



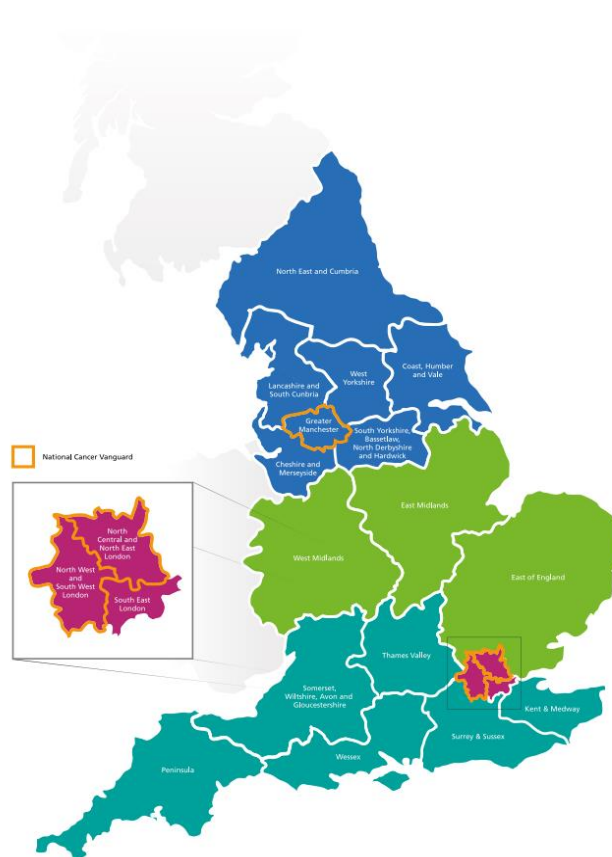
Public Health
England



Cheshire and Merseyside

Cancer Alliance Data Pack

By CCG



February 2018

Version 1.2

Produced by the Cancer Alliance Data, Evidence and Analysis Service (CADEAS)

For any enquiries contact: england.CADEAS@nhs.net

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- ◆ One-year age-standardised net cancer survival
- ◆ Under-75 age-standardised cancer mortality rate
- ◆ Cancer prevalence
- ◆ Patient experience: rating of overall care

Pathway indicators

- ◆ Bowel screening uptake and coverage
- ◆ Breast screening uptake and coverage
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- ◆ Cancers diagnosed through an emergency presentation
- ◆ Routes to diagnosis: breast, colorectal, lung and prostate cancer
- ◆ Cancer waiting times: two-week wait and 62-day standard
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- ◆ Median waiting times: prostate, colorectal and lung cancer

8 Annex of data sources

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	09/02/2018
1.1	Error spotted in one-year cancer survival chart title. Correction made. Data are for adults diagnosed in 2015 and followed up in 2016	12/02/2018
1.2	Text in the pack has been updated to reflect change from internal to public use	20/11/2018

1. Summary of key findings

The Cheshire and Merseyside Cancer Alliance

Latest data on some key cancer indicators suggest the standard of cancer care in the Alliance was similar or better than England levels.

Eastern Cheshire CCG had the greatest number of indicators above the national average, while performance was below the national average most often in Knowsley, South Sefton and Liverpool CCGs.

Screening. There was variation in screening uptake and coverage between the CCGs. Knowsley, Liverpool and South Sefton CCGs all had screening programme uptake and coverage below the England average. Eastern Cheshire and West Cheshire CCGs demonstrated above expected coverage and uptake in all screening programmes.

Cancer waiting times. The two-week waiting times standard was exceeded in all CCGs in the Alliance (in the year to Q2 2017/18). Over the same period, only four CCGs in the Alliance met the 62-day waiting times standard – Eastern Cheshire, Liverpool, South Cheshire and Vale Royal CCGs.

Emergency presentations. Emergency presentation rates were similar to the England average, with the exception of Halton, Liverpool and South Sefton CCGs, where they were higher than the national average. Emergency presentations were lower than the national average in West Cheshire CCG only.

Early diagnosis. Regarding early diagnosis, all but two CCGs (Warrington and Wirral CCGs) in the Alliance had similar or a higher proportion of early stage diagnoses than the England average.

Incidence. Four CCGs – Knowsley, Liverpool, South Sefton, and Wirral CCGs – had incidence rates above the national average. Only Eastern Cheshire CCG had a lower incidence rate than the national average.

Survival. One-year survival was above or similar to the England level in every CCG.

Mortality. Cancer mortality in the under-75s was worse than the England average in six CCGs: Halton, Knowsley, Liverpool, South Sefton, St Helens and Wirral CCGs. Only in Eastern Cheshire CCG was this above the national average.

Patient experience. Patient experience was in line with the national average in all CCGs, except South Cheshire and Wirral CCGs, where it was higher.

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

	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
Eastern Cheshire																
Halton																
Knowsley																
Liverpool																
South Cheshire																
South Sefton																
Southport & Formby																
St Helens																
Vale Royal																
Warrington																
West Cheshire																
Wirral																

	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

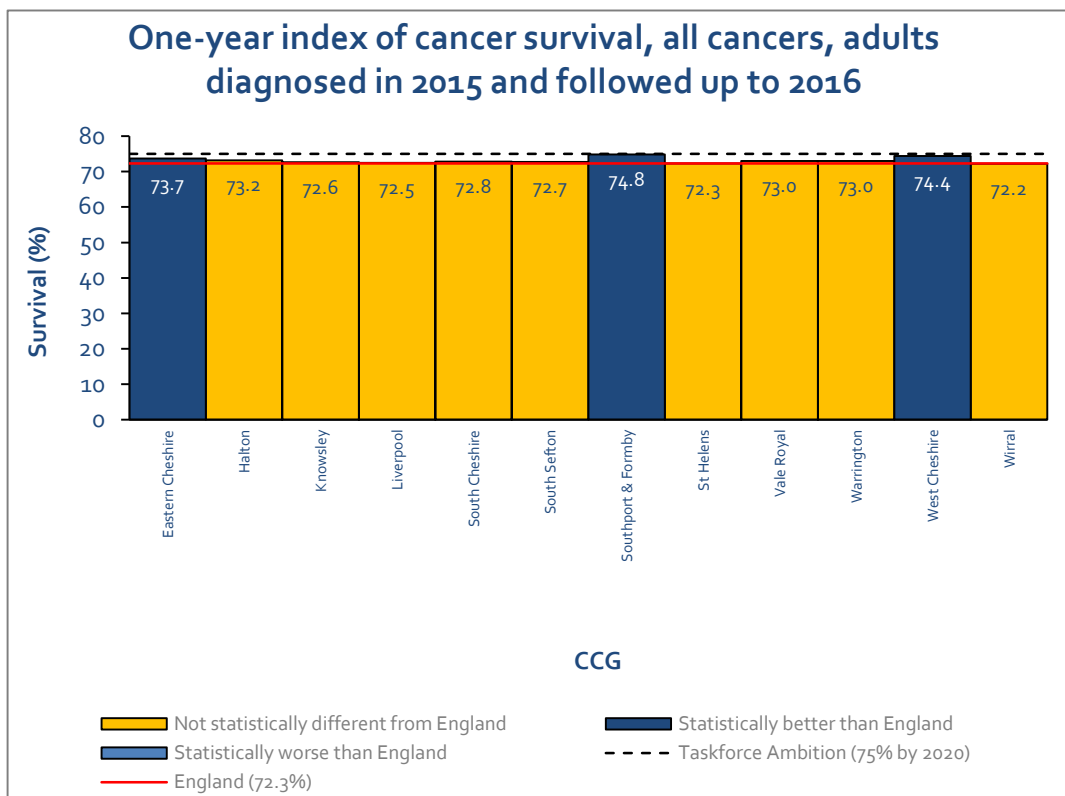
	One-year cancer survival	Under 75 cancer mortality age-standardised rate	Patient experience	Bowel screening coverage (60-69)	Bowel screening uptake (60-69)	Bowel screening coverage (60-74)	Bowel screening uptake (60-74)	Breast screening coverage	Breast screening uptake	Cervical screening coverage	Emergency presentations	Cancer Waiting Times: Two-Week Wait	Cancer Waiting Times: 62-day Standard	Incidence age-standardised rate	Early stage diagnosis	Cancers staged
Eastern Cheshire	74	113	8.9	62	63	63	64	75	74	76	19	98	90	533	57	93
Halton	73	167	9.0	54	55	55	56	72	71	72	24	94	81	611	49	93
Knowsley	73	208	8.8	51	51	52	52	68	66	71	22	95	85	715	50	93
Liverpool	73	180	9.0	51	51	52	53	64	64	68	23	96	87	716	51	94
South Cheshire	73	138	8.9	59	60	60	62	76	75	74	17	98	92	600	54	86
South Sefton	73	168	8.8	54	54	56	55	66	62	71	22	94	84	694	52	91
Southport & Formby	75	122	8.9	60	61	61	62	69	69	74	20	94	81	609	49	89
St Helens	72	165	8.7	58	57	59	59	72	72	74	21	96	84	641	55	93
Vale Royal	73	153	8.9	57	58	59	60	74	57	76	19	98	92	621	54	89
Warrington	73	148	8.6	58	58	60	60	74	75	74	17	94	80	597	48	93
West Cheshire	74	139	8.9	60	61	62	63	79	78	76	17	97	81	623	51	91
Wirral	72	154	8.9	57	57	58	58	75	72	73	21	96	85	679	47	92

	Statistically better than England
	Not statistically different from England
	Statistically worse than England

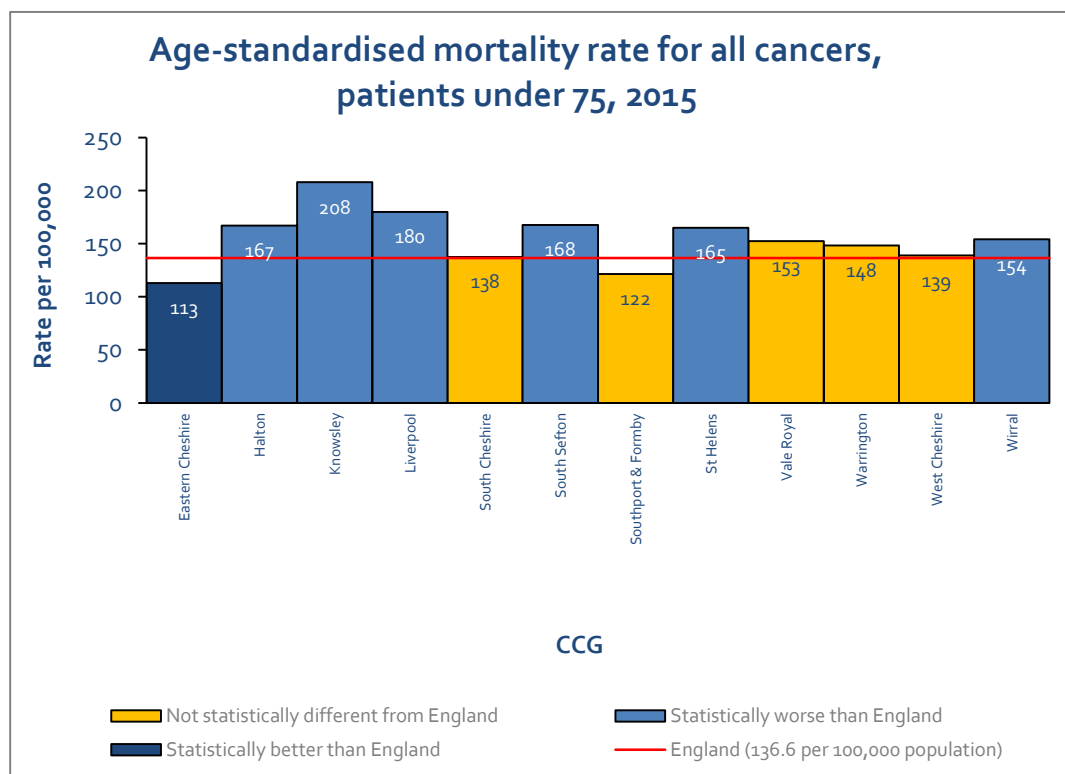
Excludes routes to diagnosis, prevalence and pathway median waiting times. This is due to the volume of data in these three areas. Please see data in rest of data pack

7. Alliance indicators by CCG

Cancer survival



Cancer mortality





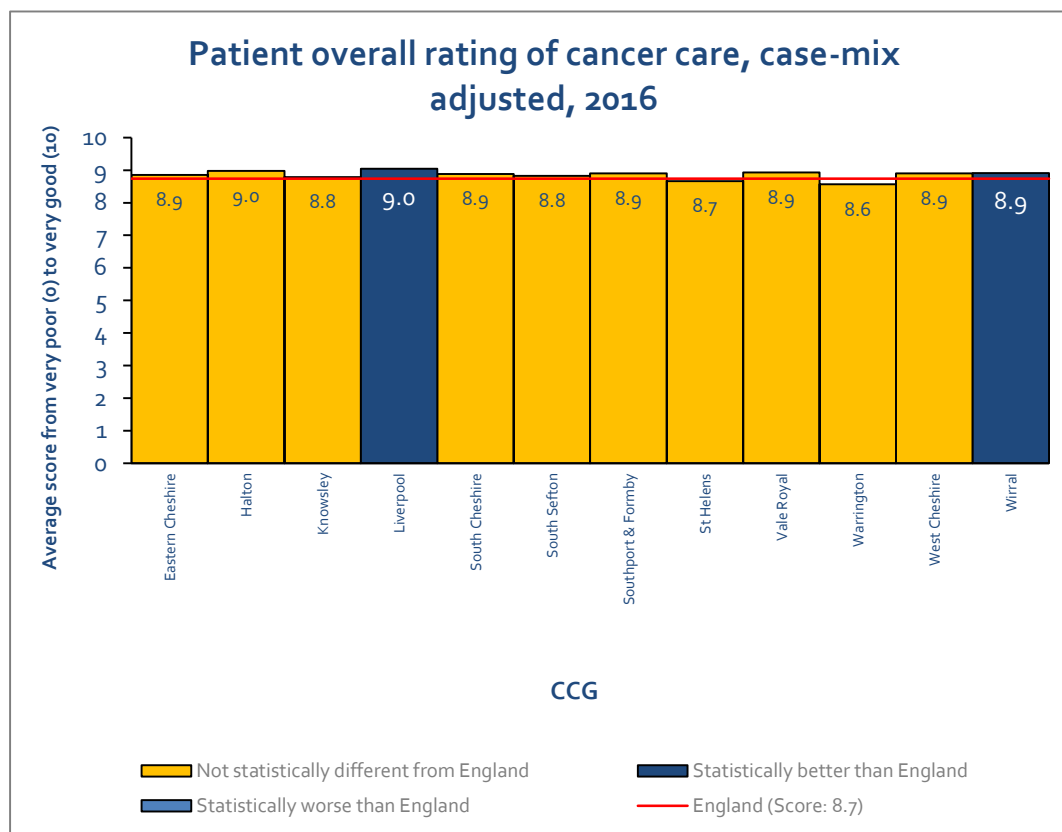
Cancer prevalence

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

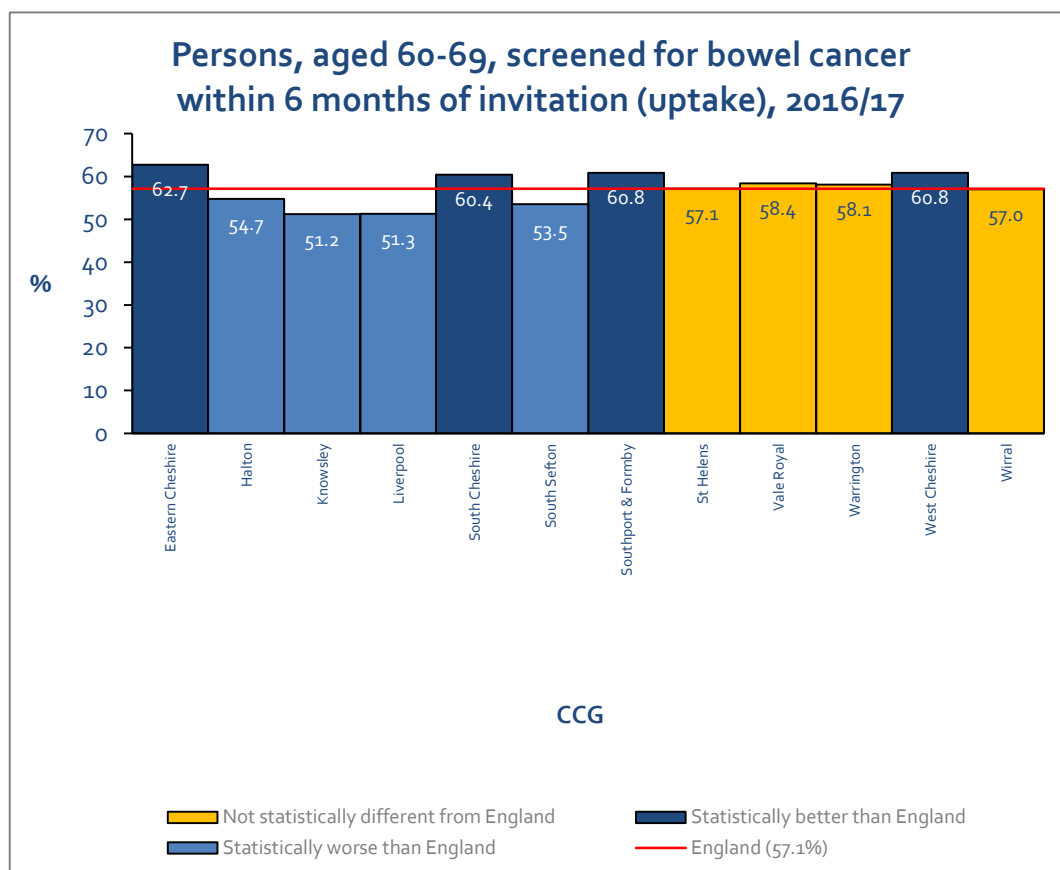
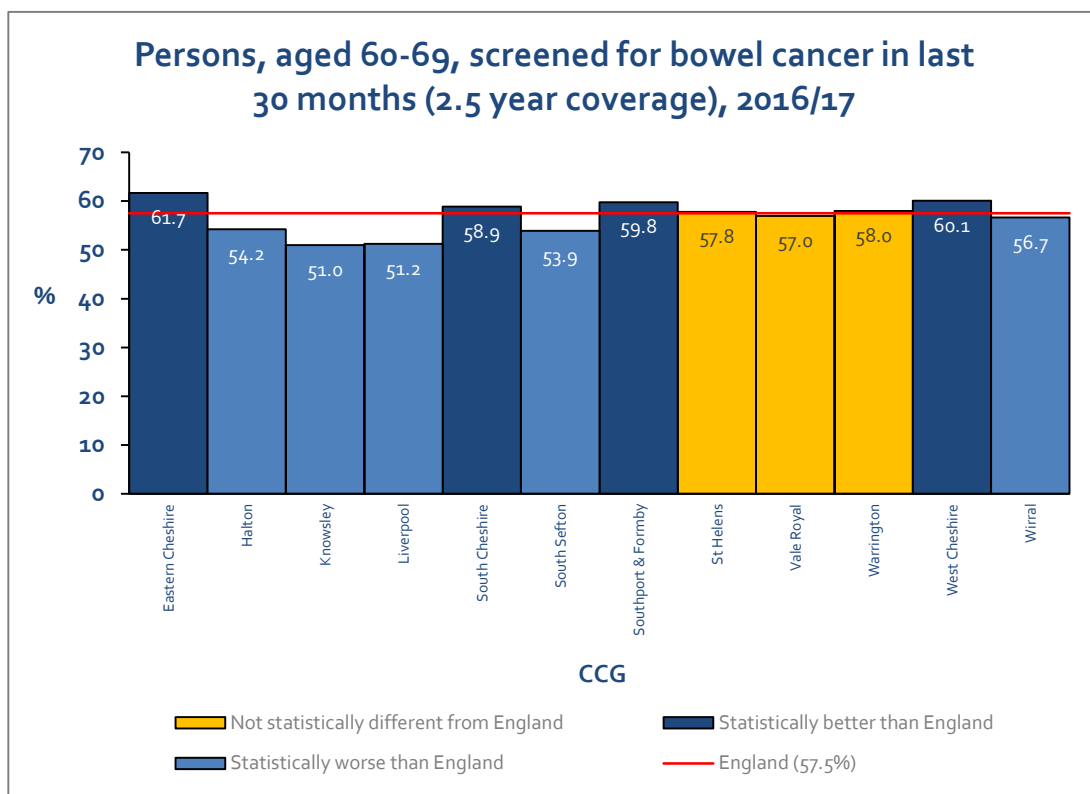
Number of cases and crude rates are in year bands representing time since diagnosis

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						
Eastern Cheshire	848	760	1,904	2,017	1,118	770	431	387	969	1,026	569	392						
Halton	462	453	1,026	1,068	622	443	365	358	811	844	492	350						
Knowsley	621	467	1,244	1,406	840	589	422	317	845	955	571	400						
Liverpool	1,811	1,445	3,459	3,959	2,436	1,622	378	302	723	827	509	339						
South Cheshire	759	659	1,655	1,490	809	671	424	368	925	833	452	375						
South Sefton	717	566	1,484	1,673	977	660	452	357	935	1,055	616	416						
Southport & Formby	579	479	1,196	1,279	701	616	503	416	1,039	1,112	609	535						
St Helens	762	616	1,519	1,663	1,018	675	429	347	855	936	573	380						
Vale Royal	459	365	934	879	514	385	446	355	907	854	499	374						
Warrington	795	644	1,679	1,704	958	798	383	310	808	820	461	384						
West Cheshire	1,042	895	2,132	2,521	1,497	1,036	451	387	923	1,091	648	449						
Wirral	1,530	1,282	2,859	3,087	1,731	1,304	477	400	891	962	539	406						

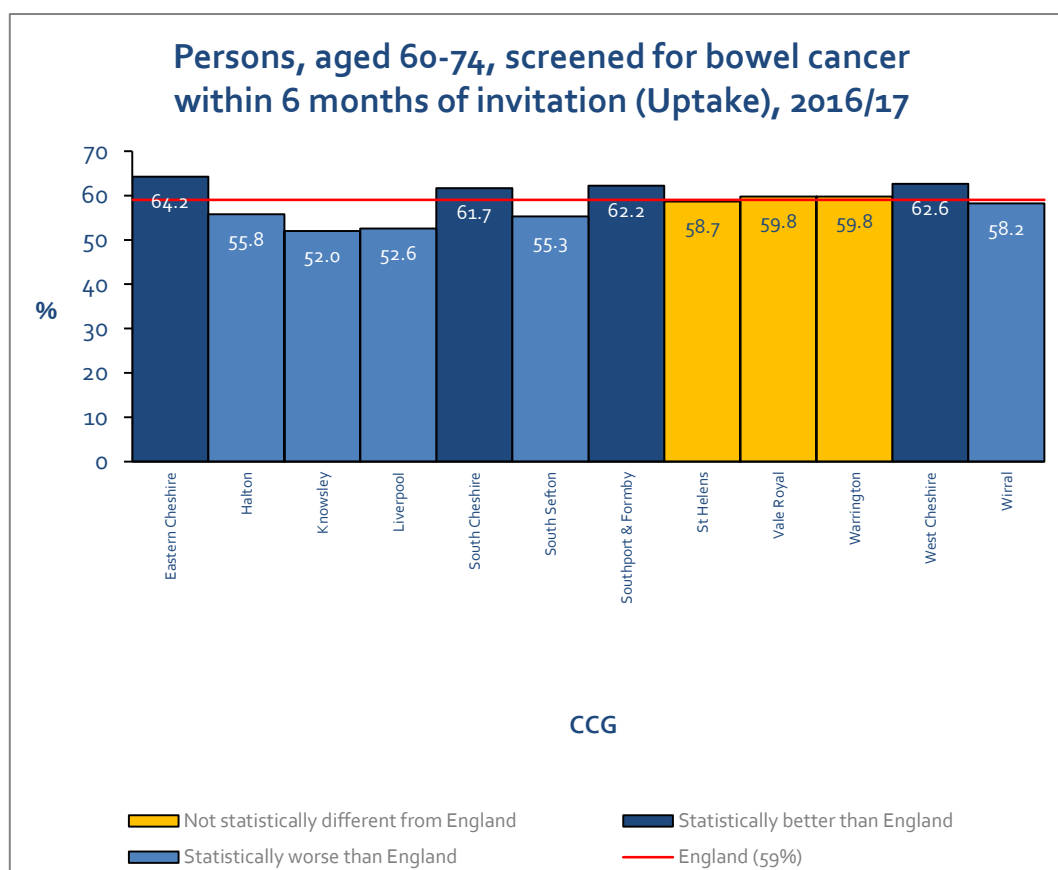
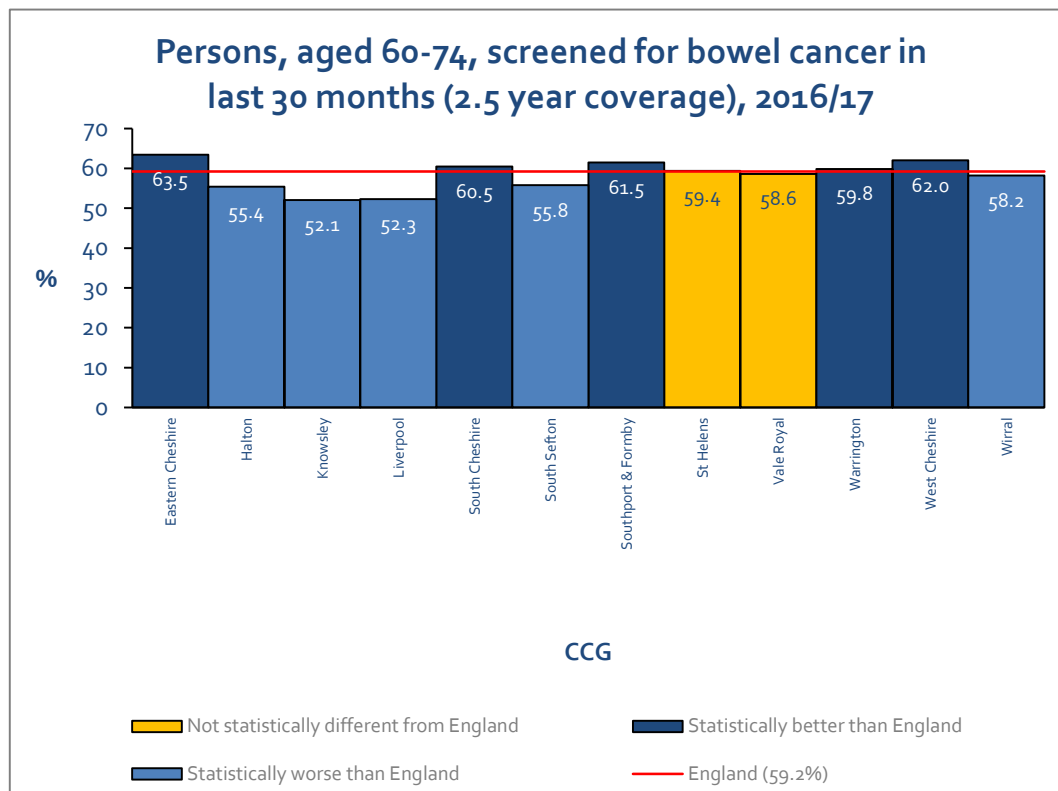
Cancer patient experience



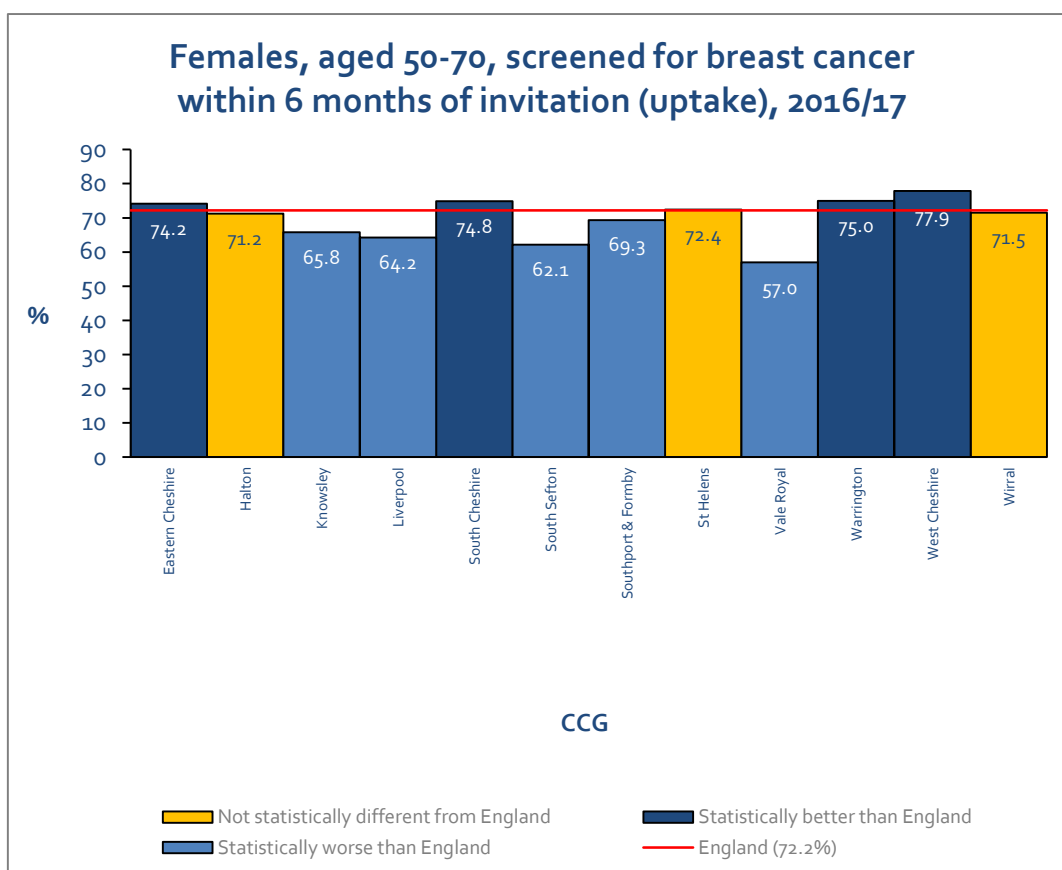
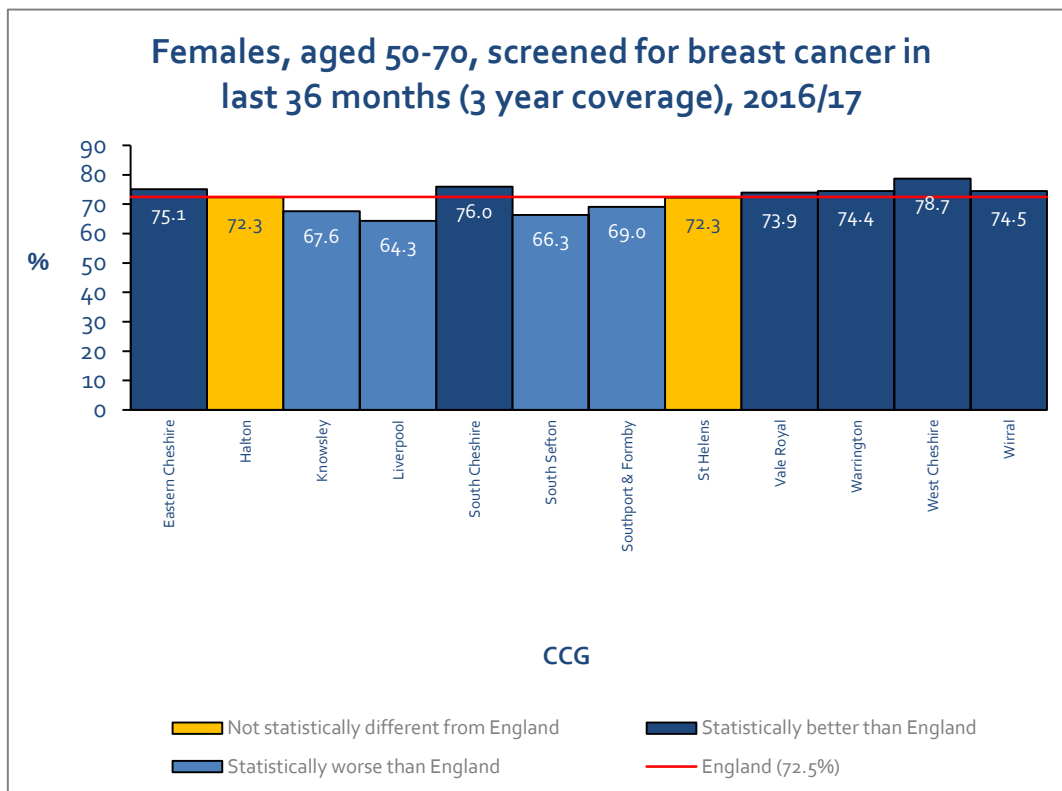
Bowel cancer screening, ages 60-69



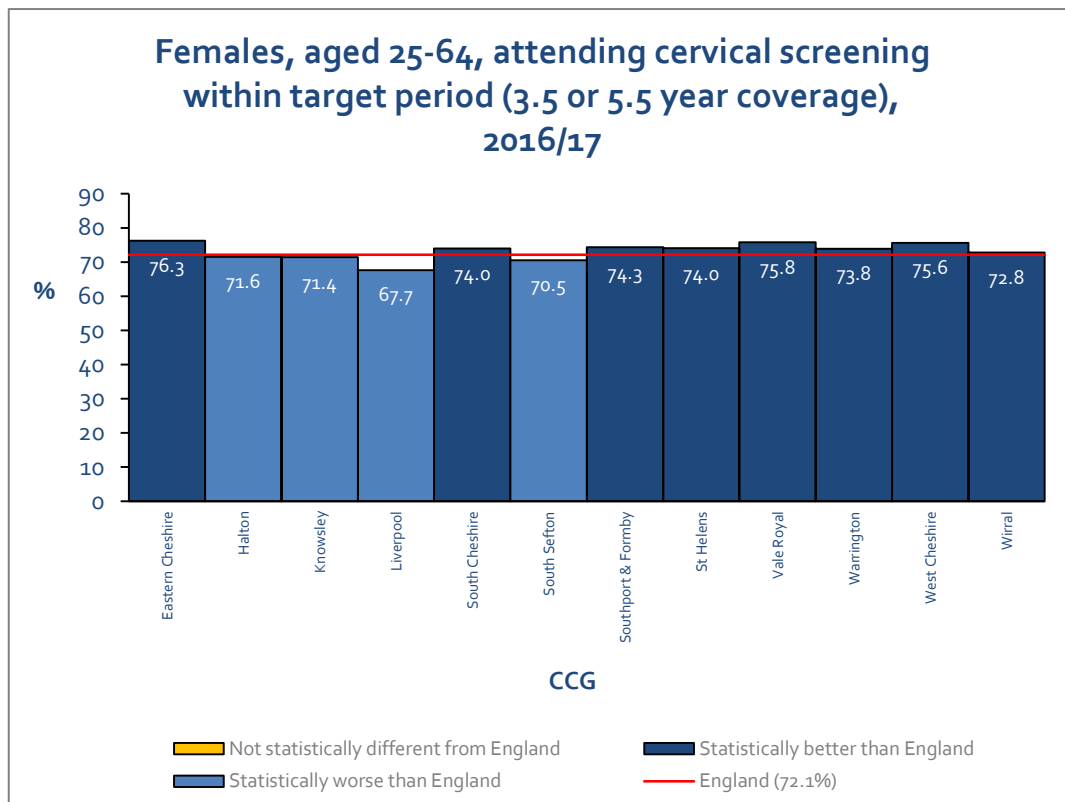
Bowel cancer screening, ages 60-74



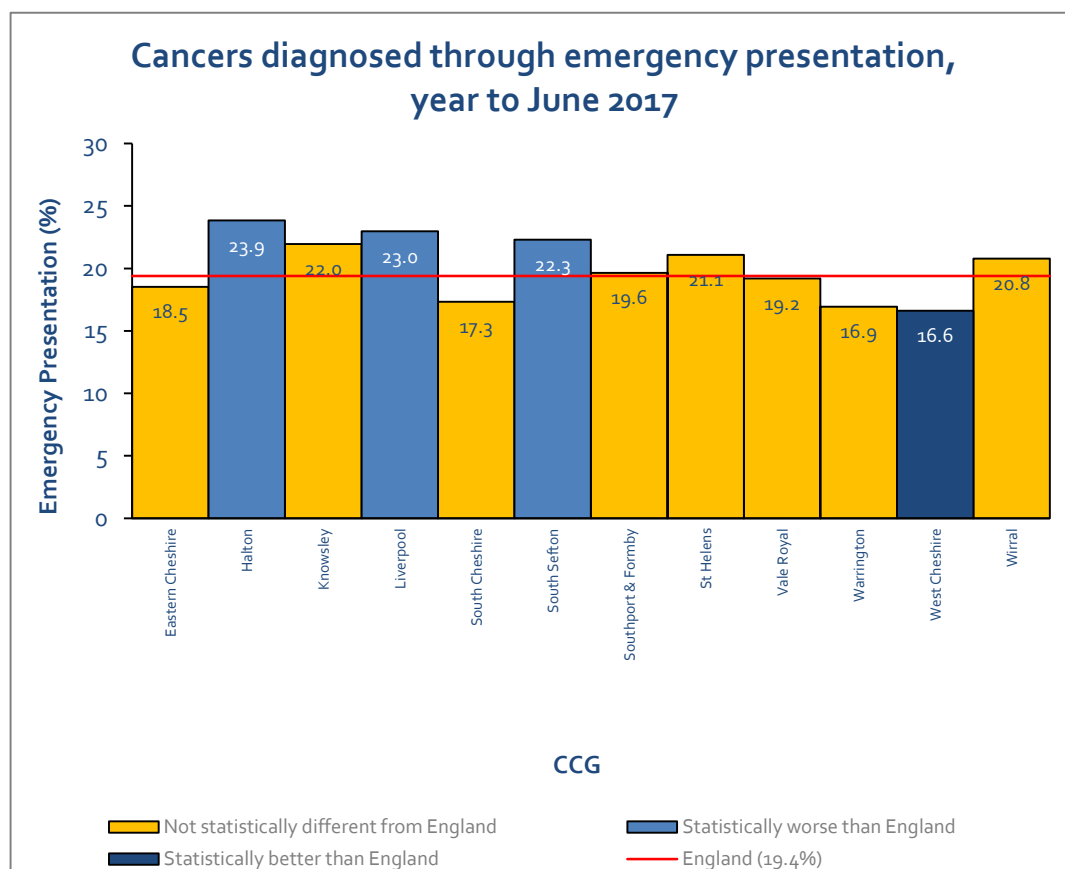
Breast cancer screening



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
Eastern Cheshire	32%	54%	5%	8%	1,899
Halton	31%	59%	4%	5%	977
Knowsley	27%	64%	5%	4%	1,173
Liverpool	27%	63%	5%	6%	3,266
South Cheshire	28%	60%	5%	7%	1,445
South Sefton	27%	63%	5%	4%	1,344
Southport & Formby	30%	60%	4%	6%	1,190
St Helens	35%	55%	5%	5%	1,483
Vale Royal	30%	57%	5%	7%	871
Warrington	29%	58%	5%	8%	1,681
West Cheshire	29%	60%	5%	6%	2,196
Wirral	29%	62%	5%	5%	2,937

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

CCG	Screen Detected	Managed	Emergency Presentation	Other	Number of Cases
Eastern Cheshire	6%	52%	24%	17%	1542
Halton	7%	56%	25%	12%	838
Knowsley	6%	49%	26%	18%	983
Liverpool	6%	49%	28%	17%	2872
South Cheshire	7%	51%	30%	12%	1108
South Sefton	7%	49%	28%	15%	1273
Southport & Formby	9%	48%	23%	20%	1011
St Helens	5%	46%	27%	22%	1278
Vale Royal	8%	46%	28%	18%	666
Warrington	8%	53%	25%	14%	1255
West Cheshire	7%	55%	24%	14%	1820
Wirral	7%	58%	26%	10%	2428

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
Eastern Cheshire	55%	34%	11%	1,261
Halton	48%	36%	16%	1,162
Knowsley	47%	34%	19%	1,734
Liverpool	49%	31%	20%	5,057
South Cheshire	51%	38%	10%	1,158
South Sefton	45%	37%	18%	1,832
Southport & Formby	48%	36%	16%	1,027
St Helens	44%	34%	22%	1,557
Vale Royal	50%	40%	10%	709
Warrington	49%	35%	16%	1,495
West Cheshire	51%	36%	13%	1,822
Wirral	50%	38%	12%	3,041

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

CCG	Managed	Emergency Presentation	Other	Number of Cases
Eastern Cheshire	73%	9%	18%	1,457
Halton	70%	9%	21%	674
Knowsley	73%	10%	17%	820
Liverpool	73%	9%	18%	2,426
South Cheshire	78%	11%	12%	1,386
South Sefton	74%	12%	14%	1,166
Southport & Formby	73%	8%	19%	976
St Helens	67%	7%	26%	1,206
Vale Royal	78%	11%	11%	769
Warrington	65%	11%	24%	1,179
West Cheshire	76%	9%	15%	1,981
Wirral	77%	12%	12%	2,508

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
Eastern Cheshire	1,471	19	99%	1,486	17	99%	1,576	31	98%	1,613	35	98%
Halkon	1,187	77	94%	1,316	83	94%	1,321	90	93%	1,292	59	95%
Knowsley	1,433	67	95%	1,356	62	95%	1,353	80	94%	1,419	64	95%
Liverpool	4,152	124	97%	4,037	152	96%	4,226	268	94%	4,425	177	96%
South Cheshire	1,344	19	99%	1,402	25	98%	1,465	39	97%	1,512	47	97%
South Sefton	1,463	66	95%	1,405	62	96%	1,448	146	90%	1,650	75	95%
Southport & Formby	1,242	78	94%	1,280	78	94%	1,363	86	94%	1,410	76	95%
St Helens	1,632	73	96%	1,674	45	97%	1,717	77	96%	1,829	98	95%
Vale Royal	742	10	99%	739	10	99%	662	16	98%	723	16	98%
Warrington	1,990	116	94%	1,986	137	93%	2,209	121	95%	2,084	132	94%
West Cheshire	2,324	81	97%	2,208	52	98%	2,455	93	96%	2,409	78	97%
Wirral	2,958	105	96%	2,939	109	96%	3,324	148	96%	3,337	105	97%

Above operational standards
Below operational standards



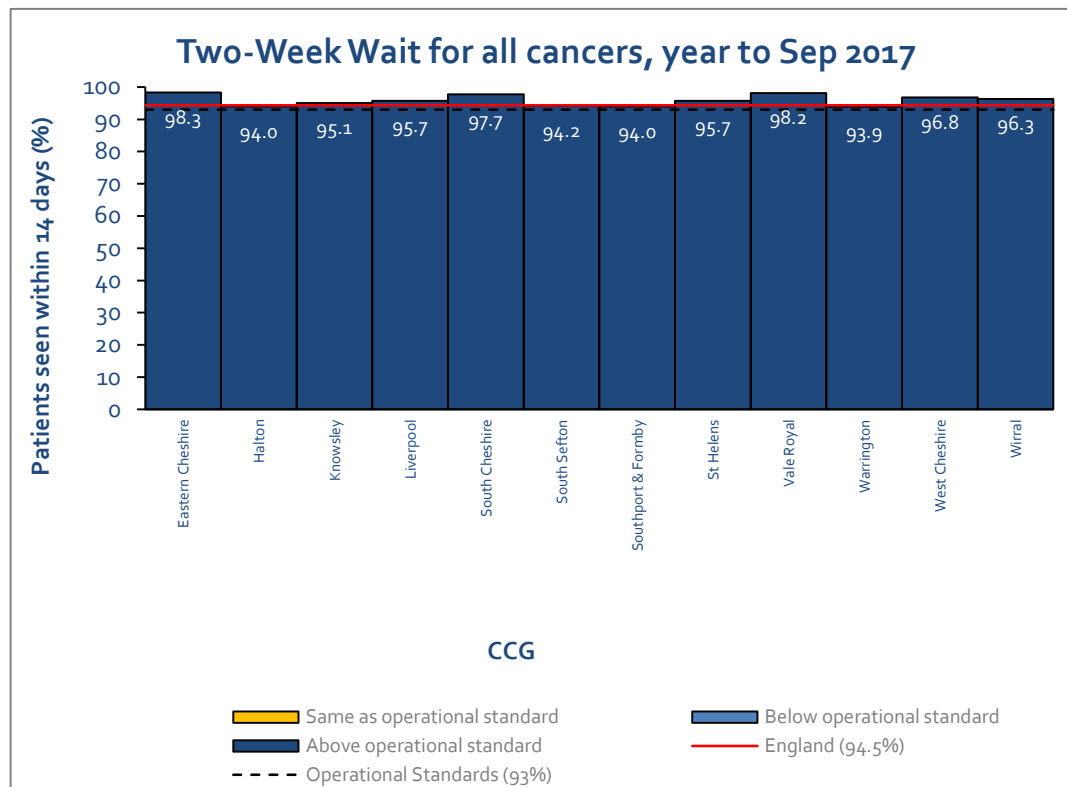
Cancer waiting times: 62-day standard

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

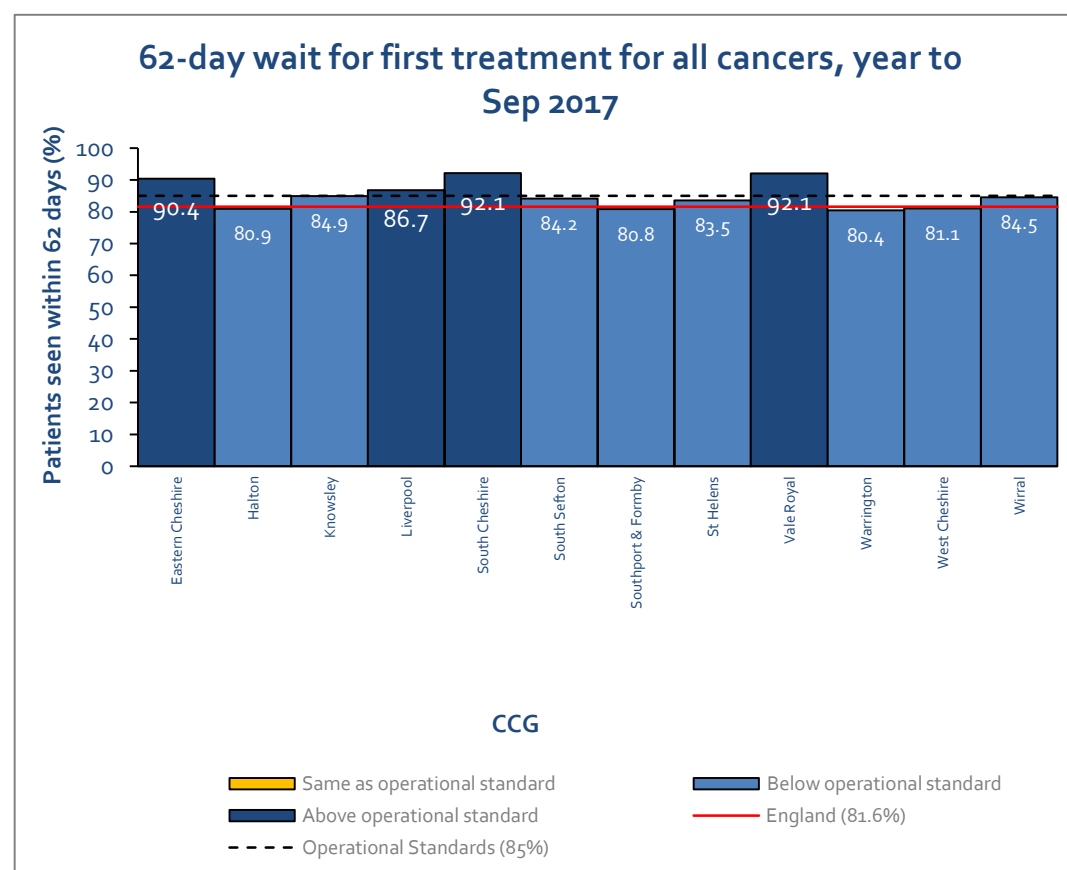
CCG	Q3: Oct-Dec 2016/17				Q4: Jan-Mar 2016/17				Q1: Apr-Jun 2017/18				Q2: Jul-Sep 2017/18			
	Total Seen	Seen After 62 Days	Treated Within 62 Days	Total Seen	Seen After 62 Days	Treated Within 62 Days	Total Seen	Seen After 62 Days	Treated Within 62 Days	Total Seen	Seen After 62 Days	Treated Within 62 Days	Total Seen	Seen After 62 Days	Treated Within 62 Days	Total Seen
Eastern Cheshire	151	19	87%	172	21	88%	117	8	93%	151	9	94%				
Halton	82	15	82%	77	9	88%	73	16	78%	88	21	76%				
Knowsley	95	13	86%	82	11	87%	108	15	86%	99	19	81%				
Liverpool	259	30	88%	260	41	84%	275	31	89%	247	36	85%				
South Cheshire	118	11	91%	121	11	91%	130	8	94%	125	9	93%				
South Sefton	93	12	87%	99	21	79%	84	13	85%	110	15	86%				
Southport & Formby	82	13	84%	91	21	77%	97	17	82%	110	22	80%				
St Helens	119	15	87%	144	21	85%	131	25	81%	140	27	81%				
Vale Royal	65	5	92%	59	4	93%	63	3	95%	65	8	88%				
Warrington	122	20	84%	140	33	76%	119	26	78%	135	22	84%				
West Cheshire	229	39	83%	199	33	83%	207	42	80%	242	52	79%				
Wirral	259	39	85%	259	42	84%	259	41	84%	294	44	85%				

Above operational standards
Below operational standards

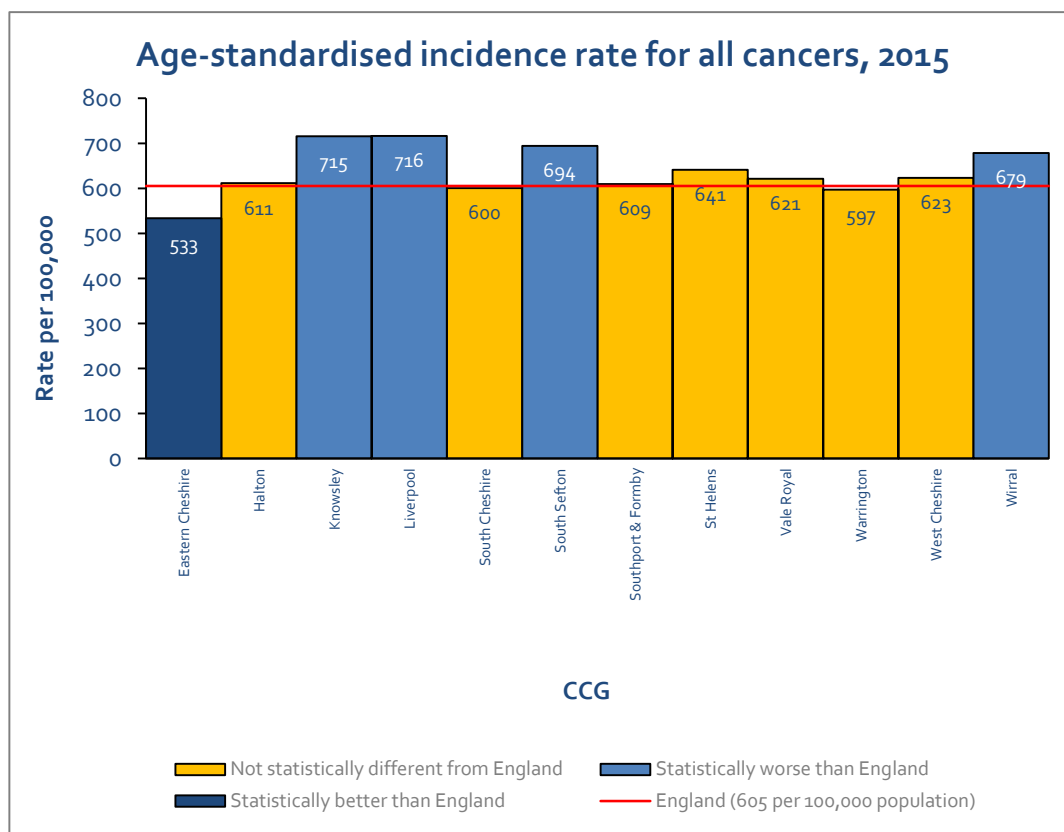
Cancer waiting times: two-week wait



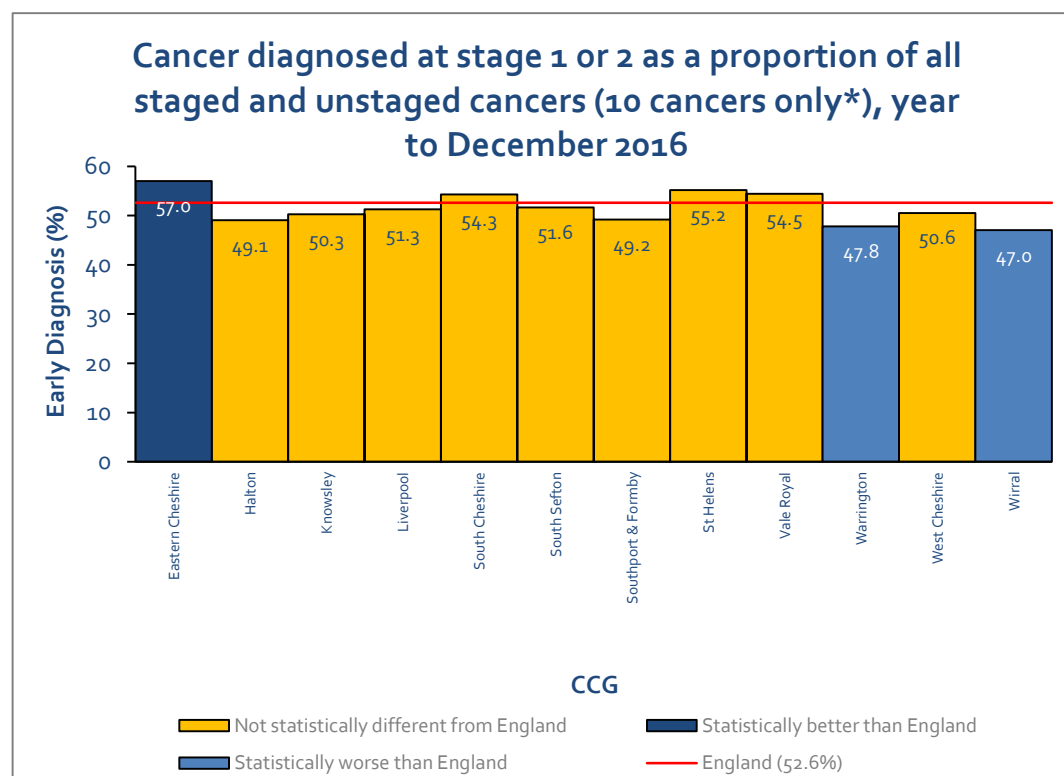
Cancer waiting times: 62-day standard



Cancer incidence

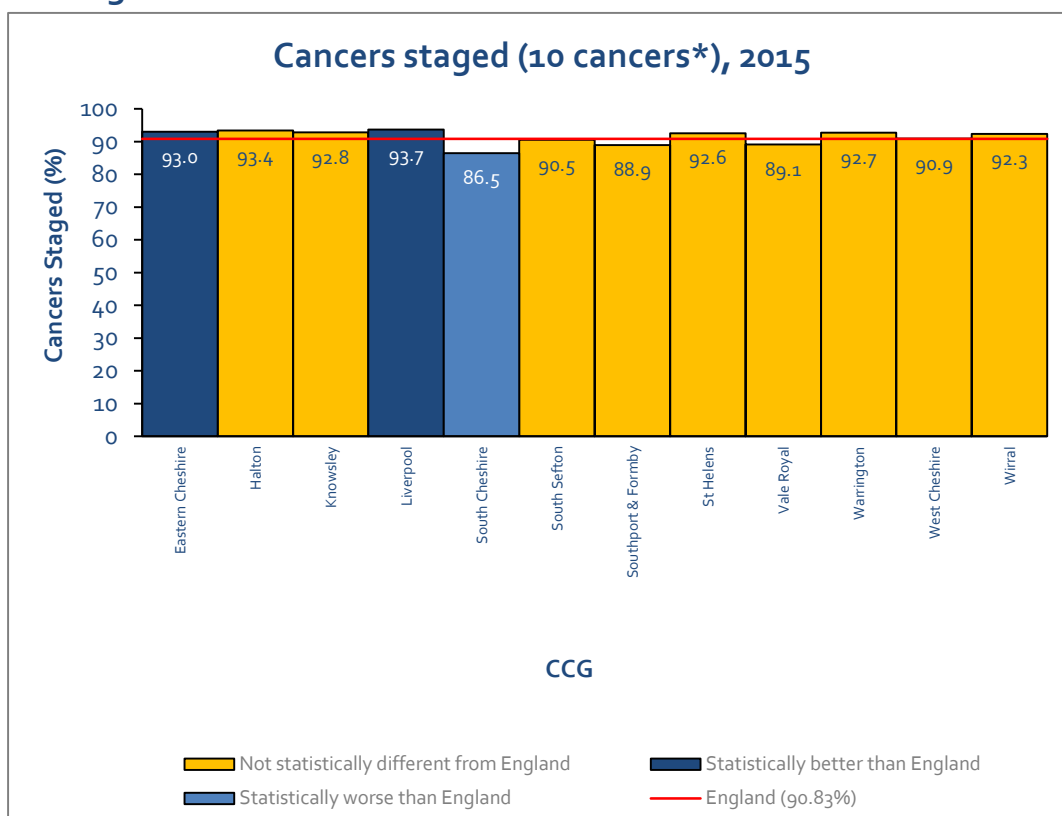


Early diagnosis



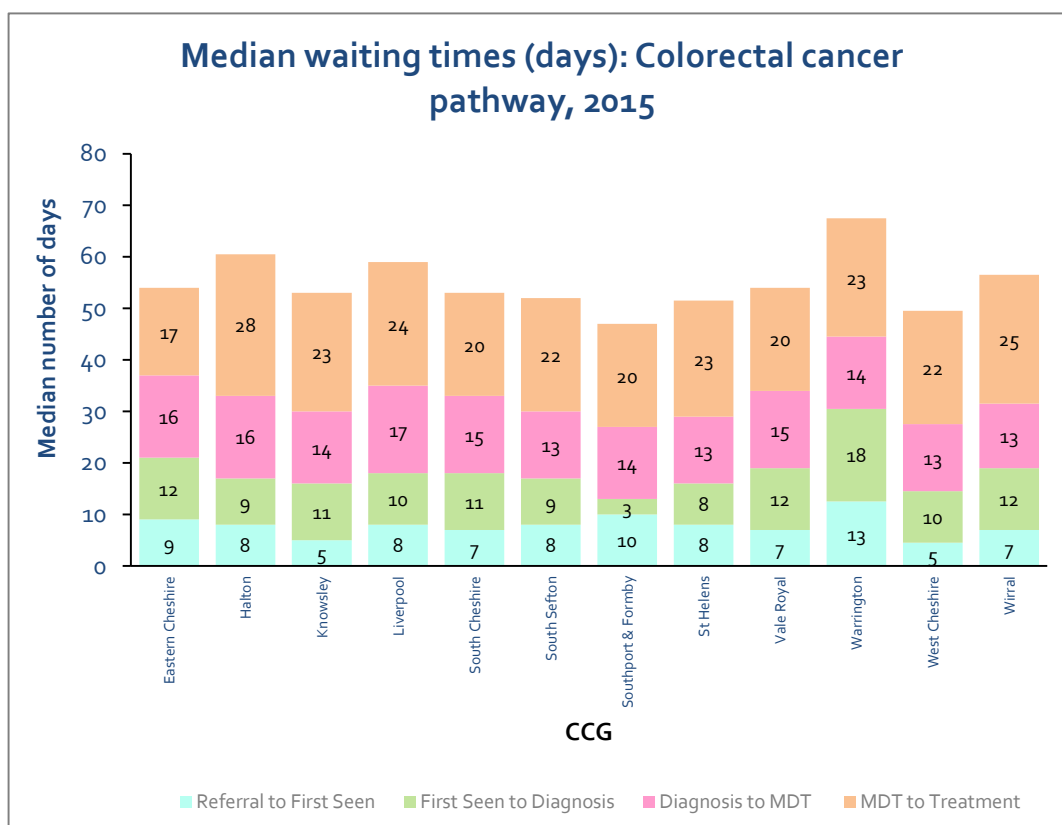
* Invasive malignancies of breast, prostate, colorectal, lung, bladder, kidney, ovary and uterus, non-Hodgkin lymphomas, and melanomas of skin

Cancers staged

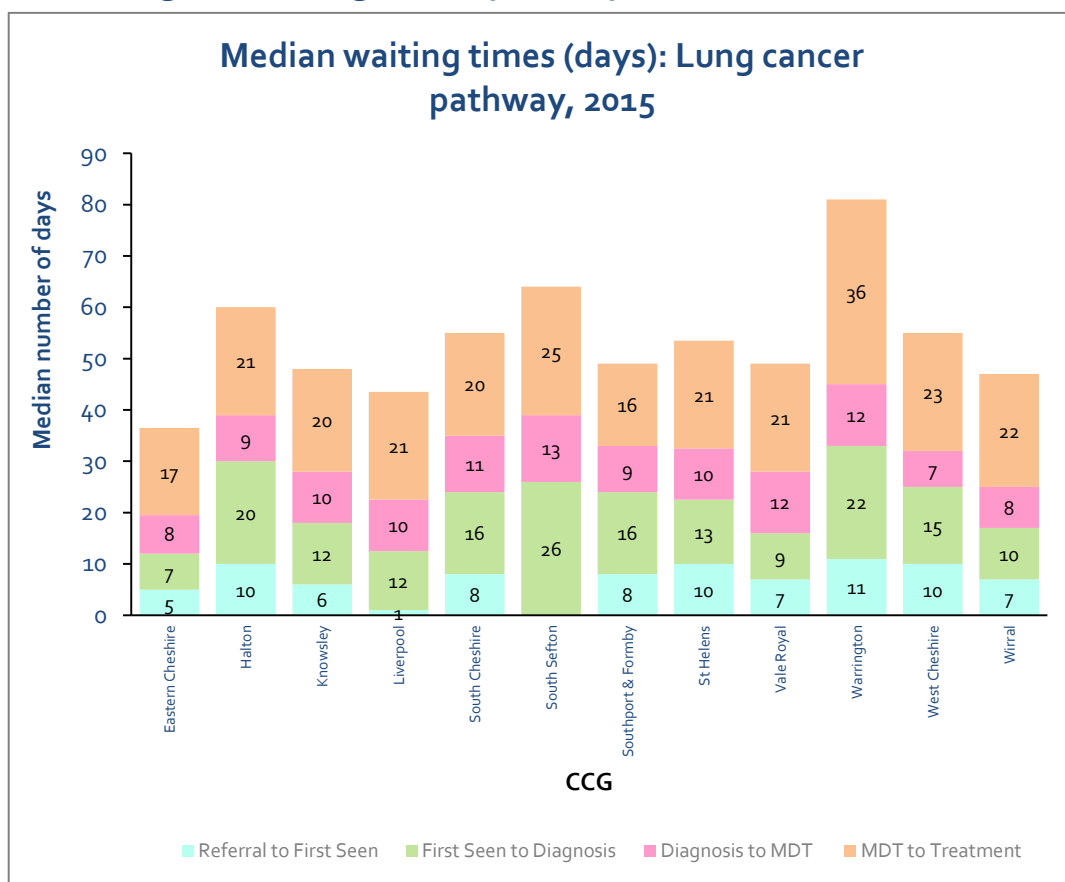


* Invasive malignancies of breast, prostate, colorectal, lung, bladder, kidney, ovary and uterus, non-Hodgkin lymphomas, and melanomas of skin

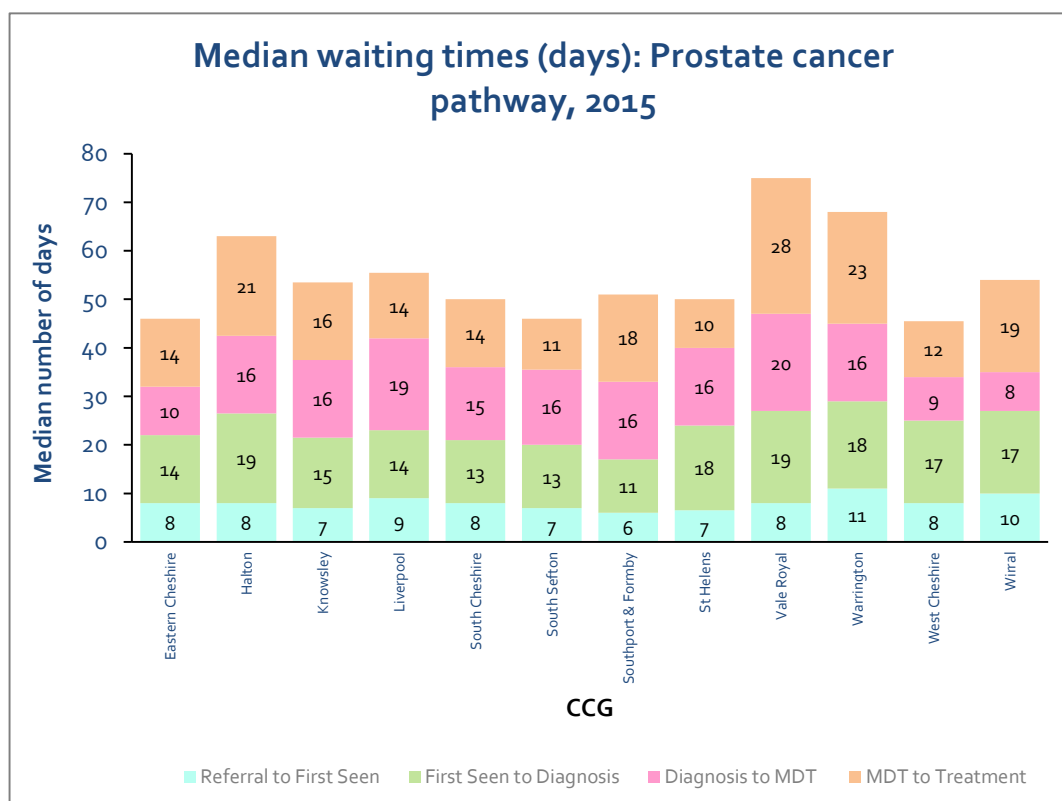
Median waiting times: Colorectal cancer pathway





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