

Spend and ou	tcome tool: Home		
Organisation	Torbay UA	Туре	LA
		Period	2015

Torbay UA

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.

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

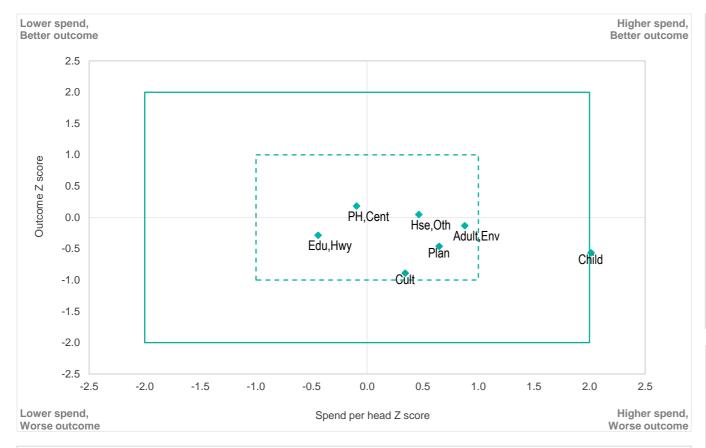
healtheconomics@phe.gov.uk www.yhpho.org.uk/spot

Group membership								
Collection Group								
Local authority type	Unitary Authority							
PHE centre	South West							
Core city status	Non-Core City							
ONS cluster	Coastal Resorts and Services							
Deprivation decile	Deprivation decile 7							

Top 10 areas by spend	l per head
Programme	Spend
Total	£1,340
Education	£607
Social Care - Adults	£301.12
Social Care - Child	£239.21
Env & Reg	£107.89
Central	£55.77
Public Health	£55.66
Cultural	£51.64
Housing	£46.96
Highways	£43.54
Planning	£33.28

Public Health
England

Spend and outcome tool: Quadrant chart Organisation Torbay UA Type LA Weighted Unweighted outcomes Period 2015



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.

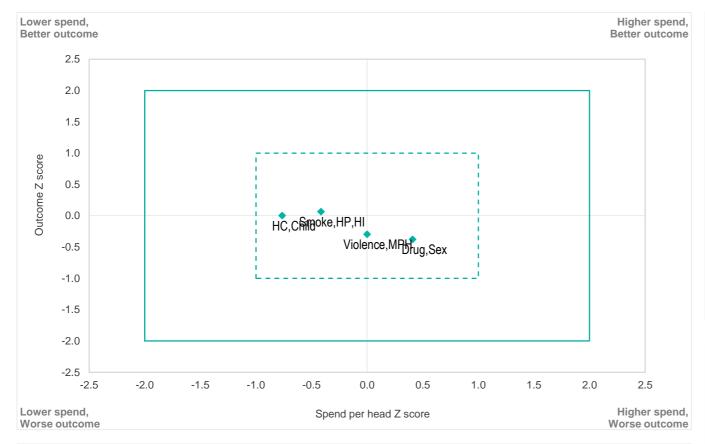
A programme lying outside the solid +/- 2 z scores box, may indicate the need to investigate further. If the programme lies to the left or right of the box, the spend may need reviewing, and if it lies outside the top or bottom of the box, the outcome may need reviewing. Programmes outside the box at 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.

	Local authority quadrant chart key
Adult	Social Care (Adult)
Cent	Central
Child	Social Care (Children)
Cult	Cultural
Edu	Education
Env	Environment & Regulatory
Hse	Housing
Hwy	Highways
Oth	Other
PH	Public Health
Plan	Planning



Spend and outcome tool: Programme-specific quadrant chart									
Organisation	Torbay UA	Туре	LA						
Programme	Public Health	Period	2015						



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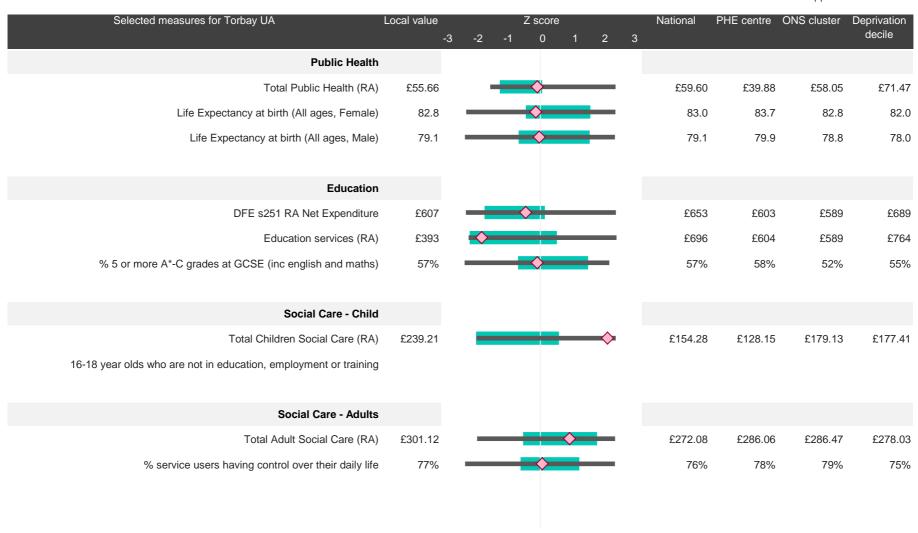
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Details of the specific spend and outcome measures used are contained in the Reference tab.

Public health quadrant chart key											
Child	Child PH	MPH	Mental PH								
Drug	Drugs & Alcohol										
HC	Healthcare PH	Sex	Sexual Health								
HI	Health Improveme	ent									
HP	Health Protection										
MPH	Mental PH										
Violend	ce Violence & Injury										







Selected measures for Torbay UA	Local value	-3 -2	Z sc		2	3	National	PHE centre	ONS cluster	Deprivation decile
Housing										
Total Housing services (GFRA only) (RA)	£46.96			\rightarrow	_		£35.70	£20.27	£36.38	£43.64
% (LA-owned) non-decent homes	0.0%	_					5.1%	1.3%	4.2%	6.8%
Env & Reg										
Total Environmental and regulatory services (RA)	£107.89	-		\			£98.14	£172.97	£104.00	£77.94
First time entrants to the youth justice system aged 10-17	511	_	\rightarrow				439	466	515	520
Planning										
Total Planning and development services (RA)	£33.28	-					£24.22	£21.61	£16.20	£27.49
Processing of major planning applications in target	74%	-	•				78%	79%	72%	85%
Highways										
Total Highways and transport services (RA)	£43.54		\				£49.67	£54.25	£60.04	£45.14
Principal roads where maintenance should be considered	2%			\			6%	3%	5%	5%
Cultural										
Total Cultural and related services (RA)	£51.64			\rightarrow			£77.96	£46.32	£39.66	£54.95
Adult participation in 30 minutes, moderate intensity sport	28%				_		36%	37%	34%	34%
Central										
Total Central services (RA)	£55.77	-			_		£62.50	£68.93	£50.36	£65.31
Annual employment rate, aged 16-64										

Selected measures for Torbay UA	Local value			Z	score				National	PHE centre	ONS cluster	
		-3	-2	-1	0	1	2	3				decile
Total												
TOTAL SERVICE EXPENDITURE (inc PH) (RA)	£1,340		-	\					£1,616	£1,463	£1,440	£1,632
Index of Multiple deprivation 2010	26.8			\rightarrow					23.1	17.9	24.0	30.0



Spend and ou	tcome tool: Programme spine chart				
Organisation	Torbay UA	Туре	LA	Legend	Torboy IIA
Programme	Public Health	Period	2015		Torbay UA PHE centre upper/lower National upper/lower whisker

Erigiariu	Programme Public Health				Period	2015		ional upper/lov	
Select	ed measures for Torbay UA	Local value	-3 -2	Z score	1 2	National 3	PHE centre	ONS cluster	Dep de
	Public I	Health							
	Total Public Healt	th (RA) £55.66				£59.60	£39.88	£58.05	
	Life Expectancy at birth (All ages, Fe	emale) 82.8	_	•		83.0	83.7	82.8	
	Life Expectancy at birth (All ages,	, Male) 79.1		*		79.1	79.9	78.8	
	Healthy life expectancy at birth (All ages, Fe	emale) 64.9	_	•		63.3	65.6	63.5	
	Healthy life expectancy at birth (All ages,	, Male) 64.1	_	\		62.6	64.9	62.4	
	Health inequ	alities							
G	ap in life expectancy at birth LA/England (Fe	emale) -0.3	_	•		-0.1	0.5	-0.3	
	Gap in life expectancy at birth LA/England	(Male) -0.3		•		-0.3	0.5	-0.6	
	Children in poverty (<16 yrs, Pe	ersons) 22%	_	\rightarrow		20%	16%	20%	
	Children in poverty (0-19 yrs, Pe	ersons) 21%		\rightarrow		20%	15%	19%	
	Child mortality rate (age 1-17	years) 9.9	_		\rightarrow	12.0	11.2	9.6	
Slope inde	x of inequality in life expectancy at birth (Fe	emale) 6.3		\		6.2	5.0	5.8	
Slope i	ndex of inequality in life expectancy at birth	(Male) 7.9		♦		8.4	7.5	8.0	
Excess under 75	mortality rate in adults with serious mental	illness 341%	-	♦		358%	373%	369%	
16-18 year olds	not in education employment or training (N	IEETs) 5.7%		\rightarrow		5.3%	5.3%	5.8%	
	Index of Multiple deprivation	n 2010 26.8		•		23.1	17.9	24.0	

Selected measures for Torbay UA	Local value	Z score -3 -2 -1 0 1 2 3	National	PHE centre	ONS cluster	Deprivation decile
Tobacco Control						
Smoking and tobacco - Stop smoking services and interventions (RA)	£2.06	•	£2.98	£1.96	£2.58	£3.22
Smoking and tobacco - Wider tobacco control (RA)	£0.30		£0.38	£0.28	£0.41	£0.42
Smoking Prevalence	17%	•	19%	18%	21%	21%
Smoking prevalence - routine & manual	26%	•	28%	28%	32%	30%
Smoker at time of delivery	17%		13%	13%	16%	15%
Drugs and Alcohol						
Substance misuse - Alcohol misuse - adults (RA)	£3.91	•	£4.01	£1.57	£2.42	£5.15
Substance misuse - Drug misuse - adults (RA)	£15.54	•	£12.15	£12.04	£17.08	£14.58
Substance misuse - (drugs and alcohol) - youth services (RA)	£0.66		£1.20	£0.29	£0.67	£1.22
Months of life lost due to alcohol (Men, <75yr)	14.7		12.5	11.6	14.9	14.4
Months of life lost due to alcohol (Women, <75yr)	5.8		5.8	5.0	5.9	6.5
Alcohol-related mortality (Persons)	47.7		46.5	43.0	50.3	51.5
Mortality from chronic liver disease (Persons)	16.2		12.6	10.8	14.7	15.0
Alcohol-specific hospital admission (Persons)	595		399	373	455	499
Claimants of benefits due to alcoholism	243	•	142	160	223	188
Opiate / Crack User prevalence						
Successful completion drug treatment - opiate users	8.4%	•	8.2%	8.8%	10.9%	7.4%
Successful completion drug treatment - non-opiate users	35%	•	37%	36%	38%	37%
Hospital admissions due substance misuse (15-24 yr)	121.9	\	88.5	88.4	125.5	110.7

Depi de	ONS cluster	PHE centre	National	core 0 1 2 3		Local value	Selected measures for Torbay UA
							Violence and Injury
)	64.9	43.0	56.0			64.5	Hospital admissions for violence
5	15.5	10.5	12.1			19.2	Violence offences
3	143	113	115			100	Hospital admissions with injuries in children (<15 yrs, Persons)
6	176	150	140		\rightarrow	174	Hospital admissions with injuries in young people (15-24 yrs, Persons)
2	18.2	14.3	19.4			19.4	Domestic Abuse
7	1977	1923	2099	\		1831	Injuries due to falls (65+ yrs, Persons)
	44.1	35.5	41.9	•		30.9	Killed and seriously injured road casualties (All ages, Persons)
6	24.6	14.7	19.4	•		16.9	Children killed or seriously injured in road traffic accidents
)	470	424	552			600	A&E attendances (age 0-4 years)
3	658	533	421			564	Hospital admissions as a result of self-harm (10-24 years)
							Obesity and physical activity
3	£0.23	£0.28	£0.90			£0.49	Obesity - children (RA)
3	£0.08	£0.05	£0.39			£0.08	Physical activity - children (RA)
)	0	1	0				Breastfeeding prevalence at 6-8 weeks after birth
, D	9%	9%	10%			10%	Obese children (4-5 years)
, D	33%	31%	34%		\rightarrow	35%	Excess weight in children (10-11 yrs, Persons)
							Excess Weight in Adults (16+ yrs, Persons)
, D	58%	60%	54%	\		59%	% Fruit and Veg '5-a-day'
	55%	58%	56%			53%	% active adults
, D						33%	% inactive adults
	30%	27%	29%			33 /6	76 Inactive addits

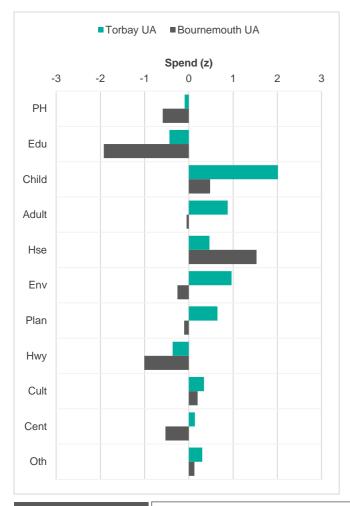
Selected measures for Torbay UA	Local value	Z score -3 -2 -1 0 1	Na 2 3	ational	PHE centre	ONS cluster	Deprivation decile
Sexual Health	ı						
Sexual health services - STI testing and treatment (RA)	£8.56	•		£7.93	£3.96	£7.42	£8.90
Sexual health services - Contraception (RA)	£5.49	•		£3.92	£4.06	£5.88	£3.68
Sexual health services - Advice, prevention and promotion (RA)	£0.05	♦		£1.94	£0.73	£0.68	£2.61
Chlamydia detection rate (15-24 year olds - Female)	3394	•		2746	2668	3388	3254
HIV late stage presentation (15+ yrs, Persons)	45%	•		47%	46%	38%	46%
Conceptions in those aged under 18yr	39.5	\rightarrow		29.1	25.3	33.5	34.8
Conceptions in those aged under 16yr	6.9	•	_	5.9	5.1	7.0	7.1
Low birth weight of term babies	3.0%	•		2.8%	2.6%	2.6%	3.1%
HPV vaccination (12-13 yrs, Female)	81%	•		87%	84%	83%	88%
Cancer screening coverage - cervical cancer (25-64 yrs, Female)	76%	•		74%	77%	75%	73%
Sexual offences	1.4	•		1.1	1.0	1.3	1.1
New sexually transmitted infections (including chlamydia)	4519	*	_	3574	3441	3994	4160
Wider determinants							
Pupil absence (5-15 yrs, Persons)	5.8%	•		5.2%	5.4%	5.7%	5.4%
Children in care	126	\diamond		65	57	86	82
Fuel Poverty	10%	•		10%	10%	10%	11%
% mortality attributable to particulate air pollution	3.6%			5.2%	4.2%	4.0%	5.2%
Excess Winter Deaths Index (single year, All ages, Persons)	27	-		20	19	21	22
Number of complaints about noise	3.7	•		8.6	5.8	5.9	8.9
Statutory homelessness - households in temporary accommodation	1.0			3.3	1.0	1.2	2.8
% Adult LD in stable and appropriate accommodation	69%	•	_	75%	73%	73%	78%
Family homelessness	0.5	•		1.8	0.9	0.9	1.7

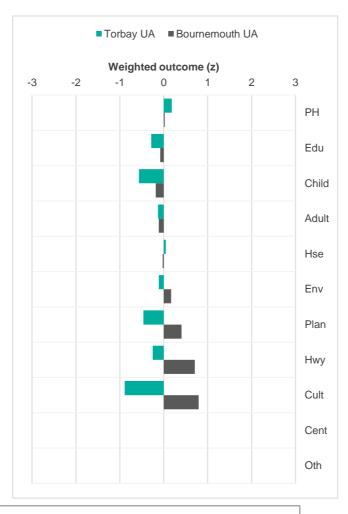
Selected measures for Torbay UA	Local value	-2	Z scor	e 1 2	3	National	PHE centre	ONS cluster	Deprivation decile
Health Protection									
Health protection - Local authority role in health protection (RA)	£0.20		\rightarrow			£0.86	£0.23	£0.16	£0.83
Children in care immunisations	71%		\	_		88%	88%	81%	91%
Dtap / IPV / Hib vaccination (1 yr, Persons)	98%			\		94%	96%	95%	95%
Dtap / IPV / Hib vaccination (2 yrs, Persons)	99%			\		96%	98%	96%	97%
Hepatitis B vaccination (1 yr, Persons)	0%		\			52%	36%	13%	41%
Hepatitis B vaccination (2 yrs, Persons)	0%		\			49%	27%	0%	44%
Hib / MenC booster vaccination (2 yrs, Persons)	94%	_	\			93%	94%	93%	93%
Hib / Men C booster vaccination (5 yrs, Persons)	94%		•			92%	94%	90%	93%
MMR vaccination for one dose (5 yrs, Persons)	95%		\			94%	95%	94%	95%
MMR vaccination for two doses (5 yrs, Persons)	89%					88%	90%	87%	90%
PCV vaccination (1 yr, Persons)	98%			\		94%	96%	95%	95%
PCV booster vaccination (2 yrs, Persons)	96%			•		93%	95%	93%	93%
MenC vaccination (1 yr, Persons)									
Flu vaccination (at risk individuals) (6 months-64 yrs, Persons)	49%	_	\rightarrow			53%	53%	51%	54%
Flu vaccination (65+ yrs, Persons)	68%	→				73%	74%	72%	73%
PPV vaccination (65+ yrs, Persons)	68%		\Q			68%	70%	70%	68%
TB Incidence (All ages, Persons)	6.6					16.6	6.1	6.7	19.5
TB Treatment completion (All ages, Persons)									
Inter-agency plan for incidents and emergency response	100%			>		91%	100%	83%	86%

Selected measures for Torbay UA	Local value	Z sc	3	National	PHE centre	ONS cluster	Deprivation decile
Healthcare PH							
NHS health check programme (RA)	£0.91	•	•	£1.66	£1.14	£1.57	£1.55
NHS Health Check - health check offered (40-74 yrs, Persons)	18%		-	19%	17%	19%	19%
NHS Health Check - health check take up (40-74 yrs, Persons)	49%		-	52%	49%	50%	59%
NHS Health Check - health check received (40-74 yrs, Persons)	9%		-	10%	8%	10%	10%
Mortality from all cardiovascular diseases (<75 yrs, Persons)	84			83	70	81	95
Cardiovascular disease prevalence	14.8%	♦	_	11.6%	12.7%	13.6%	11.3%
Chronic kidney disease prevalence	11.7%	♦	-	8.5%	9.8%	10.7%	8.3%
COPD prevalence	4.2%	•		3.8%	3.5%	4.3%	4.3%
Coronary heart disease prevalence	8.2%	\rightarrow	-	5.8%	6.2%	7.2%	5.9%
Diabetes prevalence	8.7%	\rightarrow	-	7.6%	7.4%	8.0%	8.0%
Hypertension prevalence	37.0%	\Diamond	_	30.2%	32.6%	34.3%	30.2%
Stroke prevalence	3.5%	\	-	2.5%	2.7%	3.2%	2.5%
Hospital admissions for asthma (age under 19 years)	204		_	202	169	200	232
Hospital admissions for mental health conditions	153	\rightarrow	_	90	81	124	93



Spend and outcome tool: Standardised comparator Organisation Torbay UA Type LA ● Weighted Unweighted outcomes Period 2015





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.

Bournemouth UA



Spend and ou	tcome tool: Outliers summary			
Organisation	Torbay UA	Туре	LA	
		Period	2015	7

	Spend	Outcome
Low/worse	3	3
High/better	11	0
No data	2	14
All measures	145	326

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".

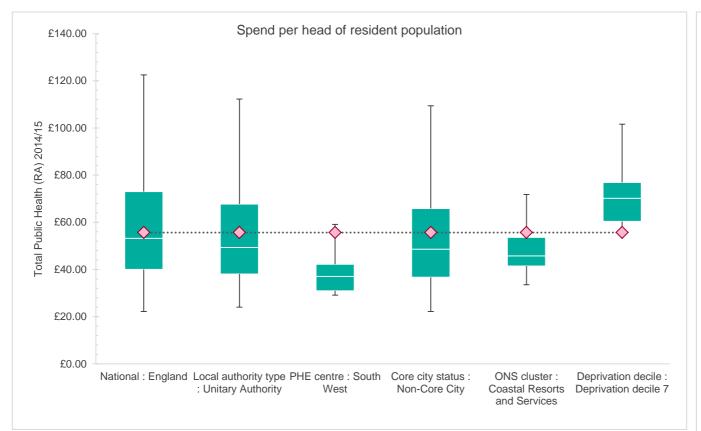
Programme	Source	Measure	Label		National quartile	Status
Public Health						
	Outcome	PHOF_1.16_P	Use of outdoor space for exercise/health reasons			No data
	Outcome	PHOF_2.02i_F	Breastfeeding initiation			No data
	Outcome	PHOF_2.02ii_P	Breastfeeding prevalence at 6-8 weeks after birth			No data
	Outcome	PHOF_2.21vii_P	Diabetic retinopathy screening			No data
	Outcome	PHOF_4.06ii_F	Mortality from liver disease considered preventable (<75 yrs, Female)			No data
	Outcome	PHOF_4.10_F	Suicide rate (All ages, Female)			No data
	Outcome	PHOF_4.11_F	Emergency readmissions within 30 days (All ages, Female)			No data
	Outcome	PHOF_4.11_M	Emergency readmissions within 30 days (All ages, Male)			No data
	Outcome	PHOF_4.12iii_P	Preventable sight loss - diabetic eye disease (12+ yrs, Persons)			No data
	Outcome	SUI_05	Relationship breakup	15%	11%	worse outlier
Education						
	Spend	SP_120_RA	Primary schools (RA)	£160.93	£275.71	low outlier
	Spend	DFE251_101_RA _SEN	DFE s251 RA SEN / Special schools	£53	£23	high outlier
	Outcome	Child 11	% Looked after children 5+ A*-C grades at GCSE (inc english and maths)			No data

Programme	Source	Measure	Label	Value	National quartile	Status
	Outcome	NI 114	Rate of permanent exclusions from school			No data
Social Care - Child						
	Spend	SP_313_RA	Children's social care: Children looked after (RA)	£137.24	£82.27	high outlier
	Spend	SP_325_RA	Children's social care: Safeguarding children and young people's services (RA)	£65.30	£39.48	high outlier
	Spend	SP_330_RA	Total Children Social Care (RA)	£239.21	£180.28	high outlier
	Outcome	Child 05	Section 47 enquiries per 10,000 children	276	92	worse outlier
	Outcome	PI124	Children subject to a child protection plan for two years or more			No data
Social Care - Adults						
	Outcome	ASCOF2A(1)	Permenant admissions to residential and nursing care homes, (18-64)	36.4	9.4	worse outlier
Housing						
	Outcome	PI061	Average weekly rent per dwelling			No data
	Outcome	PI062	Rent collection rate			No data
Env & Reg						
	Spend	SP_523_RA	Regulatory services: Housing standards (RA)	£3.10	£1.24	high outlier
	Spend	SP_528_RA	Regulatory services: Public conveniences (RA)	£6.71	£0.89	high outlier
	Spend	SP_547_RA	Coast protection (RA)	£1.53	£0.00	high outlier
	Spend	SP_550_RA	Agriculture and fisheries services (RA)	-£4.69	£0.00	low outlier
Planning						
	Spend	SP_598_RA	Business Support (RA)	£3.16	£0.59	high outlier
Highways						
	Spend	SP_220_RA	Capital items relating to construction projects (RA)	£0.00		No data
	Spend	SP_280_RA	Airports, harbours and toll facilities (RA)	-£2.20	£0.00	low outlier
Cultural						
	Spend	SP_504_RA	Tourism (RA)	£9.68	£1.33	high outlier

Programme	Source	Measure	Label	Value	National quartile	Status
Central						
	Spend	SP_682_RA	Non-distributed costs - costs of unused shares of IT facilities and other assets (RA)	£0.61	£0.00	high outlier
	Spend	SP_683_RA	Non-distributed costs - depreciation / impairment of surplus costs etc (RA)			No data
	Spend	SP_684_RA	Non-distributed costs - revenue expenditure on surplus assets (RA)	£0.75	£0.00	high outlier



Spend and ou	tcome tool: Spend boxplot			
Organisation	Torbay UA	Туре	LA	
		Period	2015	



Chosen Programme	Public Health
Chosen Spend	Total Public Health (RA)

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.



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

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