Public Health England

NHS England

Greater Manchester

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 Greater Manchester Cancer Alliance

The Greater Manchester Cancer Alliance was formerly part of the National Cancer Vanguard. The latest data on some key cancer indicators suggest the standard of cancer care in the Alliance was generally above the England levels. However, there was variation across CCGs within the Alliance.

Please note that for this Alliance there have been changes in the number of CCGs, which affects different data collected at different times.

Screening: No CCG had uptake and coverage for all cancer screening which was above the England average. Wigan Borough CCG had the most screening indicators above average; coverage of breast screening was below average and coverage of bowel screening to age 75 was in line with the England average. Central Manchester, Salford, and South Manchester CCGs all reported lower than England levels for all screening indicators.

Emergency presentations: There was a higher than average proportion of diagnoses as emergency presentations in five CCGs: Central Manchester; North Manchester; South Manchester; Salford; and Tameside and Glossop CCGs. No CCGs in the Alliance had statistically better than average proportions of diagnoses as emergency presentations.

Cancer waiting times: Four CCGs failed to meet the two-week wait standard (in the year to Q2 2017/18): Bury; Heywood, Middleton and Rochdale; Manchester and Oldham CCGs. Six CCGs met the 62-day standard in the same time period; seven failed to meet it.

Early diagnosis: In four CCGs the proportion of diagnoses which were made at an early stage was higher than the England average: Bolton; Bury; Stockport; and Wigan Borough CCGs.

Incidence: Age-standardised incidence rates were statistically the same or higher than England levels for all CCGs.

Survival: Overall, the outcomes of cancer were worse than average. In seven CCGs one-year survival was statistically lower than the England average; it was above average in Stockport and Trafford CCGs.

Mortality: Under-75 cancer mortality was worse than average in five CCGs, and in line with average in the other five CCGs.

Patient experience: Patient reported experience of care was in line with the England level; except in Bolton CCG where it was statistically better, and Heywood, Middleton and Rochdale CCG where it was worse.

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.

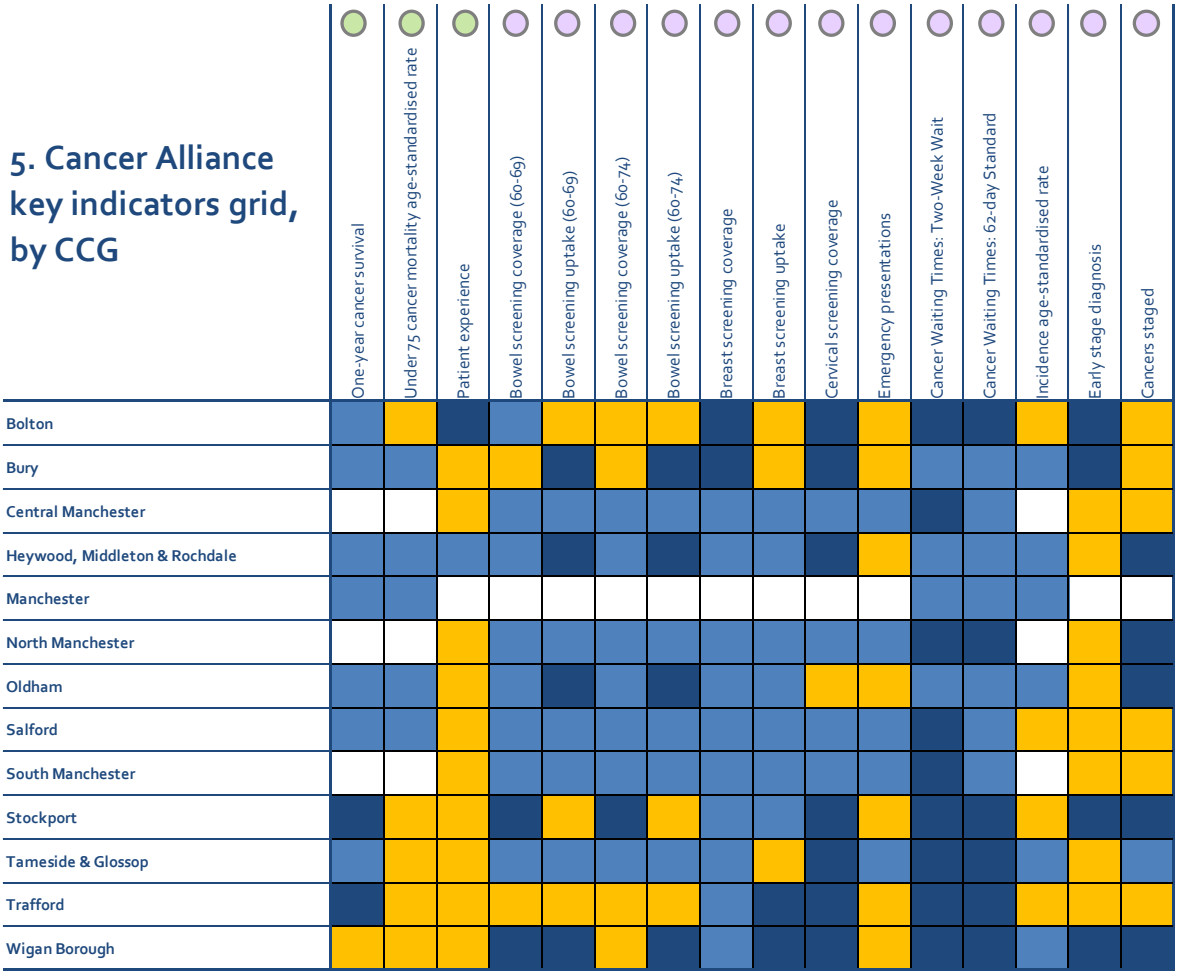
Information on data sources can be found in the Annex.

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
Bolton	71	153	9.0	57	57	59	59	74	71	73	21	98	93	593	58	92
Bury	71	163	8.6	58	60	59	62	74	73	74	18	92	81	656	58	93
Central Manchester			8.8	43	42	44	43	59	55	62	26	94	81		49	93
Heywood, Middleton & Rochdale	71	162	8.5	56	58	57	60	69	70	73	21	92	81	647	52	93
Manchester	70	188										93	80	720		
North Manchester			8.5	46	49	47	50	60	60	66	25	95	86		50	94
Oldham	69	170	8.6	56	59	58	61	70	67	72	22	92	80	697	54	95
Salford	71	172	8.9	54	54	56	56	65	63	68	25	95	84	627	52	90
South Manchester			8.9	47	47	48	49	64	65	67	23	96	83		51	93
Stockport	74	141	8.9	58	57	60	59	70	69	76	18	98	89	588	57	93
Tameside & Glossop	71	154	8.8	56	56	57	58	69	72	73	22	96	89	654	54	86
Trafford	75	126	8.7	57	57	59	59	72	74	76	21	95	86	625	56	92
Wigan Borough	72	148	8.9	58	59	60	61	72	74	75	18	97	91	640	56	95

Statistically better than England

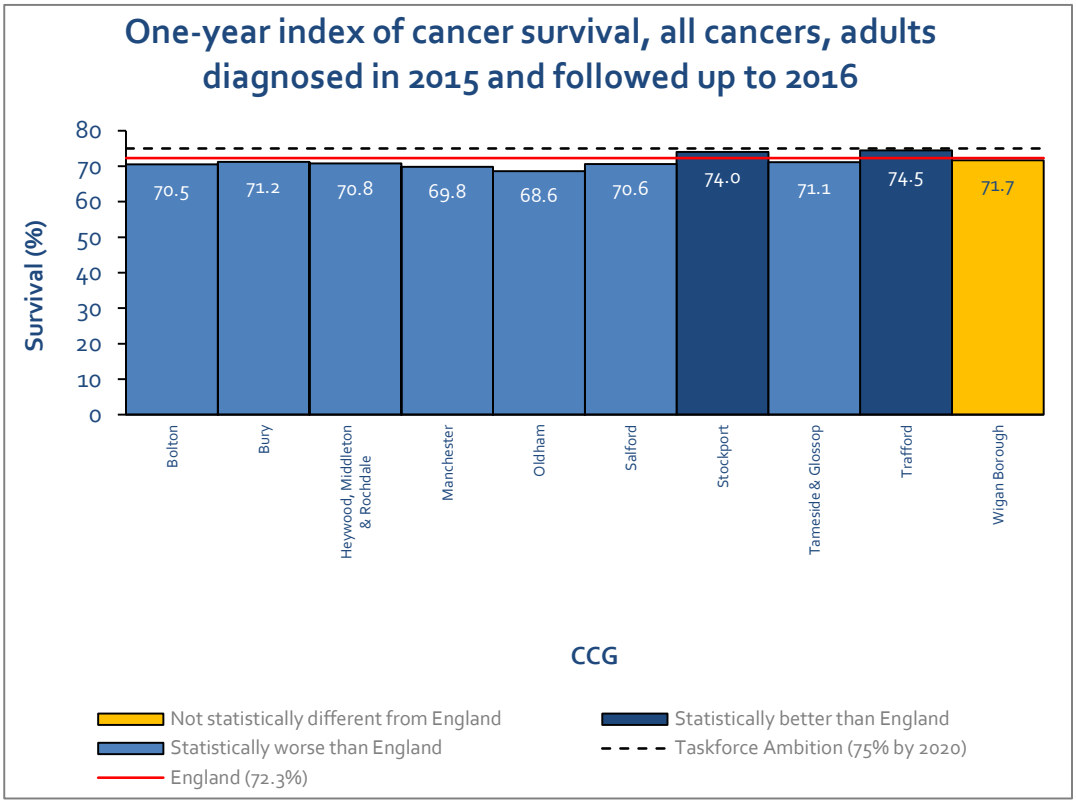
Not statistically different from England

Statistically worse than England

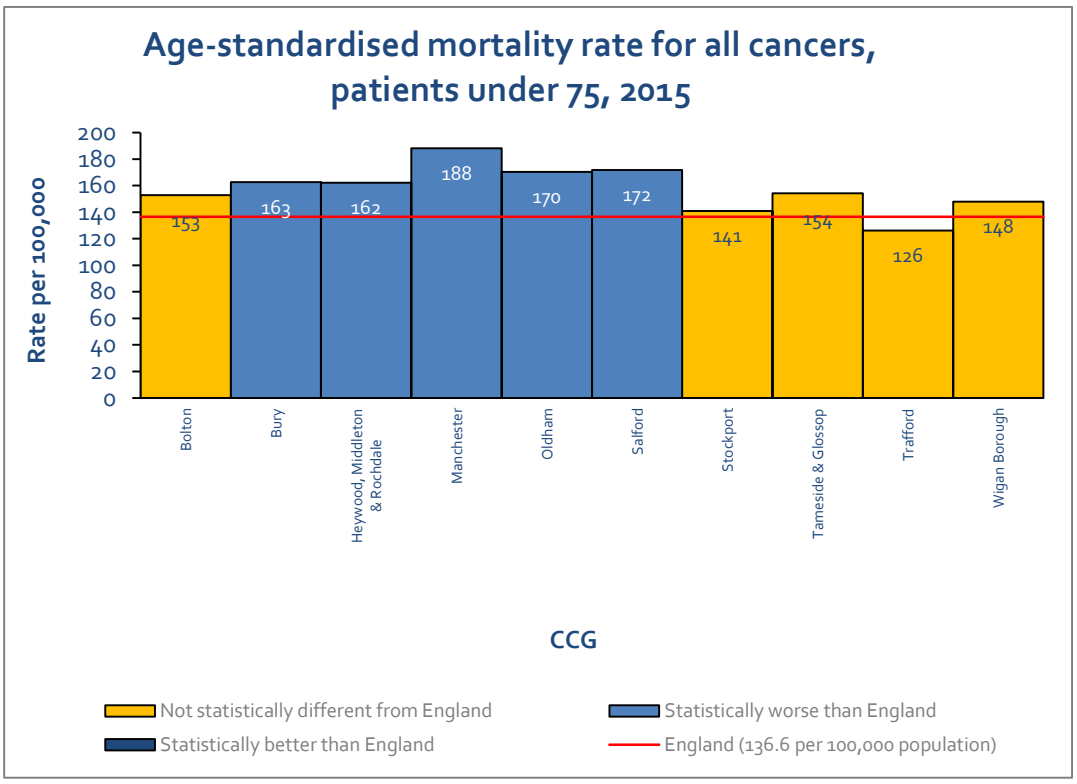
Excludes routes to diagnosis, prevalence and pathway median waiting times. This is due to the volume of data in these three areas. Please see data in rest of data pack

7. Alliance indicators by CCG

Cancer survival



Cancer mortality



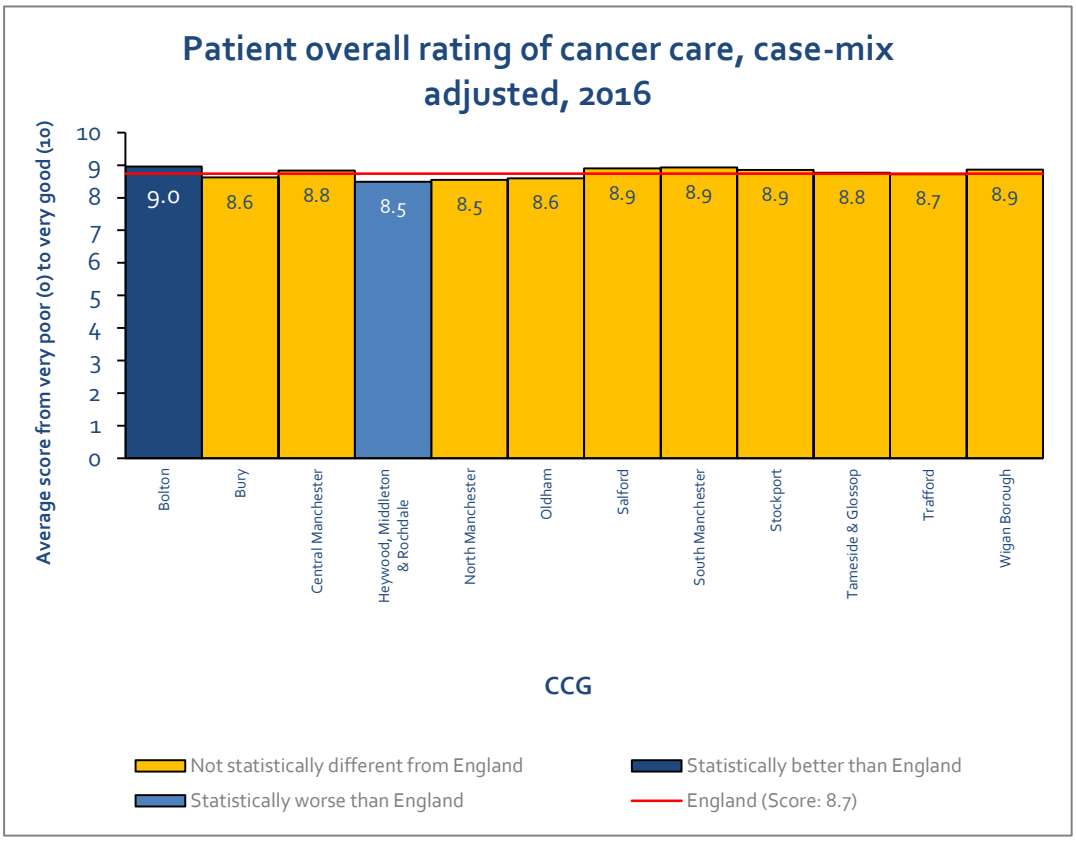
Cancer prevalence

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

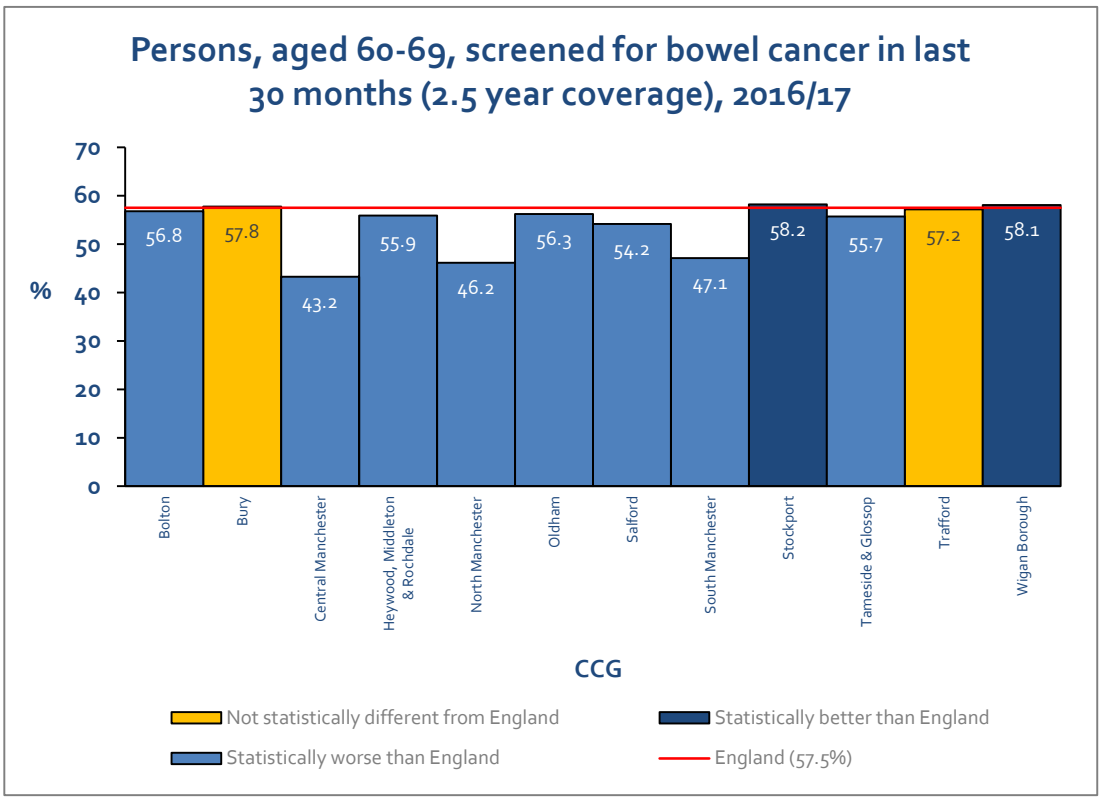
Number of cases and crude rates are in year bands representing time since diagnosis

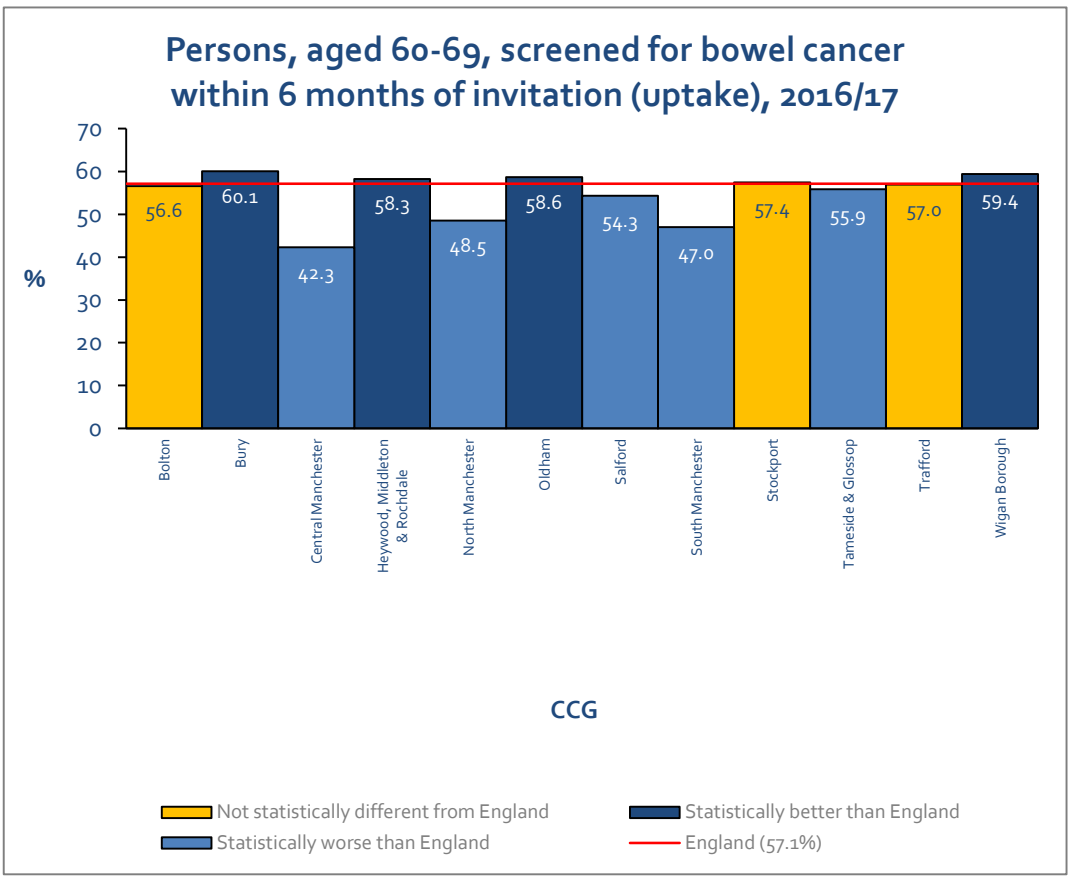
CCG	Cases						Crude Rates per 100,000 (cases / total population in 2015)					
	< 1 yr	1 yrs - < 2 yrs	2 yrs - < 5 yrs	5 yrs - < 10 yrs	10 yrs - < 15 yrs	15 yrs - < 21 yrs	< 1 yr	1 yrs - < 2 yrs	2 yrs - < 5 yrs	5 yrs - < 10 yrs	10 yrs - < 15 yrs	15 yrs - < 21 yrs
Bolton	974	793	1,988	2,347	1,411	1,116	346	282	706	833	501	396
Bury	728	644	1,466	1,828	1,055	794	387	343	780	973	562	423
Heywood, Middleton & Rochdal	791	653	1,498	1,770	1,141	747	369	305	699	826	533	349
Manchester	1,417	1,054	2,652	3,117	1,924	1,369	267	199	500	588	363	258
Oldham	899	650	1,574	1,897	1,169	799	389	282	682	822	506	346
Salford	783	695	1,641	2,074	1,096	868	319	283	668	844	446	353
Stockport	1,132	1,002	2,412	2,867	1,845	1,412	392	347	835	993	639	489
Tameside & Glossop	1,011	776	1,923	2,285	1,391	1,064	397	304	755	897	546	417
Trafford	921	723	1,771	2,275	1,421	1,065	395	310	759	975	609	457
Wigan Borough	1,332	1,051	2,409	2,903	1,663	1,070	414	326	748	901	516	332

Cancer patient experience

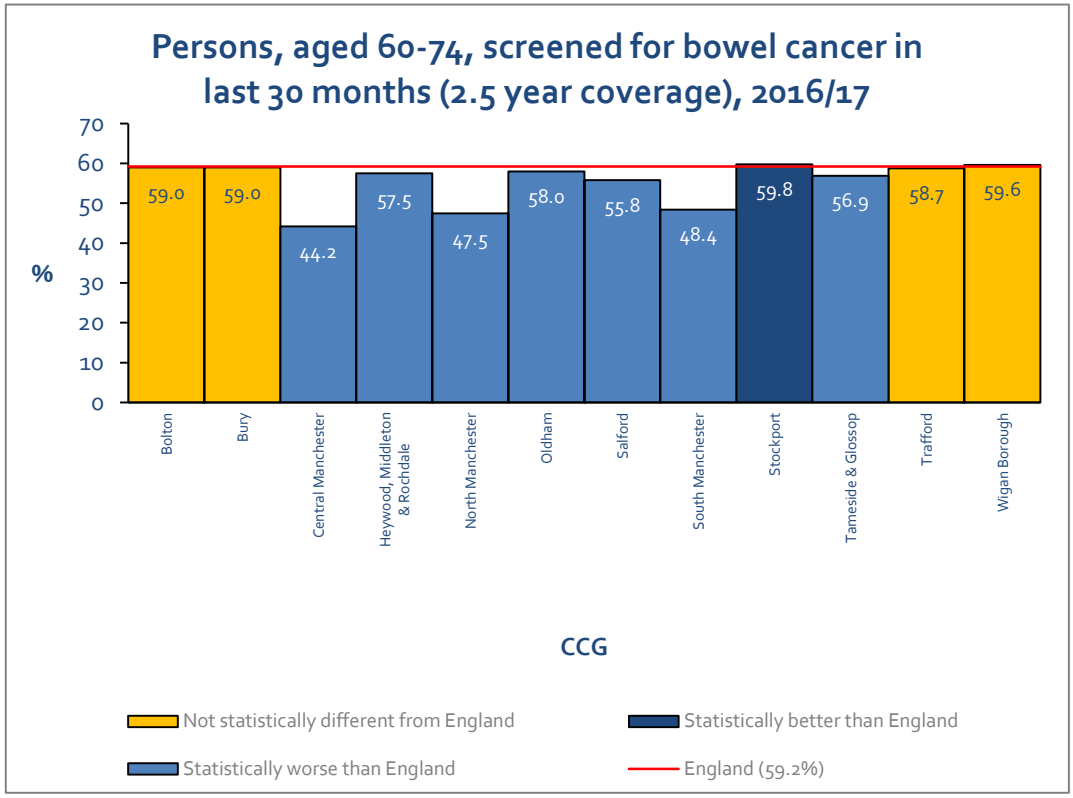


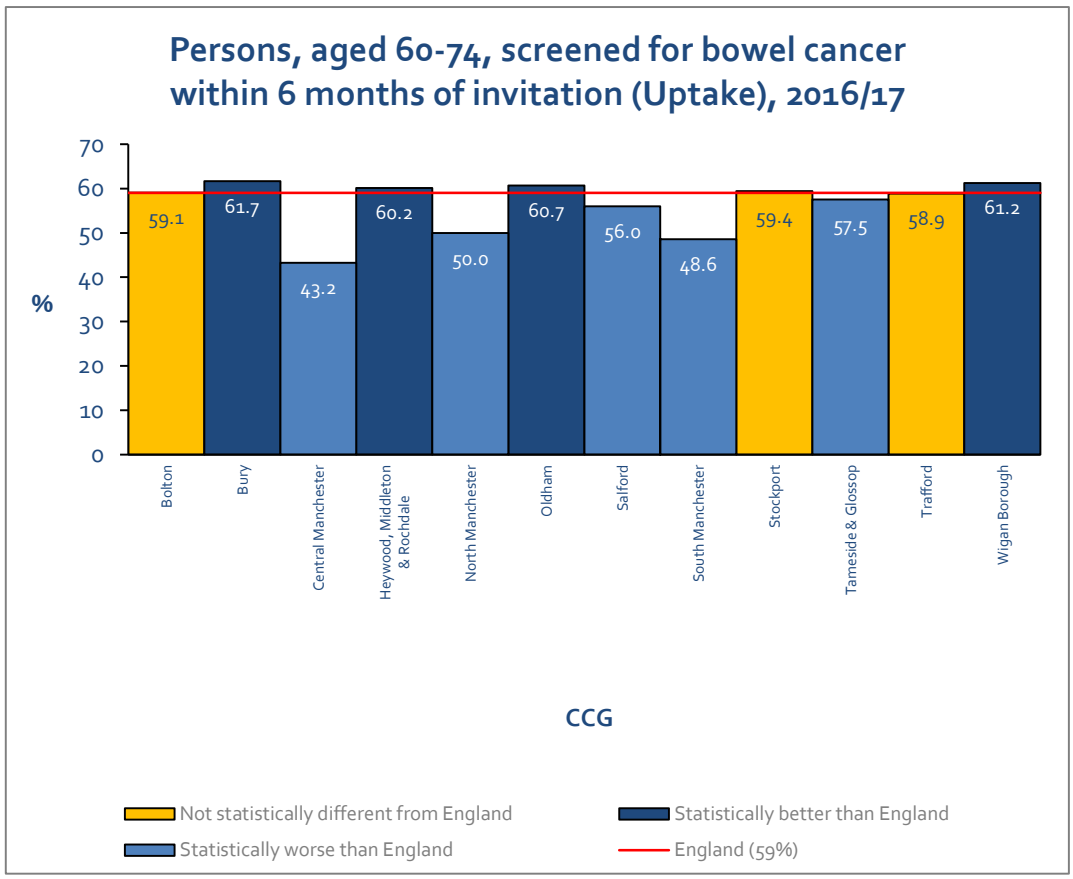
Bowel cancer screening, ages 60-69



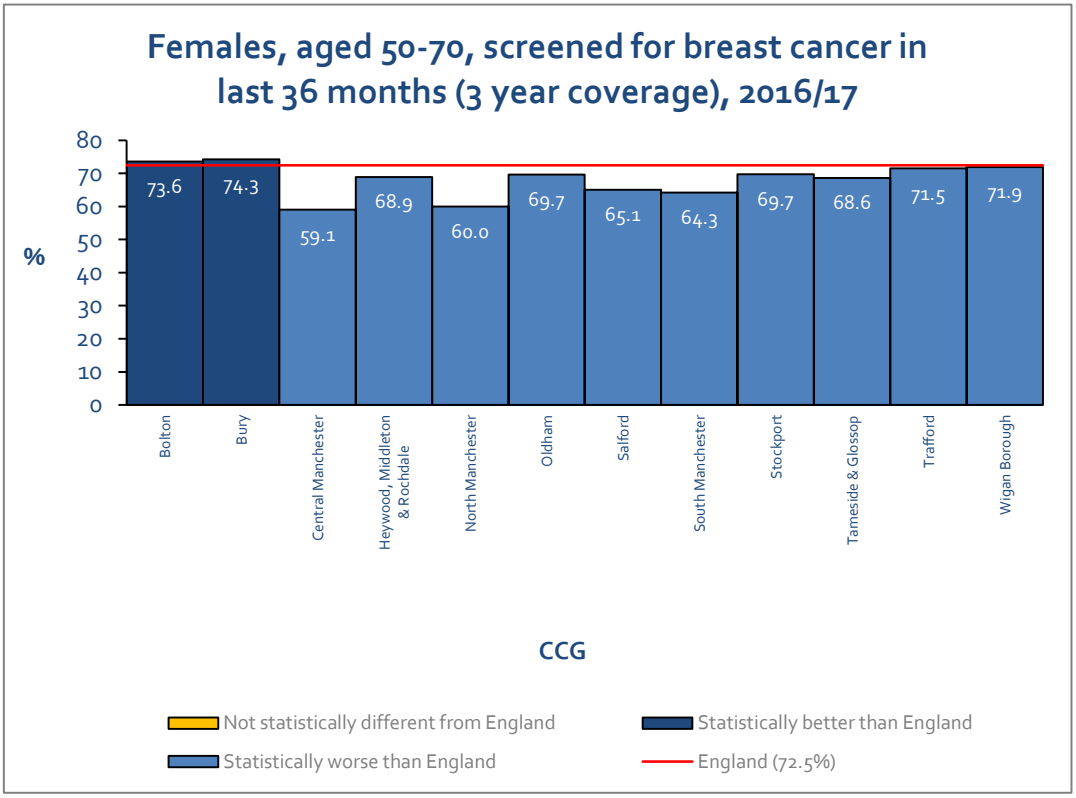


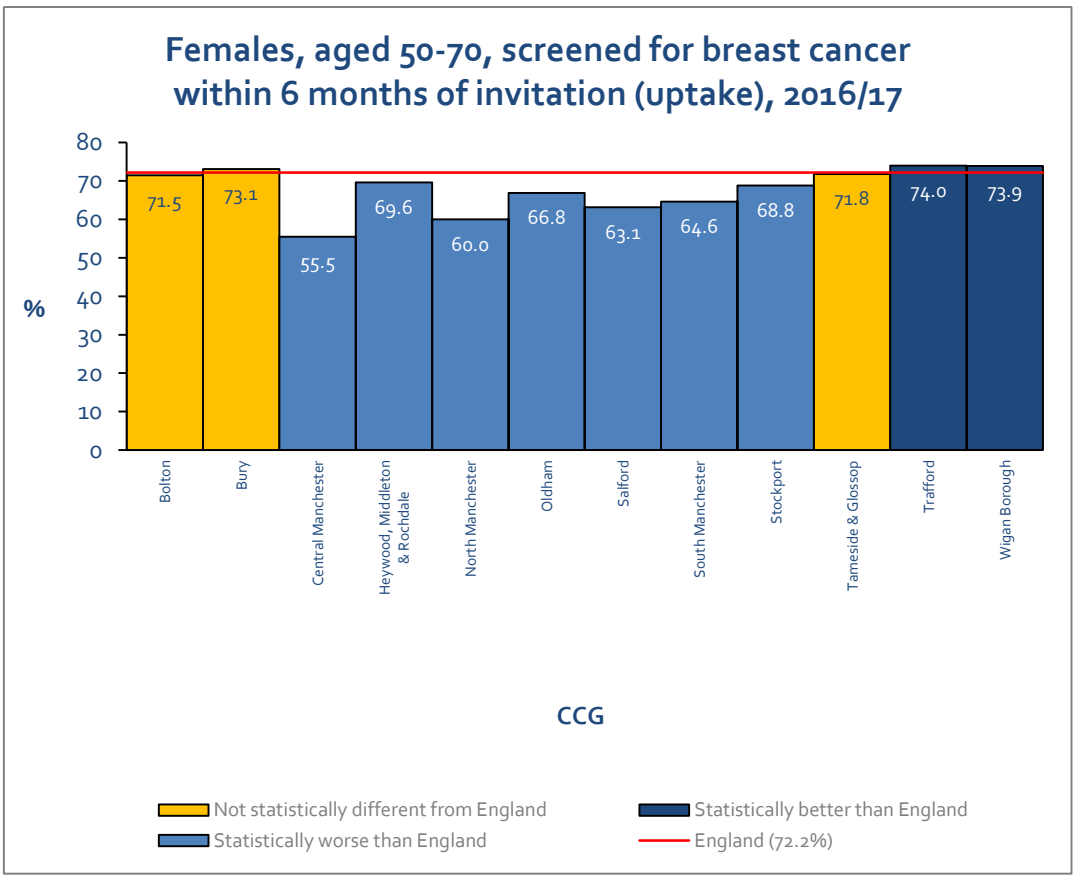
Bowel cancer screening, ages 60-74



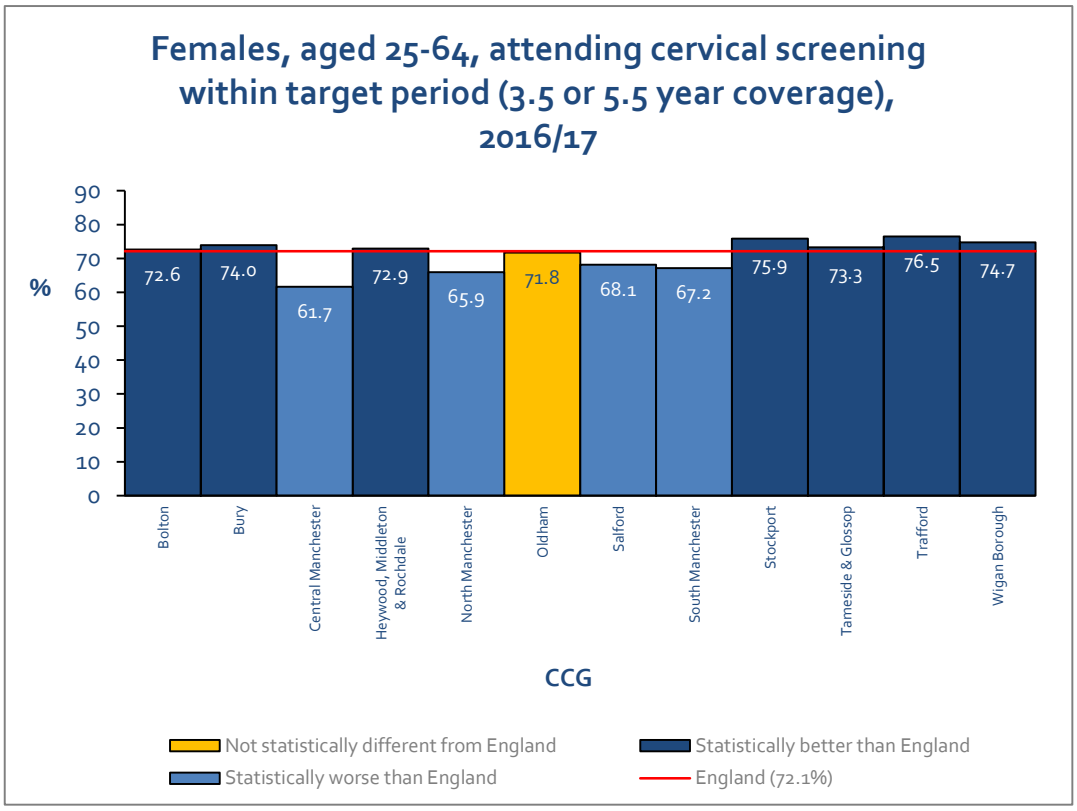


Breast cancer screening

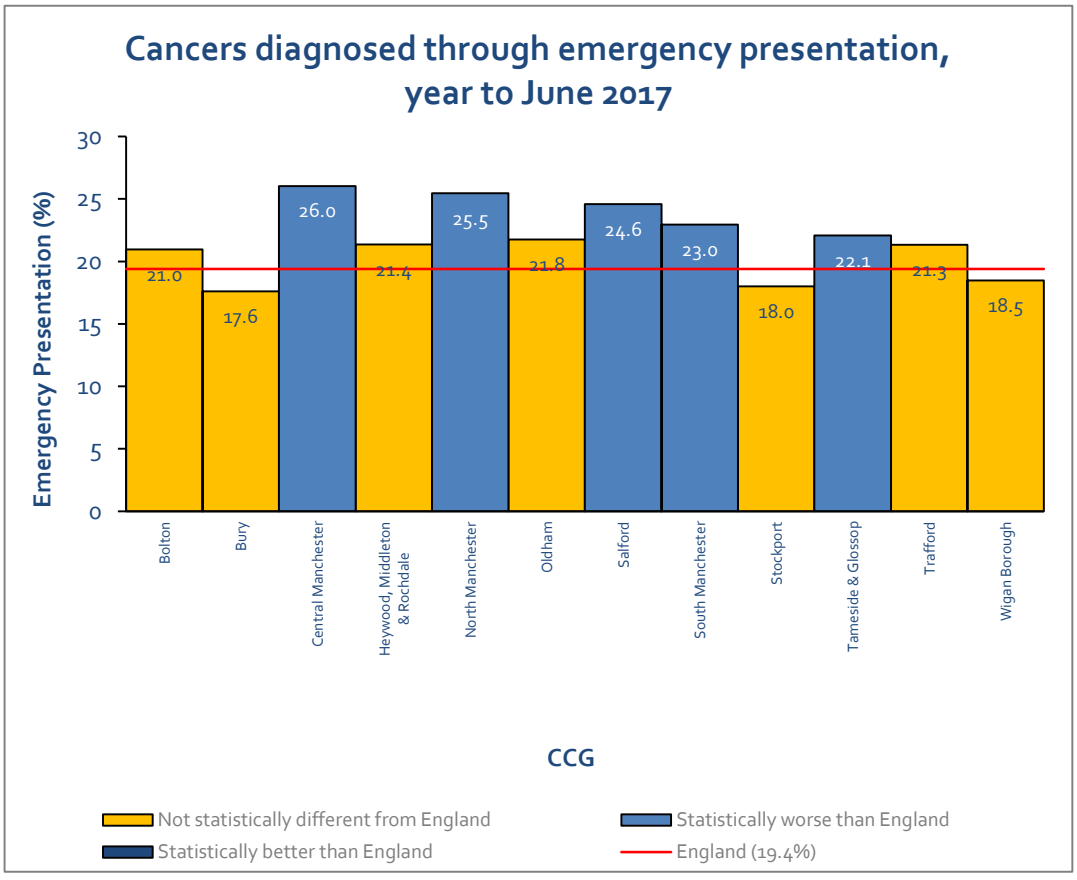




Cervical cancer screening



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
Bolton	31%	59%	4%	6%	1,970
Bury	30%	57%	6%	7%	1,419
Heywood, Middleton & Rochdale	31%	57%	5%	7%	1,551
Manchester	25%	65%	5%	5%	2,696
Oldham	29%	60%	5%	6%	1,611
Salford	29%	61%	5%	5%	1,689
Stockport	23%	62%	5%	10%	2,415
Tameside & Glossop	28%	60%	5%	6%	2,017
Trafford	29%	58%	4%	9%	1,860
Wigan Borough	29%	61%	5%	5%	2,412

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

CCG	Screen Detected	Managed	Emergency Presentation	Other	Number of Cases
Bolton	8%	50%	25%	17%	1663
Bury	7%	55%	22%	16%	1241
Heywood, Middleton & Rochdale	8%	53%	24%	15%	1146
Manchester	5%	50%	30%	15%	2213
Oldham	6%	53%	26%	15%	1305
Salford	7%	53%	29%	11%	1458
Stockport	5%	54%	25%	16%	2064
Tameside & Glossop	6%	56%	23%	15%	1686
Trafford	4%	53%	26%	17%	1447
Wigan Borough	9%	51%	26%	14%	2103

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
Bolton	48%	32%	20%	2,124
Bury	52%	34%	15%	1,563
Heywood, Middleton & Rochdale	51%	34%	15%	1,747
Manchester	47%	39%	14%	3,797
Oldham	50%	36%	14%	1,956
Salford	46%	42%	12%	2,275
Stockport	34%	37%	29%	2,243
Tameside & Glossop	48%	37%	15%	2,254
Trafford	51%	32%	17%	1,722
Wigan Borough	40%	42%	18%	2,732

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

CCG	Managed	Emergency Presentation	Other	Number of Cases
Bolton	75%	9%	16%	1,564
Bury	76%	9%	15%	1,385
Heywood, Middleton & Rochdale	77%	9%	14%	1,411
Manchester	75%	13%	12%	1,897
Oldham	77%	9%	14%	1,507
Salford	78%	12%	10%	1,290
Stockport	74%	11%	15%	1,972
Tameside & Glossop	76%	10%	14%	1,485
Trafford	74%	7%	19%	1,500
Wigan Borough	75%	11%	14%	2,154

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
Bolton	1,995	26	99%	2,031	25	99%	1,981	49	98%	2,154	55	97%
Bury	1,684	66	96%	1,809	145	92%	1,782	129	93%	1,864	225	88%
Central Manchester	1,302	75	94%									
Heywood, Middleton& Rochdale	1,845	68	96%	1,957	126	94%	1,991	148	93%	2,051	279	86%
Manchester				4,051	267	93%	4,241	261	94%	4,360	359	92%
North Manchester	1,296	61	95%									
Oldham	2,058	100	95%	2,081	144	93%	2,026	158	92%	2,195	284	87%
Salford	1,864	76	96%	1,861	110	94%	1,991	102	95%	2,039	83	96%
South Manchester	1,362	54	96%									
Stockport	2,627	72	97%	2,566	64	98%	2,606	68	97%	2,856	54	98%
Tameside & Glossop	2,309	61	97%	2,193	108	95%	2,164	109	95%	2,356	101	96%
Trafford	2,019	115	94%	1,982	80	96%	2,212	130	94%	2,303	132	94%
Wigan Borough	2,426	51	98%	2,375	54	98%	2,525	76	97%	2,584	97	96%

Above operational standards
Below operational standards

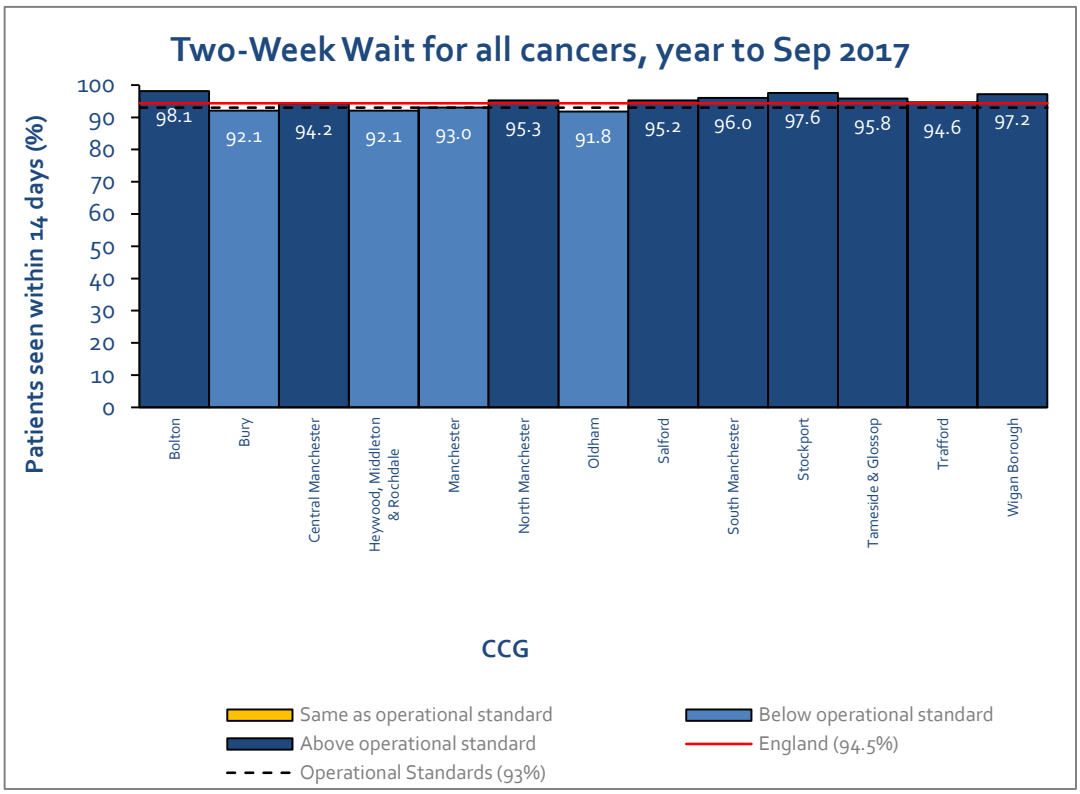
Cancer waiting times: 62-day standard

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

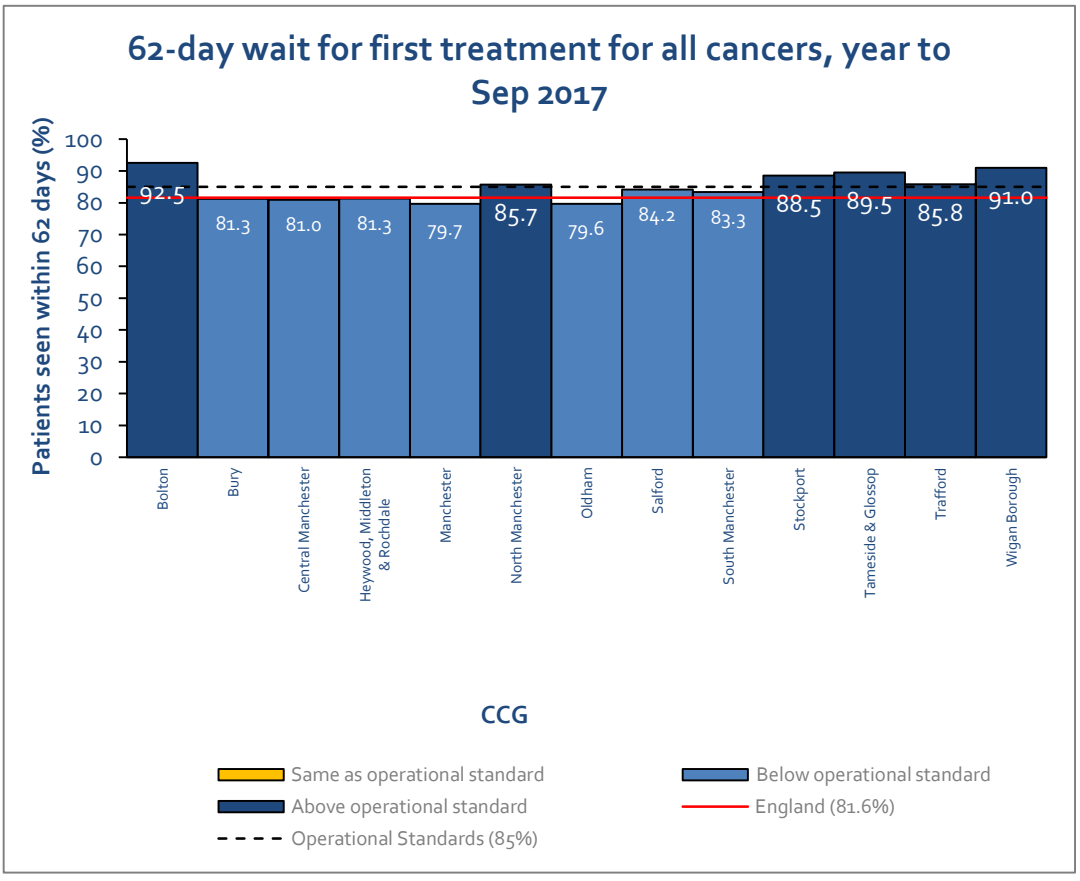
CCG	Q3: Oct-Dec 2016/17			Q4: Jan-Mar 2016/17			Q1: Apr-Jun 2017/18			Q2: Jul-Sep 2017/18		
	Total Seen	Seen After 62 Days	Treated Within 62 Days	Total Seen	Seen After 62 Days	Treated Within 62 Days	Total Seen	Seen After 62 Days	Treated Within 62 Days	Total Seen	Seen After 62 Days	Treated Within 62 Days
Bolton	180	11	94%	166	7	96%	167	16	90%	170	17	90%
Bury	123	19	85%	125	23	82%	124	23	81%	135	30	78%
Central Manchester	84	16	81%									
Heywood, Middleton& Rochdale	135	20	85%	141	30	79%	153	35	77%	134	20	85%
Manchester				219	46	79%	221	47	79%	235	44	81%
North Manchester	77	11	86%									
Oldham	142	23	84%	136	31	77%	116	27	77%	126	25	80%
Salford	127	16	87%	128	24	81%	136	22	84%	158	25	84%
South Manchester	78	13	83%									
Stockport	187	20	89%	206	20	90%	162	26	84%	202	21	90%
Tameside & Glossop	154	15	90%	145	19	87%	154	13	92%	136	15	89%
Trafford	152	23	85%	145	16	89%	144	22	85%	158	24	85%
Wigan Borough	177	24	86%	181	13	93%	207	18	91%	181	12	93%

Above operational standards
Below operational standards

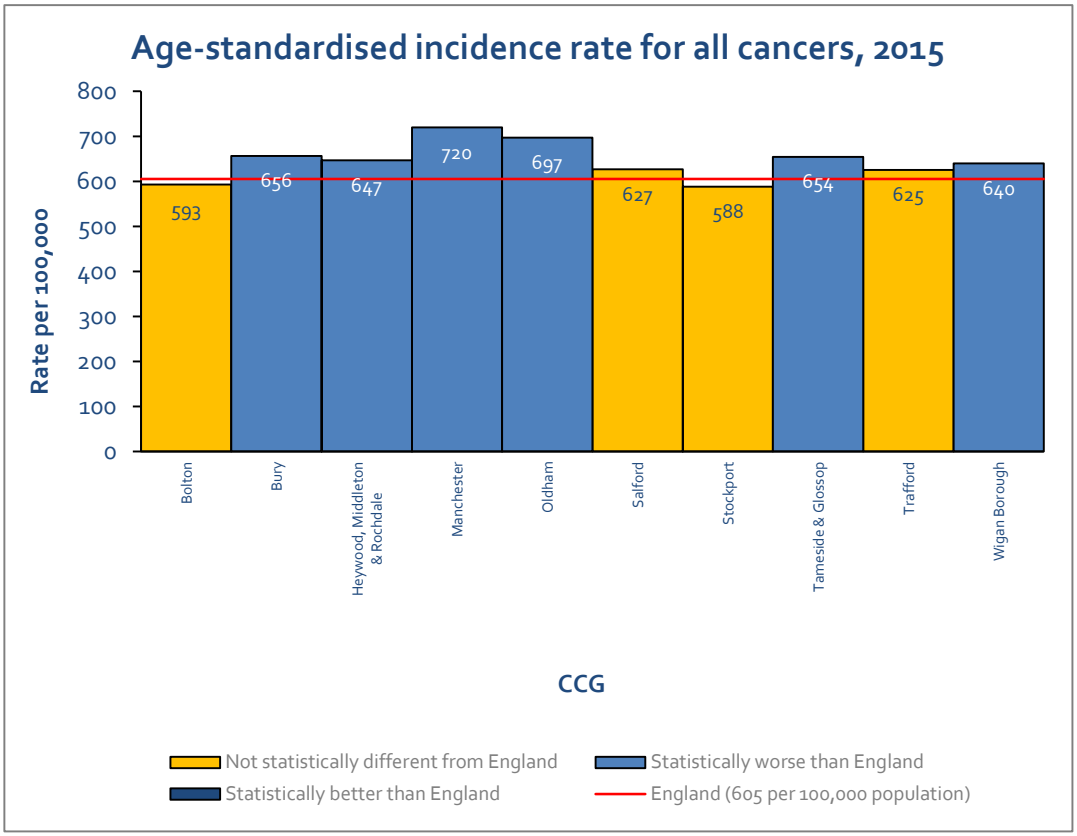
Cancer waiting times: two-week wait



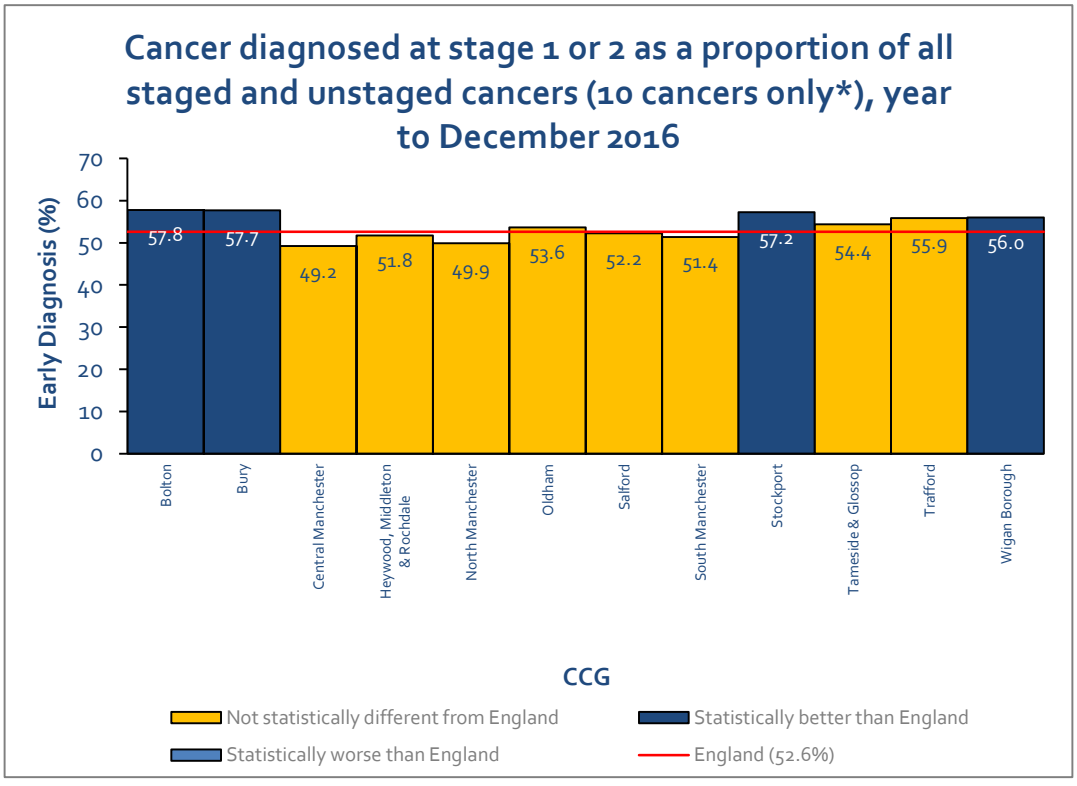
Cancer waiting times: 62-day standard



Cancer incidence

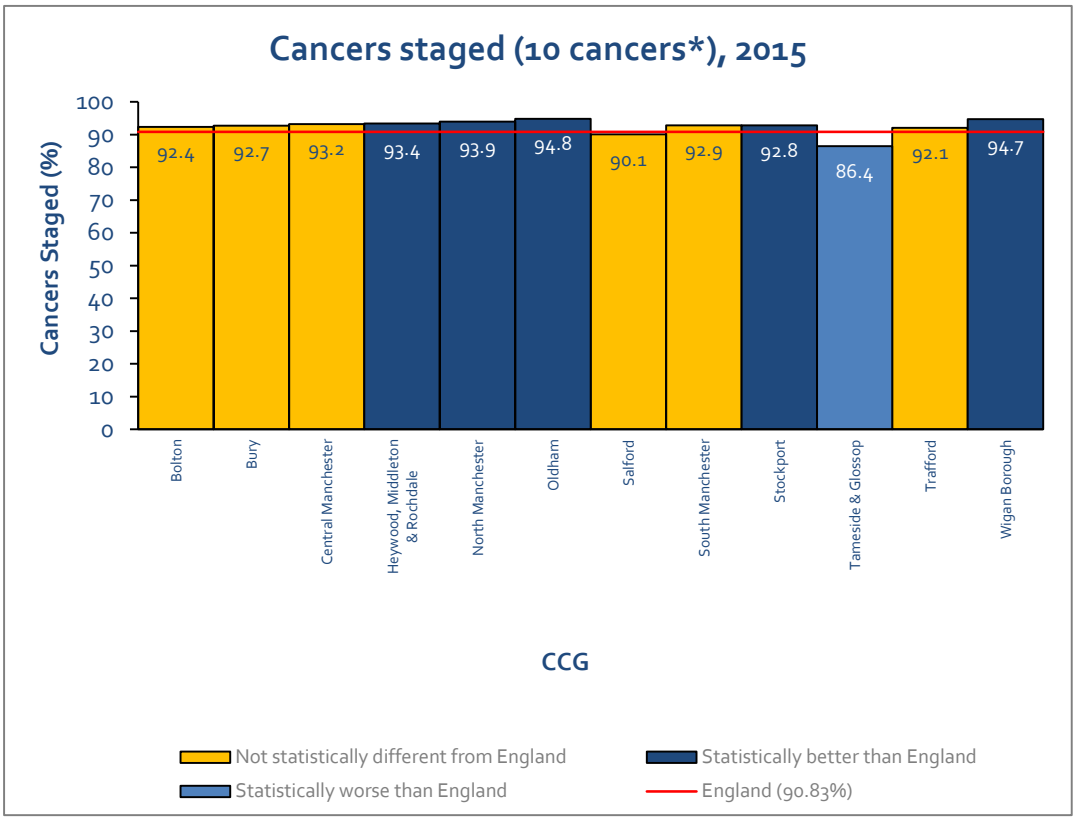


Early diagnosis



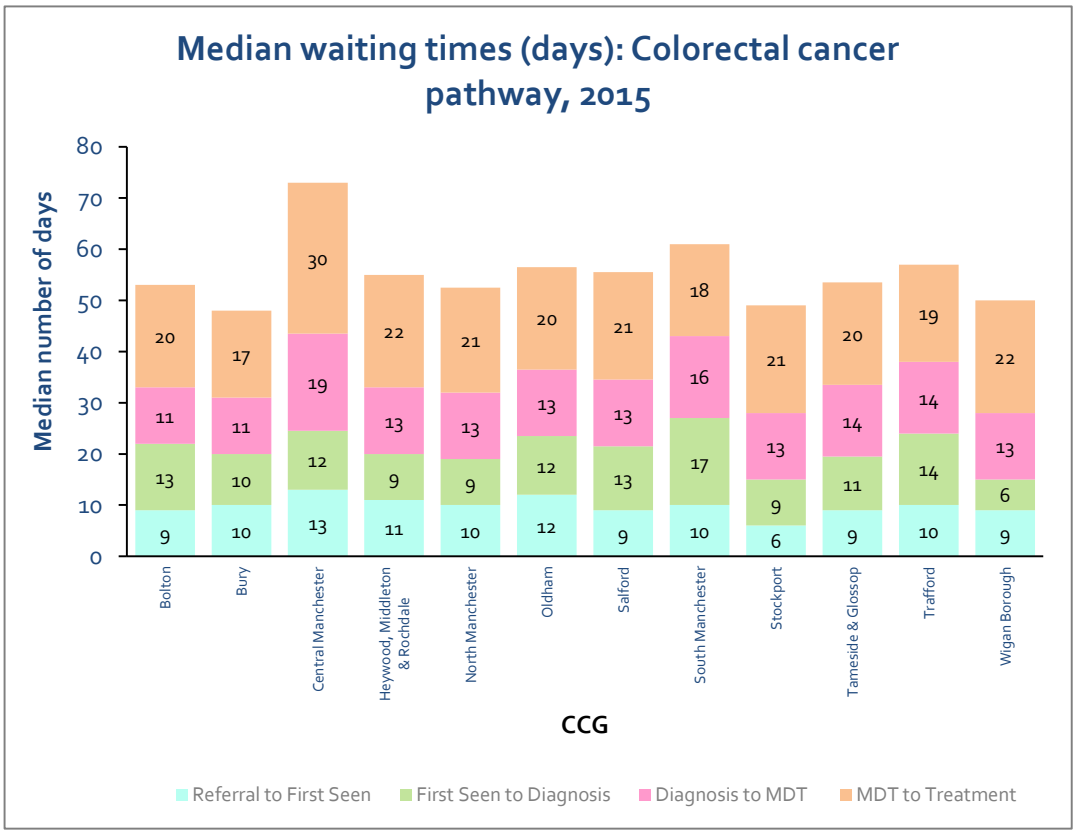
* *Invasive malignancies of breast, prostate, colorectal, lung, bladder, kidney, ovary and uterus, non-Hodgkin lymphomas, and melanomas of skin*

Cancers staged

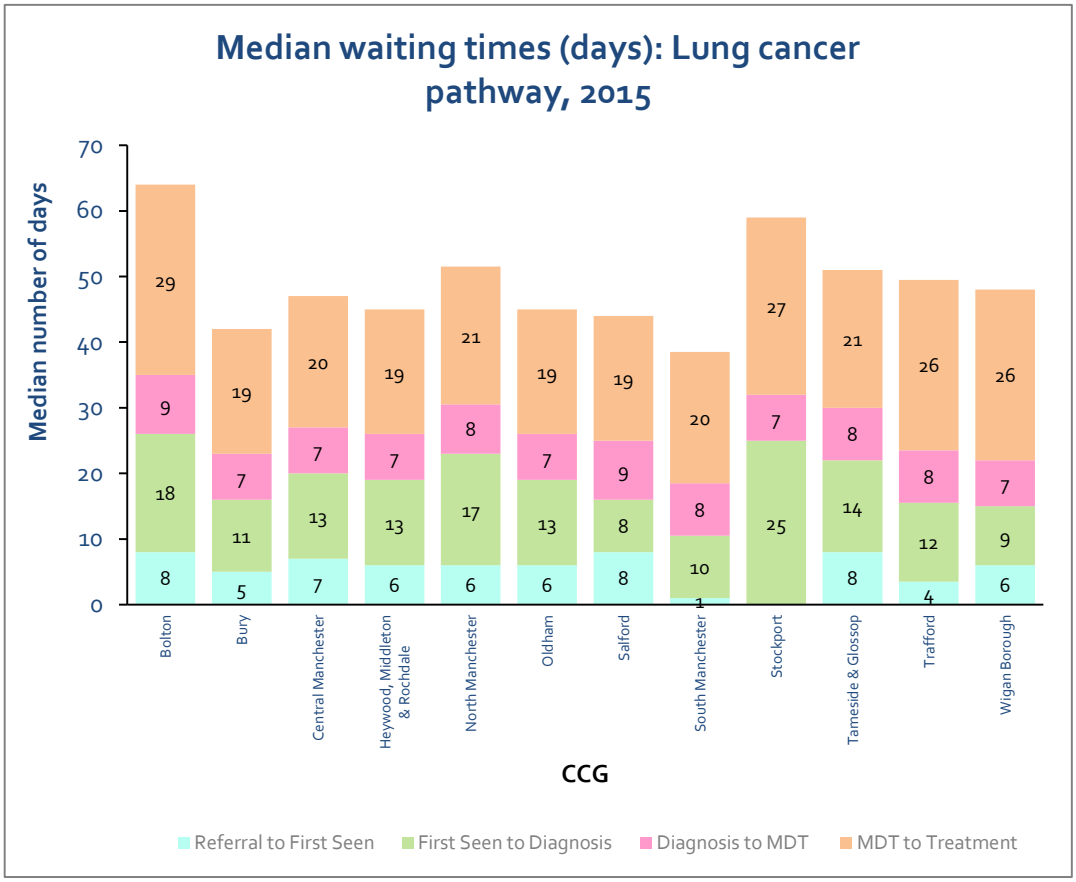


* *Invasive malignancies of breast, prostate, colorectal, lung, bladder, kidney, ovary and uterus, non-Hodgkin lymphomas, and melanomas of skin*

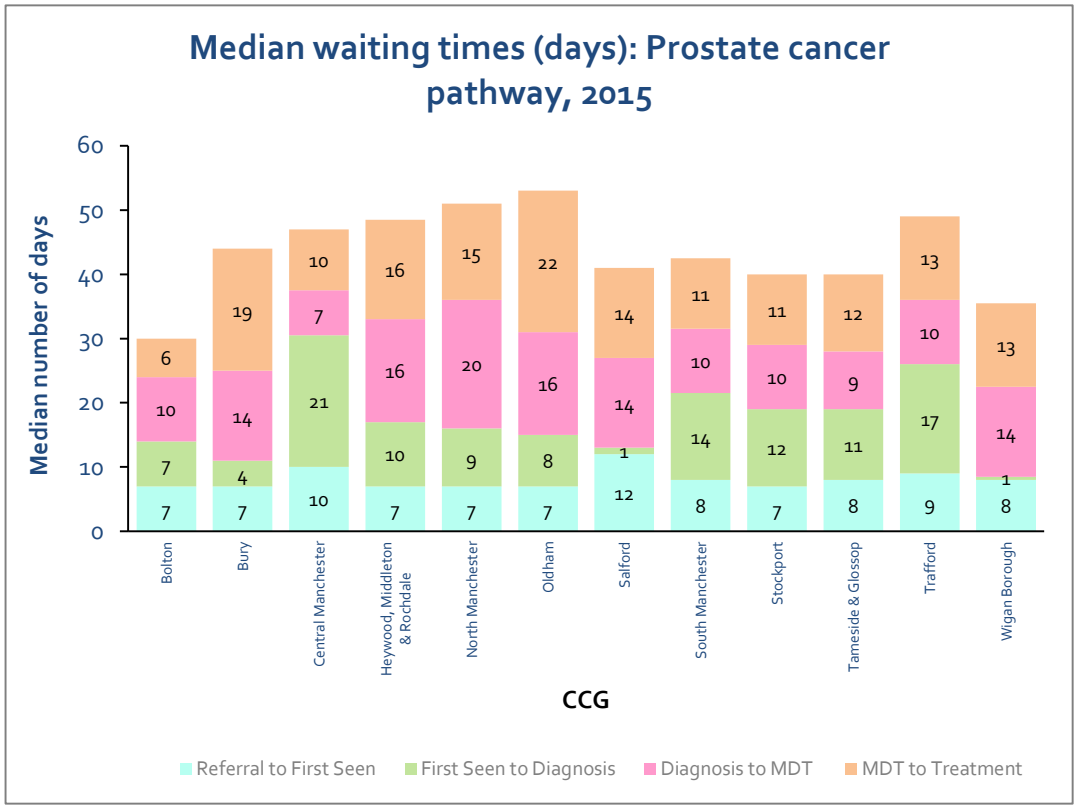
Median waiting times: Colorectal cancer pathway



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