Public Health England

NHS England

South Yorkshire, Bassetlaw, North Derbyshire and Hardwick

Cancer Alliance Data Pack

By CCG

February 2018

Version 1.1

Produced by the Cancer Alliance Data, Evidence and Analysis Service (CADEAS)
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This data pack uses information provided by patients and collected by the NHS as part of their care and support

Version Number	Detail	Date
1.0	Initial release	12/02/2018
1.1	Text in the pack has been updated to reflect change from internal to public use	20/11/2018

1. Summary of key findings

The South Yorkshire, Bassetlaw, North Derbyshire and Hardwick Cancer Alliance

Latest data on some key cancer indicators suggest the standard of cancer care in the Alliance was generally similar to the England levels. However, there was variation across CCGs within the Alliance.

Barnsley, North Derbyshire, and Sheffield CCGs all had multiple indicators across the cancer pathway that were better than, or similar to, the England levels. Conversely Bassetlaw and Doncaster CCGs had a number of indicators that were worse than the England levels.

Screening: Screening uptake and coverage were above England levels for the Alliance as a whole. Barnsley, North Derbyshire, Rotherham and Sheffield CCGs all reported data above England levels across the board. However, Doncaster CCG reported lower than England levels for breast screening uptake.

Emergency presentations: Three CCGs reported cancer diagnoses through emergency presentation worse than England levels (Bassetlaw, Doncaster, and Sheffield CCGs), but Rotherham CCG reported better (lower) than England levels.

Cancer waiting times: Both the two-week and 62-day waiting times standards were met in Barnsley and Sheffield CCGs (in the year to Q2 2017/18). However, over the same period, both standards were unmet in Bassetlaw, Doncaster, Hardwick and North Derbyshire CCGs.

Early diagnosis: Barnsley, Hardwick, North Derbyshire and Sheffield CCGs reported data worse than the England levels for proportions of cancers diagnosed at stages 1 and 2 and cancers staged.

Incidence: Incidence rates were at the England level across most CCGs in the Alliance, with the exception of higher incidence in Bassetlaw and Doncaster CCGs.

Survival: Four CCGs were comparable to the England level on one-year survival and three were below (Doncaster, Hardwick and Rotherham CCGs).

Mortality: For under-75 cancer mortality, three CCGs were comparable to the England level and four were worse (Barnsley, Bassetlaw, Doncaster and Hardwick CCGs).

Patient experience: Patient reported experience of care was generally in line with England levels across the Alliance. Only Bassetlaw CCG was worse than the England level, and Barnsley CCG was better.

2. About the data pack

Cancer Alliances were formed as a result of recommendations in the 2015 Independent Cancer Taskforce's Achieving World-Class Cancer Outcomes report. The 19 Alliances lead on the local delivery of the Cancer Strategy Implementation Plan, using a whole pathway and cross-organisational approach.

CADEAS is a partnership between NHS England and Public Health England. The service supports Alliances with their data, evidence and analysis needs, to help drive evidence-based local decisions in the delivery of the Cancer Strategy Implementation Plan.

This data pack aims to provide all Cancer Alliances in England with a snapshot of cancer in their local populations, with a breakdown by Clinical Commissioning Group (CCG).

3. How to interpret the data

This data pack highlights variation in cancer services across CCGs in the Alliance. By using a colour coding system Alliances can identify where variation exists and prioritise areas for action. Data here should be considered alongside other sources of information for contextual and richer interpretation.

The colour system: broadly, yellow indicates data are similar to the England level. Dark blue shows data are better than England and light blue indicates data are worse than England. Some metrics have been benchmarked to operational standards or expected values; these are denoted in the legends and in the Annex. All statistical tests for England benchmarking have been conducted using a 95% confidence level.

At the time this report was made, there were three sites of the National Cancer Vanguard and 16 Alliances and the metric geography labels reflect this.

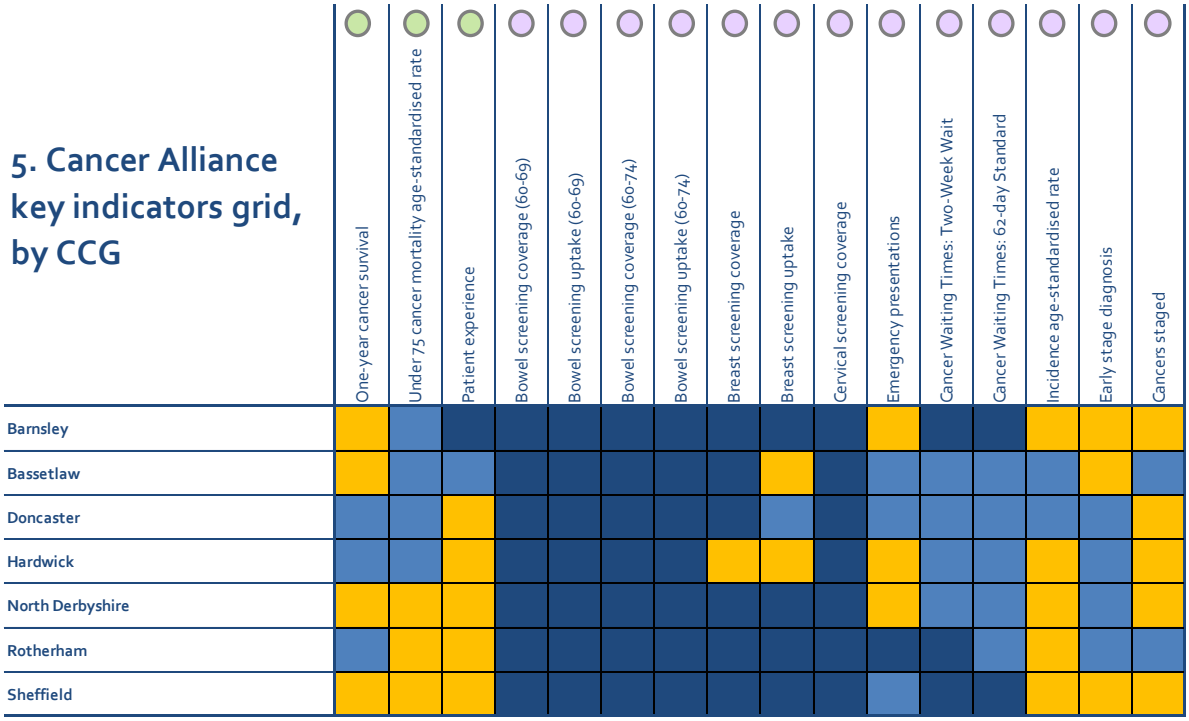
Information on data sources can be found in the Annex.

4. Data releases

CADEAS have released the following products,containing data metrics for the Cancer Alliances:

- A one-off CCG level data pack for each of the 19 Cancer Alliances, to enable comparisons across CCGs within an Alliance.
- Indicator summary grids comprising key indicators for each Alliance, available at CCG, STP and Alliance levels. These are similar to the grids found in sections 5 and 6 of this data pack and are published by CADEAS on a monthly basis.

5. Cancer Alliance key indicators grid, by CCG



Statistically better than England

Not statistically different from England

Statistically worse than England

Excludes routes to diagnosis, prevalence and pathway median waiting times. This is due to the volume of data in these three areas. Please see data in rest of data pack

6. Cancer Alliance key indicators grid, by CCG

	One-year cancer survival	Under 75 cancer mortality age-standardised rate	Patient experience	Bowel screening coverage (60-69)	Bowel screening uptake (60-69)	Bowel screening coverage (60-74)	Bowel screening uptake (60-74)	Breast screening coverage	Breast screening uptake	Cervical screening coverage	Emergency presentations	Cancer Waiting Times: Two-Week Wait	Cancer Waiting Times: 62-day Standard	Incidence age-standardised rate	Early stage diagnosis	Cancers staged
Barnsley	72	158	8.9	59	59	61	61	77	79	77	22	95	89	610	50	90
Bassetlaw	71	163	8.4	61	61	62	63	77	73	77	24	91	83	671	51	84
Doncaster	70	169	8.7	59	59	61	62	74	71	75	24	91	79	693	48	90
Hardwick	70	181	8.8	59	59	61	60	72	72	77	21	91	73	639	45	92
North Derbyshire	72	139	8.7	62	62	64	63	75	76	79	21	91	78	596	49	92
Rotherham	71	142	8.7	58	58	60	61	76	77	76	16	96	82	620	47	86
Sheffield	73	148	8.8	59	59	61	61	74	73	74	22	96	85	611	52	91

Statistically better than England

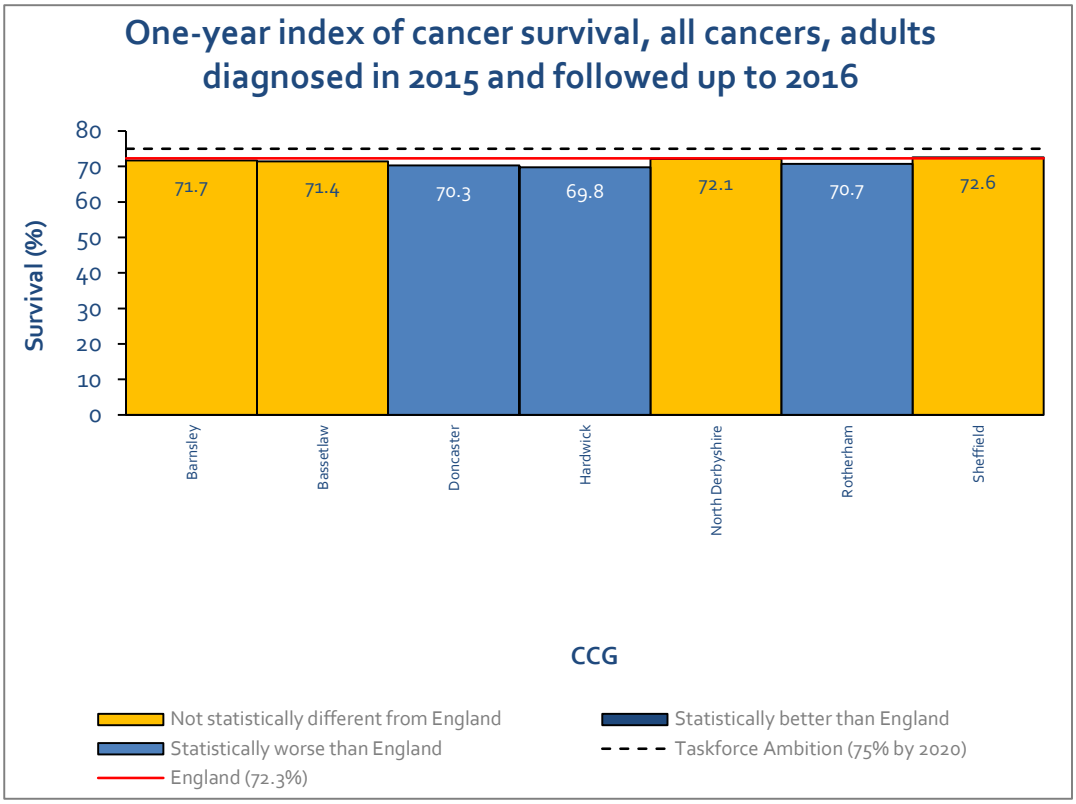
Not statistically different from England

Statistically worse than England

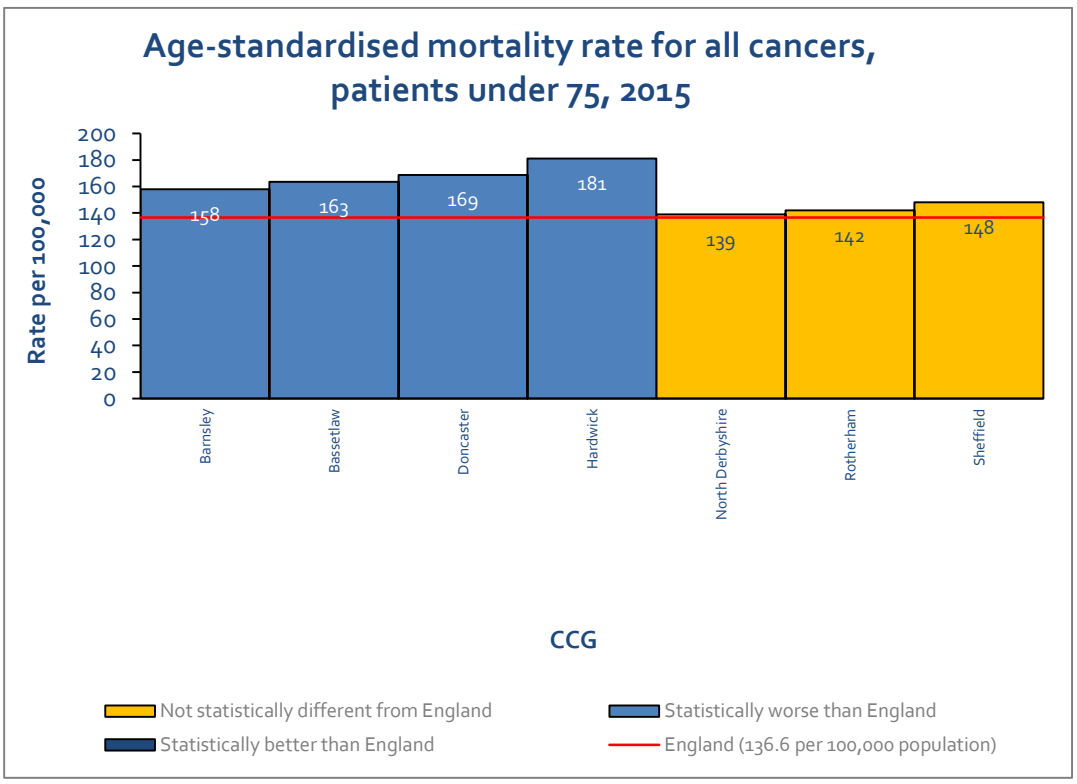
Excludes routes to diagnosis, prevalence and pathway median waiting times. This is due to the volume of data in these three areas. Please see data in rest of data pack

7. Alliance indicators by CCG

Cancer survival



Cancer mortality



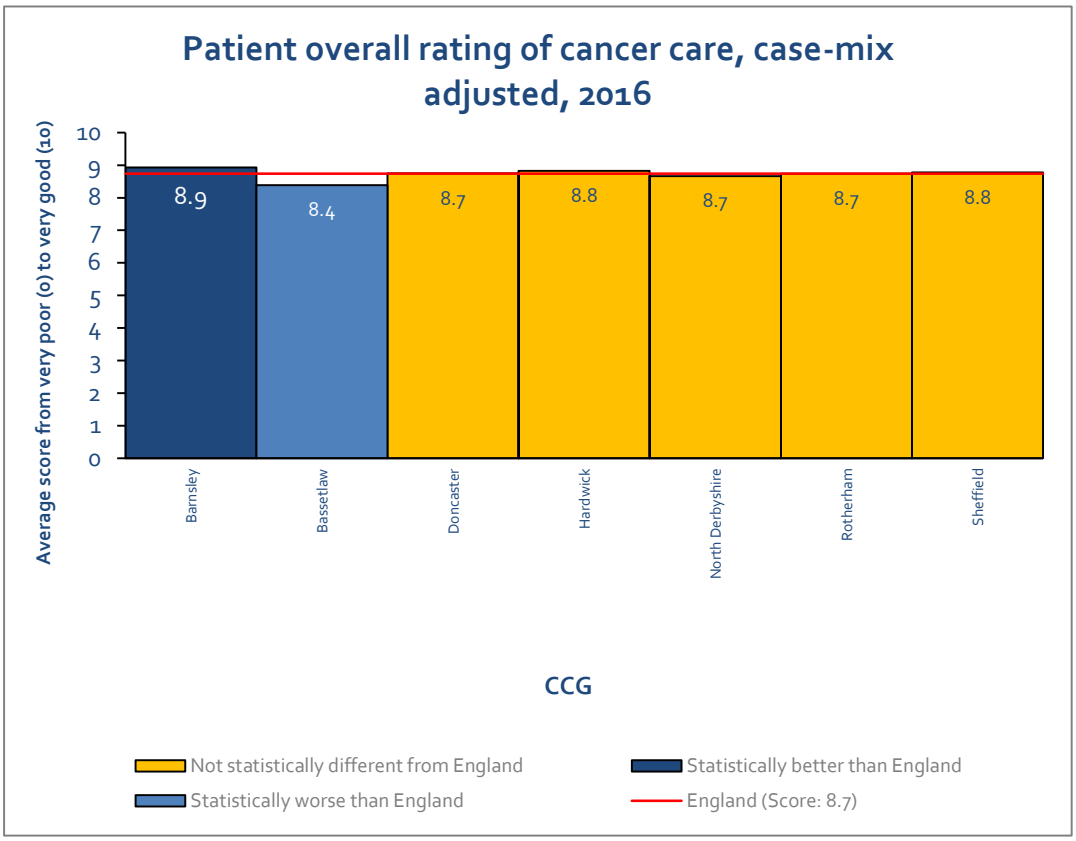
Cancer prevalence

Patients diagnosed with cancer between 1995-2015 (inclusive) alive on the 31st December 2015 (21-year prevalence)

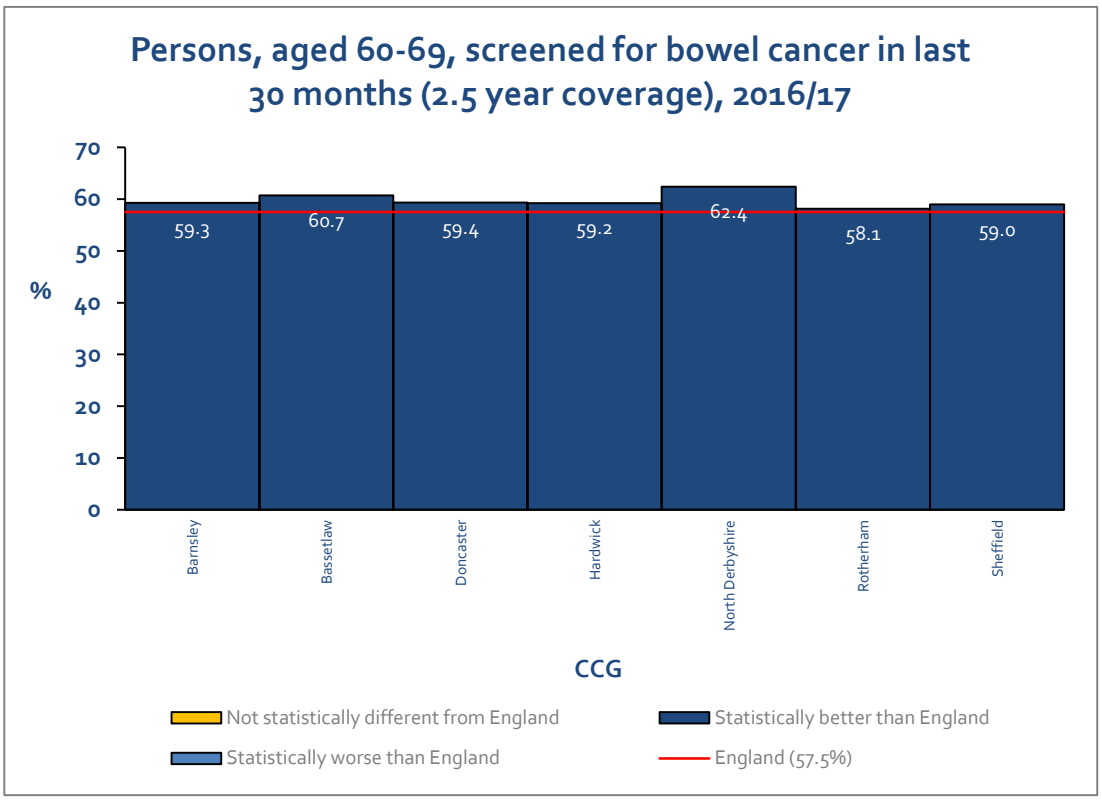
Number of cases and crude rates are in year bands representing time since diagnosis

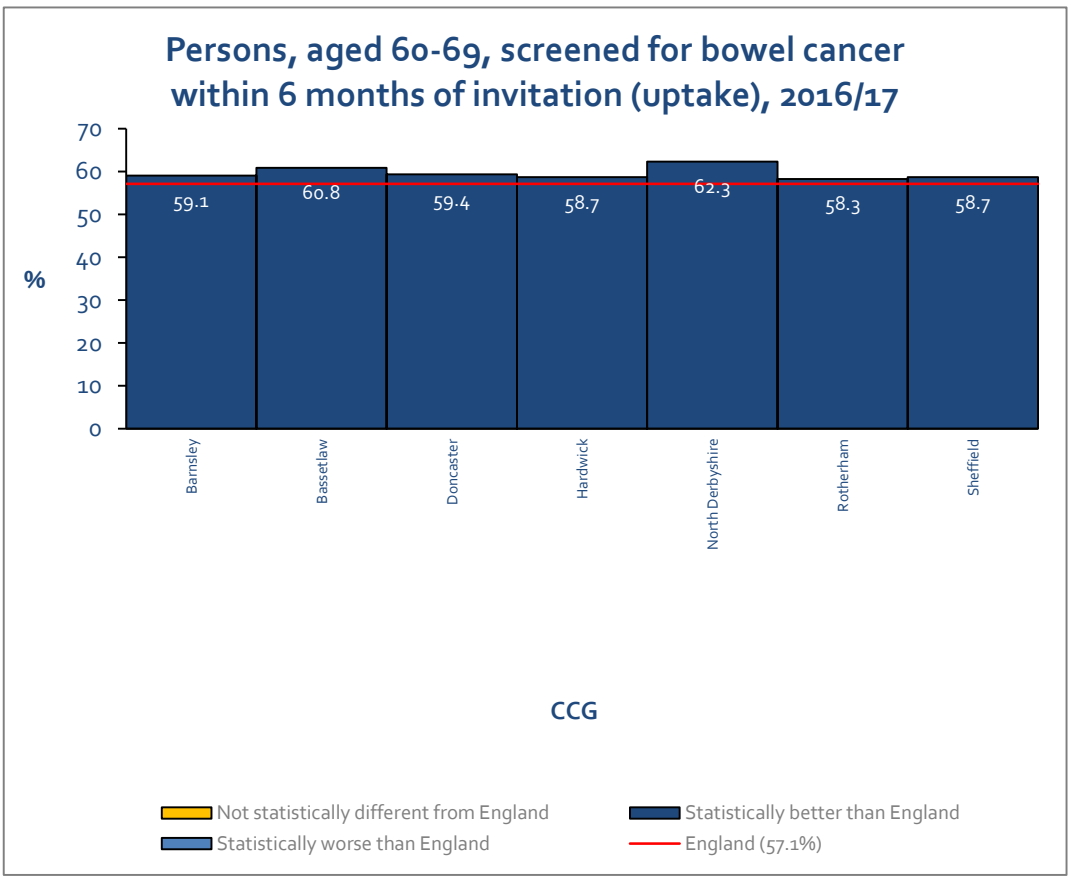
CCG	Cases						Crude Rates per 100,000 (cases / total population in 2015)					
	< 1 yr	1 yrs - < 2 yrs	2 yrs - < 5 yrs	5 yrs - < 10 yrs	10 yrs - < 15 yrs	15 yrs - < 21 yrs	< 1 yr	1 yrs - < 2 yrs	2 yrs - < 5 yrs	5 yrs - < 10 yrs	10 yrs - < 15 yrs	15 yrs - < 21 yrs
Barnsley	926	765	1,789	2,091	1,223	864	387	320	748	874	511	361
Bassetlaw	564	447	954	1,080	606	427	492	390	833	943	529	373
Doncaster	1,335	1,032	2,384	2,704	1,572	1,201	438	339	782	887	516	394
Hardwick	460	416	901	995	620	411	416	377	816	901	561	372
North Derbyshire	1,220	1,034	2,567	2,934	1,784	1,120	447	379	941	1,075	654	410
Rotherham	1,031	798	1,969	2,232	1,323	945	395	306	755	856	507	362
Sheffield	1,940	1,558	4,028	4,685	3,061	1,890	341	273	707	822	537	332

Cancer patient experience

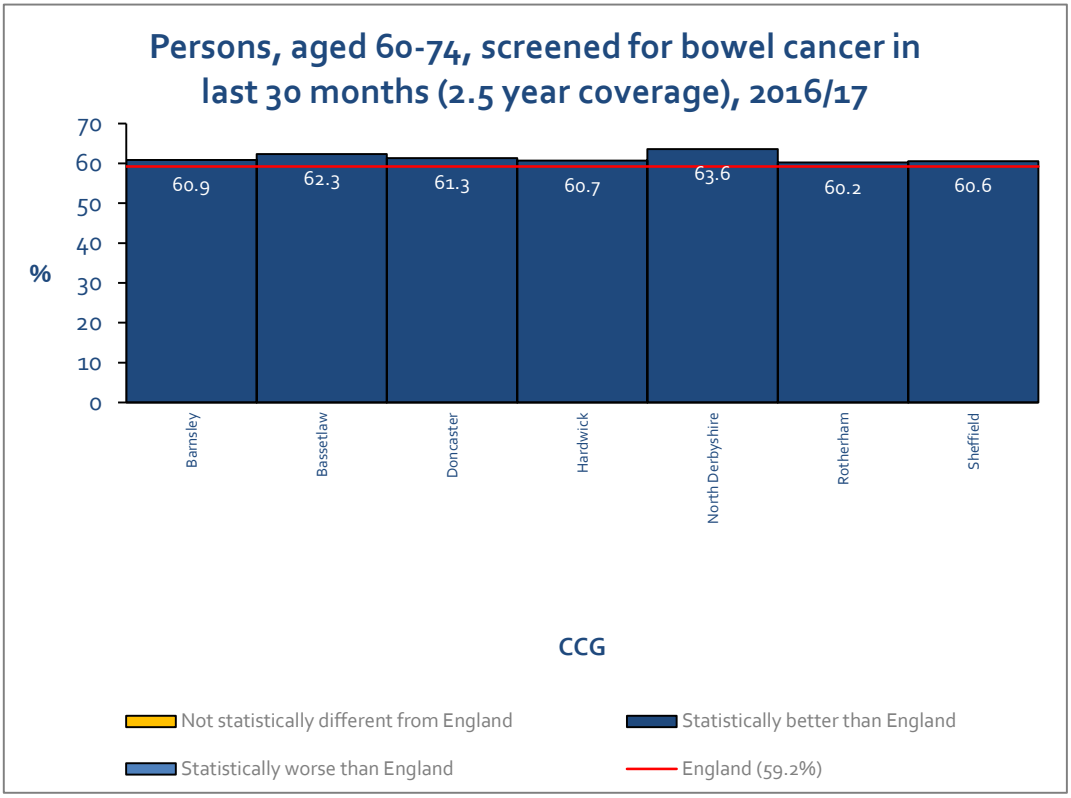


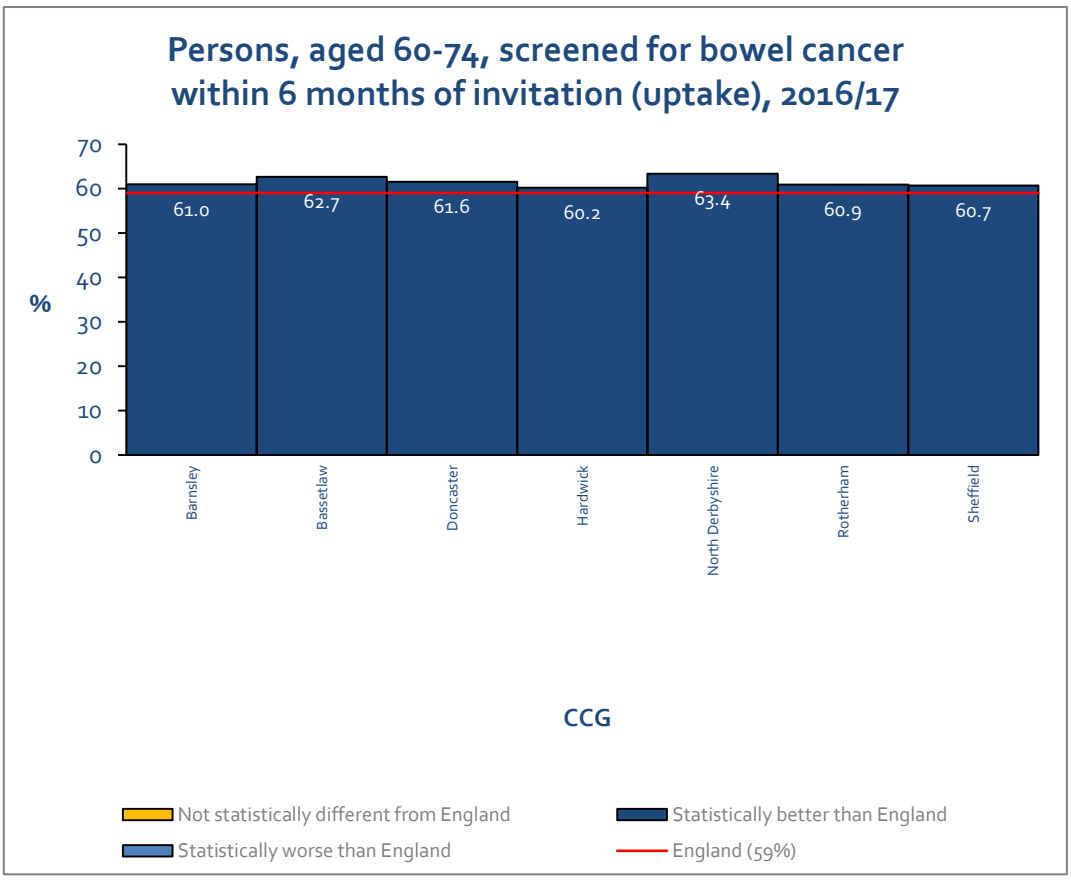
Bowel cancer screening, ages 60-69



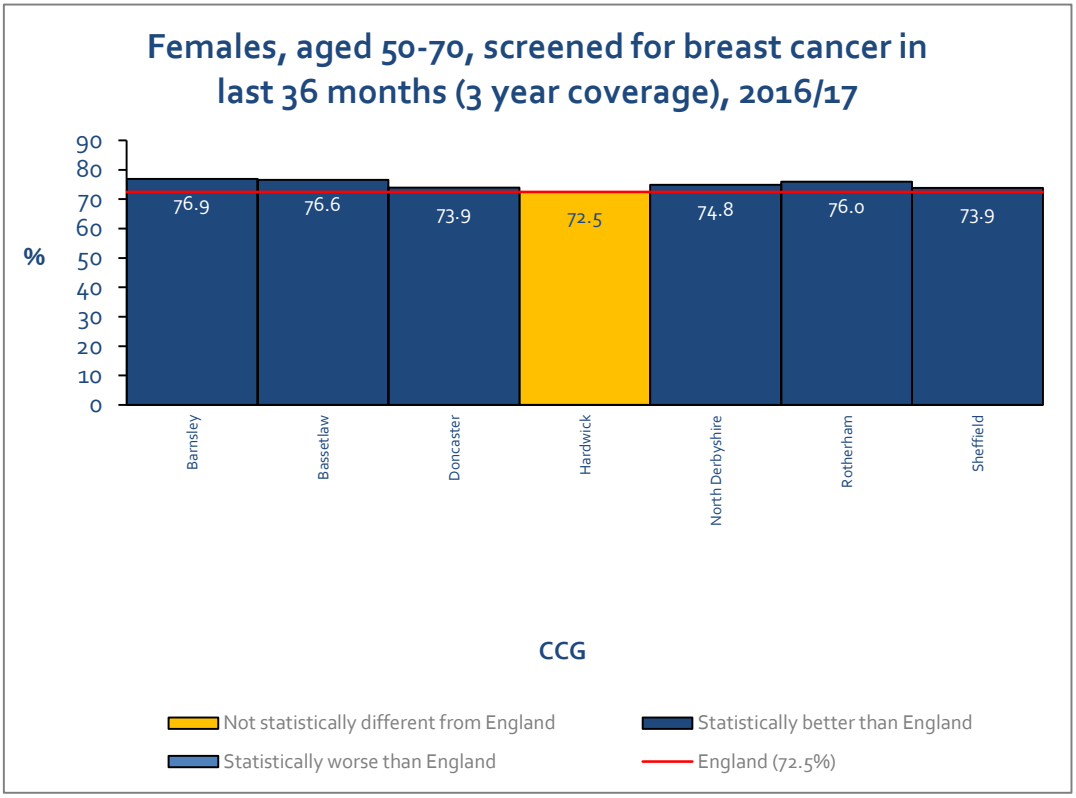


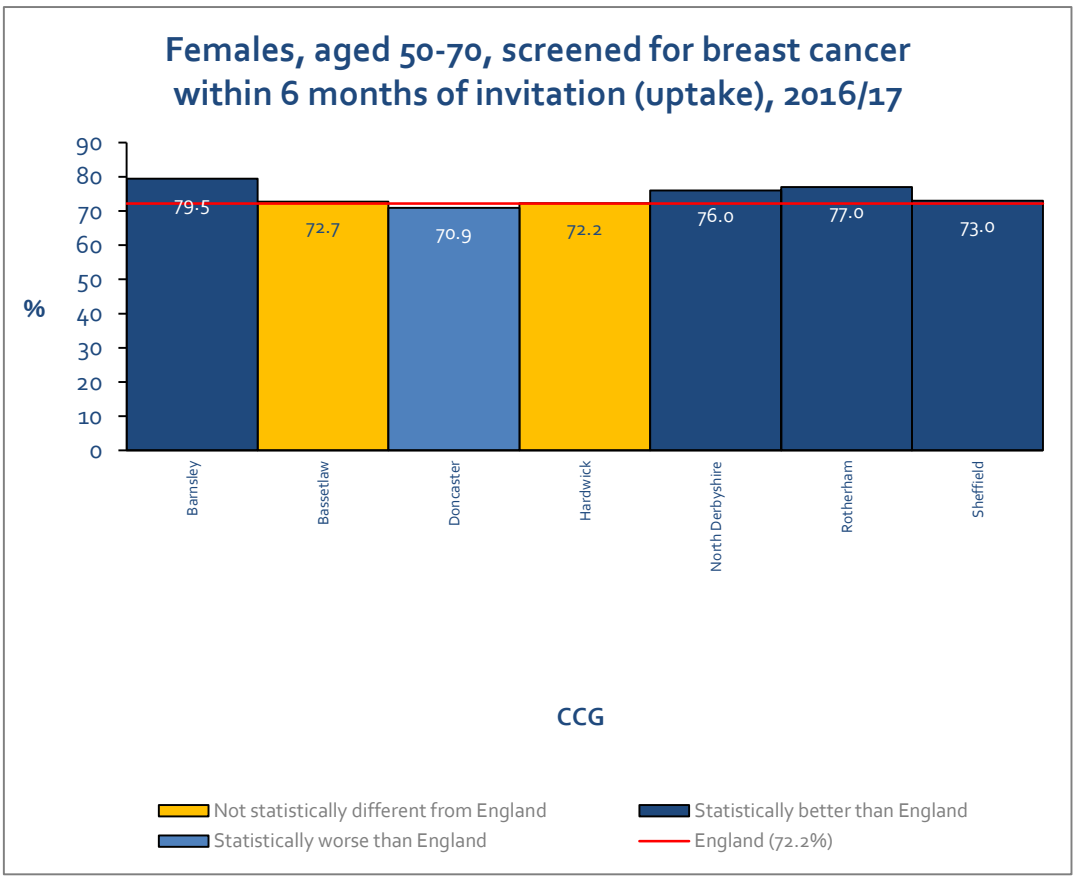
Bowel cancer screening, ages 60-74



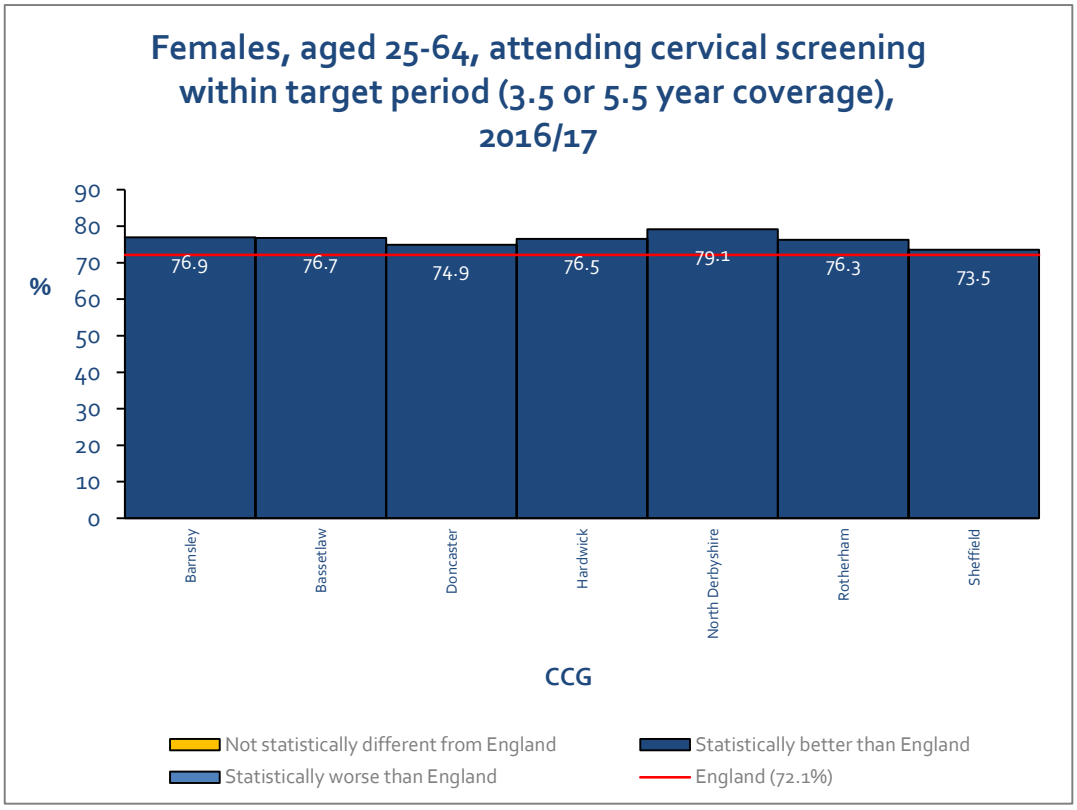


Breast cancer screening

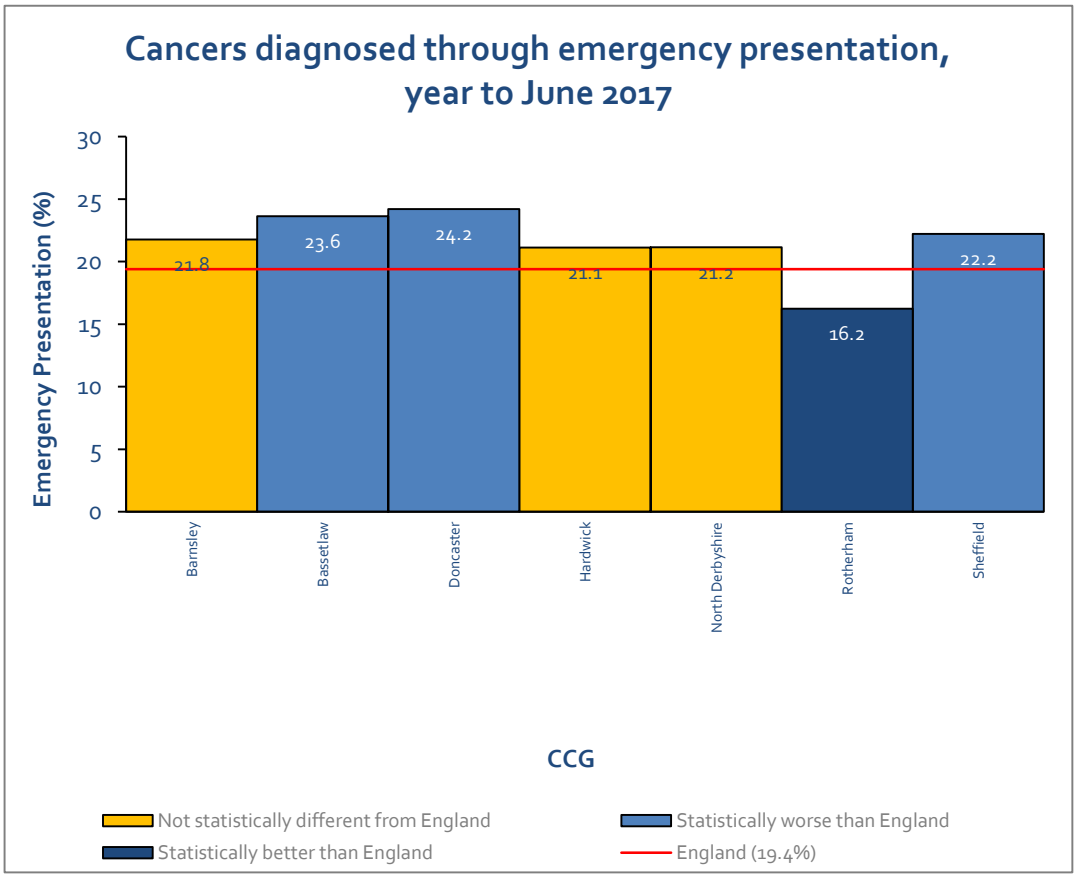




Cervical cancer screening



Emergency presentations



Routes to diagnosis

Routes to diagnosis for breast cancer in England, 2006-2015

CCG	Screen Detected	Managed	Emergency Presentation	Other	Number of Cases
Barnsley	28%	57%	5%	10%	1,855
Bassetlaw	18%	65%	3%	14%	1,023
Doncaster	27%	63%	4%	6%	2,493
Hardwick	29%	58%	6%	7%	947
North Derbyshire	28%	60%	4%	7%	2,549
Rotherham	29%	61%	5%	6%	2,061
Sheffield	27%	61%	6%	7%	4,201

Routes to diagnosis for colorectal cancer in England, 2006-2015

CCG	Screen Detected	Managed	Emergency Presentation	Other	Number of Cases
Barnsley	8%	44%	24%	24%	1,508
Bassetlaw	10%	55%	22%	13%	815
Doncaster	9%	54%	24%	13%	2,058
Hardwick	10%	53%	27%	10%	769
North Derbyshire	9%	55%	24%	13%	2,014
Rotherham	8%	57%	24%	11%	1,778
Sheffield	8%	53%	28%	11%	3,243

Statistically better than England

Not statistically different from England

Statistically worse than England

Routes to diagnosis

Routes to diagnosis for lung cancer in England, 2006-2015

CCG	Managed	Emergency Presentation	Other	Number of Cases
Barnsley	40%	41%	19%	2,193
Bassetlaw	49%	40%	11%	916
Doncaster	47%	38%	14%	2,936
Hardwick	49%	38%	13%	915
North Derbyshire	50%	37%	13%	1,986
Rotherham	49%	36%	15%	2,291
Sheffield	46%	42%	13%	4,406

Routes to diagnosis for prostate cancer in England, 2006-2015

CCG	Managed	Emergency Presentation	Other	Number of Cases
Barnsley	63%	10%	27%	1,327
Bassetlaw	64%	11%	25%	898
Doncaster	72%	11%	17%	2,046
Hardwick	71%	11%	18%	884
North Derbyshire	74%	10%	16%	2,469
Rotherham	65%	12%	24%	1,495
Sheffield	73%	13%	15%	2,954

Statistically better than England

Not statistically different from England

Statistically worse than England

Cancer waiting times: two-week wait

Two-week wait for all cancers, year to Sep 2017

CCG	Q3: Oct-Dec 2016/17			Q4: Jan-Mar 2016/17			Q1: Apr-Jun 2017/18			Q2: Jul-Sep 2017/18		
	Total Seen	Seen After 14 Days	Seen Within 14 Days	Total Seen	Seen After 14 Days	Seen Within 14 Days	Total Seen	Seen After 14 Days	Seen Within 14 Days	Total Seen	Seen After 14 Days	Seen Within 14 Days
Barnsley	1,868	82	96%	1,984	90	95%	1,921	98	95%	2,020	86	96%
Bassetlaw	760	46	94%	818	80	90%	881	85	90%	809	81	90%
Doncaster	2,478	131	95%	2,544	283	89%	2,678	251	91%	2,484	249	90%
Hardwick	829	45	95%	831	55	93%	921	159	83%	847	65	92%
North Derbyshire	2,533	129	95%	2,510	191	92%	2,488	444	82%	2,528	187	93%
Rotherham	1,885	73	96%	1,939	70	96%	2,088	99	95%	2,119	119	94%
Sheffield	4,252	205	95%	3,915	143	96%	4,042	164	96%	4,221	165	96%

Above operational standards
Below operational standards

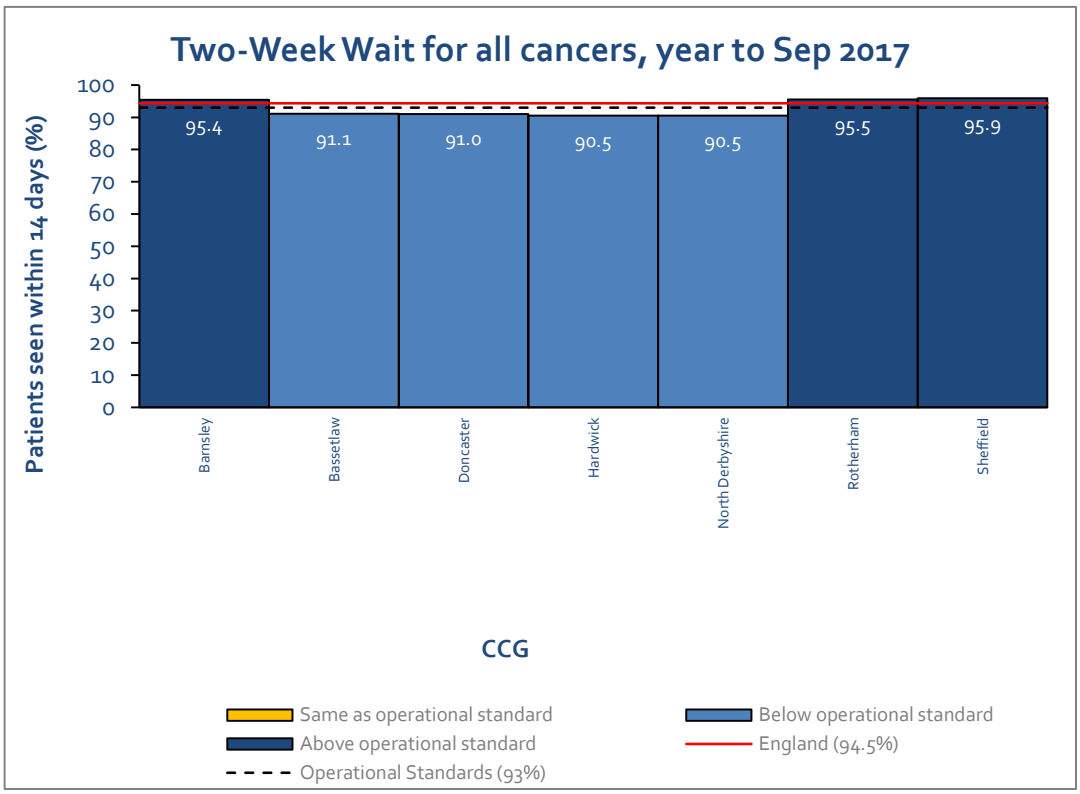
Cancer waiting times: 62-day standard

62-day standard for all cancers, year to Sep 2017

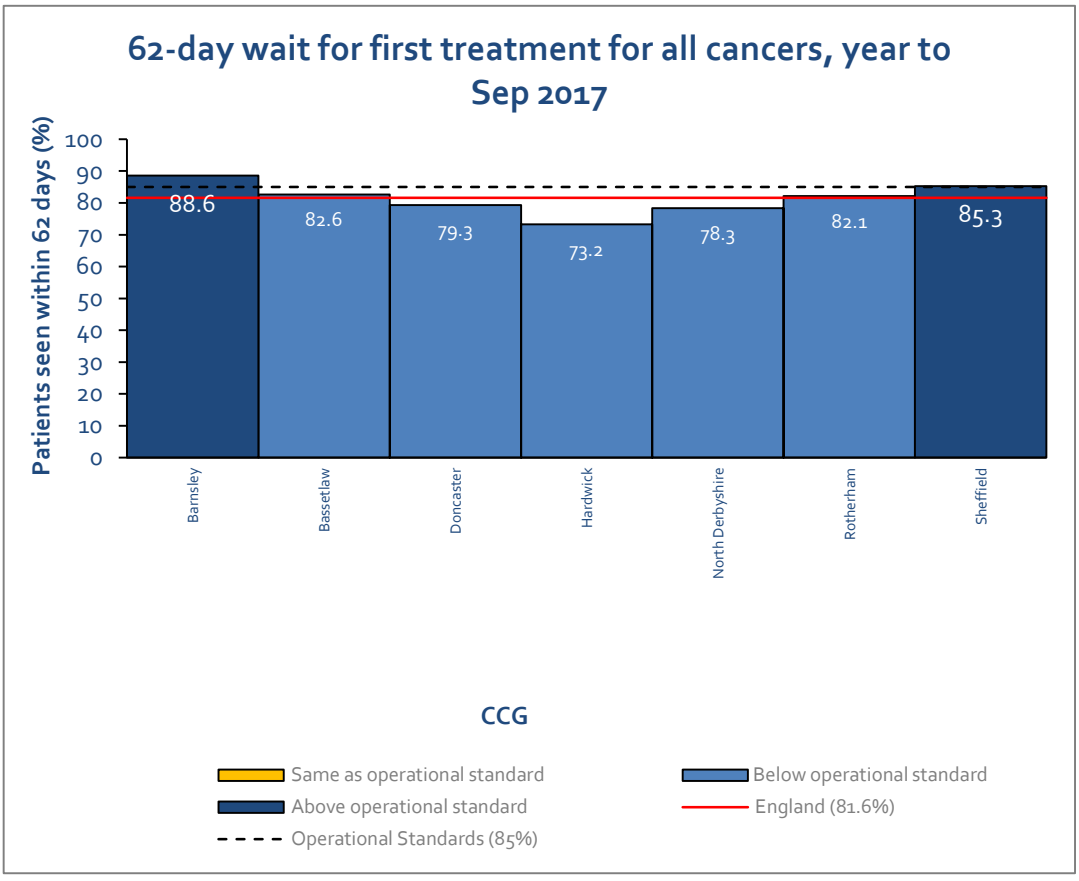
CCG	Q3: Oct-Dec 2016/17			Q4: Jan-Mar 2016/17			Q1: Apr-Jun 2017/18			Q2: Jul-Sep 2017/18		
	Total Seen	Seen After 62 Days	Treated Within 62 Days	Total Seen	Seen After 62 Days	Treated Within 62 Days	Total Seen	Seen After 62 Days	Treated Within 62 Days	Total Seen	Seen After 62 Days	Treated Within 62 Days
Barnsley	166	20	88%	152	20	87%	166	23	86%	147	9	94%
Bassetlaw	66	14	79%	52	4	92%	73	15	79%	68	12	82%
Doncaster	171	31	82%	156	35	78%	208	38	82%	180	44	76%
Hardwick	69	13	81%	83	23	72%	67	15	78%	91	32	65%
North Derbyshire	245	52	79%	261	62	76%	204	44	78%	223	44	80%
Rotherham	178	35	80%	159	30	81%	198	34	83%	192	31	84%
Sheffield	382	54	86%	364	54	85%	360	52	86%	361	56	84%

Above operational standards
Below operational standards

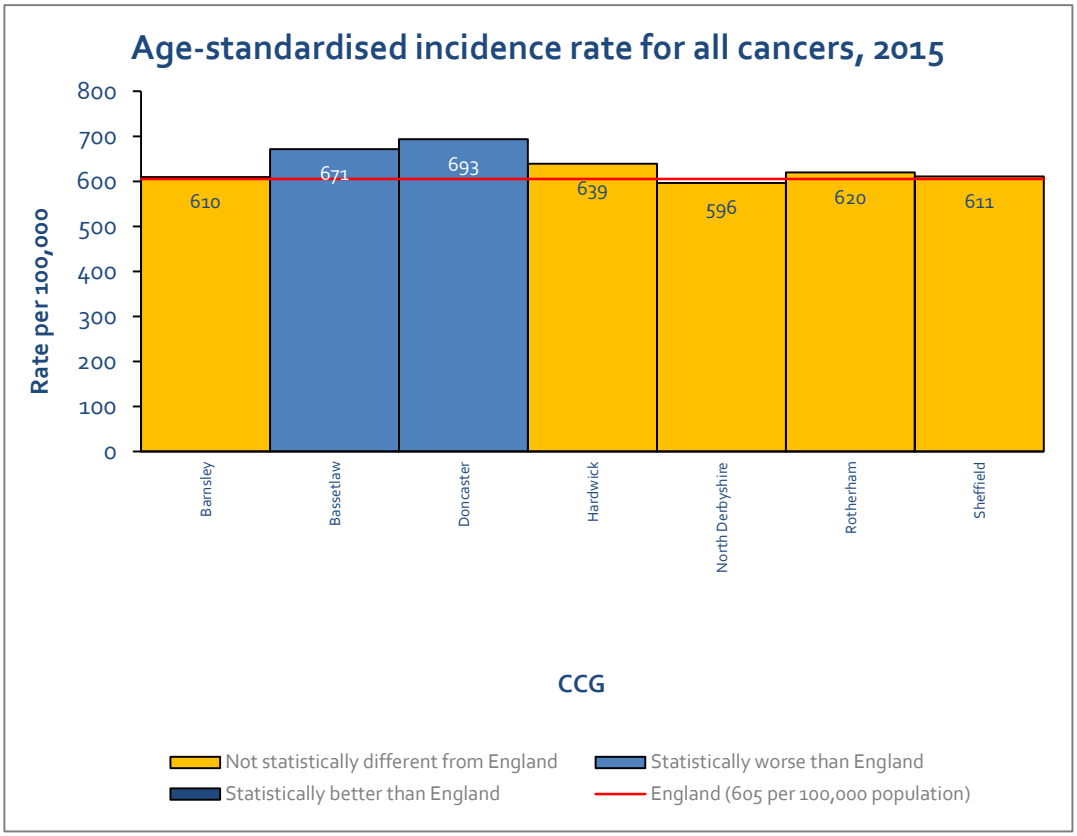
Cancer waiting times: two-week wait



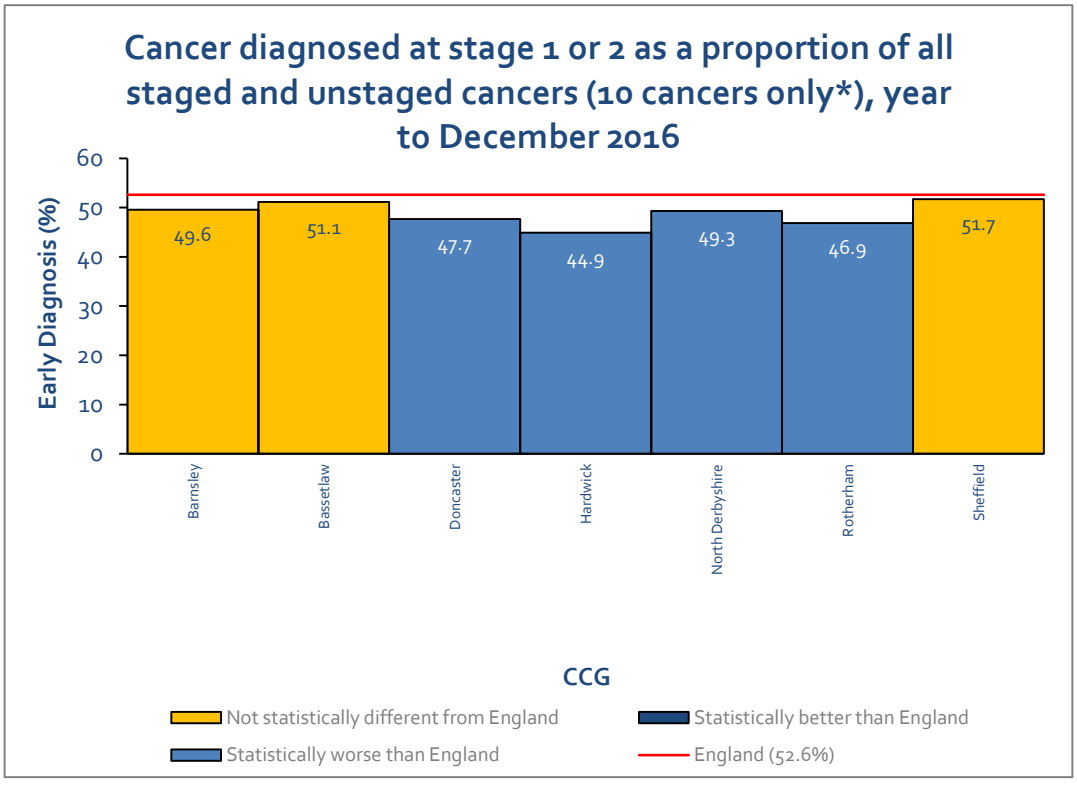
Cancer waiting times: 62-day standard



Cancer incidence

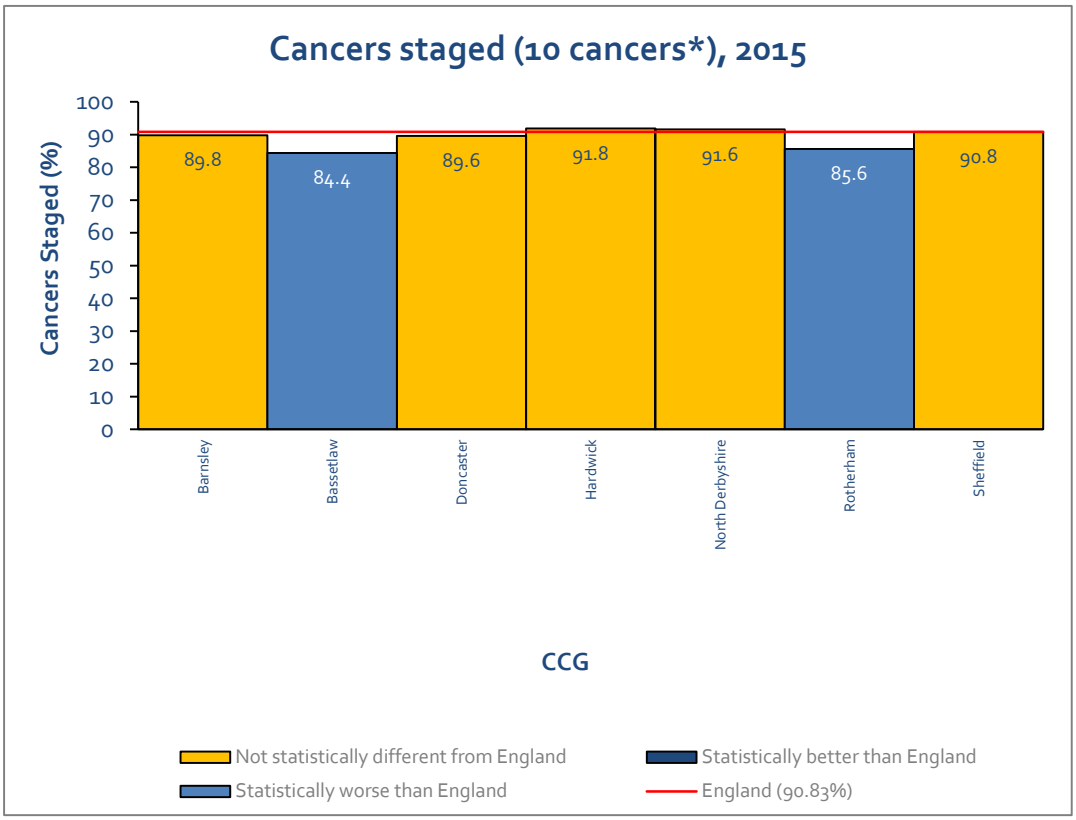


Early diagnosis



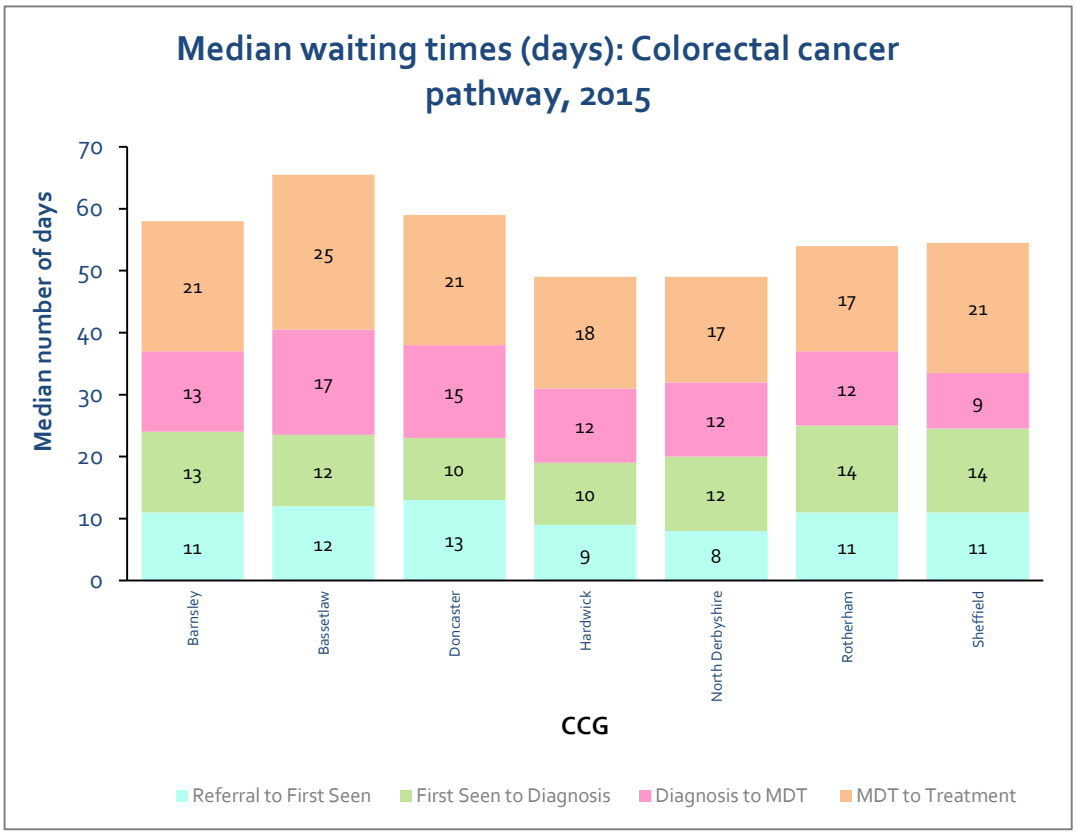
* *Invasive malignancies of breast, prostate, colorectal, lung, bladder, kidney, ovary and uterus, non-Hodgkin lymphomas, and melanomas of skin*

Cancers staged

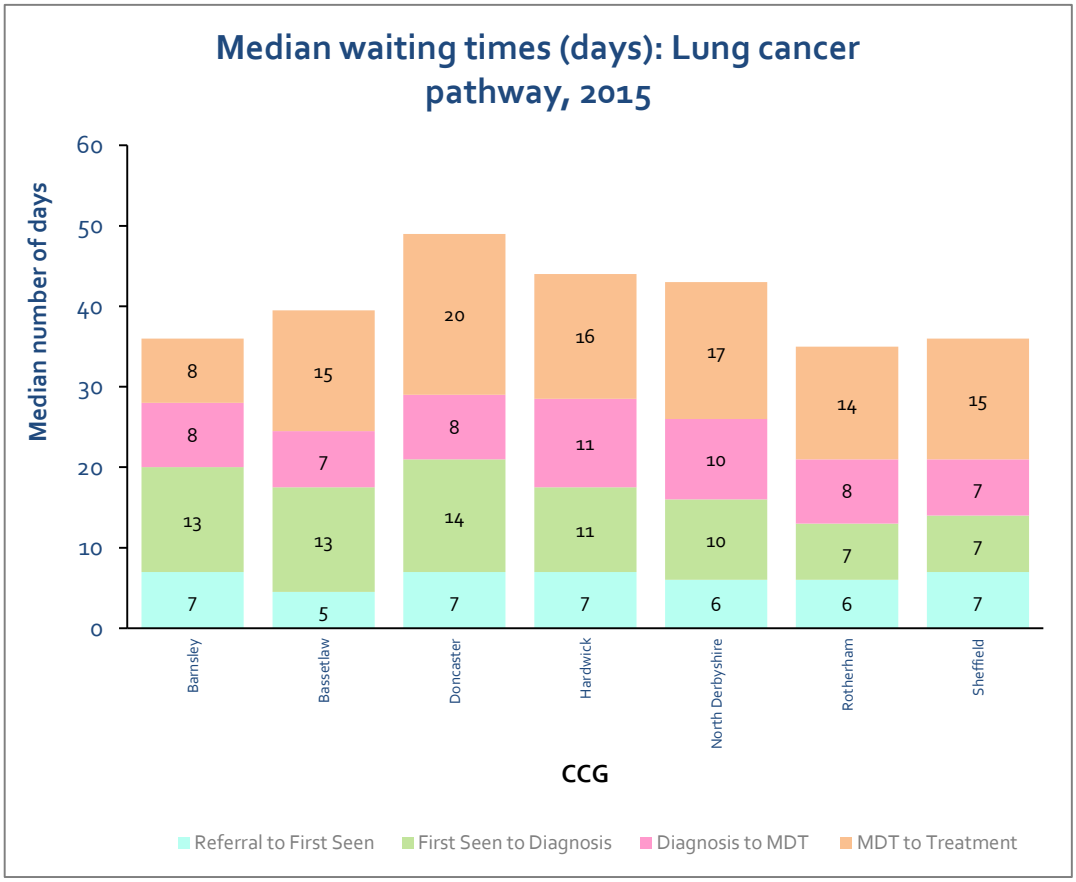


* *Invasive malignancies of breast, prostate, colorectal, lung, bladder, kidney, ovary and uterus, non-Hodgkin lymphomas, and melanomas of skin*

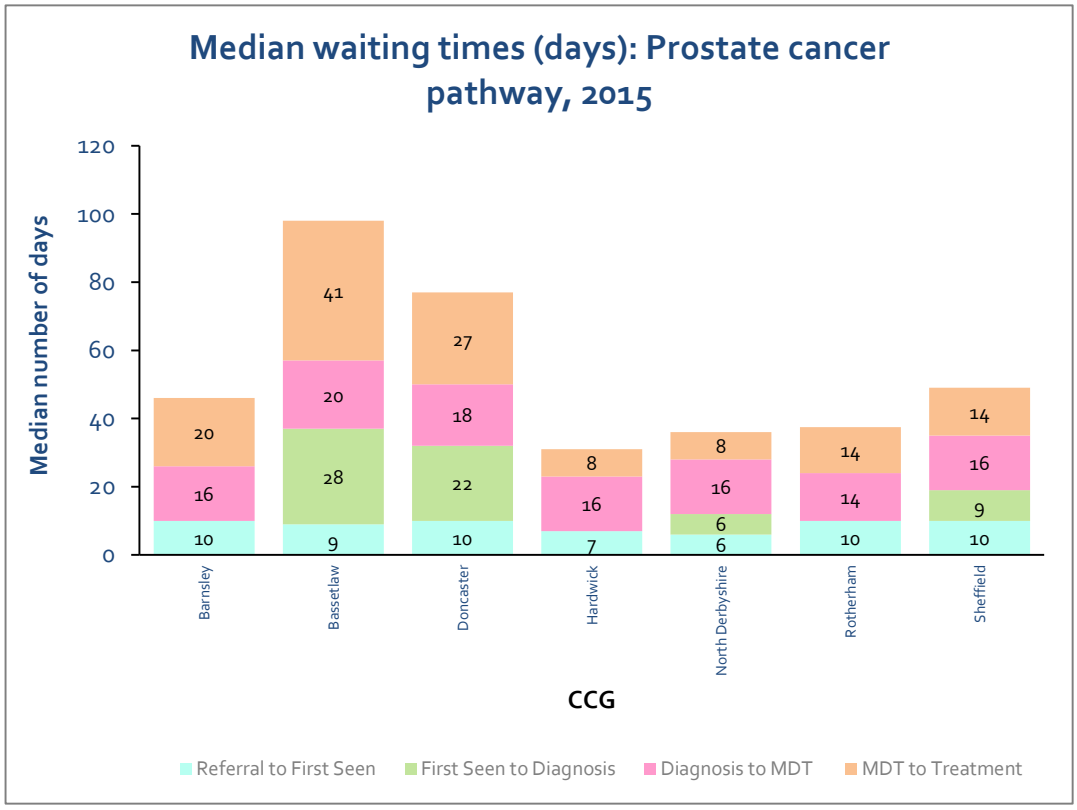
Median waiting times: Colorectal cancer pathway



Median waiting times: Lung cancer pathway



Median waiting times: Prostate cancer pathway



8. Annex: Data sources

Indicator	Year	Source
Cancer outcomes		
One-year cancer survival	Patients followed up in 2016	https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/indexofcancersurvivalforclinicalcommissioninggroupsinengland/adultsdiagnosed2000to2015andfollowedupto2016/relateddata Benchmark: England
Under-75 mortality age-standardised rate	2015	Extracted from CancerStats Benchmark: England
Prevalence	21 year prevalence 1995-2015 patients who are alive on the 31st December 2015	http://www.ncin.org.uk/view?rid=3579
Patients overall rating of cancer care (case-mix adjusted)	2016	National Cancer Patient Experience Survey http://www.ncpes.co.uk/ Benchmark: Expected values
Cancer pathway		
Screening uptake and coverage	2016/17	Confidence interval based on Wilson method https://fingertips.phe.org.uk/profile/cancerservices Benchmark: England
Two-week waiting time standard	Quarterly Q3 2016/17 to Q2 2017/18; Year to Q2 2017/18	https://www.england.nhs.uk/statistics/statistical-work-areas/cancer-waiting-times/ Benchmark: Operational Standard
62-day waiting time standard	Quarterly Q3 2016/17 to Q2 2017/18; Year to Q2 2017/18	https://www.england.nhs.uk/statistics/statistical-work-areas/cancer-waiting-times/ Benchmark: Operational Standard
Cancers diagnosed through emergency presentation	Year to Q1 2017	Confidence interval based on Wilson method http://www.ncin.org.uk/view?rid=3580 Benchmark: England
Routes to diagnosis (all malignant neoplasms)	2015	https://www.cancerdata.nhs.uk/routestodiagnosis Benchmark: England
Incidence rate	2015	Extracted from CancerStats Benchmark: England
Cancers diagnosed at stage 1 & 2 (note this is based on the CCGIAF definition and includes data for 10 tumours only)	Year to Q3 2016	Confidence interval based on Wilson method http://www.ncin.org.uk/view?rid=3605 Benchmark: England
Cancers staged	2015	Confidence interval based on Wilson method. Extracted from CAS Benchmark: England
Pathways (median times)	2015	NCRAS analysis using CAS data, based on TSCT-NCRAS work, using the CWT field REFERRAL_DATE: http://www.ncin.org.uk/view?rid=3544