2.	Spend and out	Spend and outcome tool: Home							
	Organisation	North West Surrey	Туре	Type CCG					
England			Period		2015				

North West Surrey

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.

healtheconomics@phe.gov.uk

Group	membership	Top 10 areas by spend	per head
Collection	Group	Programme	Spend
Commissioning Region	South of England	Total	£1,179
Region	NHSE South East	Other	£198
ONS cluster	Prospering Southern England	Mental Health	£145
Deprivation decile	Deprivation deciles 0-3	Musculo Skeletal	£89
NHSE cluster	Areas with lower deprivation and	Gastro Intestinal	£84
		Circulation	£78
		Respiratory System	£69
		Maternity	£66
		Trauma and Injuries	£62
		Genito Urinary	£62
		Neurological	£55



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.

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 measures shown on the chart can be found in the

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

Details of the specific spend and outcome measured

	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								

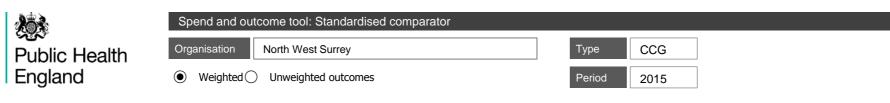
Spend and outcome tool: Multi-progra Organisation North West Surrey England	mme spine	chart	Type Period	CCG 2015	Re	orth West Surre egion upper/low ational upper/lov	er whisker
Selected measures for North West Surrey	Local value -:	Z so 3 -2 -1 (National 3	Region	ONS cluster	Deprivation decile
Infection							
Infectious Diseases	£11		 	£10	£10	£10	£10
% children vaccinated for MMR by 5th birthday, 2nd dose	76%	\diamond		88%	86%	86%	88%
% COPD who had flu vaccine (COPD006 / COPD08)	95%			96%	97%	97%	97%
Cancers							
Cancers and Tumours	£53		\diamond	£49	£51	£48	£51
Mortality from cancer, <75yrs, DSR, persons.	108		\rightarrow	123	119	105	108
Potential years of life lost - Neoplasms	608		\diamond	626	613	586	611
% One-year survival from all cancers	69%			68%	66%	69%	69%
Endocrine							
Endocrine, Nutritional and Metabolic	£45		•	£42	£42	£40	£41
Diabetes	£24		\rightarrow	£21	£22	£20	£21
Register of diabetes with type (DM001 / DM19/32)	5.4%		\diamond	6.3%	5.8%	5.2%	5.4%
Diabetes and last HbA1c is 59 mmol/mol (7.5%) or less (DM007 / DM26)	68%			70%	71%	70%	71%
Diabetes and last blood pressure is 140/80 or less (DM003 / DM31)	77%			79%	79%	78%	78%

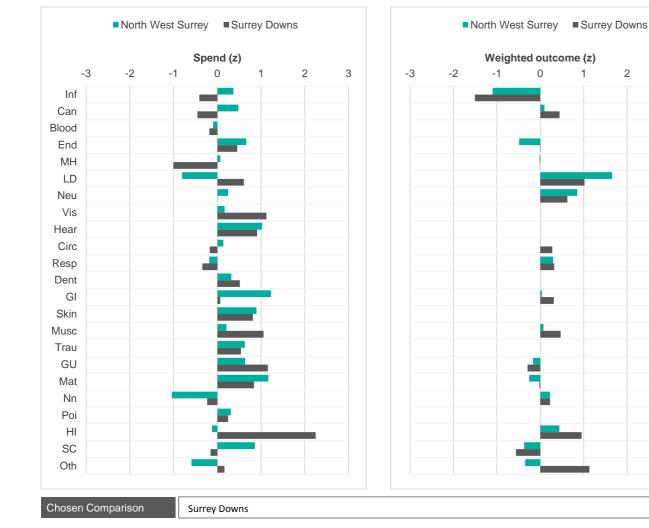
Selected measures for North West Surrey	Local value	Z score 3 -2 -1 0	1 2 3	National	Region	ONS cluster	Deprivation decile
Mental Health							
Mental Health Disorders	£145	—		£145	£140	£127	£128
% MH with comprehensive care plan (MH002 / MH10)	91%			86%	87%	90%	89%
% dementia whose care has been reviewed (DEM002 / DEM02)	85%	\rightarrow		84%	83%	85%	85%
Access to IAPT services	14%			13%	14%	14%	14%
Learning Disability							
Problems of Learning Disability	£11			£21	£16	£19	£21
Neurological							
Neurological	£55	\rightarrow		£53	£57	£55	£55
Register of patients on drug treatment for epilepsy (EP001 / EPI05)	0.6%		\diamond	0.8%	0.8%	0.7%	0.7%
% epilepsy and seizure free (EP002 / EPI08)	78%		-	76%	77%	80%	80%
Vision							
Problems of Vision	£30	—		£29	£32	£29	£31
Hearing							
Problems of Hearing	£10		~	£7	£7	£7	£7

Selected measures for North West Surrey	Local value	Z score 3 -2 -1 0 1 2	National 3	Region	ONS cluster	Deprivation decile
Circulation						
Problems of Circulation	£78		£77	£79	£77	£78
Mortality from cardiovascular disease. <75yrs, DSR, persons.	47		67	56	50	51
Potential years of life lost - Ischaemic Heart Disease	429	→	693	548	474	498
Potential years of life lost - Cerebrovascular Diseases	203		238	200	193	193
Respiratory System						
Problems of the Respiratory System	£69		£71	£69	£69	£68
Mortality from respiratory disease. <75yrs, DSR, persons.	18		29	25	20	20
Dental						
Dental Problems	£2		£2	£2	£3	£2
Gastro Intestinal						
Problems of Gastro Intestinal System	£84	\rightarrow	£75	£74	£75	£74
Mortality from liver disease, <75yr, DSR, persons	15		16	14	12	12
Emergency admission rate for alcohol related liver disease	25	\rightarrow	25	17	14	15
Skin						
Problems of the Skin	£32	~	£29	£28	£31	£30
Musculo Skeletal						
Problems of Musculo Skeletal System	£89		£86	£90	£94	£95
Hip replacement, EQ-5D, Health Gain	0.42	—	0.42	0.44	0.42	0.43

Selected measures for North West Surrey	Local value		core 0 1 2	3	National	Region	ONS cluster	Deprivation decile
Trauma and Injuries								
Problems due to Trauma and Injuries	£62		~	-	£57	£61	£63	£61
Genito Urinary								
Problems of Genito Urinary System	£62		\diamond		£58	£60	£60	£59
Register of patients with CKD (CKD001 / CKD01)	3.9%		>	-	4.1%	4.6%	3.6%	3.8%
Maternity								
Maternity and Reproductive Health	£66		\diamond	-	£48	£48	£48	£47
% Breast feeding prevalence at 6-8 weeks				-	43%	57%	56%	52%
Total abortions rate	16.4			-	15.9	15.4	14.6	13.3
Neonates								
Conditions of Neonates	£1	\diamond		-	£4	£2	£4	£3
Neonatal mortality and stillbirths rate	7.5	>		-	7.2	6.4	6.5	6.6
Adverse effects and poisoning								
Adverse effects and poisoning	£16				£16	£18	£15	£16

Selected measures for North West Surrey	Local value	Z score 3 -2 -1 0 1	2 3	National	Region	ONS cluster	Deprivation decile
Healthy Individuals							
Healthy Individuals	£6			£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)	5.8%		\diamond	9.6%	8.2%	7.0%	7.8%
Social Care							
Social Care Needs	£42			£23	£28	£21	£23
% people who feel supported to manage their long-term condition	64%		_	65%	64%	66%	67%
Other							
Other Areas of Spend/Conditions:	£198	→	-	£233	£233	£198	£206
General Medical Services/ Personal Medical Services	£0	\diamond		£4	£5	£3	£2
Misc - other	£40	\rightarrow		£45	£70	£33	£31
Total							
Total	£1,179			£1,152	£1,167	£1,109	£1,121
DSR (PYLL) from causes considered amenable to healthcare	1575			2069	1839	1653	1714
Index of multiple deprivation	9.9			22.1	16.6	9.9	10.9





Interpreting the chart:

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Inf

Can

Blood End

MH

LD

Neu

Vis

Hear

Circ

Resp

Dent

Skin

Musc

Trau

GU Mat

Nn

Poi

HI

SC Oth

GI

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								
Public Health England	Organisation	North West Surrey	Type Period	CCG					
Lingianu			Penoa	2015					

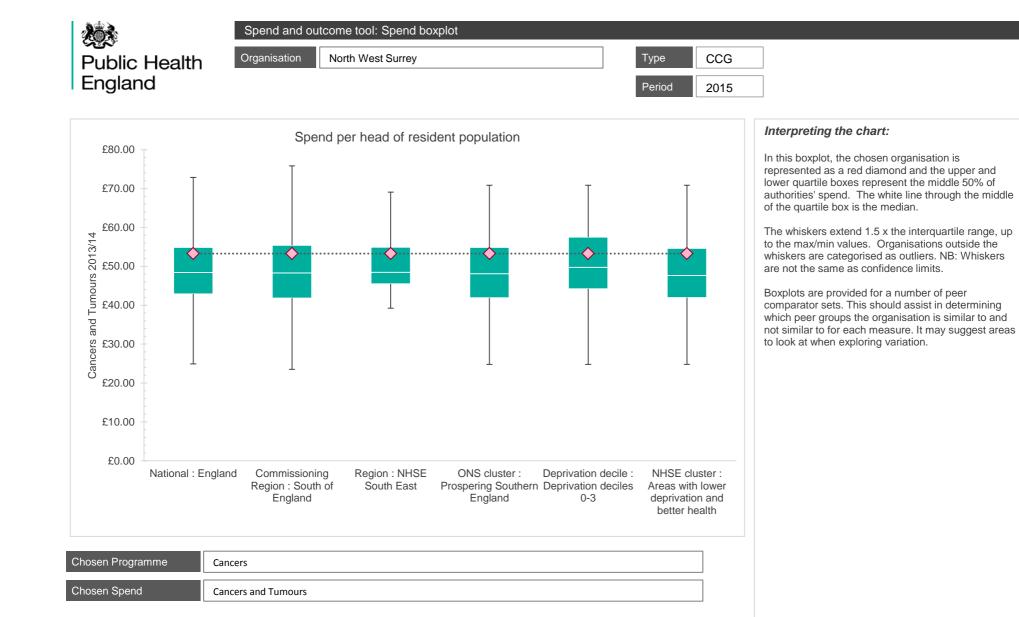
	Spend	Outcome
Low/worse	0	7
High/better	0	5
No data	0	2
All measures	69	215

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	P1004	% children vaccinated for MMR by 5th birthday, 2nd dose	76%	81%	worse outlier
	Outcome	P1005	% children vaccinated for whooping cough by 1st birthday	88%	91%	worse outlier
Cancers						
	Outcome	CCG OIS 1.11 P	% One-year survival from breast, lung and colorectal cancer	73%	69%	better outlier
	Outcome	CCG OIS 1.17 P	% Record of stage of cancer at diagnosis	29%	24%	worse outlier
	Outcome	CCG OIS 1.18 P	% cancers detected at stage 1 and 2	18%	18%	worse outlier
Learning Disability						
	Outcome	QOF LD 2	% LD with Down's Syndrome with TSH (LD002 / LD02)	98%	91%	better outlier
Circulation						
	Outcome	QOF BP001	% aged 40+ with BP in last 5 years (BP001)	87%	96%	better outlier
	Outcome	CCG OIS 1.5 P	Mortality within 30 days of hospital admission for stroke	1.77	0.52	worse outlier
	Outcome	CCG OIS 3.3 VV	Varicose Veins, EQ-5D, Health Gain			No data

Musculo Skeletal

Programme	Source	Measure	Label	Value	National quartile	Status
	Outcome	CCG OIS 3.10 ii	Hip fracture: % recovering to previous levels of mobility at 120 days	86%	51%	better outlier
Maternity						
	Outcome	CCG OIS 1.15 F	% Breast feeding prevalence at 6-8 weeks			No data
Healthy Individuals						
	Outcome	QOF OBESITY 1	Register of BMI 30+ (OB001 / OB01)	5.8%	9.7%	better outlier
	Outcome	QOF SMOK003	Smoking cessation strategy (SMOK003)	98%	100%	worse outlier



SPOT v3.6.321 xlsb

Spend and outcome tool: Next

About SPOT and its use

Public Health

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England

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 healtheconomics@phe.gov.uk You can ask a question, report a problem or suggest an improvement.

25/09/2015