



# **East of England**

# Cancer Alliance Data Pack

# By CCG



February 2018

Version 1.4

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	17/01/2018
1.1	Screening data revised (original source missing Cls for some CCGs that led to incorrect colour coding)	17/01/2018
1.2	Update of emergency presentations year to June 2017 and early stage data year to December 2016. Revised narrative. Formatting changes.	09/02/2018
1.3	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
1.4	Text in the pack has been updated to reflect change from internal to public use	20/11/2018

# 1. Summary of key findings

The East of England Cancer Alliance

Latest data on some key cancer indicators suggest the standard of cancer care in the Alliance was generally better than England levels. There was, however, variation across CCGs within the Alliance.

Ipswich and East Suffolk CCG had the highest number of indicators which were better than the England levels. Conversely Basildon and Brentwood CCG had the highest 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. Castle Point and Rochford, Ipswich and East Suffolk, North Norfolk, South Norfolk and West Suffolk CCGs all reported data above England levels across the board. The reverse was true for Luton and Southend CCGs, performing below England levels across all screening indicators.

**Early diagnosis:** On early diagnosis, all CCGs in the Alliance reported data at England levels or above for proportions of cancers diagnosed at stages 1 and 2, and for cancers staged.

**Emergency presentations:** Emergency presentation was similar, with just two CCGs reporting below England levels (Basildon and Brentwood and Luton CCGs).

Cancer Waiting Times: The two-week waiting times standard was met in all CCGs in the Alliance apart from the majority of CCGs in Essex: Basildon and Brentwood, Castle Point and Rochford, Southend and Thurrock CCGs (in the year to Q2 2017/18). Over the same period, only two CCGs in the Alliance met the 62-day waiting times standard (Luton and West Essex CCGs).

**Incidence:** Incidence rates were at the England level or below across all CCGs in the Alliance, with the exception of Basildon and Brentwood CCG.

**Survival:** The majority of CCGs were comparable to the England level on one-year survival. Four CCGs were below the England level (Basildon and Brentwood, Ipswich & East Suffolk, Luton and Thurrock CCGs) and five reported better survival than expected (Cambridgeshire & Peterborough, East & North Hertfordshire, South Norfolk, West Essex and West Suffolk CCGs).

**Mortality:** Under-75 cancer mortality was at or below England levels across all CCGs in the Alliance.

**Patient experience**: Patient reported experience of care was generally in line with England levels across the Alliance. Two CCGs were worse than the England level – East and North Hertfordshire and Milton Keynes CCGs.

# 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.

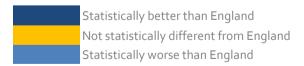
Information on data sources can be found in the Annex.

# 4. Data releases

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

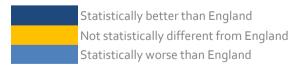
- ♦ A one-off CCG level data pack for each of the 19 Cancer Alliances, to enable comparisons across CCGs within an Alliance.
- Indicator summary grids comprising key indicators for each Alliance, available at CCG, STP and Alliance levels. These are similar to the grids found in sections 5 and 6 of this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

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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
Basildon & Brentwood																
Bedfordshire																
Cambridgeshire & Peterborough																
Castle Point & Rochford																
East & North Hertfordshire																
Great Yarmouth & Waveney																
Herts Valleys																
Ipswich & East Suffolk																
Luton																
Mid Essex																
Milton Keynes																
North East Essex																
North Norfolk																
Norwich																
South Norfolk																
Southend																
Thurrock																
West Essex																
West Norfolk																
West Suffolk																



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

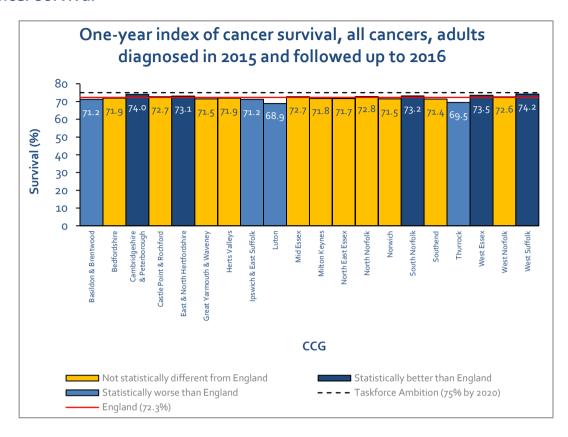
	0	<b>O</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Cancer Alliance key indicators grid, by CCG	One-year cancer survival	Under 75 cancer mortality age-standardised rate	Patient experience	Bowel screening coverage (60-69)	Bowel screening uptake (60-69)	Bowel screening coverage (60-74)	Bowel screening uptake (60-74)	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
Basildon & Brentwood	71	146	8.8	56	56	59	58	66	67	74	23	90	68	644	52	93
Bedfordshire	72	132	8.7	58	57	60	60	74	74	74	18	96	82	597	57	94
Cambridgeshire & Peterborough	74	120	8.8	58	58	59	59	75	74	71	19	95	85	596	56	94
Castle Point & Rochford	73	120	8.8	6o	59	62	6o	73	76	77	16	93	78	564	53	93
East & North Hertfordshire	73	123	8.6	59	59	61	62	71	71	75	18	98	76	598	54	90
Great Yarmouth & Waveney	72	143	8.8	59	58	61	60	77	75	74	21	97	83	632	52	95
Herts Valleys	72	131	8.6	57	57	59	59	72	72	73	20	95	85	578	55	92
Ipswich & East Suffolk	71	123	8.7	61	60	63	60	80	79	74	17	96	82	567	57	95
Luton	69	149	8.7	49	47	51	50	70	70	66	23	96	88	560	54	95
Mid Essex	73	122	8.7	60	59	62	61	69	76	74	18	95	74	565	56	93
Milton Keynes	72	142	8.5	55	53	57	55	75	74	71	18	96	83	628	51	92
North East Essex	72	137	8.8	59	58	61	60	75	72	74	20	95	72	624	53	93
North Norfolk	73	126	8.8	64	63	66	64	79	79	78	17	94	82	609	53	92
Norwich	72	132	8.8	59	58	62	59	76	75	72	17	94	81	601	53	92
South Norfolk	73	134	8.8	65	64	66	65	79	78	76	17	95	79	607	57	94
Southend	71	140	8.8	52	51	54	52	64	69	71	17	92	74	553	55	93
Thurrock	70	157	8.8	53	53	55	54	66	67	73	19	91	57	633	55	94
West Essex	74	123	8.8	56	57	58	59	71	74	75	17	97	87	604	56	94
West Norfolk	73	125	8.8	59	58	61	59	77	75	73	21	96	81	643	54	94
West Suffolk	74	121	8.8	61	61	63	63	78	77	75	18	95	84	611	56	93



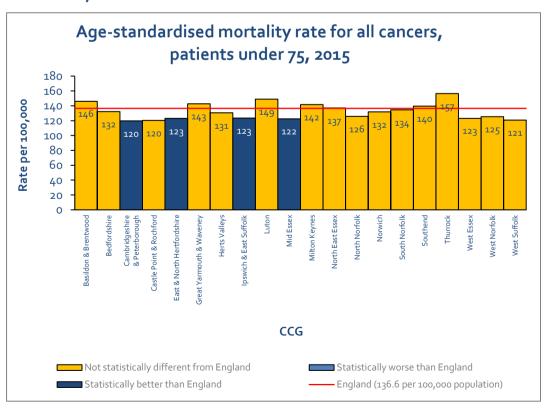
Excludes routes to diagnosis, prevalence and pathway median waiting times. This is due to the volume of data in these three areas. Please see data in rest of data pack

# 7. Alliance indicators by CCG

#### Cancer survival



# **Cancer mortality**

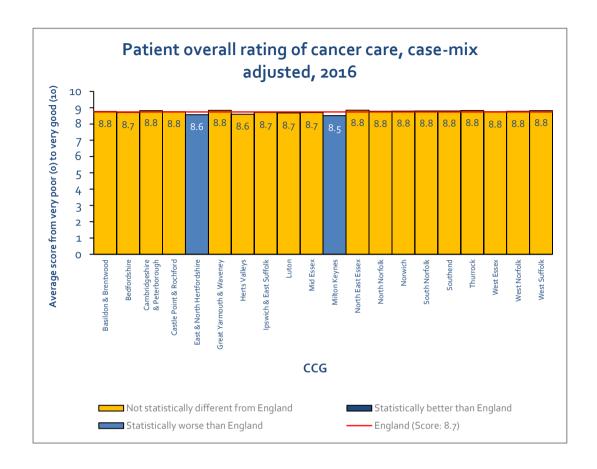


# Cancer prevalence

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

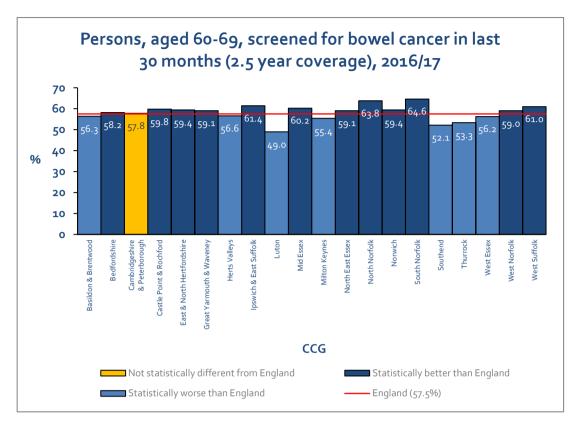
CCG         C41VT         1V15 - 2 V15 - 2 V1													
ugh         1,156         2,175         2,175           1,106         840         1,836           1,695         1,407         3,471           1,106         1,407         3,471           2,131         1,768         4,120           1,082         805         2,008           2,110         1,712         4,083           1,706         1,438         3,370           572         464         1,195           1,706         1,438         3,123           884         73         1,730           1,442         1,252         2,830           1,4442         1,252         2,830           954         767         1,842           792         634         1,609           1,077         910         2,110           638         594         1,273           570         415         913           1,175         1,064         2,396           906         729         1,778				Cas	ses			Crude	Rates per 1	.00,000 (cas	Crude Rates per 100,000 (cases / total population in 2015)	pulation in	2015)
ugh         1,106         840         1,836           1,695         1,407         3,471           nugh         3,322         2,739         6,945           754         642         1,474           2,131         1,768         4,120           1,082         805         2,008           2,110         1,712         4,083           1,706         1,438         3,370           572         464         1,195           884         738         1,739           1,442         1,270         3,123           884         767         1,842           954         767         1,842           792         634         1,609           1,077         910         2,110           638         594         1,773           570         415         913           1,175         1,064         2,396           1,178         1,786		<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
uugh         3,322         2,739         6,945           754         642         1,474           2,131         1,768         4,120           1,082         805         2,008           2,110         1,712         4,083           1,706         1,438         3,370           1,716         1,739         1,739           884         738         1,739           1,442         1,252         2,830           954         767         1,842           1,077         910         2,110           638         594         1,733           1,077         910         2,110           570         415         913           1,175         1,064         2,136           1,175         1,064         2,136           1,175         1,064         2,136	& Brentwood	1,106	840	1,836	2,128	1,332	988	429	326	712	826	517	383
ugh         3,322         2,739         6,945           754         642         1,474           2,131         1,768         4,120           1,082         805         2,008           2,110         1,712         4,083           1,706         1,438         3,370           572         464         1,195           1,516         1,270         3,123           884         738         1,739           1,442         1,252         2,830           792         634         1,609           638         594         1,609           1,077         910         2,110           638         594         1,273           570         415         913           1,175         1,064         2,396           1,175         1,064         2,396           1,175         1,064         2,396	hire	1,695	1,407	3,471	3,956	2,245	1,654	385	320	788	899	510	376
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1,082       805       2,008         2,110       1,712       4,083         1,706       1,438       3,370         572       464       1,195         1,516       1,270       3,123         884       738       1,739         1,442       1,252       2,830         954       767       1,842         792       634       1,609         1,077       910       2,110         638       594       1,273         570       415       913         1,175       1,064       2,396         1,175       1,064       2,396         906       729       1,778	rth Hertfordshire	2,131	1,768	4,120	2,057	2,804	2,038	381	316	737	904	502	365
Suffolk 1,706 1,438 3,370  Suffolk 1,706 1,438 3,370  572 464 1,195  1,516 1,270 3,123  884 738 1,739  884 738 1,739  792 634 1,609  792 634 1,609  792 634 1,609  792 634 1,273  638 594 1,273  638 594 1,273  906 729 1,778	mouth & Waveney	1,082	805	2,008	2,411	1,367	206	504	375	935	1,122	636	422
Suffolk         1,706         1,438         3,370           572         464         1,195           1,516         1,270         3,123           884         738         1,739           954         767         1,842           792         634         1,609           1,077         910         2,110           638         594         1,273           570         415         913           1,175         1,064         2,1396           1,175         1,064         2,1396           906         729         1,778	leys	2,110	1,712	4,083	4,546	2,600	2,357	359	291	694	773	445	401
572       464       1,195         1,516       1,270       3,123         884       738       1,739         1,442       1,252       2,830         954       767       1,842         792       634       1,609         1,077       910       2,110         638       594       1,273         570       415       913         1,175       1,064       2,396         1,175       1,064       2,396         1,1778       1,064       2,396	East Suffolk	1,706	1,438	3,370	3,928	2,433	1,807	427	360	844	983	609	452
1,516 1,270 3,123  884 738 1,739  1,442 1,252 2,830  954 767 1,842  792 634 1,609  1,077 910 2,110  638 594 1,273  570 415 913  1,175 1,064 2,396  906 729 1,778		572	494	1,195	1,342	799	625	566	216	557	625	372	291
884, 738 1,739  1,442 1,252 2,830  954 767 1,842  792 634 1,609  1,077 910 2,110  638 594 1,273  570 415 913  1,175 1,064 2,396  906 729 1,778		1,516	1,270	3,123	3,766	1,984	1,401	393	329	810	926	514	363
ex     1,4442     1,252     2,830       954     767     1,842       792     634     1,609       1,077     910     2,110       638     594     1,273       570     415     913       1,175     1,064     2,396       906     729     1,778	ynes	884	738	1,739	2,007	1,314	950	330	276	649	750	491	355
954       767       1,842         792       634       1,609         1,077       910       2,110         638       594       1,273         570       415       913         1,175       1,064       2,396         906       729       1,778	it Essex	1,442	1,252	2,830	3,057	2,012	1,188	444	385	870	046	619	365
792     634     1,609       1,077     910     2,110       638     594     1,273       570     415     913       1,175     1,064     2,396       906     729     1,778	rfolk	954	797	1,842	2,158	1,249	828	559	450	1,080	1,265	732	485
1,077     910     2,110       638     594     1,273       570     4.15     913       1,175     1,064     2,396       906     729     1,778		792	634	1,609	1,941	1,282	854	370	296	751	906	598	399
638     594     1,273       x     1,175     4,15     913       folk     906     729     1,778	rfolk	1,077	910	2,110	2,497	1,572	866	474	400	928	1,098	691	439
ex 1,175 1,064 2,396 folk		638	594	1,273	1,540	1,008	750	357	332	712	862	564	420
1,175 1,064 2,396 906 729 1,778		270	415	913	1,132	714	445	345	251	553	685	432	268
906 729 1,778	×e	1,175	1,064	2,396	2,967	1,680	1,110	391	354	798	988	560	370
	folk	906	729	1,778	2,027	1,210	809	520	419	1,021	1,164	695	465
West Suffolk 1,025 814 2,029 2,559	olk	1,025	814	2,029	2,559	1,498	949	453	360	897	1,131	662	419

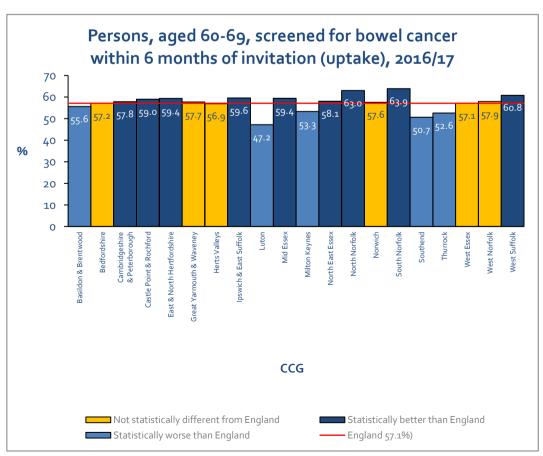
# Cancer patient experience



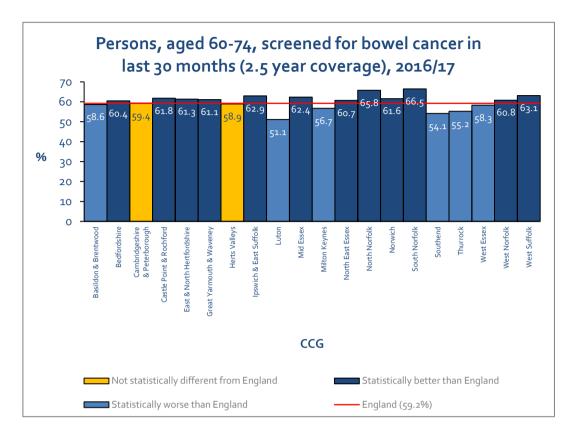


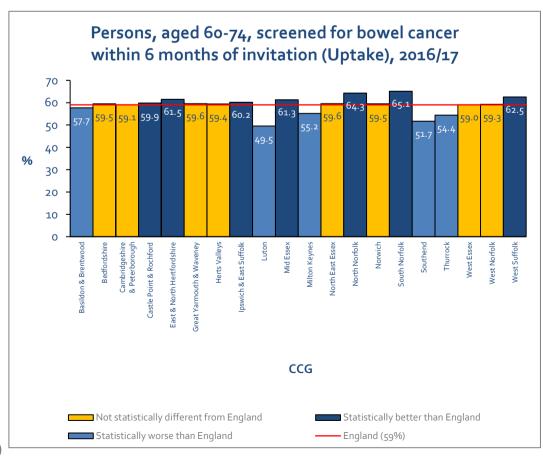
# Bowel cancer screening, ages 60-69



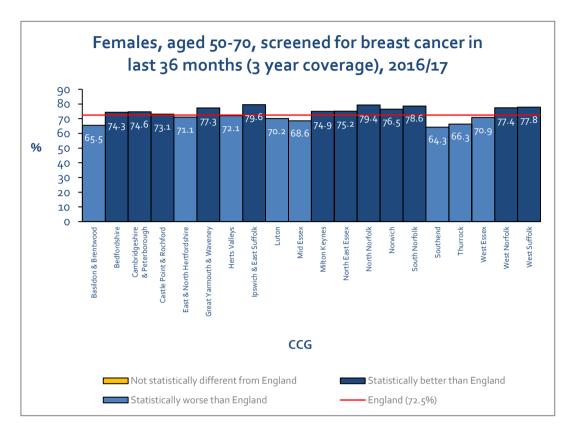


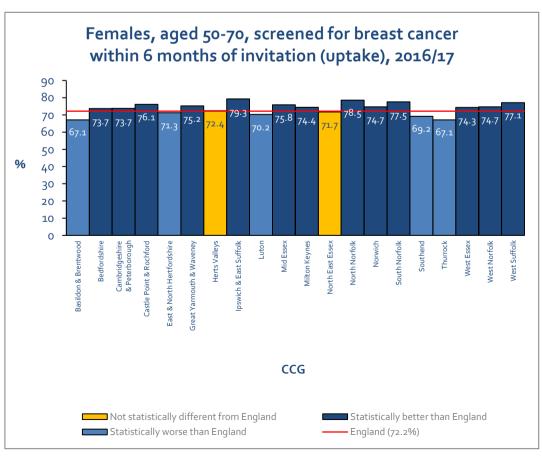
# Bowel cancer screening, ages 60-74



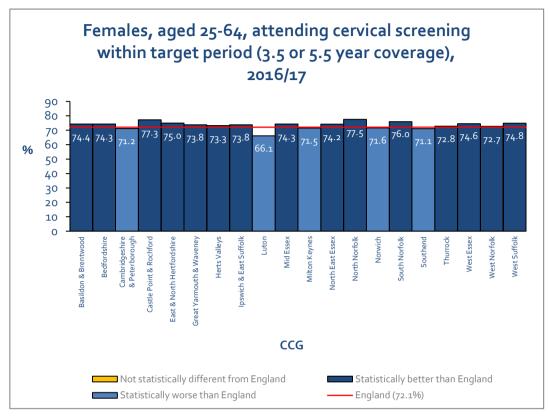


# **Breast cancer screening**

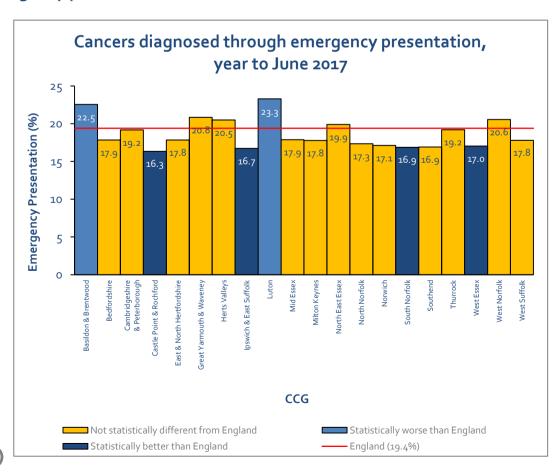




# Cervical cancer screening



# **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
Basildon & Brentwood	25%	61%	4%	10%	2,008
Bedfordshire	30%	59%	3%	8%	3,428
Cambridgeshire & Peterborough	30%	60%	4%	6%	6,550
Castle Point & Rochford	28%	58%	4%	9%	1,557
East & North Hertfordshire	26%	60%	3%	11%	4,379
Great Yarmouth & Waveney	28%	61%	5%	6%	1,973
Herts Valleys	22%	62%	3%	12%	4,394
Ipswich & East Suffolk	31%	59%	3%	6%	3,298
Luton	28%	62%	5%	5%	1,167
Mid Essex	32%	58%	2%	8%	3,293
Milton Keynes	29%	59%	3%	8%	1,783
North East Essex	31%	60%	3%	6%	2,860
North Norfolk	30%	62%	4%	5%	1,850
Norwich	31%	60%	4%	5%	1,428
South Norfolk	32%	58%	3%	6%	2,102
Southend	21%	64%	5%	10%	1,436
Thurrock	25%	63%	4%	9%	1,084
West Essex	29%	55%	4%	11%	2,482
West Norfolk	35%	57%	4%	5%	1,725
West Suffolk	32%	59%	4%	6%	1,979

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

CCG	Screen Detected	Managed	Emergency Presentation	Other	Number of Cases
Basildon & Brentwood	9%	53%	23%	16%	1535
Bedfordshire	7%	56%	24%	14%	2576
Cambridgeshire & Peterborough	7%	57%	24%	12%	5345
Castle Point & Rochford	9%	48%	23%	20%	1242
East & North Hertfordshire	8%	54%	23%	16%	3080
Great Yarmouth & Waveney	9%	56%	23%	12%	1811
Herts Valleys	8%	48%	25%	19%	3220
Ipswich & East Suffolk	7%	57%	23%	14%	3125
Luton	6%	54%	29%		937
Mid Essex	7%	54%	24%	15%	2492
Milton Keynes	6%	54%	24%	15%	1248
North East Essex	7%	57%	22%	13%	2521
North Norfolk	10%	57%	22%	11%	1578
Norwich	10%	55%	23%		1292
South Norfolk	11%	54%	23%		1848
Southend	6%	46%	26%	22%	1095
Thurrock	10%	52%	25%	13%	828
West Essex	7%	55%	23%	16%	1900
West Norfolk	9%	54%	21%	15%	1494
West Suffolk	9%	52%	24%	15%	1668





# Routes to diagnosis

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

ccG	Managed	Emergency Presentation	Other	Number of Cases
Basildon & Brentwood	47%	40%	13%	1,578
Bedfordshire	52%	36%	12%	2,154
Cambridgeshire & Peterborough	55%	30%	14%	4,642
Castle Point & Rochford	51%	37%	12%	1,374
East & North Hertfordshire	50%	33%	17%	3,009
Great Yarmouth & Waveney	44%	34%	22%	1,860
Herts Valleys	47%	38%	15%	3,002
Ipswich & East Suffolk	53%	34%	13%	2,245
Luton	50%	38%	12%	1,050
Mid Essex	48%	36%	16%	2,051
Milton Keynes	51%	36%	13%	1,269
North East Essex	50%	38%	11%	2,343
North Norfolk	32%	33%	35%	1,273
Norwich	30%	33%	37%	1,216
South Norfolk	34%	37%	29%	1,564
Southend	49%	38%	13%	1,208
Thurrock	52%	38%	10%	943
West Essex	49%	36%	15%	1,867
West Norfolk	50%	33%	17%	1,328
West Suffolk	51%	35%	14%	1,325

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

ccG	Managed	Emergency Presentation	Other	Number of Cases
Basildon & Brentwood	75%	8%	17%	1,519
Bedfordshire	81%	8%	12%	3,456
Cambridgeshire & Peterborough	81%	5%	14%	6,159
Castle Point & Rochford	74%	10%	16%	1,353
East & North Hertfordshire	79%	6%	15%	3,988
Great Yarmouth & Waveney	79%	7%	14%	2,019
Herts Valleys	75%	7%	18%	3,495
Ipswich & East Suffolk	76%	6%	17%	3,401
Luton	81%	10%	9%	1,036
Mid Essex	81%	8%	11%	2,811
Milton Keynes	80%	7%	13%	1,461
North East Essex	73%	7%	20%	2,665
North Norfolk	85%	6%	9%	1,991
Norwich	88%	6%	6%	1,379
South Norfolk	85%	5%	10%	2,372
Southend	73%	9%	18%	1,156
Thurrock	71%	10%	19%	726
West Essex	77%	6%	17%	2,383
West Norfolk	76%	5%	18%	1,822
West Suffolk	73%	5%	22%	2,217

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

	o3:	Q3: Oct-Dec 2016/17	/17	:40	04: Jan-Mar 2016/17	/17	Ö	O1: Apr-Jun 2017/18	/18	02:	O2: Jul-Sep 2017/18	18
9	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
Basildon & Brentwood	2,442	208	91%	2,320	194	%26	2,638	270	%06	2,705	320	88%
Bedfordshire	3,596	177	95%	3,702	133	%96	3,724	169	95%	3,783	176	95%
Cambridgeshire & Peterborough	7,062	232	%26	7,159	463	94%	7,404	331	%96	7,467	350	95%
Castle Point & Rochford	1,378	113	%26	1,362	78	94%	1,472	109	93%	1,533	119	92%
East & North Hertfordshire	4,395	126	%26	4,316	86	%86	4,298	95	%86	4,295	108	97%
Great Yarmouth & Waveney	1,897	46	%86	1,870	62	97%	1,932	9	%/6	1,947	71	%96
Herts Valleys	4,737	303	94%	4,492	208	95%	4,759	241	95%	4,790	235	95%
Ipswich & East Suffolk	3,166	84	%26	3,199	126	%96	3,403	176	95%	3,625	204	94%
Luton	958	56	%26	923	56	97%	1,062	47	%96	1,122	51	95%
Mid Essex	2,950	95	%26	3,002	108	%96	3,236	180	94%	3,397	276	92%
Milton Keynes	2,271	134	94%	2,039	59	97%	2,027	65	%/6	2,130	94	%96
North East Essex	2,675	62	%86	5,706	124	95%	3,098	189	94%	2,293	118	95%
North Norfolk	1,935	72	%96	1,858	113	94%	1,857	142	%26	2,005	155	92%
Norwich	1,682	37	%86	1,630	105	94%	1,705	110	94%	1,839	143	92%
South Norfolk	621,2	56	%26	1,995	114	94%	1,951	122	94%	1,956	138	93%
Southend	1,539	148	%06	1,518	116	%26	1,552	127	%26	1,596	132	92%
Thurrock	1,209	96	95%	1,275	109	91%	1,323	145	89%	1,373	135	%06
West Essex	2,948	9/	%26	2,999	80	97%	3,015	98	%/6	3,161	98	97%
West Norfolk	1,512	53	%96	1,527	62	%96	1,542	94	%/6	1,636	99	%96
West Suffolk	2,307	84	%96	2,151	126	94%	2,366	140	94%	2,358	144	94%

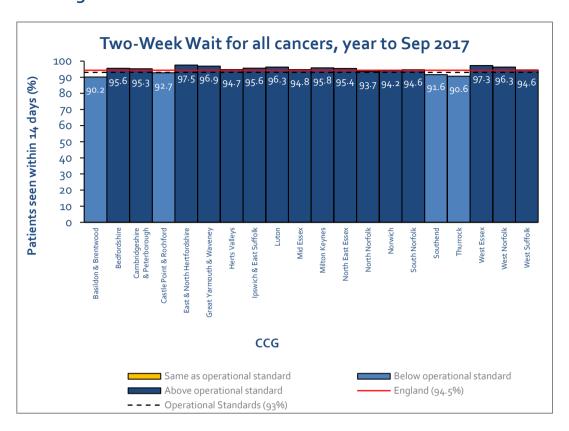
Above operational standards Below operational standards

# Cancer waiting times: 62-day standard

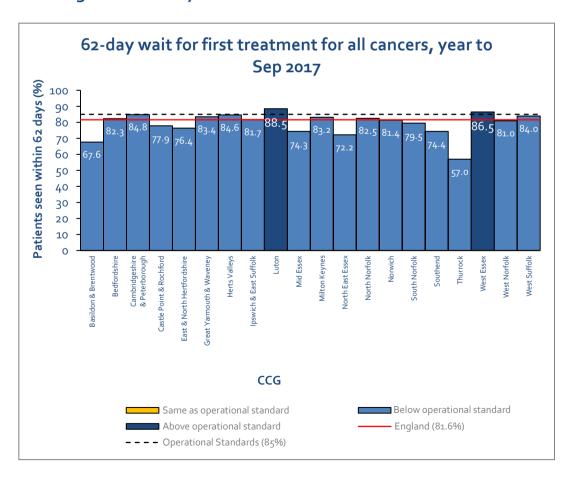
62-day standard for all cancers, year to Sep 2017

Ballotin & Pertunodid		O3:	03: Oct-Dec 2016/17	117	Ω4:	04: Jan-Mar 2016/17	71/	O	O1: Apr-Jun 2017/18	118	07	O2: Jul-Sep 2017/18	18
177         54         67M         172         61         65M         150         67M         172         61         65M         150         69M         179         67M         116         170         170         67M         170         67M         116         170         171         170         116         116         116         116         170         170         171         127         128         129		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
ugh         607         98         614         56         814         317         57         814         341         51           ugh         607         98         644         556         81         854         591         104         814         51           133         23         814         137         31         764         116         31         774         406         84           132         23         814         413         92         764         156         174         406         86         774         406         86         774         406         86         774         406         86         774         406         86         774         406         86         774         406         86         774         406         86         774         406         86         774         371         406         86         774         371         406         86         774         371         406         86         774         371         406         86         774         372         774         372         774         372         774         372         774         774         774         774         <		177	54	%69	172	61	65%	162	60	63%	190	52	73%
ugh         607         98         8,4%         91         95%         921         104         87%         921         104         87%         921         104         87%         921         104         87%         92         76%         116         31         77%         406         88         92         76%         139         92         76%         139         77%         406         86         92         77%         406         86         92         77%         406         86         86         92         77%         406         86         86         92         77%         406         86         86         87         77%         406         86         86         87         77%         406         86         86         87         77%         406         86         87         77%         406         86         87         77%         406         86         87         77%         406         86         87         77%         77%         77%         77%         77%         77%         77%         77%         77%         77%         77%         77%         77%         77%         77%         77%         77%         77% <t< th=""><th></th><th>308</th><th>59</th><th>81%</th><th>297</th><th>56</th><th>81%</th><th>317</th><th>57</th><th>82%</th><th>341</th><th>51</th><th>85%</th></t<>		308	59	81%	297	56	81%	317	57	82%	341	51	85%
133         23         63%         127         31         76%         116         31         75%         31         76%         116         31         75%         43         92         76%         116         31         77%         406         86           132         110         72%         413         92         78%         139         36         62         86         86         139         36         86         86         136         86         86         139         86         86         139         37         46         86         139         86         86         137         46         86         139         86         86         137         148         86         139         86         137         148         86         149         86         149         1	hguo	607	98	84%	536	81	85%	591	104	82%	624	75	88%
335         110         72%         413         92         78%         357         82         77%         406         88           132         27         86%         199         40         80%         199         36         83%         195         27         88         88         192         199         371         48         67%         199         27         199         27         199         27         199         27         199         27         199         27         199         27         199         27         199         66         97         199         66         97         199         66         97         199         66         97         199         66         97         199         66         97         199         190         <		133	23	83%	127	31	76%	116	31	73%	135	28	79%
192         27         86%         199         40         80%         199         37         48         87%         195         77           335         42         87%         324         55         83%         371         48         87%         359         69           346         61         82%         324         55         83%         84%         7         78%         564         64           70         6         91%         326         58         84%         7         78%         64         66           70         6         91%         30         15         85%         84         7         78%         64         7         66         66         66         66         66         66         7         78%         31         7         78%         31         7		392	110	72%	413	92	78%	357	82	77%	904	98	%62
42         87%         324         55         83%         371         48         87%         359         69           61         82%         326         53         84%         371         79         79%         364         64           6         91%         90         15         83%         84         7         92%         86         10           72         74%         309         85         72%         72         75%         314         76           73         77%         313         16         88%         135         20         85%         137         76           73         76%         318         98         69%         319         83         74%         285         86           31         76%         36         69%         319         74         76%         136         13         13         13         14         76%         18         34         14         76%         18         34         14         76         14         14         14         14         14         14         14         14         14         14         14         14         14         14		192	27	%98	199	07	80%	199	36	82%	195	27	86%
61         82%         326         53         84%         371         79         79%         364         64           6         91%         90         15         83%         84         7         92%         86         10           72         74%         309         85         72%         292         72         75%         314         76           37         77%         131         16         88%         135         20         85%         137         76           31         75%         318         98         69%         319         83         74%         78         86           31         75%         160         30         81%         173         41         76%         137         13           21         82%         113         36         68%         124         21         83%         13         13           22         70%         169         46         73%         160         34         16         20         13           34         75%         124         25         86%         160         34         12         13         13         14         10		335	42	87%	324	55	83%	371	48	87%	359	69	81%
6         91%         90         15         83%         84         7         92%         86         10           72         74%         309         85         72%         292         72%         86         10           37         74%         309         85         72%         292         72%         314         76           33         77%         131         16         88%         135         20         85%         137         72           31         76%         318         69%         319         83         74%         285         86           31         76%         36         68%         124         76%         186         15           32         76%         36         68%         124         76%         186         15           34         78%         160         77%         160         33         13         13           43         57%         186         78%         160         24         16         24           43         57%         136         78%         145         77%         118         24           43         134         135<		346	61	82%	326	53	84%	371	79	79%	364	64	82%
72         74%         399         85         72%         292         77         544         76%         314         76         76%         314         16         88%         135         20         85%         137         22           73         76%         318         98         69%         319         83         74%         285         86           31         76%         160         30         81%         173         41         76%         186         15           21         82%         113         36         68%         124         21         83%         135         13           24         78%         169         76         78         160         33         79%         161         20           43         57%         124         76         36         46         54         161         20           43         57%         127         78%         160         98         46         54%         161         20           43         57%         128         25         86%         186         31         27         128         13         24           13         1		70	9	91%	90	15	83%	84	7	%26	98	10	88%
37         77%         131         16         88%         135         20         85%         137         22           31         76%         318         98         69%         319         83         74%         285         86           31         76%         160         30         81%         173         41         76%         186         15         86           21         82%         113         36         68%         124         21         83%         132         13         14         14         14         16         14		273	72	74%	309	85	72%	292	72	75%	314	76	76%
73         76%         318         98         69%         319         83         74%         285         86           31         31         160         30         81%         173         41         76%         186         15           21         82%         113         36         68%         124         21         83%         132         13           34         78%         169         46         73%         160         33         79%         161         20           43         59         42         56%         98         27         72%         118         27           43         57%         95         42         56%         99         46         54%         106         41           13         93%         178         27         86%         184         25         86%         33           25         82%         139         78%         145         34         77%         173         24           31         83%         186         31         83%         173         20         31		162	37	77%	131	16	88%	135	20	85%	137	22	84%
31         79%         160         30         81%         173         41         76%         186         15           21         82%         113         36         68%         124         21         83%         132         13           34         78%         169         46         73%         160         33         79%         161         20           43         57%         127         98         27         72%         118         27           43         57%         95         42         56%         99         46         54%         106         41           13         93%         178         27         85%         184         25         86%         136         41           25         82%         139         145         34         77%         173         24           31         83%         186         31         83%         27         84%         205         31		302	73	76%	318	96	%69	319	83	74%	285	98	70%
21         82%         113         36         68%         124         21         83%         132         133         134         135         135         135         135         135         135         135         135         135         135         135         136         135         136         136         137         136         136         137         136         136         137         136         137         136         137         136         137		149	31	79%	160	30	81%	173	41	76%	186	15	%z6
34         78%         169         46         73%         160         33         79%         161         20           29         70%         127         30         76%         98         27         72%         118         27           43         57%         95         42         56%         99         46         54%         106         41           13         93%         178         27         86%         180         33         33           25         82%         145         34         77%         173         24           31         83%         186         31         83%         173         27         84         205         31		119	21	82%	113	36	%89	124	21	83%	132	13	%06
29         70%         127         30         76%         98         27         72%         118         27           43         57%         95         42         56%         99         46         54%         106         41           13         93%         178         27         85%         184         25         86%         180         33           25         82%         139         30         78%         145         34         77%         173         24           31         83%         13         83%         173         27         84%         205         31		158	34	78%	169	9*	73%	160	33	79%	161	20	88%
43         57%         95         42         56%         99         46         54%         106         41           13         93%         178         27         85%         184         25         86%         180         33           25         82%         139         30         78%         145         34         77%         173         24           31         83%         13         83%         173         27         84%         205         31		98	29	70%	127	30	76%	98	27	72%	118	27	77%
13         93%         178         27         85%         184         25         86%         180         33           25         82%         139         30         76%         145         34         77%         173         24           31         83%         186         31         83%         173         27         84%         205         31		100	43	57%	95	42	26%	66	46	54%	106	41	61%
25         82%         139         30         78%         145         34         77%         173         24           31         83%         136         31         83%         173         27         84%         205         31		184	13	93%	178	27	85%	184	25	86%	180	33	82%
31 83% 186 31 83% 173 27 84% 205 31		137	25	82%	139	30	78%	145	34	77%	173	24	%98
		185	31	83%	186	31	83%	173	27	84%	205	31	85%

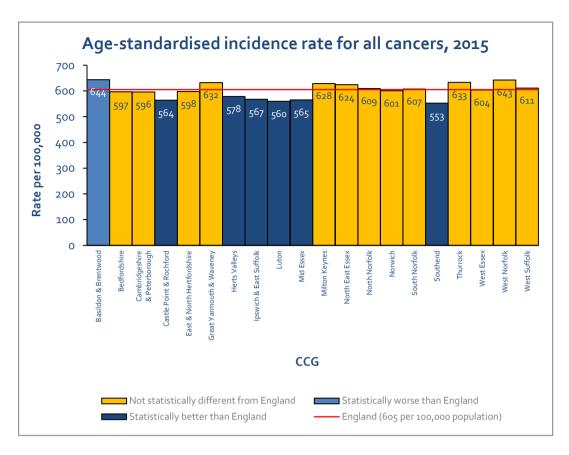
# Cancer waiting times: two-week wait



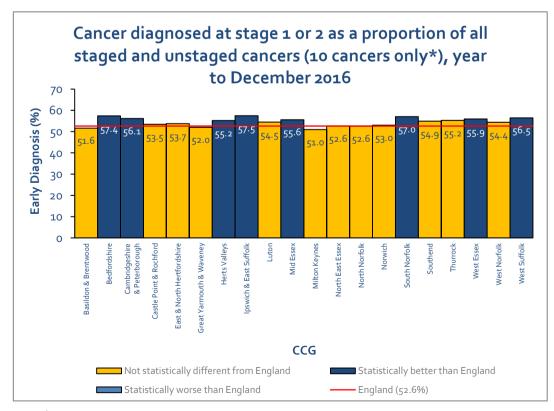
# Cancer waiting times: 62-day standard



### Cancer incidence

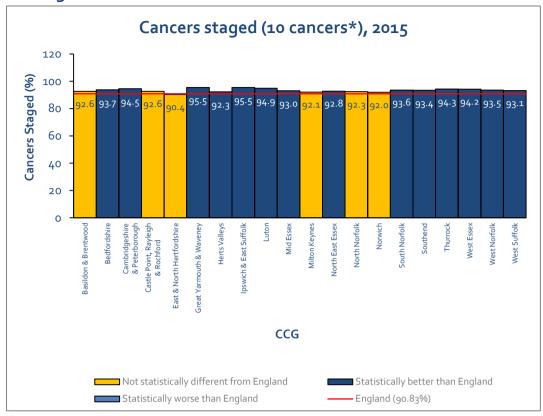


# **Early diagnosis**



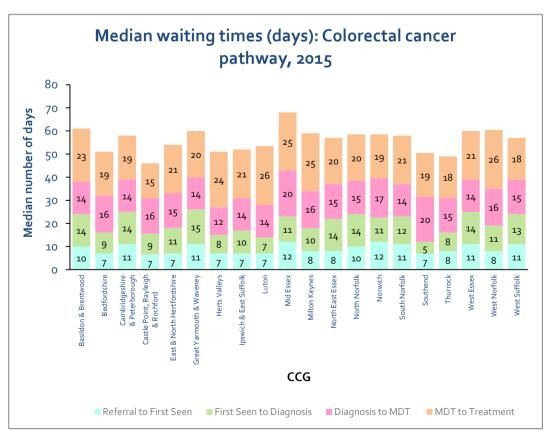
 $<sup>\</sup>star$  Invasive malignancies of breast, prostate, colorectal, lung, bladder, kidney, ovary and uterus, non-Hodgkin lymphomas, and melanomas of skin

# Cancers staged

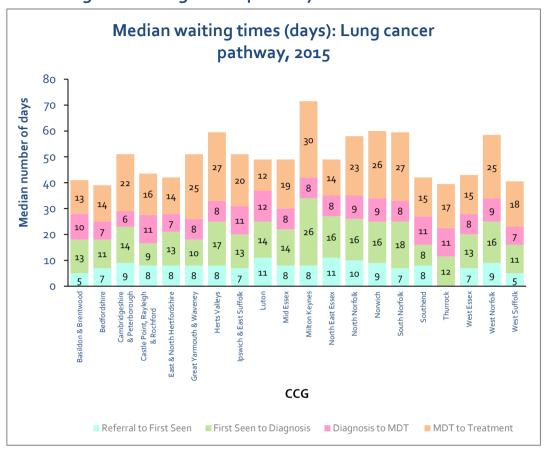


<sup>\*</sup> Invasive malignancies of breast, prostate, colorectal, lung, bladder, kidney, ovary and uterus, non-Hodgkin lymphomas, and melanomas of skin

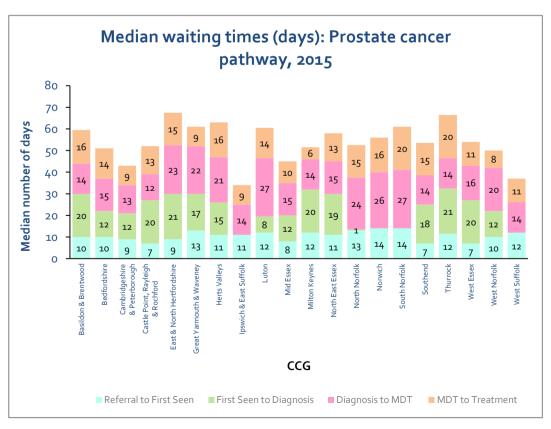
# Median waiting times: Colorectal cancer pathway



# Median waiting times: Lung cancer pathway



# Median waiting times: Prostate cancer pathway



# 8. Annex: Data sources

Indicator	Year	Source
Cancer outco	mes	'
One-year cancer survival	Patients followed up in 2016	https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/indexofcancersurvivalforclinicalcommissioninggroupsinengland/adultsdiagnosed2000t02015andfollowedupt02016/relateddata
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 pathy	vay	
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 Q <sub>3</sub> 2016/17 to Q <sub>2</sub> 2017/18; Year to Q <sub>2</sub> 2017/18	https://www.england.nhs.uk/statistics/statistical-work-areas/cancer- waiting-times/ Benchmark: Operational Standard
62-day waiting time standard	Quarterly Q <sub>3</sub> 2016/17 to Q <sub>2</sub> 2017/18; Year to Q <sub>2</sub> 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 Q <sub>3</sub> 2016	Confidence interval based on Wilson method http://www.ncin.org.uk/view?rid=36os 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: <a href="http://www.ncin.org.uk/view?rid=3544">http://www.ncin.org.uk/view?rid=3544</a>