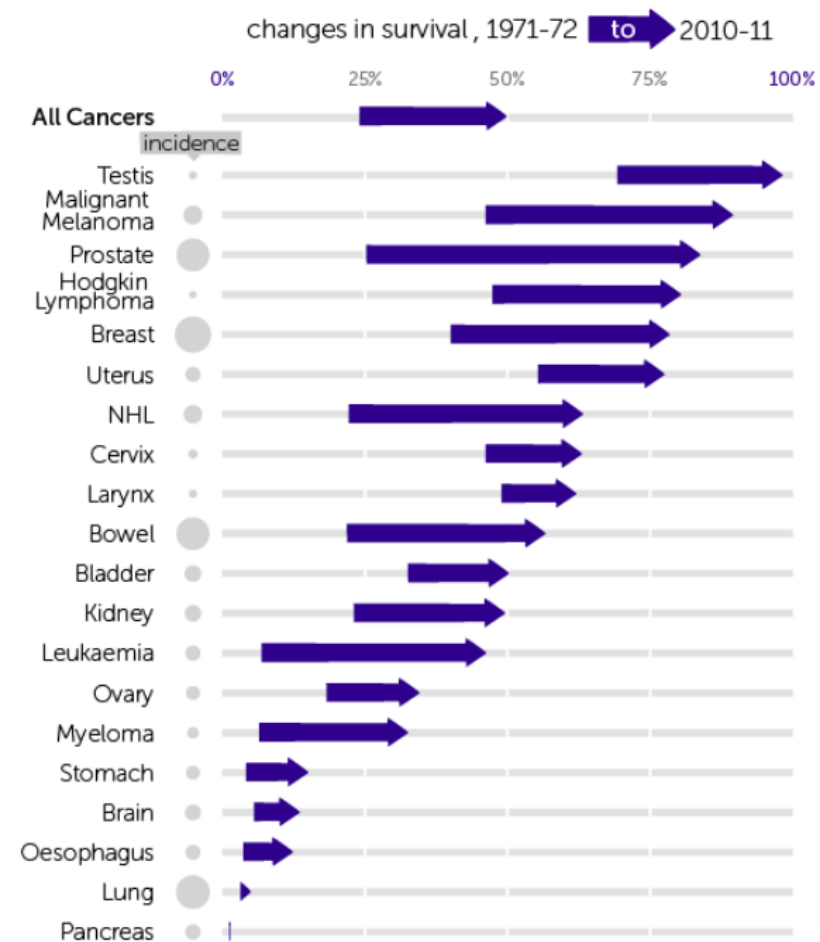


Age-Standardised One-, Five- and Ten-Year Survival for the 10 Most Common Cancers in Females, England and Wales, 2010-2011





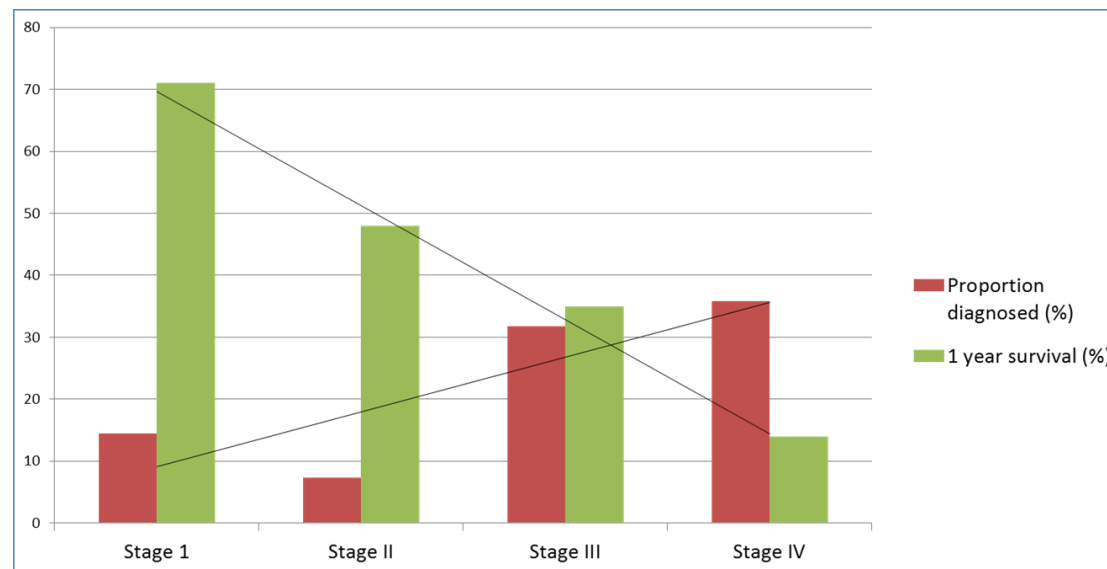
# Targeted Lung Health Check Programme





# Targeted Lung Health Check Programme

## Relationship between stage and Survival



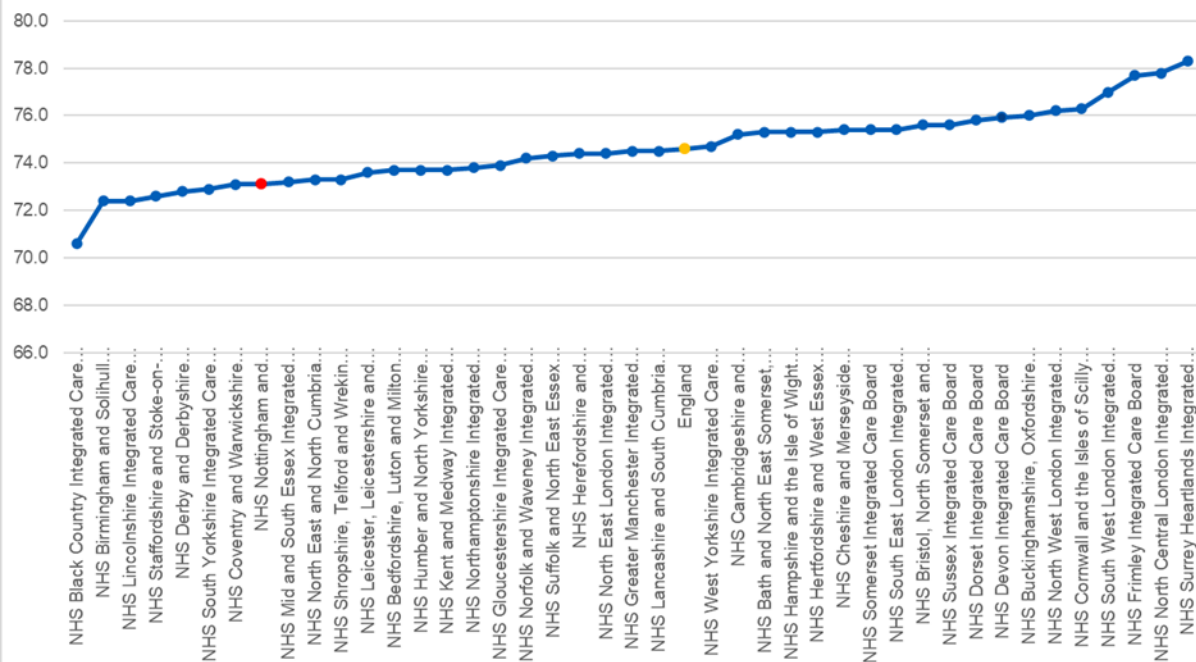




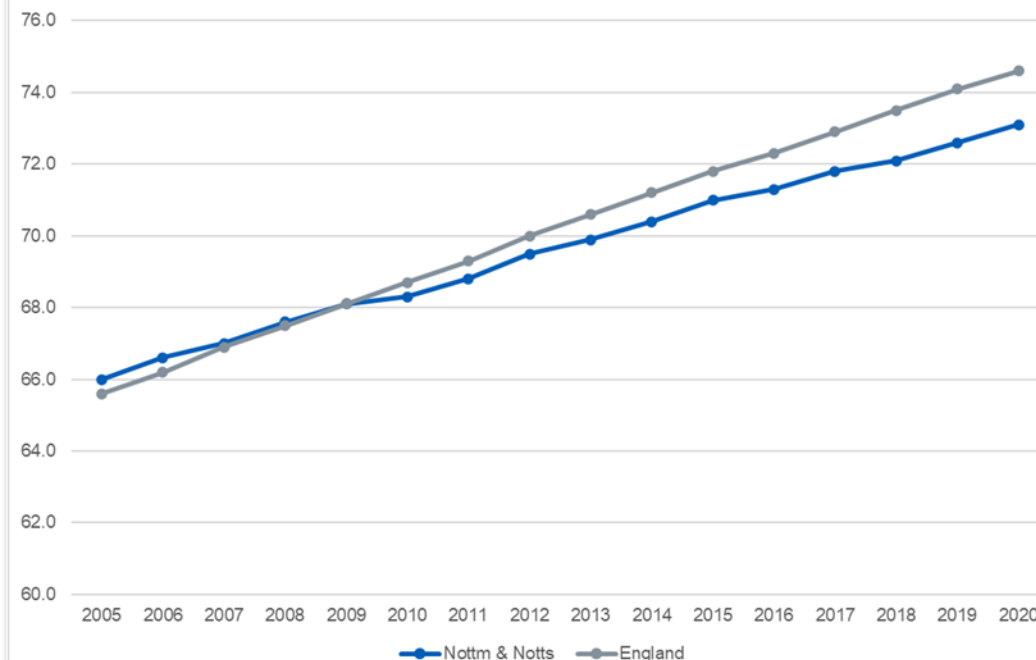
# Targeted Lung Health Check Programme



All Cancers 1 yr Survival 2020

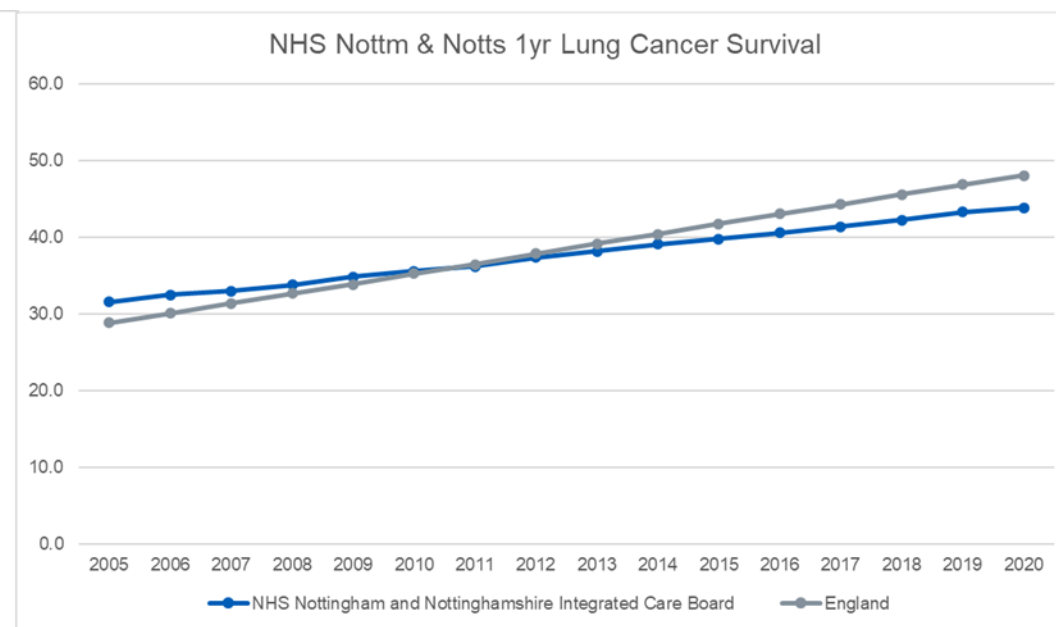
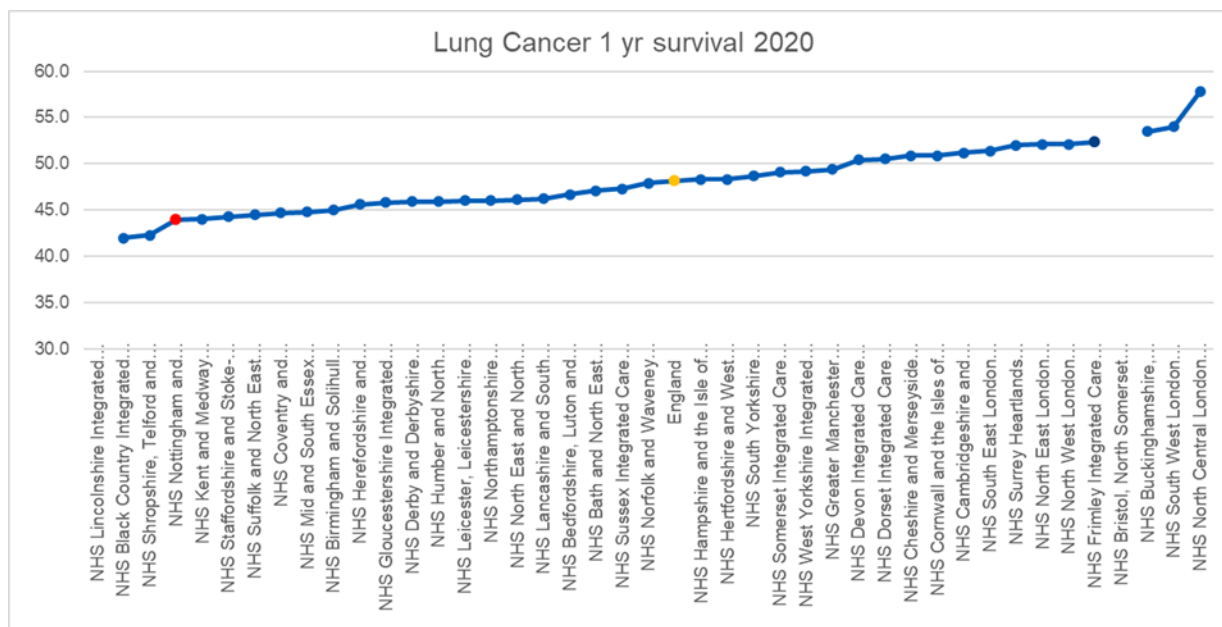


NHS Nottm & Notts 1yr Cancer Survival





# Targeted Lung Health Check Programme



Earlier diagnosis  
of lung cancer  
and other lung  
diseases



Better treatment  
options



Improve survival  
rates

## **MANSFIELD & ASHFIELD Phase 1**

Estimated Eligible Population: 27,000

Ex mining community

Geographically spread

High % English as first spoken language

Went live in April 2021

Due to finish cohort in March 2025

## **NOTTINGHAM CITY Phase 2**

Estimated Eligible Population: 30,000

High smoking prevalence

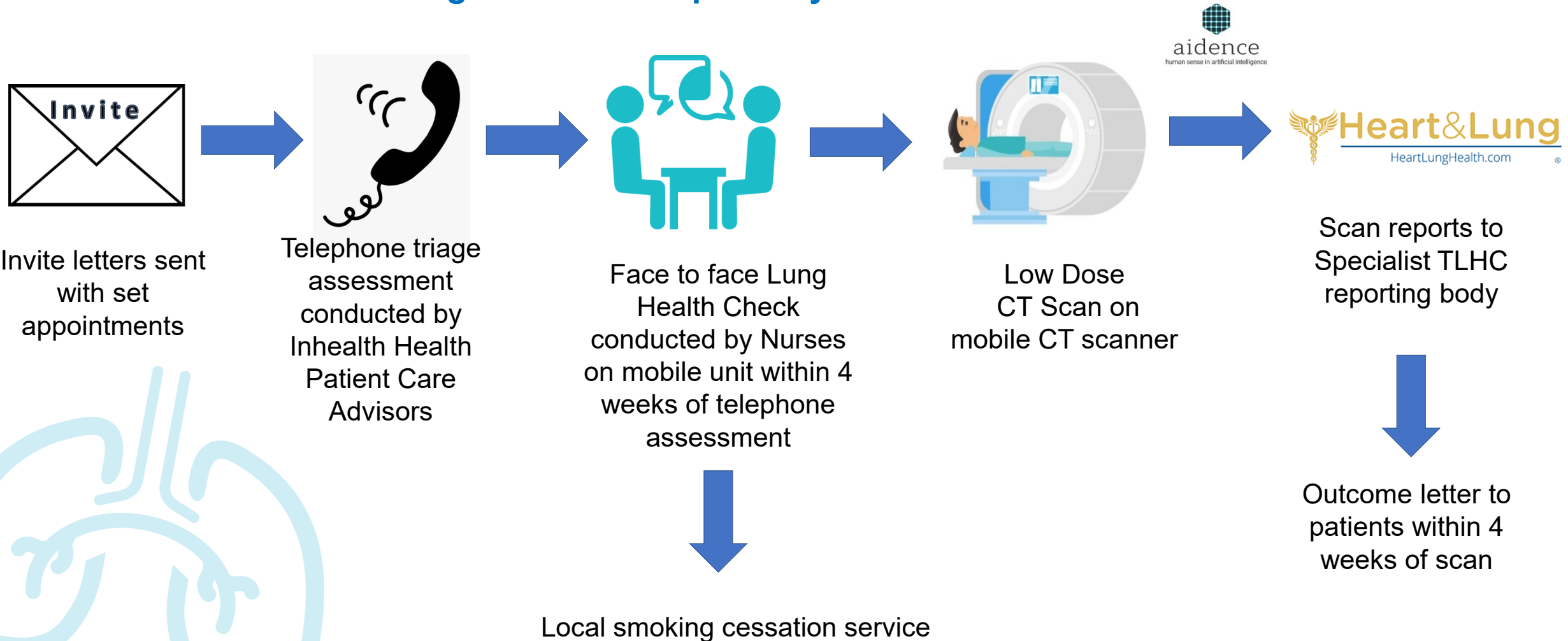
City – Urban location closer together

Diverse communities, many different  
languages spoken

Went live in December 2022

Due to finish cohort in November 2026

## Model: What does our lung health check pathway look like?







## Community Locations



Summit Centre

Practices over 10 min by car:

Jacksdale Medical Centre – 16 min

Ashfield House – 13 min

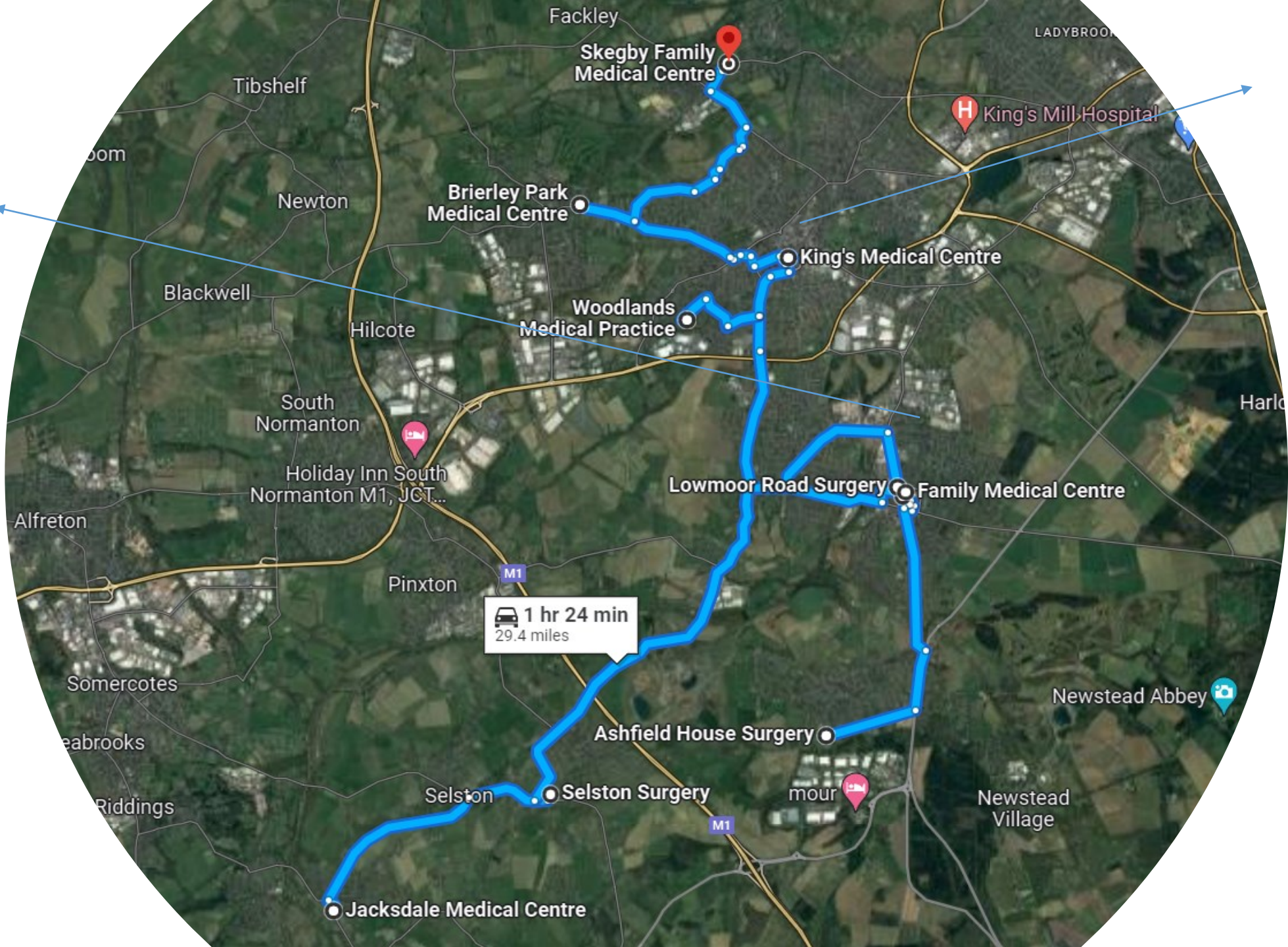
Selston Surgery – 13 min

Woodlands – 12 min

Brierly Park Medical – 13 min

Skegby Medical – 15 min

6/13 practices - under 10 mins away by car



Asda – Sutton in Ashfield

Castle Wood Sports and Social Club  
Practices over 10 min by car:

Jacksdale Medical Centre – 16 min

Ashfield House – 17 min

Riverbank – 10 min

Oaktree – 10 min

8/12 practices - under 10 mins away by car

## Smoking Cessation

- Provided by existing local services.
- All current smokers are offered the opportunity to talk to a smoking cessation advisor whilst on the unit as part of their lung health checks.
- Integral part of the pathway – preferably before CT scan!
- Offer e-cigarettes as part of package of interventions.





Targeted Lung  
Health Check  
Programme



# Communications and engagement

Increasing uptake to lung health checks





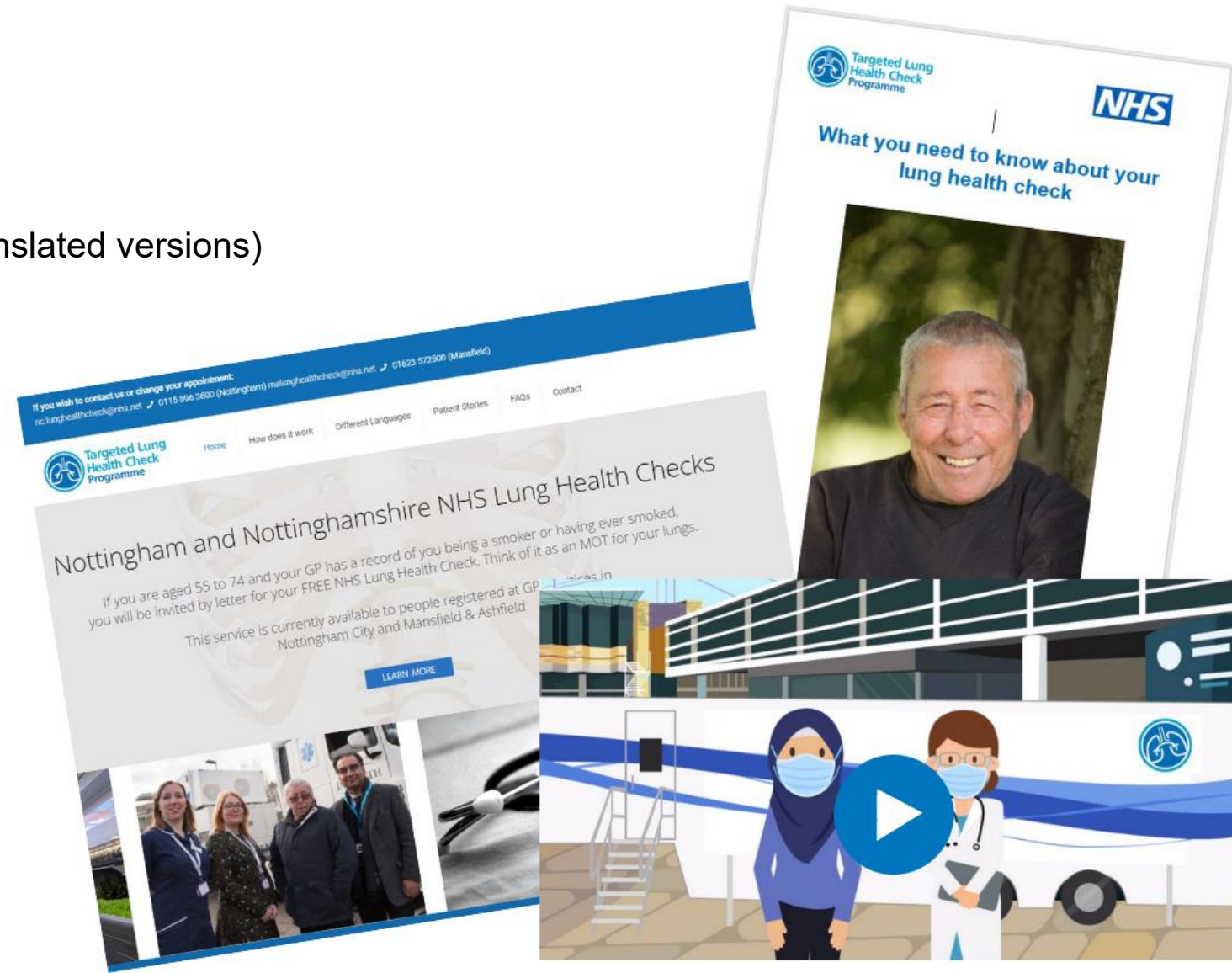
## Engagement

- GP surgeries – practice managers
- Pharmacies
- Resident development officer
- Local councillors
- Community groups and churches e.g., Good Companions
- Care homes / independent living homes
- Faith Centre's
- Voluntary sector
- Social Prescribers/Link workers



## Patient Information

- Appointment letter (include slip to request translated versions)
- Information Booklet
- Programme website live. Patient story videos
- Functionality to email booking team
- Animation video and translated



## Partnerships with site owners

- Posters on every till
- Leaflets on tobacco counter
- A-board outside entrance and CT unit
- Roller banner in main entrance





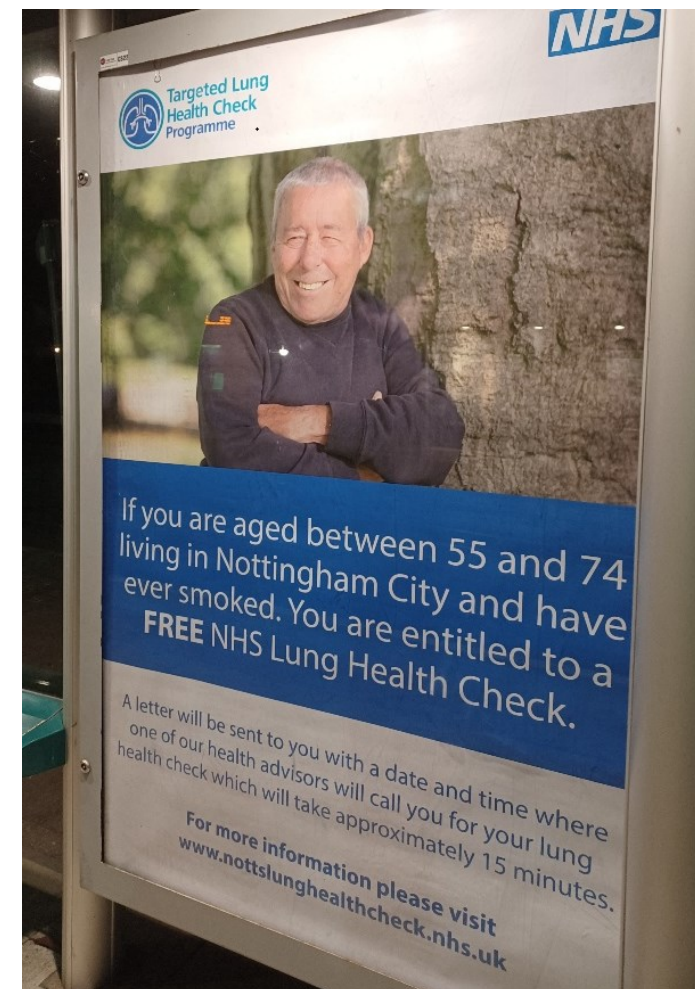


## Public Transport Advertising

Tram stop and bus advertising



**FREE NHS lung health checks:**  
55 – 74 year olds in Nottingham who have ever smoked  
**Find out more: [www.nottslunghhealthcheck.nhs.uk](http://www.nottslunghhealthcheck.nhs.uk)**







# Targeted Lung Health Check Programme

## Assets and promotional items

Targeted Lung Health Check Programme

NHS

If you are aged between 55 and 74 living in Nottingham and have ever smoked, you are entitled to a **FREE NHS Lung Health Check.**

A letter will be sent to you with a date and time where one of our health advisors will call you for your lung health check which will take approximately 15 minutes.

For more information please visit [www.nottslunghealthcheck.nhs.uk](http://www.nottslunghealthcheck.nhs.uk) or call 0115 896 3600

OR SCAN ME

A5 flyer

### Poster

#### Lung Health Check Frequently Asked Questions

**What is a lung health check?**  
A lung health check is a free MOT of your lungs and will check that they are working as they should be. If eligible, you will receive a letter with an invitation for a telephone assessment where an advisor will ask general questions about your lifestyle, medical and family history. You may then be invited to a face-to-face appointment with a nurse and a CT scan.

**Why do I need a lung health check?**  
It's really important to go for your lung health check even if you feel fit and healthy. The check can spot any issues at an earlier stage, which makes treatment much easier.

**When will appointments be available?**  
Your appointment for your initial lung health check telephone assessment will be in your invitation letter. However, if this is not convenient, please contact us and we can rearrange this for you. If you require a CT scan this will be booked during the call. Scans will be available 6 days per week, Monday to Saturday and between 8.00am-8.00pm.

**Does the mobile unit have wheelchair access?**  
Yes. There is wheelchair access on the mobile unit for those who require it.

**What happens after my lung health check?**  
You should receive the results of your Lung Health Check within 4 weeks of your visit. Usually, the team will write to you and your GP with the result.

**What might the scan show?**  
Most people's scans are normal, and no further action is needed. Everyone who receives an initial scan will be invited back for a second scan two years later. In about 1 in 4 people, the CT scan will show a lung nodule. Occasionally you may need further tests because of changes seen on your scan. Sometimes the doctors or nurses will contact you by phone to discuss your results. In about 3 out of a 100 people the scan might show evidence of a lung cancer. If there is any concern about cancer, an appointment will be arranged at Nottingham University Hospitals so that you can discuss your scan with the specialist doctors and nurses.

**Where can I get more information about lung health checks?**  
Visit: [www.nottslunghealthcheck.nhs.uk](http://www.nottslunghealthcheck.nhs.uk) or [pvcastle.org/lung-health-checks](http://pvcastle.org/lung-health-checks) or call the booking line on 0115 896 3600 and the team will be able to assist. An information leaflet will also be included alongside your invitation letter.

To request this information in another language or format please contact the Engagement Team at: [nnicb-nn.engagement@nhs.net](mailto:nnicb-nn.engagement@nhs.net) or call or text 07385 360 071

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OR SCAN ME

Roller banners

### Pens

[www.nottslunghealthcheck.nhs.uk](http://www.nottslunghealthcheck.nhs.uk)

Targeted Lung Health Check Programme

www.visionexpresscontactlenses.co.uk

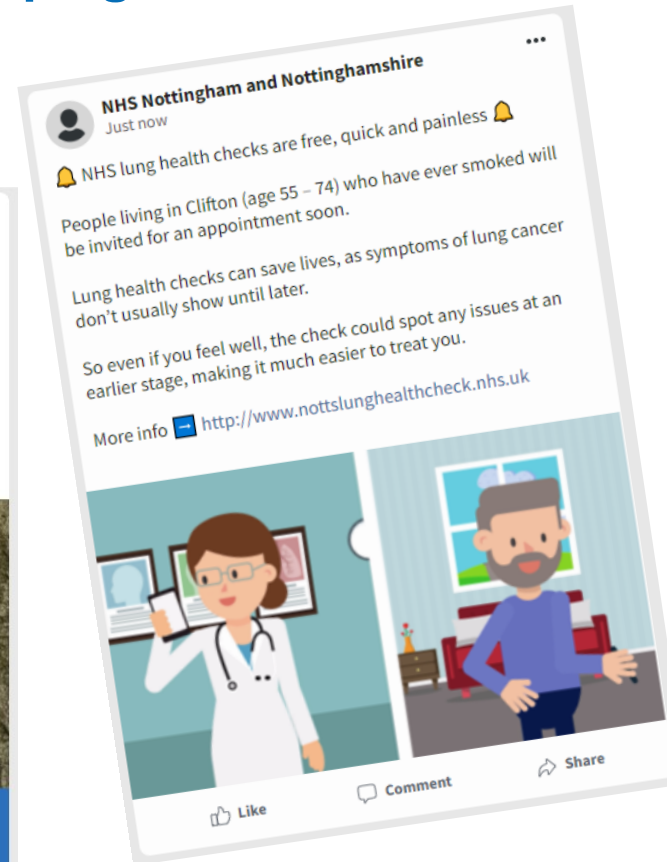
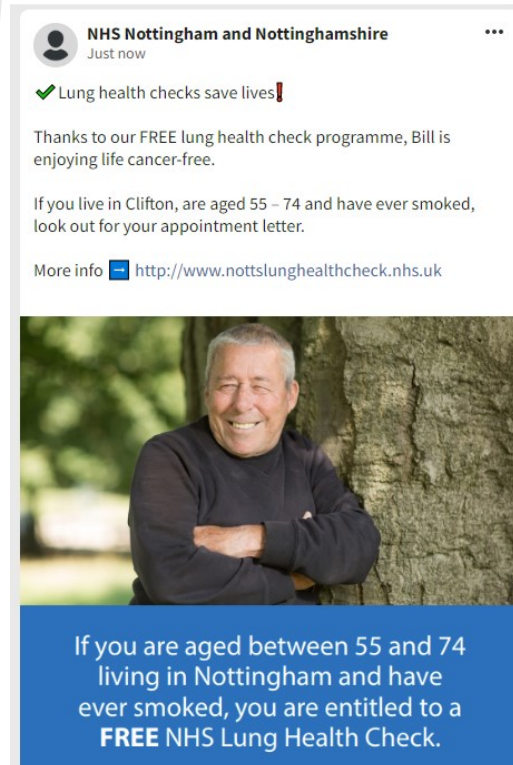
Complete Contact Care



# Targeted Lung Health Check Programme



## Social media – Targeted Facebook campaign



Dates: 11 – 18 Jan  
Spend: £301  
Audience: Men and women, 55 – 65+  
Clifton + 2km area  
57 comments  
19 shares  
6 saves  
75 reactions  
4345 people reached  
432 link clicks

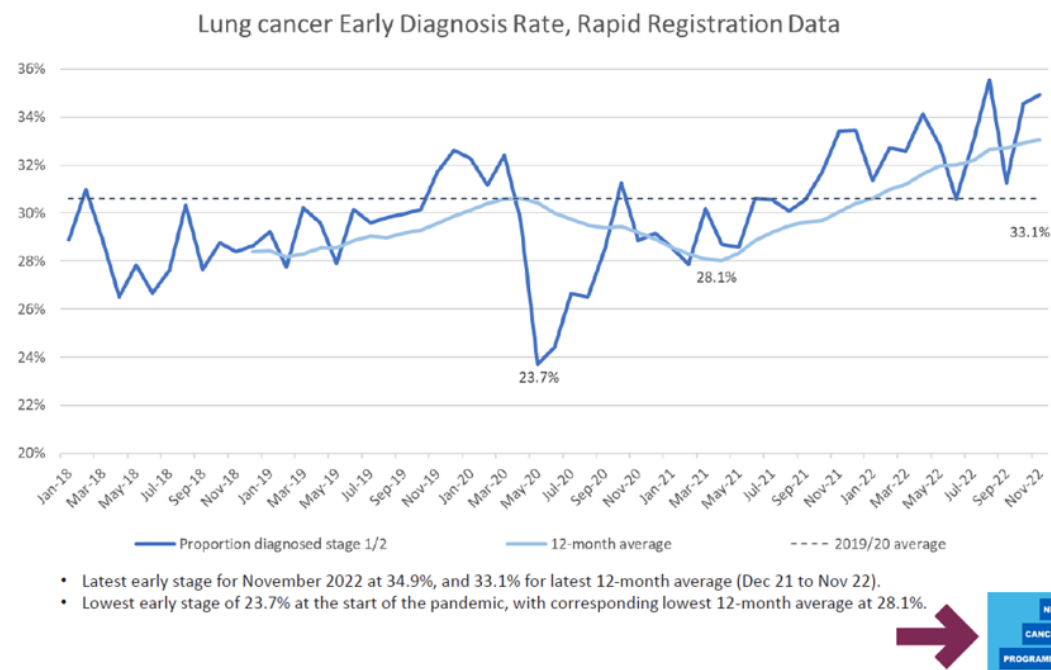




# Targeted Lung Health Check Programme

## Results

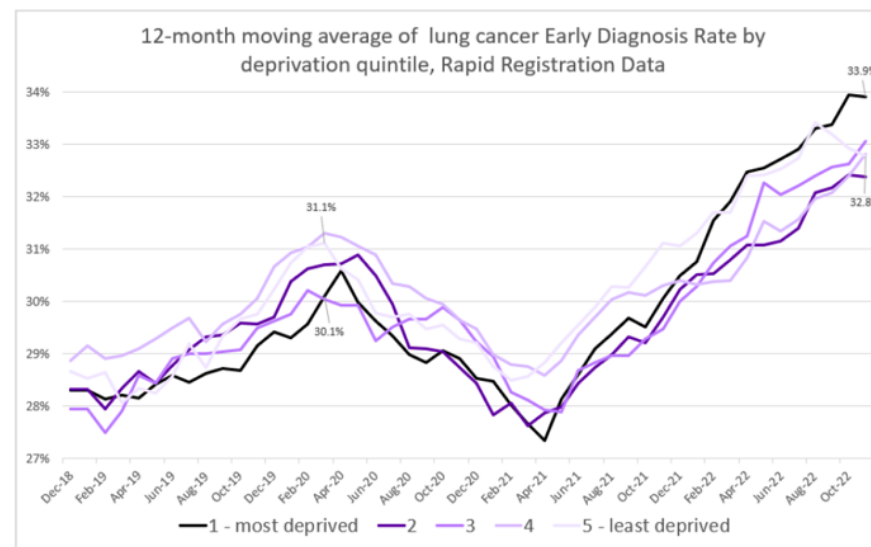
The trend is observed in the ED rate for lung cancer





# Targeted Lung Health Check Programme

ED rates in the most deprived quintile have risen 3.8ppt since March 2020, and are performing best out of all quintiles





- 75% uptake rate
- Over 10,700 CT scans
- 1<sup>st</sup> round screening completed in M&A. Started 24m scans
- 103 lung cancers diagnosed, 17 other cancers
- 65% early-stage diagnosis rate
- Treatment intent: 68% Curative vs 38% Palliative, 6% monitoring
- Significant amounts of incidental findings requiring action:  
Respiratory, Heart, Liver disease



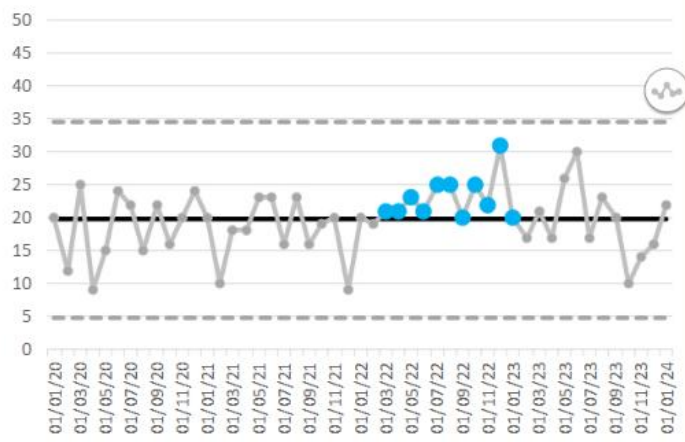
	Mansfield & Ashfield
Invites	29617
Lung Health Checks	17245
LDCT Scans	10704
Lung Cancer Diagnoses	99
Other Cancer Diagnoses	16



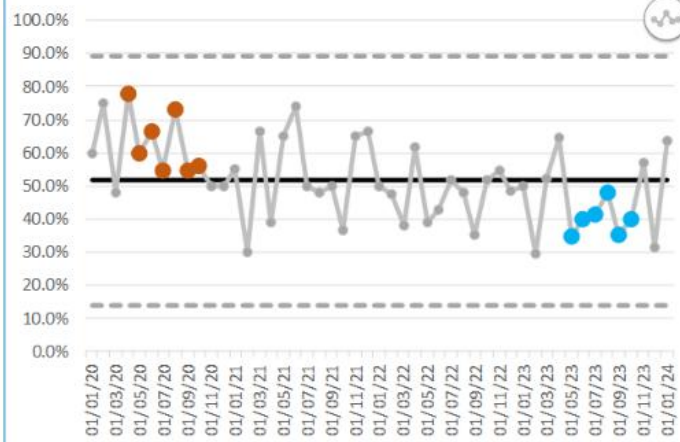
# Targeted Lung Health Check Programme



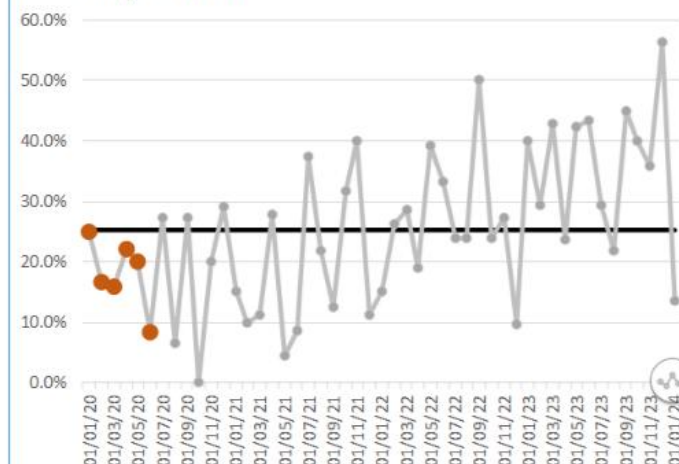
Lung Cancers detected



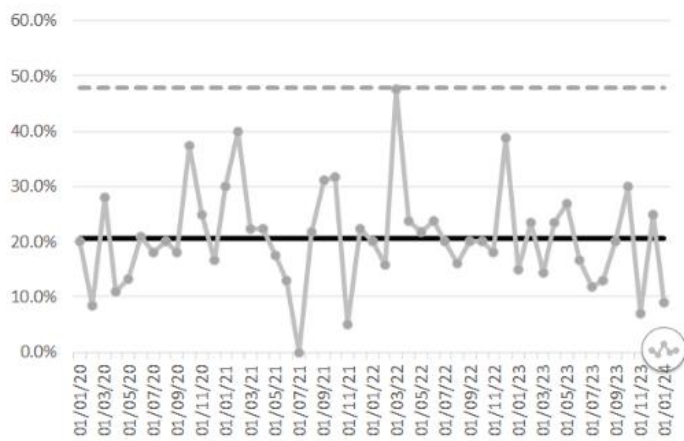
% Stage 4 cancers



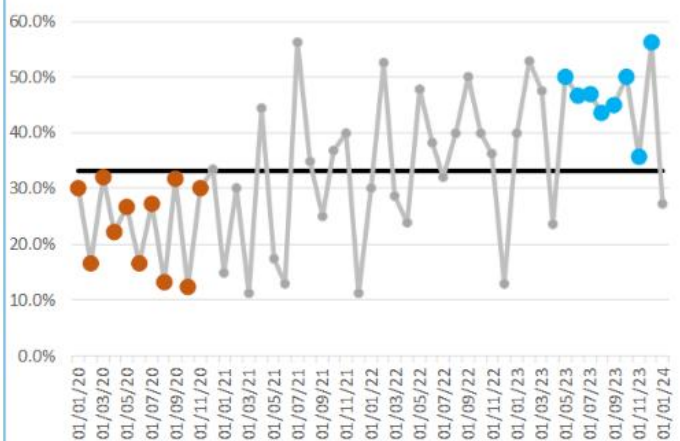
% Stage 1 cancers



% Stage 3 cancers



% Stage 1&2



Date	Total Cancers	Stage 1	Stage 2	Stage 3	Stage 4	% Stage 1	% Stage 2	% Stage 3	% Stage 4	% Stage 1 & 2
2020	233	41	15	46	131	18%	6%	20%	56%	24%
2021	222	42	18	44	118	19%	8%	20%	53%	27%
2022	292	71	25	66	130	24%	9%	23%	45%	33%
2023	247	87	17	43	100	35%	7%	17%	40%	42%
2024	22	3	3	2	14	14%	14%	9%	64%	27%

## Next Steps – Local Expansion & National Screening Programme

### Phase 4

**Mid Notts – Sherwood**

**South County – Hucknall, Arnold, Calverton**

Mid Notts – 24/25

South County – 25/26

Ambition to reach 100% population rollout by April 2027  
Bassetlaw has a live project as part of the South Yorkshire programme

PBP/PCN/Practice	% current smoker	% ever smoked	% lung cancer mortality
Byron (Hucknall)	<b>15.34%</b>	<b>69%</b>	<b>2.6%</b>
Synergy Health	<b>14.07%</b>	68%	1.4%
Sherwood	<b>13.05%</b>	68%	<b>1.9%</b>
Newark	12.47%	67%	1.8%
Nottingham West	12.09%	68%	1.7%
Arrow Health	11.97%	68%	1.6%
Arnold & Calverton	11.53%	<b>69%</b>	<b>2.3%</b>
Rushcliffe	8.51%	<b>72%</b>	1.3%

### National lung cancer screening programme announcement

All people in England who have smoked to be offered middle-age lung screening

NHS pilot scheme to be rolled out nationwide in drive to save lives by detecting and treating cancer earlier



Up to 9,000 cases of lung cancer could be caught sooner or prevented under a new screening programme set to be rolled out across the country.

NHS lung cancer plans will save 9,000 lives a year

Scans being offered to ex-smokers over the age of 55 will be a lifetime, Rishi Sunak says



Rishi Sunak has hailed a "lifeline" scheme to provide ex-smokers with lung checks to spot early



Health > News Health

**'LIFELINE'** Major lung cancer screening change could catch 9,000 cases **EARLY** each year – here's who'll be eligible

**Any Questions?**

