

# NCIN service profiles – a short overview

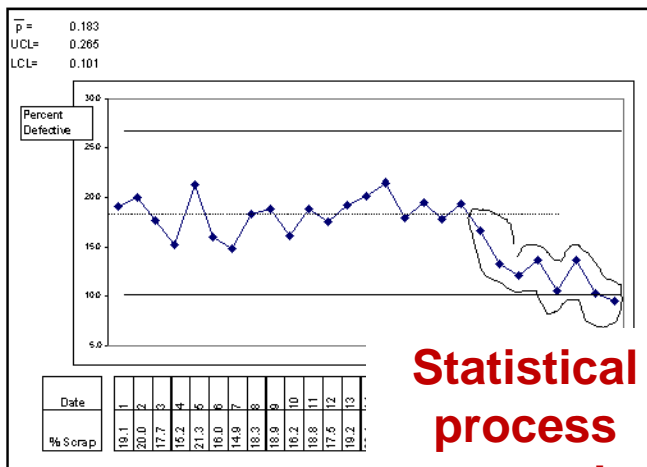
Nicky Coombes

Service Profiles Programme Manager

# National Cancer Peer Review

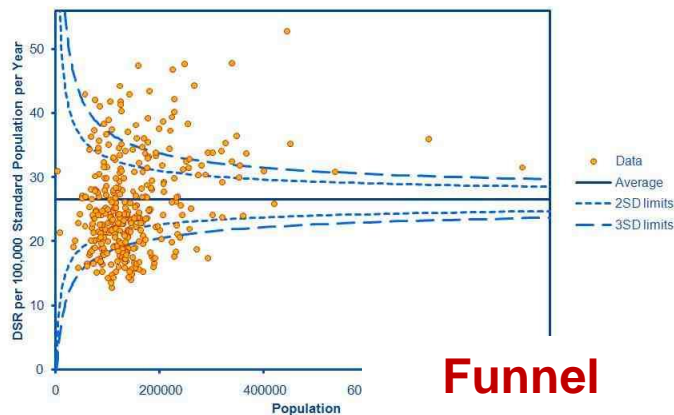
- Publication of national Peer Review report including Urology specific chapter:

# For example...



**Statistical  
process  
control**

Lung Cancer Mortality in Under 75s, 2004-06

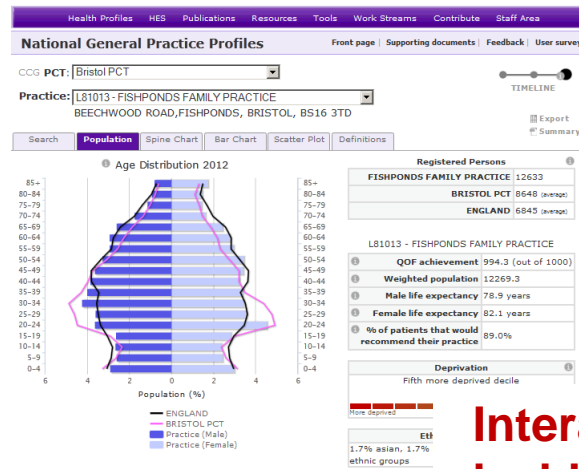


**Funnel  
plots**

Source: Compendium of Clinical and Health Indicators, 1  
Note: Population is adjusted due to Standardisation Calc

PCT Name	updated	Year	East of England	Bedfordshire	Cambridgeshire	East & North Hertfordshire	Great Yarmouth & Luton	Mid Essex	North Essex	North East Essex	North Essex	South Essex	South East Essex	West Essex	West Essex	West Essex	West Essex
Improving lives, saving lives: Pledge II																	
Percentage of eligible children in Reception with height and weight measurements	Y	2007/08	87.9	93.6	87.1	95.0	96.1	91.1	76.7	90.9	93.1	89.5	84.2	90.0	90.3	91.2	88.8
Percentage of obese children in Reception	Y	2007/08	9.3	8.7	8.9	8.7	10.4	10.6	8.7	9.1	9.0	12.6	8.3	10.8	8.8	8.2	8.8
Percentage of eligible children in Year 6 with height and weight measurements	Y	2007/08	84.0	88.9	83.2	86.8	89.7	92.5	83.4	88.5	90.3	87.0	83.2	87.4	85.7	86.5	85.6
Percentage of obese children in Year 6	Y	2007/08	16.7	15.1	17.0	16.3	16.6	20.5	15.7	16.0	15.5	19.1	16.9	17.5	14.4	17.6	15.2
Percentage of women smoking at delivery*	Y	2007/08	14.3	10.6	11.6	14.6	DNR	17.6	10.5	13.1	20.4	16.1	14.0	11.3	13.8	14.4	14.8
Percentage of maternities with known smoking status	Y	2007/08	98.2	95.8	100.0	100.0	DNR	96.0	95.1	95.5	99.7	100.0	98.8	98.6	99.1	97.2	100.0
Percentage of mothers known to initiate breastfeeding*	Y	2007/08	73.0	65.3	79.0	73.8	68.1	DNR	73.8	73.5	57.5	70.3	63.8	73.9	75.8	76.8	
Percentage of maternities with known breastfeeding status	Y	2007/08	98.1	95.2	100.0	99.0	97.6	DNR	95.2	99.9	100.0	97.8	98.1	99.4	95.6	99.3	
Number of tests for Chlamydia per 100,000 aged 15-24	Y	2008/09 Q2	130.4	180.1	121.4	140.1											
Teenage conception rates per 1,000 females aged 15-17		2004-06	22.8	22.6	24.9	27.8											
Percentage of children who have had the first dose of MMR by their second birthday	Y	2007/08	84	95.7	94.0	98.4											

**Tartan rugs**



**Interactive  
dashboards**

# Profiles...

Section	#	Indicator	No. of patients/ cases or value	Percentage or rate			Trust rate or percentage compared to England			Source	Period		
				Trust	Lower 95% confidence limit	Upper 95% confidence limit	England	Low- est	Range			High- est	
Size	1	Number of newly diagnosed lung cancer patients per year, 2010 [experimental] (1)	304				207	41		588	NCDR	2010	
	2	Number of NLCA patients - lung cancer	329				191	1		585	NLCA	2011	
	3	Number of NLCA patients - mesothelioma	11				10	0		31	NLCA	2011	
Demographics (based on newly diagnosed patients, 2010)	4	Patients (from #1) aged 70+	188	62%	56%	67%	61%	39%		75%	NCDR	2010	
	5	Patients (from #1) with recorded ethnicity	295	97%	94%	98%	93%	66%		100%	NCDR	2010	
	6	Patients (from #5) with recorded ethnicity which is not White-British	3	1%	0%	3%	7%	0%		46%	NCDR	2010	
	7	Patients (from #1) who are Income Deprived (2)		29%			16%	7%		34%	NCDR	2010	
	8	Male patients (from #1)	161	53%	47%	58%	55%	43%		72%	NCDR	2010	
	9	Number and proportion of patients (from #2) with a stage assigned	326	99%	97%	100%	92%	36%		100%	NLCA	2011	
	10	Number and proportion of patients, excluding SCLC, with stage I or II assigned	83	29%	24%	35%	24%	10%		68%	NLCA	2011	
	11	Number and proportion of patients, excluding SCLC, with a stage IIIA assigned	36	13%	9%	17%	14%	4%		30%	NLCA	2011	
	12	Number and proportion of patients, excluding SCLC, with a stage IIIB and IV assigned	167	58%	53%	64%	62%	13%		80%	NLCA	2011	
	13	Proportion of patients (from #2) with a Performance Status assigned	286	87%	83%	90%	89%	2%		100%	NLCA	2011	
	Specialist Team	14	Peer review: Does the specialist team have full membership? (3)	SA	Yes							NCPR	2010/11
		15	Peer review: Proportion of peer review indicators met	SA	85%			89%					NCPR
16		Peer review: are there immediate risks? (4)	SA	No								NCPR	2010/11
17		Peer review: are there serious concerns? (4)	SA	No								NCPR	2010/11
18		Number and proportion of patients (from #2) seen by CNS (5)	206	63%	57%	68%	79%	0%		100%	NLCA	2011	
Throughput and pathology	19	Number of urgent GP referrals for suspected cancer	406				293	0		85%	CWT	2010/11	
	20	Number and proportion of patients (from #2) with confirmed NSCLC	184	56%	52%	60%	62%	0%		93%	NLCA	2011	
	21	Number and proportion of patients (from #2) with confirmed SCLC	40	12%	9%	16%	12%	0%		100%	NLCA	2011	
	22	Number and proportion of patients (from #2) with confirmed NSCLC who are diagnosed NOS	21	11%	8%	17%	19%	0%		79%	NLCA	2011	
	23	Number and proportion of patients (from #2) with histological confirmation of diagnosis	228	69%	64%	74%	77%	52%		100%	NLCA	2011	
	24	Estimated proportion of tumours with emergency presentations [experimental]	94	47%	40%	54%	37%	2%		97%	HES	2011	
Waiting times	25	Q2 2012/13: Urgent GP referral for suspected cancer seen within 2 weeks	135	96%	92%	98%	97%	88%		100%	CWT	2012/13 Q2	
	26	Q2 2012/13: Treatment within 62 days of urgent GP referral for suspected cancer	15	73%	52%	87%	80%	0%		100%	CWT	2012/13 Q2	
	27	Urgent GP referrals for suspected cancer diagnosed with cancer [experimental]	103	25%	21%	30%	24%	4%		46%	CWT	2011/12	
	28	Cases treated that are urgent GP referrals with suspected cancer [experimental]	34	25%	19%	33%	39%	0%		76%	CWT	2011/12	
	29	Q2 2012/13: First treatment began within 31 days of decision to treat	14	100%	78%	100%	99%	91%		100%	CWT	2012/13 Q2	
Practice	30	No. and proportion of patients (from #2) receiving surgery, chemotherapy and/or radiotherapy	174	53%	47%	58%	60%	36%		100%	NLCA	2011	
	31	No. and proportion resected of patients (from #2) excluding confirmed SCLC	50	17%	13%	22%	16%	0%		38%	NLCA	2011	
	32	No. and proportion resected of patients (from #2) with confirmed NSCLC	48	26%	20%	33%	21%	0%		45%	NLCA	2011	
	33	No. and proportion resected of patients (from #2), excluding confirmed SCLC, with stage I and II disease	40	48%	38%	59%	53%	0%		100%	NLCA	2011	
	34	No. and proportion of patients (from #2) with confirmed SCLC receiving chemotherapy	27	68%	52%	80%	68%	0%		100%	NLCA	2011	
	35	No. and prop. of patients (from #2) with stage IIIB/IV, PS 0-1 excl. conf. SCLC, receiving chemotherapy	28	58%	44%	71%	55%	0%		100%	NLCA	2011	
Outcomes and Recovery	36	First outpatient appointments and proportion of all outpatient appointments	23,053	41%	41%	41%	32%	15%		68%	PBR SUS	2011/12	
	37	NLCA: Median survival in days and adjusted hazard ratio for mortality	176	0.95	0.82	1.11	1.0	0.57		1.49	NLCA	2011	
	38	NLCA: Proportion of patients surviving at one year and adjusted odds ratio of surviving 1 year	34%	1.43	0.97	2.11	1.0	0.40		2.69	NLCA	2011	
Patient Experience - CPES (8)	39	Patients surveyed & % reporting always being treated with respect & dignity (6)	13	n/a			83%	66%		100%	CPES	2011/12	
	40	Number of survey questions and % of those questions scoring red and green (7)	% Red	0	n/a			0%		78%	CPES	2011/12	
	% Green		0	n/a			0%		69%	CPES	2011/12		

# Profiles... why?

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	11	Number a									NLCA	2011
	12	Number a									NLCA	2011
	13	Proportion									NLCA	2011
Specialist Team	14	Peer review									NCPR	2010/11
	15	Peer review									NCPR	2010/11
	16	Peer review									NCPR	2010/11
	17	Peer review									NCPR	2010/11
	18	Number a									NLCA	2011
Throughput and pathology	19	Number c									CWT	2010/11
	20	Number a									NLCA	2011
	21	Number a									NLCA	2011
	22	Number a									NLCA	2011
	23	Number a									NLCA	2011
	24	Estimated									HES	2011
Waiting times	25	Q2 2012/									CWT	2012/13 Q2
	26	Q2 2012/									CWT	2012/13 Q2
	27	Urgent GP referrals for suspected cancer diagnosed with cancer [experimental]	103	25%	21%	30%	24%	4%		46%	CWT	2011/12
Practice	28	Cases treated that are urgent GP referrals with suspected cancer [experimental]	34	25%	19%	33%	39%	0%		76%	CWT	2011/12
	29	Q2 2012/13: First treatment began within 31 days of decision to treat	14	100%	78%	100%	99%	91%		100%	CWT	2012/13 Q2
	30	No. and proportion of patients (from #2) receiving surgery, chemotherapy and/or radiotherapy	174	53%	47%	58%	60%	36%		100%	NLCA	2011
	31	No. and proportion resected of patients (from #2) excluding confirmed SCLC	50	17%	13%	22%	16%	0%		38%	NLCA	2011
	32	No. and proportion resected of patients (from #2) with confirmed NSCLC	48	26%	20%	33%	21%	0%		45%	NLCA	2011
	33	No. and proportion resected of patients (from #2), excluding confirmed SCLC, with stage I and II disease	40	48%	38%	59%	53%	0%		100%	NLCA	2011
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Outcomes and Recovery	35	No. and prop. of patients (from #2) with stage IIIB/IV, PS 0-1 excl. conf. SCLC, receiving chemotherapy	28	58%	44%	71%	55%	0%		100%	NLCA	2011
	36	First outpatient appointments and proportion of all outpatient appointments	23,053	41%	41%	41%	32%	15%		68%	PBR SUS	2011/12
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Patient Experience - CPES (8)	38	NLCA: Proportion of patients surviving at one year and adjusted odds ratio of surviving 1 year	34%	1.43	0.97	2.11	1.0	0.40		2.67	NLCA	2011
	39	Patients surveyed & % reporting always being treated with respect & dignity (6)	13	n/a			83%	66%		100%	CPES	2011/12
	40	Number of survey questions and % of those questions scoring red and green (7)	% Red	n/a				0%			78%	CPES
41	% Green	n/a					0%			69%	CPES	2011/12

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- Allows a ‘at a glance’ assessment of an organisation

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# Profiles – process

- Aim: Benchmark and assess trust/MDT for commissioning & clinical review
- Developed from similar Breast/Colorectal/Lung profiles published Dec 2011, Feb 2013)
- Data – cancer registry, CWT, Audit, CPES, HES, Peer Review
- Routinely collected – no extra burden on clinical teams
- Roughly half indicators generic, half specialist.
- Specialist indicators largely drawn from Audit and Clinical Lines of Enquiry
- A NCIN /KIT partnership
- Hosted in the Cancer Commissioning Toolkit
- [www.cancertoolkit.org.uk](http://www.cancertoolkit.org.uk)

# Profile anatomy

Section	#	Indicator	Percentage or rate				Trust rate or percentage compared to England				Source	Period
			No. of patients/cases or value	Trust	Lower 95% confidence limit	Upper 95% confidence limit	England	Lowest	Range	Highest		
Size	1	Number of newly diagnosed lung cancer patients per year, 2010 [experimental] (1)	304				20	41		588	NCDR	2010
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	12	Number and proportion of patients, excluding SCLC, with a stage IIIB and IV assigned	167	58%	53%	64%	62%	13%		80%	NLCA	2011
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	14	Peer review: Doe									NCPR	2010/11
	15	Peer review: Pro										
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Throughput and pathology	19	Number of urgent										
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Waiting times	23	Number and proportion of patients (from #2) with histological confirmation of diagnosis	228	69%	64%	74%	77%	52%		100%	NLCA	2011
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	39	Patients surveyed & % reporting always being treated with respect & dignity (6)	13	n/a			83%	66%		100%	CPES	2011/12
	40	Number of survey questions and % of those questions scoring red and green (7)	0	n/a				0%		78%	CPES	2011/12
	41			n/a				0%		69%	CPES	2011/12

**Indicator descriptions (41)**

**Numbers, rates, and comparators**

**Spine chart & range of data**

**Sources & Dates**

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Outcomes and Recovery	36	First outpatient appointments and proportion of all outpatient appoi							68%	PBR SUS	2011/12
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Patient Experience - CPES (8)	39	Patients surveyed & % reporting always being treated with respect & dignity (6)							100%	CPES	2011/12
	40	Number of survey questions and % of those questions scoring red and green (7)							78%	CPES	2011/12

**Size – no. patients diagnosed**

**Patient demographics  
(including stage/PS)**

**Specialist team – Peer Review concerns and CNS coverage**

**Throughput and pathology – patient breakdown**

**Waiting times performance and conversion/detection rates**

**Clinical practice**

**Outcomes and recovery**

**Patient Experience**

# Profiles overview

- Contains many relevant process, clinical, and outcome indicators – but new data gives new opportunities
- Profile format is strong at assessing and benchmarking organisations (but not the whole story)



**Cancer Outcomes Conference**  
**9 & 10 June 2014**  
**Hilton Birmingham Metropole**

**[www.ncin.org.uk/conference](http://www.ncin.org.uk/conference)**



**ukiacr**  
United Kingdom and Ireland  
Association of  
Cancer Registries



**NCIN**  
national cancer  
intelligence network

*Using information to improve quality & choice*

**The Cancer Outcomes Conference 2014 will explore the ‘power of information’ both locally and nationally.**

**It will examine how UK-wide cancer registration data and other health related datasets are being exploited to reduce cancer incidence, mortality and morbidity.**

**To find out more, visit [www.ncin.org.uk/conference](http://www.ncin.org.uk/conference)**



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Cancer  
Research  
Institute

[nickycoombes@nhs.net](mailto:nickycoombes@nhs.net)

020 7654 8148

[www.ncin.org.uk](http://www.ncin.org.uk)