



Organisation

Type

Period

Surrey Heath

The Spend and Outcome Tool (SPOT) gives organisations in England an overview of spend and outcomes across key areas of business.

The profile supports understanding of the overall relationship between spend and outcomes, by identifying areas of significant variance which are likely to require more in-depth analysis.

SPOT includes a large number of measures of spend and outcomes from several different frameworks. A number of different benchmarks are used to provide a range of peer comparisons.

SPOT has been developed as part of the Public Health England health economics programme.

A video introduction to the use of SPOT is available on the SPOT website.

CCG financial data cannot be compared between years (see FAQ).

Contact: Please do send your feedback, ask a question, report a problem or suggest an improvement.

healthconomics@phe.gov.uk

Group membership	
Collection	Group
Commissioning Region	South of England
Region	NHSE South East
ONS cluster	Prospering Southern England
Deprivation decile	Deprivation deciles 0-3
NHSE cluster	Areas with lower deprivation and

Top 10 areas by spend per head	
Programme	Spend
Total	£1,201
Other	£222
Mental Health	£130
Musculo Skeletal	£91
Circulation	£77
Gastro Intestinal	£71
Respiratory System	£68
Neurological	£65
Maternity	£58
Genito Urinary	£58
Trauma and Injuries	£57



Spend and outcome tool: Quadrant chart

Organisation

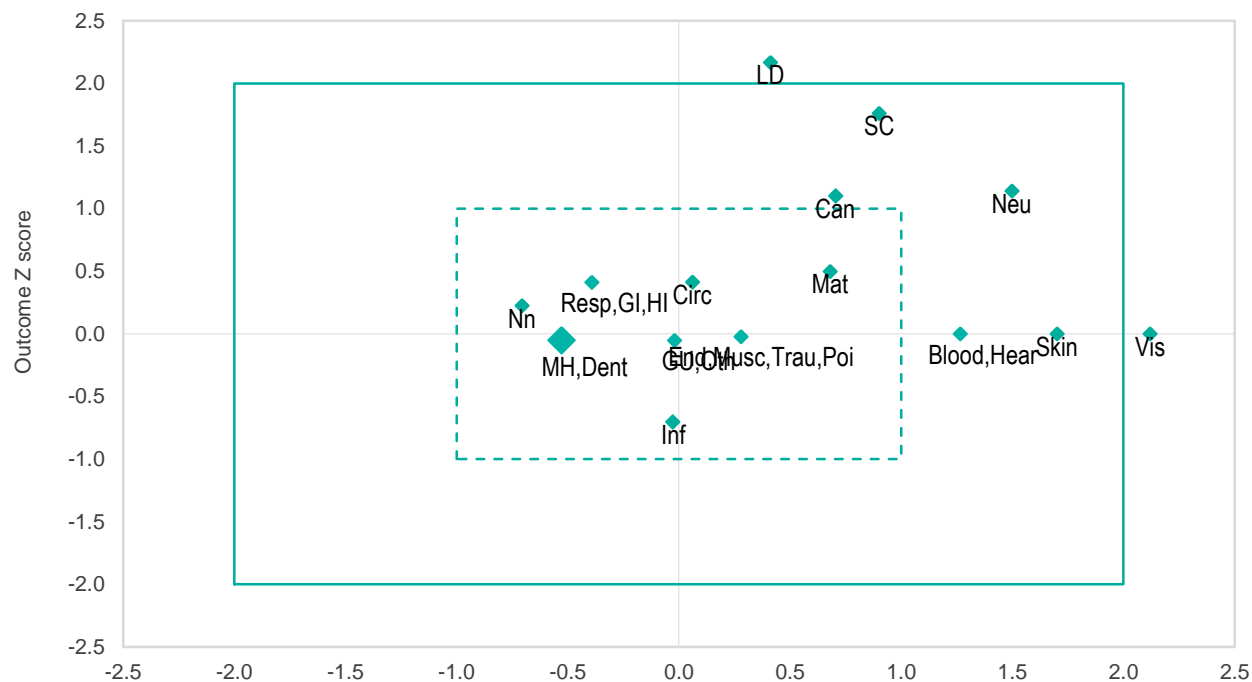
Type

Weighted Unweighted outcomes

Period

Lower spend,
Better outcome

Higher spend,
Better outcome



Lower spend,
Worse outcome

Spend per head Z score

Higher spend,
Worse outcome

Z score:

A z score essentially measures the distance of a value from the mean (average) in units of standard deviations. A positive z score indicates that the value is above the mean, whereas a negative z score indicates that the value is below the mean. A z score below -2 or above +2 may indicate the need to investigate further. Each dot represents a programme budget category.

Interpreting the chart:

Each dot represents a programme budget category. The outcome measures on the chart have been chosen because they are reasonably representative of the programme as a whole. This means that for Other and Total programmes no outcome data is available. The source data for the outcome measures shown on the chart can be found in the Spend and Outcome Tool.

A programme lying outside the solid +/- 2 z scores box, may indicate the need to investigate further. If the programme lies to the left or right of the box, the spend may need reviewing, and if it lies outside the top or bottom of the box, the outcome may need reviewing. Programmes outside the box at the corners may need a review of both spend and outcome. Programmes lying outside the dotted/thin +/- 1 z score box may also warrant further exploration.

Details of the specific spend and outcome measured used are available in the Reference tab.

CCG chart quadrant key

Inf	Infection	GI	Gastro Intestinal
Can	Cancers	Skin	Skin
Blood	Blood	Musc	Musculo Skeletal
End	Endocrine	Trau	Trauma and Inj.
MH	Mental Health	GU	Genito Urinary
LD	Learning Dis.	Mat	Maternity
Neu	Neurological	Nn	Neonates
Vis	Vision	Poi	Poisoning...
Hear	Hearing	HI	Healthy Individ.
Circ	Circulation	SC	Social Care
Resp	Respiratory Sys.	Oth	Other
Dent	Dental		



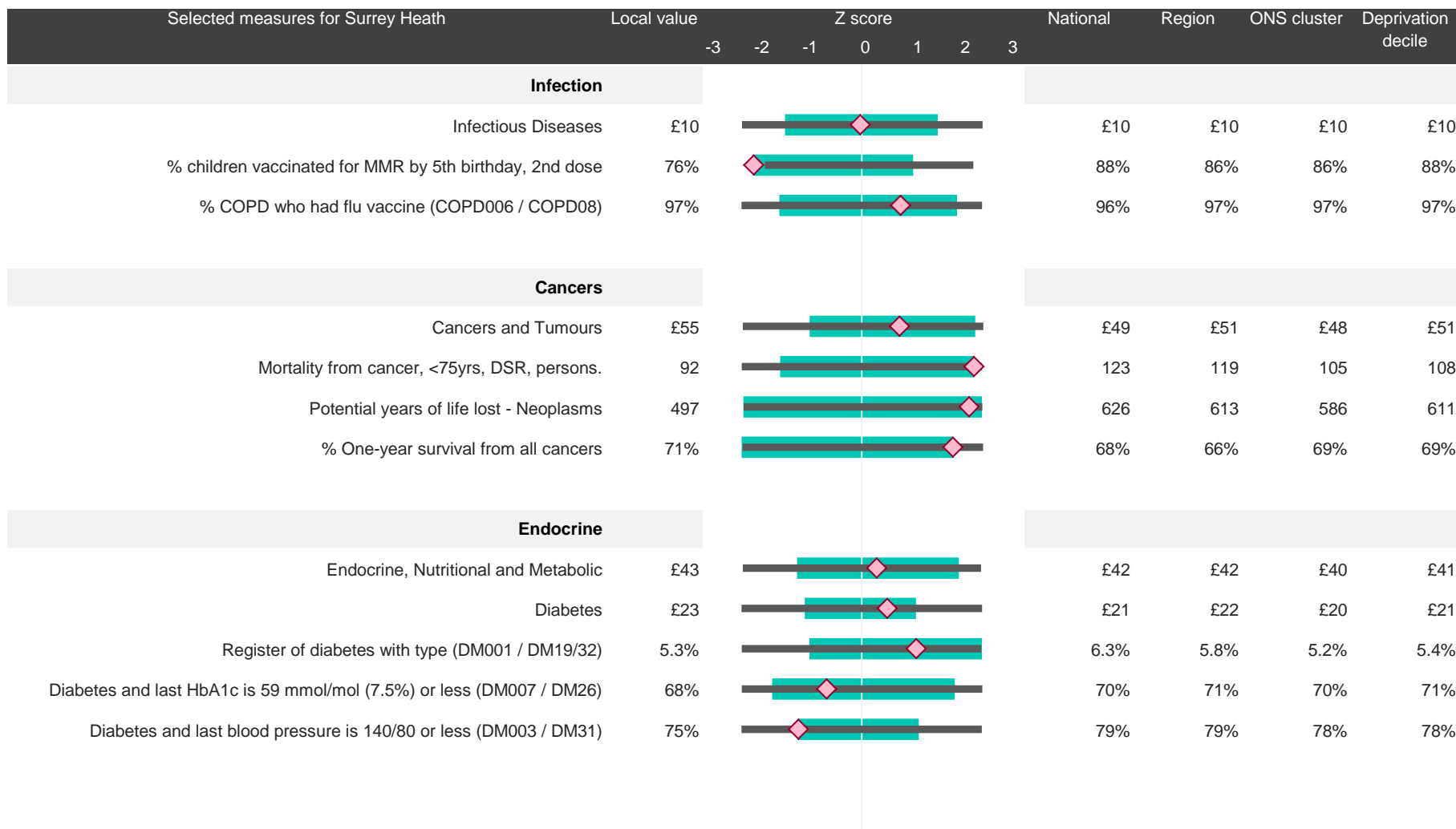
Spend and outcome tool: Multi-programme spine chart

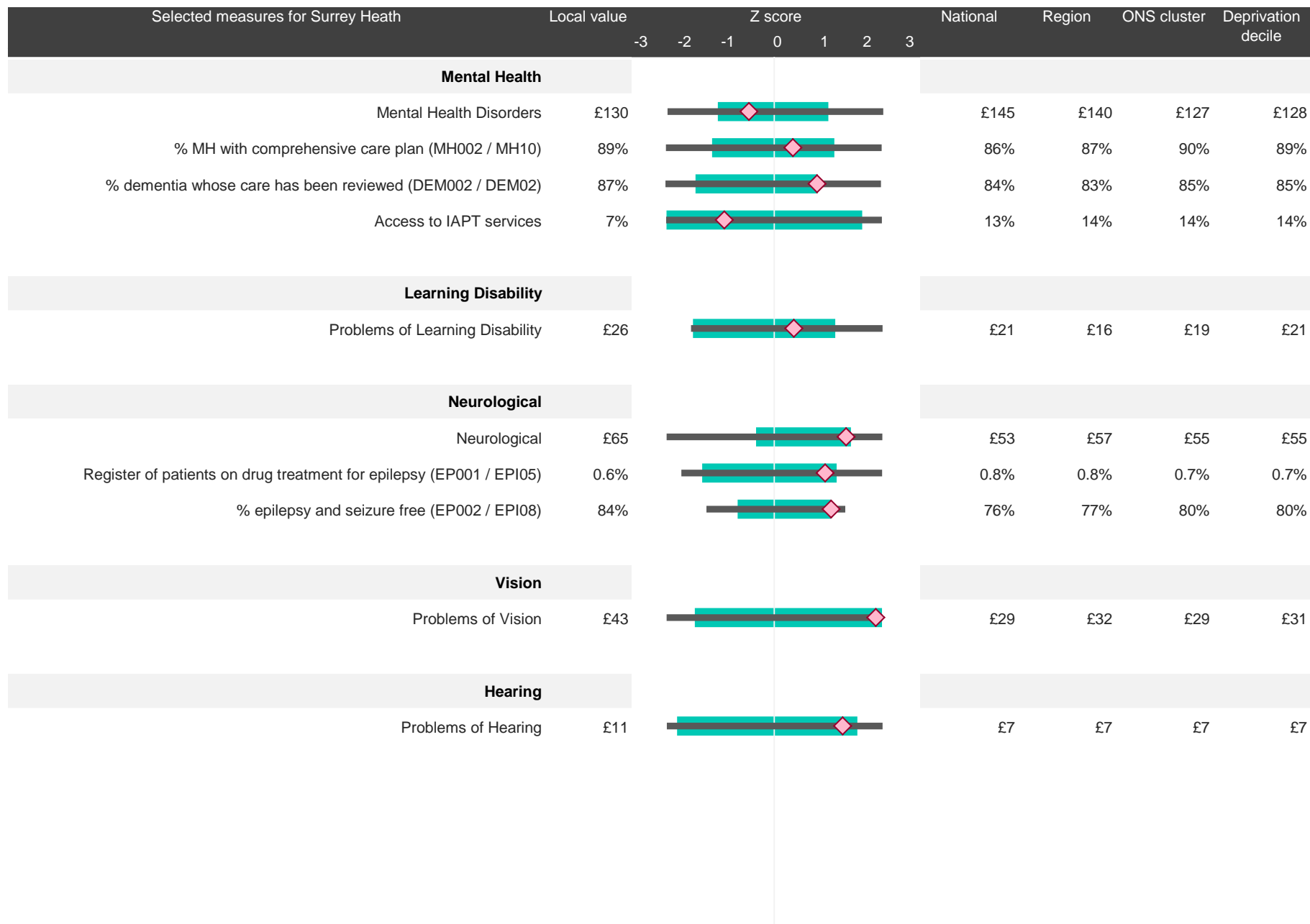
Organisation

Type

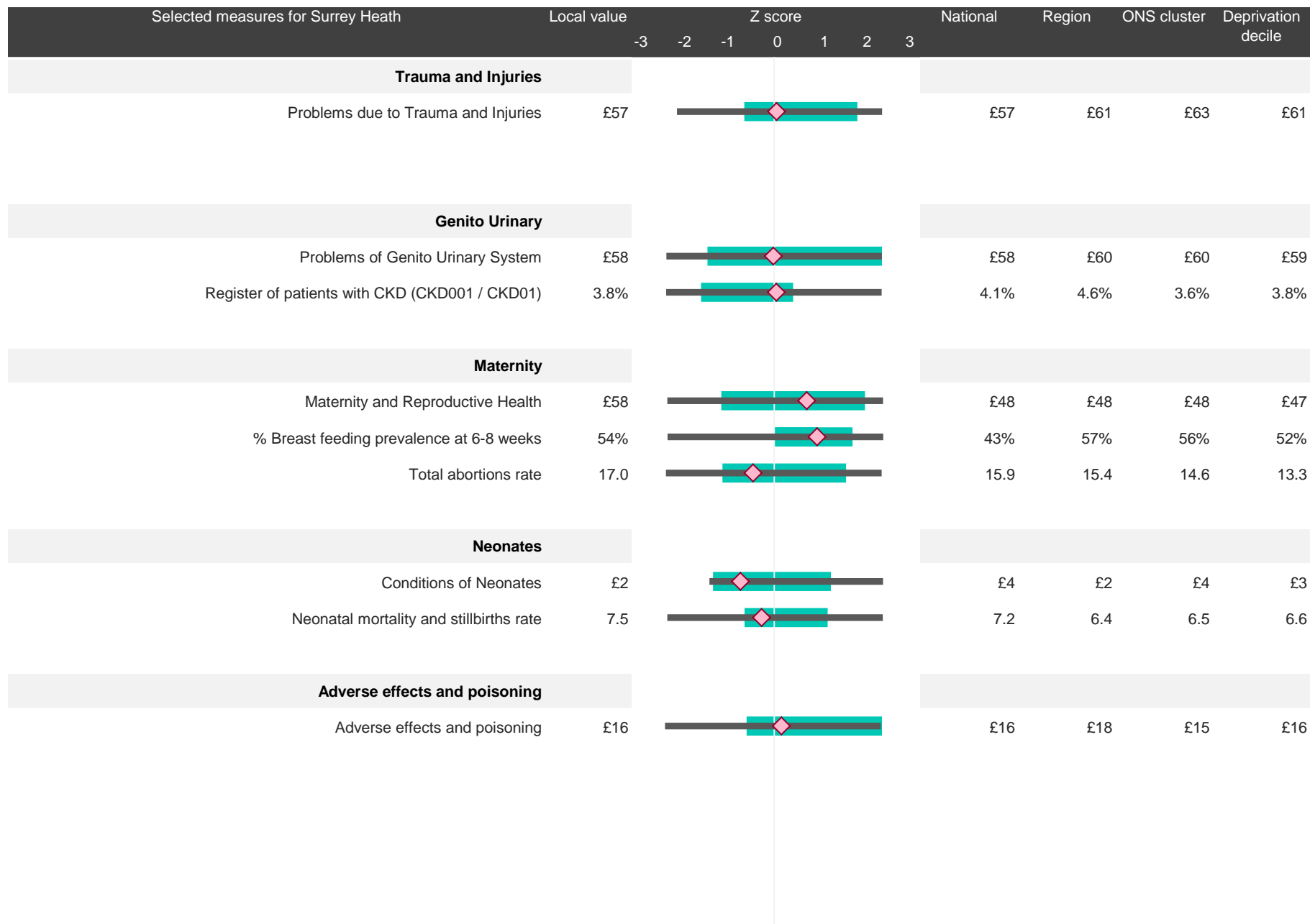
Period

Legend
 Surrey Heath
 Region upper/lower whisker
 National upper/lower whisker





Selected measures for Surrey Heath		Local value	Z score					National	Region	ONS cluster	Deprivation decile		
			-3	-2	-1	0	1	2	3				
Circulation													
	Problems of Circulation	£77						£77	£79	£77	£78		
	Mortality from cardiovascular disease. <75yrs, DSR, persons.	58						67	56	50	51		
	Potential years of life lost - Ischaemic Heart Disease	502						693	548	474	498		
	Potential years of life lost - Cerebrovascular Diseases	168						238	200	193	193		
Respiratory System													
	Problems of the Respiratory System	£68						£71	£69	£69	£68		
	Mortality from respiratory disease. <75yrs, DSR, persons.	24						29	25	20	20		
Dental													
	Dental Problems	£0						£2	£2	£3	£2		
Gastro Intestinal													
	Problems of Gastro Intestinal System	£71						£75	£74	£75	£74		
	Mortality from liver disease, <75yr, DSR, persons	10						16	14	12	12		
	Emergency admission rate for alcohol related liver disease	15						25	17	14	15		
Skin													
	Problems of the Skin	£35						£29	£28	£31	£30		
Musculo Skeletal													
	Problems of Musculo Skeletal System	£91						£86	£90	£94	£95		
	Hip replacement, EQ-5D, Health Gain	0.40						0.42	0.44	0.42	0.43		



Selected measures for Surrey Heath		Local value	Z score						National	Region	ONS cluster	Deprivation decile	
			-3	-2	-1	0	1	2	3				
Healthy Individuals													
	Healthy Individuals	£5								£7	£5	£5	£5
	Child development checks (CHS001)	100%								99%	99%	100%	100%
	% patients with smoking status (SMOK001 / SMOKE07/REC23)	85%								86%	85%	85%	86%
	Register of BMI 30+ (OB001 / OB01)	6.6%								9.6%	8.2%	7.0%	7.8%
Social Care													
	Social Care Needs	£43								£23	£28	£21	£23
	% people who feel supported to manage their long-term condition	72%								65%	64%	66%	67%
Other													
	Other Areas of Spend/Conditions:	£222								£233	£233	£198	£206
	General Medical Services/ Personal Medical Services	£1								£4	£5	£3	£2
	Misc - other	£10								£45	£70	£33	£31
Total													
	Total	£1,201								£1,152	£1,167	£1,109	£1,121
	DSR (PYLL) from causes considered amenable to healthcare	1389								2069	1839	1653	1714
	Index of multiple deprivation	7.8								22.1	16.6	9.9	10.9



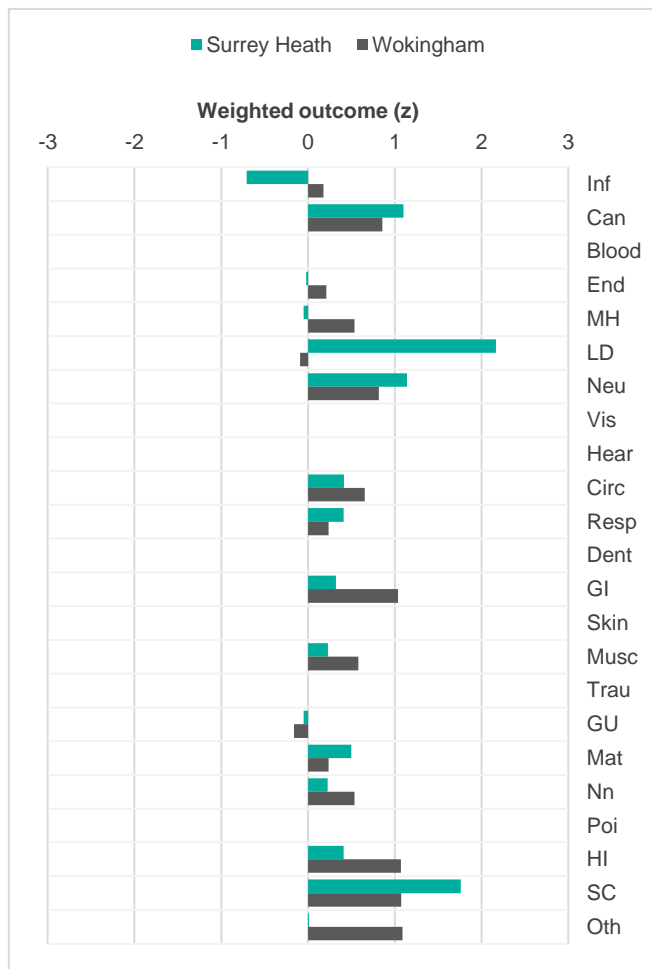
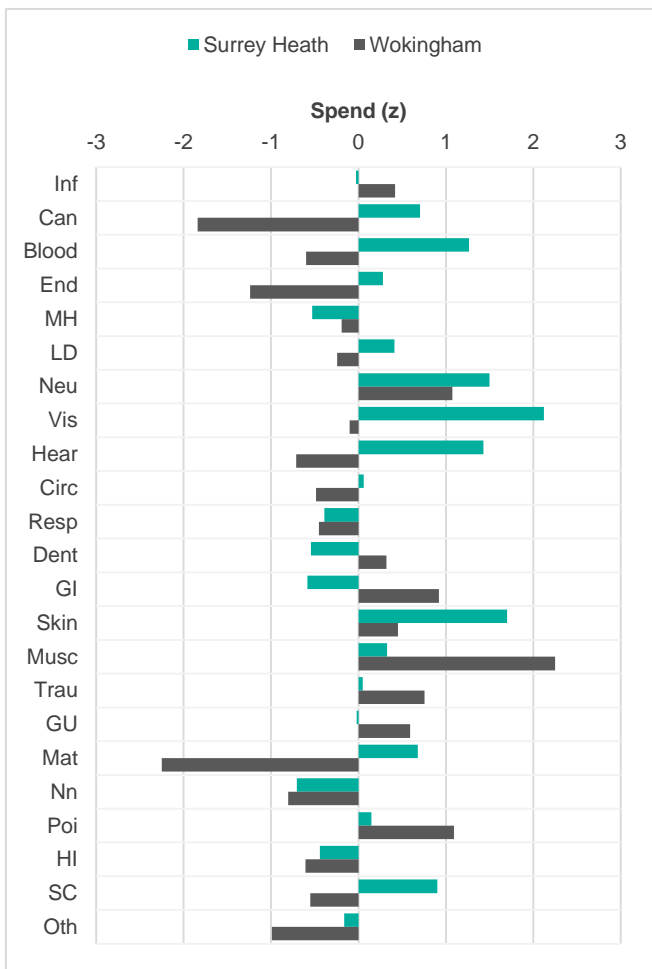
Spend and outcome tool: Standardised comparator

Organisation Surrey Heath

Type CCG

Weighted Unweighted outcomes

Period 2015



Chosen Comparison Wokingham

Interpreting the chart:

This chart shows spend and outcome z scores for each programme for both the organisation and a chosen comparator organisation.

The default chosen comparator is one of the nearest neighbours to the organisation on a number of measures.

If a programme spend z score is less than -2 then the organisation spend is significantly less than other organisations on this programme. If the programme spend z score is more than +2 then the organisation spend is significantly more than other organisations on this programme.

The programme outcome may be a single measure, or a weighted combination of measures.

If the programme outcome z score is less than -2 then the organisation has a worse outcome than other organisations. If the programme outcome z score is more than +2 then the organisation has a better outcome than other organisations.



Spend and outcome tool: Outliers summary

Organisation

Type

Period

	Spend	Outcome
Low/worse	0	6
High/better	6	14
No data	0	8
All measures	69	215

This table shows all specific measures where the organisation appears to be an outlier, or where no data is available. The organisation is categorised as an outlier on a measure if the organisation value is outside the boxplot whisker or z score is beyond +/- 2. Spend is low for low outliers and high for high outliers. Outcomes are worse for worse outliers and better for better outliers. On all other measures, the organisation is not considered an outlier. Where there is no data for a measure, the organisation may wish to explore the reasons behind this. This may help in identifying specific elements of a programme to focus on. They can be explored further in the boxplots and "Detail Quadrant".

Programme	Source	Measure	Label	Value	National quartile	Status
Infection						
	Outcome	PI003	% children vaccinated for MMR by 2nd birthday	84%	88%	worse outlier
	Outcome	PI004	% children vaccinated for MMR by 5th birthday, 2nd dose	76%	81%	worse outlier
	Outcome	PI005	% children vaccinated for whooping cough by 1st birthday	88%	91%	worse outlier
Cancers						
	Spend	SP2e	Cancer, Skin	£4	£2	high outlier
	Outcome	NOF1neo_P	Potential years of life lost - Neoplasms	497	624	better outlier
	Outcome	CCG OIS 1.1 Ca	DSR (PYLL) from Neoplasms amenable to healthcare	497	624	better outlier
	Outcome	CCG OIS 1.9 P	Mortality from cancer, <75yrs, DSR, persons.	92	121	better outlier
	Outcome	CCG OIS 1.9 M	Mortality from cancer. <75yrs, DSR, males.	91	128	better outlier
	Outcome	CCG OIS 1.11 P	% One-year survival from breast, lung and colorectal cancer	73%	69%	better outlier
Mental Health						
	Outcome	QOF MH 8	Register of schizophrenia, bipolar disorder + (MH001 / MH08)	0.5%	0.8%	better outlier
	Outcome	CCG OIS 2.9 Asian	Access to community mental health services (all Asian)	432	311	worse outlier
	Outcome	CCG OIS 2.9 Black	Access to community mental health services (all Black)	872	753	worse outlier

Programme	Source	Measure	Label	Value	National quartile	Status
	Outcome	CCG OIS 2.10 Black	Access to Psychological Therapies (all Black)			No data
	Outcome	CCG OIS 3.16	Unplanned MH readmissions within 30 days of MH IP discharge 17+yrs			No data
	Outcome	SUI_02	IAPT recovery			No data
Learning Disability	Outcome	QOF LD 1	Register of learning disabilities (LD001 / LD01)	0.3%	0.5%	better outlier
	Outcome	QOF LD 2	% LD with Down's Syndrome with TSH (LD002 / LD02)	100%	91%	better outlier
Neurological	Spend	SP7a	Chronic Pain	£24	£19	high outlier
Vision	Spend	SP8	Problems of Vision	£43	£34	high outlier
Circulation	Outcome	QOF HF 4	% heart failure due to LVD with additional beta-blocker (HF004 / HF04)	97%	92%	better outlier
	Outcome	CCG OIS 3.3 VV	Varicose Veins, EQ-5D, Health Gain			No data
	Outcome	CCG OIS 3.7 P	% stroke discharged from hospital with a joint health and social care plan			No data
	Outcome	CCG OIS 3.9 P	% acute stroke who spend 90% or more of their stay on a stroke unit			No data
Respiratory System	Outcome	APHO 03	COPD prevalence	2.2%	3.5%	better outlier
	Outcome	CCG OIS 1.6 F	Mortality from respiratory disease. <75yrs, DSR, females.	10	24	better outlier
Gastro Intestinal	Outcome	CCG OIS 1.7 F	Mortality from liver disease, <75yr, DSR, females			No data
	Outcome	CCG OIS 1.7 M	Mortality from liver disease, <75yr, DSR, males			No data
Skin	Spend	SP14a	Burns	£2	£1	high outlier
Healthy Individuals						

Programme	Source	Measure	Label	Value	National quartile	Status
	Outcome	QOF SMOKING 8	% current smokers offered support and treatment (SMOK004 / SMOKE08)	91%	85%	better outlier
	Outcome	CCG OIS 2.15 P	Average health status (EQ-5DTM) score for carers, 18yr+	0.73	0.74	worse outlier
Other						
	Spend	SP23e	Misc - Multiple conditions	£65	£23	high outlier
	Spend	SP23g	Misc - Pass through payments	£6	£0	high outlier

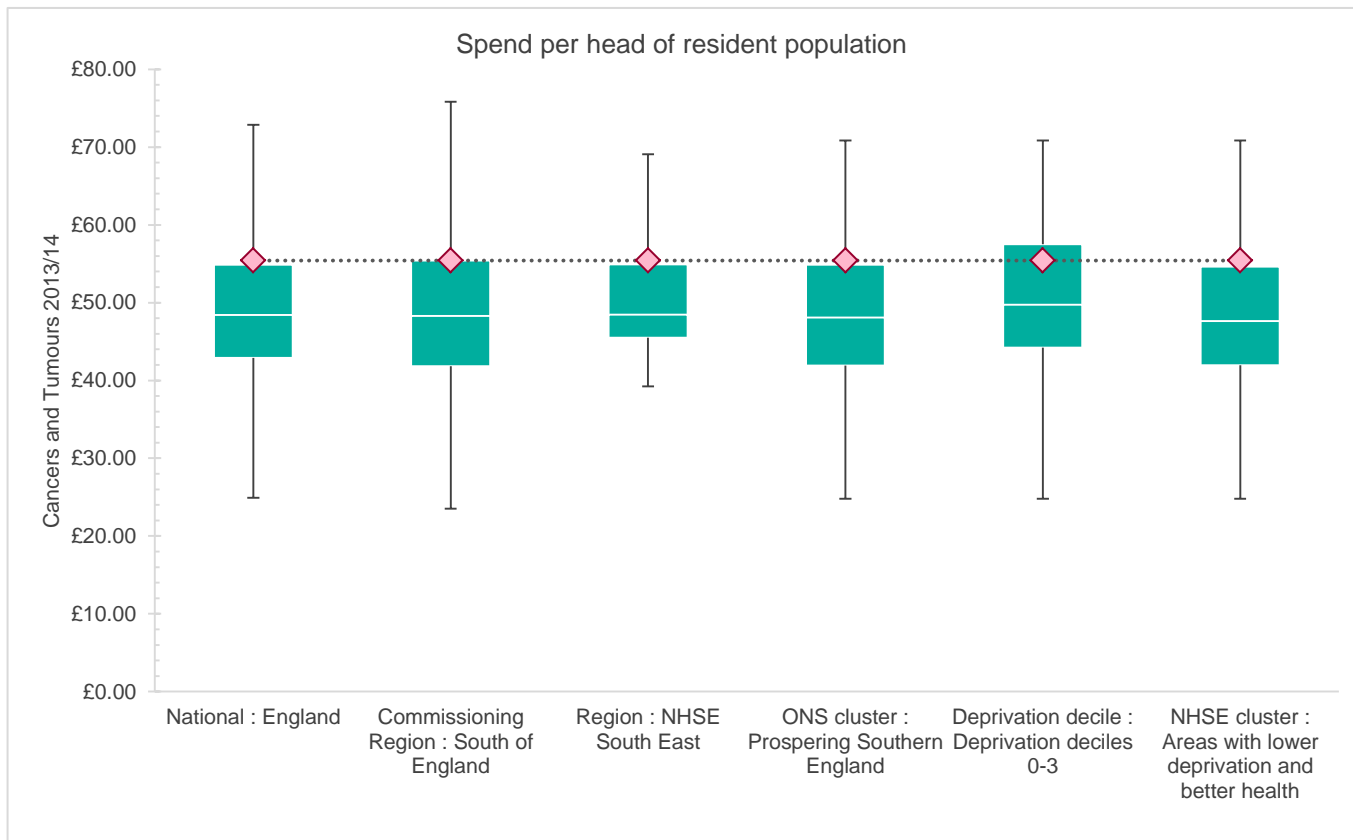


Spend and outcome tool: Spend boxplot

Organisation Surrey Heath

Type CCG

Period 2015



Interpreting the chart:

In this boxplot, the chosen organisation is represented as a red diamond and the upper and lower quartile boxes represent the middle 50% of authorities' spend. The white line through the middle of the quartile box is the median.

The whiskers extend 1.5 x the interquartile range, up to the max/min values. Organisations outside the whiskers are categorised as outliers. NB: Whiskers are not the same as confidence limits.

Boxplots are provided for a number of peer comparator sets. This should assist in determining which peer groups the organisation is similar to and not similar to for each measure. It may suggest areas to look at when exploring variation.

Chosen Programme Cancers

Chosen Spend Cancers and Tumours



About SPOT and its use

This profile provides some understanding of how the overall organisation budget is allocated to different programmes and sub-programmes; how this relates to the outcomes for those programmes and how the organisation performs in comparison to its peers.

The quadrant charts highlight particular programmes and sub-programmes where the organisation appears to be an outlier on spend and/or outcome.

The spine charts give headline values for spend and key outcomes for major programmes, and relevant comparator values.

The spend bar chart gives an indication of the size of the spend on each programme in both the organisation and a comparator organisation (default - nearest statistical neighbour)

The outlier summary identifies all measures where the organisation appears to be an outlier, or has submitted no data. These are grouped by programme. It is possible to explore measures in more depth by reviewing them using the detail quadrant chart.

Using the pdf profile and then Excel spreadsheet tool should help to:

- understand the size of spend on each major programme

- identify programmes where spend or outcomes are significantly at variance with peers (a range of comparators are available)

- identify potential areas within programmes where there may be issues

Following this the organisation may wish to examine priority areas in more depth.

The spend and outcome tool includes a frequently asked questions (FAQ) section as a spreadsheet tab which gives more detail about the tool and its use.

Feedback:

Please send your feedback about SPOT to healthconomics@phe.gov.uk

You can ask a question, report a problem or suggest an improvement.