

2018 NATIONAL TRAINEE SURVEY RESULTS

NEUROLOGY

GENERIC INDICATORS

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Warren Lynch / Aidan Simpson
Quality Management Team
Joint Royal Colleges of Physicians Training Board

Introduction

The National Trainee Survey is an annual survey commissioned and administered by the General Medical Council (GMC). The survey has been in place since 2010.

The purpose of the survey is to gather feedback from trainees to help local education providers such as hospitals and general practices improve their training practice. It also helps postgraduate deaneries/local education and training boards (LETBs) manage training programmes, which are usually delivered across a number of different local education providers (LEPs). The GMC use red and green colour coding to highlight results that are significantly above or below the average to help identify areas for investigation.

The trainee survey is comprised of a set of generic questions which test trainees' perceptions of training providers' compliance with the GMC standards, and specialty specific questions set by Royal Colleges and Faculties which test their perceptions of the quality of delivery of the curricula. It is a unique opportunity for managers of training programmes to hear the views of their trainees.

The generic questions test trainee's perceptions of the following areas:

- Overall satisfaction
- Clinical Supervision
- Clinical Supervision (out of hours)
- Reporting Systems
- Workload
- Teamwork
- Handover
- Supportive environment
- Induction
- Adequate Experience
- Curriculum coverage
- Educational Governance
- Educational Supervision
- Feedback
- Local Teaching
- Regional Teaching
- Study Leave
- Rota Design (**new for 2018**)

Responses are colour coded as follows:

	Below outlier
	Within the lower quartile (Q1), but not a below outlier
	Within the middle quartile (Q2/IQR)
	Within the upper quartile (Q3), but not an above outlier
	Above outlier
	3 or less trainees, result not published
	0 trainees completed the survey, no result

Red – The score for the indicator is significantly below the national score in the benchmark group. A score is defined as being a below outlier if it meets all of the following criteria. The upper 95% confidence limit associated with the indicator score must be below the lower 95% confidence limit of the benchmark indicator mean score. The mean of the indicator score must be below the lower quartile (Q1) score of the benchmark group.

Green - The score for the indicator is significantly above the national score in the benchmark group. A score is defined as being an above outlier if it meets all of the following criteria. % confidence limit associated with the indicator score must be above the upper 95% confidence limit of the benchmark indicator mean score. The mean of the indicator score must be above the upper quartile (Q3) score of the benchmark group.

Light Green – The confidence interval overlaps with the inter quartile range, which could indicate that trainees' perceptions are positive. Result is in the 3rd quartile, but not an above outlier for the indicator result.

Pink – The confidence interval overlaps with the inter quartile range, which could indicate that trainees' perceptions are negative. Result is in the 1st quartile, but not a below outlier for the indicator result.

White – Result is within the inter quartile range, suggesting that result for this indicator are average.

Grey – Insufficient number of respondents for the indicator result, $n < 3$.

Yellow – There are no respondents for the indicator result.

254 Neurology trainees (67 ST3s, 47 ST4s, 63 ST5s, 43 ST6s and 34 ST7s) completed the survey. This was a decline of 4.2% (21 trainees) on the number of trainees completing the 2017 survey. The numbers of trainees in each Deanery / LETB completing the survey were as follows:

Deanery / LETB	2017	2018
Defence Postgraduate Medical Deanery	0	1
Health Education East Midlands	11	13
Health Education East of England	17	18
Health Education Kent, Surrey and Sussex	9	17
Health Education London (N,C & E)	35	33
Health Education London (NW)	10	0
Health Education London (South)	18	21
Health Education North East	12	13
Health Education North West	23	22
Health Education South West	16	16
Health Education Thames Valley	11	11
Health Education Wessex	8	7
Health Education West Midlands	16	16
Health Education Yorkshire and the Humber	26	28
NHS Education for Scotland	21	22
Northern Ireland Medical & Dental Training Agency	9	8
Wales Deanery	12	8
Total	254	254

Executive Summary

Data was available for 51% (33/65) Trusts/Boards with Neurology trainees. Where data was available, there have been increases in the number of Trust/Board red and green flags in 2018 in comparison to the 2017 results. Red flags increased by 14 to 35 (+40%) with green flags increasing by 1 to 65 (+2%).

Local Teaching showed the biggest 2018 increase in red flags with 7, up 6 compared to 2017 while Rota Design (a new indicator in 2018) showed biggest increase in green flags, with 8.

The indicators showing the highest number of red or green flags compared to 2017 were:

	Indicator (red flags)	No	Indicator (green flags)	No
	Local Teaching	7 (+6)	Clinical Supervision (out of hours)	9 (-3)
	Teamwork	6 (+4)	Rota Design	8 (new)
	Handover	3 (+1)	Supportive Environment	8 (+4)
	Overall Satisfaction	3 (+2)	Workload	6 (-2)
	Workload	3 (+1)	Handover	5 (+1)
			Regional Teaching	5 (-3)

Of the 35 red flags recorded for all of the indicators in 2018, 80% (28/35) were in Trusts in England with 9% (3/35) Trusts in Northern Ireland and 6% (2/35) Boards in Wales and Scotland.

The average of the mean scores by Deanery / LETB for Overall Satisfaction in 2018 was 81.58, down 2.32 on 2017. From a regional perspective the scores were as follows:

Quartile	Deanery / LETB	2017 Mean	2018 Mean	Difference
4	Health Education South London	85.67	89.14	+3.47
4	Wales Deanery	90.33	89.13	-1.20
4	Health Education Thames Valley	85.73	89.00	+3.27
4	Health Education North West	83.30	87.14	+3.84
3	Health Education Wessex	95.63	85.57	-10.06
3	Health Education Kent, Surrey and Sussex	72.08	85.53	+13.45
3	Northern Ireland Medical & Dental Training Agency	90.33	81.75	-8.58
3	NHS Education for Scotland	80.33	81.59	+1.26
2	Health Education Yorkshire and the Humber	81.12	81.54	+0.42
2	Health Education South West	79.56	81.00	+1.44
2	Health Education East of England	84.67	80.28	-4.39
2	Health Education North Central and East London	83.00	78.94	-4.06
1	Health Education West Midlands	79.56	75.75	-3.81
1	Health Education East Midlands	83.45	73.46	-9.99
1	Health Education North East	83.50	63.85	-19.65
1	Defence Postgraduate Medical Deanery	0 trainees	<3 trainees	N/A
1	Health Education North West London	84.20	0 trainees	N/A

	Increase in mean Overall Satisfaction score for 2018 compared to 2017
	decrease in mean Overall Satisfaction score for 2018 compared to 2017

Trusts/Boards with red flags

Trust / Board	2017 red flags	2018 red flags
South Tees Hospitals NHS Foundation Trust	0/17 (0%)	10/18 (56%)
Barking, Havering and Redbridge University Hospitals NHS Trust	2/17 (12%)	9/18 (50%)
Belfast Health and Social Care Trust	0/17 (0%)	3/17 (18%)
Lancashire Teaching Hospitals NHS Foundation Trust	0/17 (0%)	3/18 (17%)
Cardiff & Vale University Lhb	0/17 (0%)	2/17 (12%)
Greater Glasgow and Clyde	1/17 (6%)	2/18 (11%)
University Hospitals of Leicester NHS Trust	0/16 (0%)	2/18 (11%)
Brighton and Sussex University Hospitals NHS Trust	<3 trainees	1/18 (6%)
East Kent Hospitals University NHS Foundation Trust	5/17 (29%)	1/18 (6%)
Oxford University Hospitals NHS Foundation Trust	0/17 (0%)	1/18 (6%)
University College London Hospitals NHS Foundation Trust	2/17 (12%)	1/18 (6%)

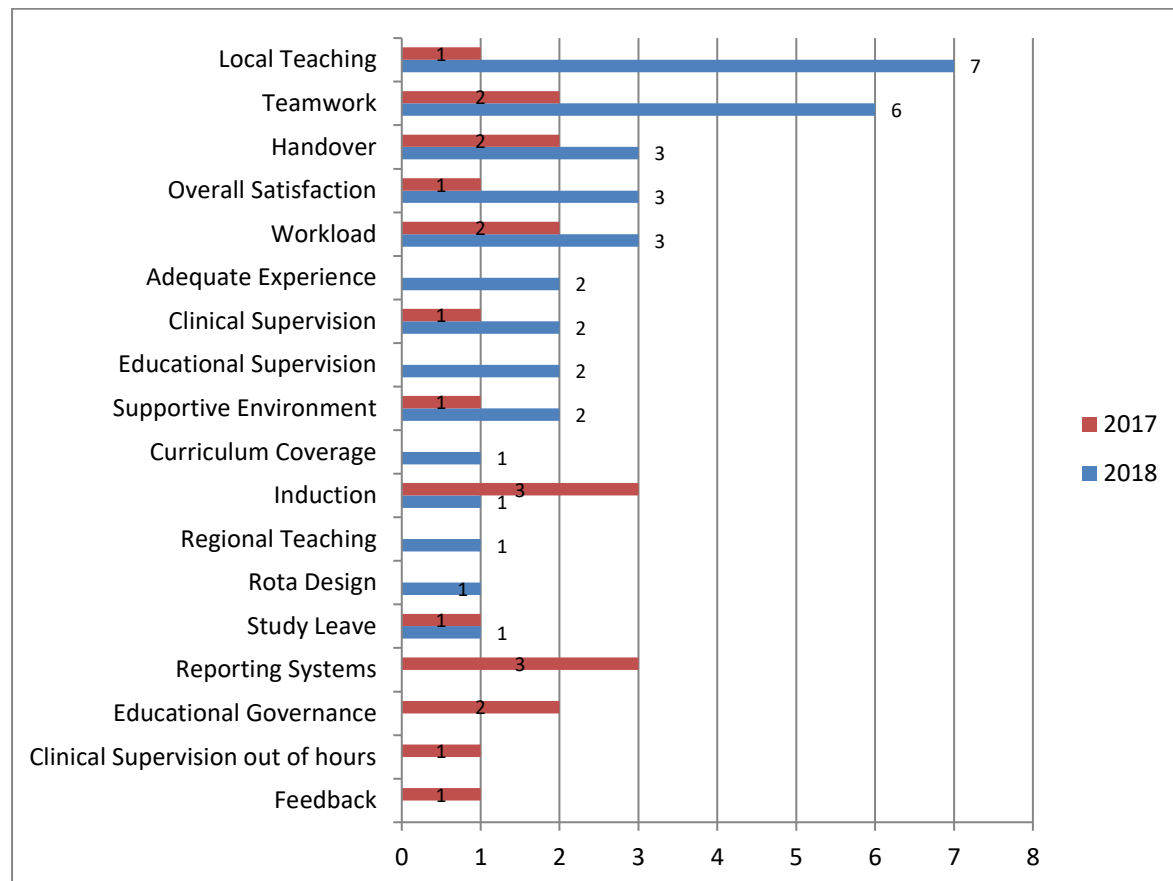
Trusts/Boards with green flags

Trust / Board	2017 green flags	2018 green flags
Guy's and St Thomas' NHS Foundation Trust	4/16 (25%)	10/18 (56%)
Hull and East Yorkshire Hospitals NHS Trust	2/17 (12%)	8/18 (44%)
Belfast Health and Social Care Trust	2/17 (12%)	7/17 (41%)
St George's University Hospitals NHS Foundation Trust	5/17 (29%)	7/18 (39%)
The Walton Centre NHS Foundation Trust	6/17 (35%)	7/18 (39%)
North Bristol NHS Trust	1/16 (6%)	4/18 (22%)
Cambridge University Hospitals NHS Foundation Trust	1/17 (6%)	2/18 (11%)
Lothian	2/17 (12%)	2/18 (11%)
Oxford University Hospitals NHS Foundation Trust	1/17 (6%)	2/18 (11%)
Salford Royal NHS Foundation Trust	0/17 (0%)	2/18 (11%)
Brighton and Sussex University Hospitals NHS Trust	<3 trainees	1/18 (6%)
Greater Glasgow and Clyde	1/17 (6%)	1/18 (6%)
Imperial College Healthcare NHS Trust	1/17 (6%)	1/17 (6%)
King's College Hospital NHS Foundation Trust	0/17 (0%)	1/18 (6%)
Lancashire Teaching Hospitals NHS Foundation Trust	0/17 (0%)	1/18 (6%)
Leeds Teaching Hospitals NHS Trust	0/16 (0%)	1/18 (6%)
Sheffield Teaching Hospitals NHS Foundation Trust	1/17 (6%)	1/18 (6%)
Tayside	1/15 (7%)	1/18 (6%)
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	4/17 (24%)	1/18 (6%)
University Hospital Southampton NHS Foundation Trust	12/17 (71%)	1/18 (6%)
University Hospitals of Leicester NHS Trust	0/16 (0%)	1/18 (6%)
University Hospitals of North Midlands NHS Trust	0/17 (0%)	1/18 (6%)
University Hospitals Plymouth NHS Trust	0/17 (0%)	1/18 (6%)

Results by Trust / Board

Red flags by indicator

Neurology had a total of **35 Trust / Board red flags** in the 2018 National Training Survey (an increase of 40% on 2017) in the following domains:



Red flags by indicator in consecutive surveys (2017 and 2018)

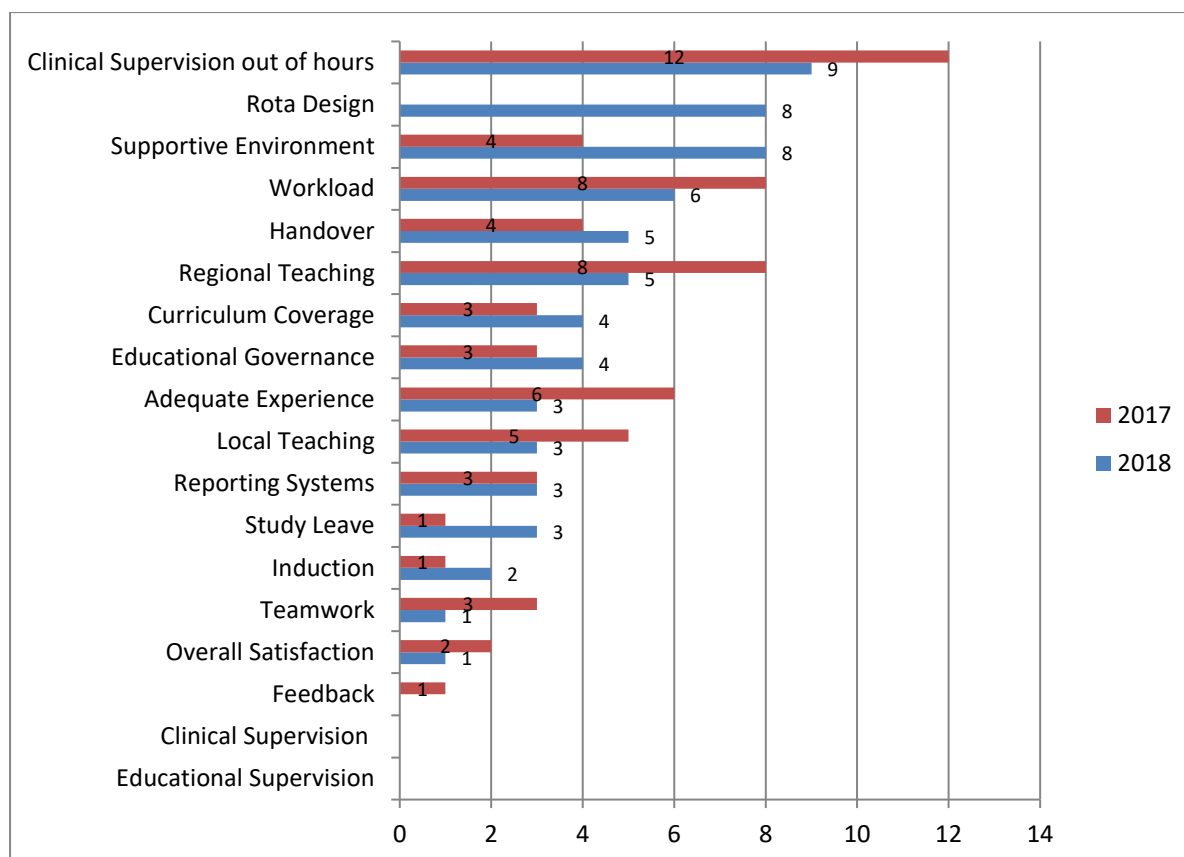
Red flags were reported in consecutive surveys in the following Trusts / Boards:

- Barking, Havering and Redbridge University Hospitals NHS Trust: Handover
- Greater Glasgow and Clyde: Teamwork

There were no reported red flags by indicator in three consecutive years (2016, 2017 and 2018).

Green flags by indicator

Neurology had a total of **65 Trust / Board green flags** in the 2018 National Training Survey (an increase of 2% on 2017) in the following domains:



Green flags by indicator in consecutive surveys (2017 and 2018)

Green flags were reported in consecutive surveys in the following Trusts/Boards:

- Belfast Health and Social Care Trust: Clinical Supervision out of hours, Curriculum Coverage, Educational Governance
- Greater Glasgow and Clyde: Work Load
- Hull and East Yorkshire Hospitals NHS Trust: Work Load, Regional Teaching
- North Bristol NHS Trust: Work Load
- University Hospital Southampton NHS Foundation Trust: Clinical Supervision out of hours

It should also be noted that green flags have been reported in three consecutive years, (2016, 2017 and 2018) for the following domains and Trusts / Boards:

- East Kent Hospitals University NHSFT: Regional Teaching
- Guy's and St Thomas' NHSFT: Clinical Supervision (out of hours), Supportive Environment, Adequate Experience
- Guy's and St Thomas' NHS Foundation Trust: Work Load **(Green flag in last 5 years)**
- Sheffield Teaching Hospitals NHS Foundation Trust: Clinical Supervision out of hours
- St George's University Hospitals NHS Foundation Trust : Clinical Supervision out of hours, Supportive environment, Adequate Experience
- The Newcastle Upon Tyne Hospitals NHS Foundation Trust: Handover
- The Walton Centre NHS Foundation Trust: Clinical Supervision out of hours, Reporting systems, Handover

Appendix 1

Trusts / Boards with red flags in 2018

Trust / Board	Indicator	2016	2017	2018
Barking, Havering and Redbridge University Hospitals NHS Trust	Overall Satisfaction	96.00	86.50	50.00
Barking, Havering and Redbridge University Hospitals NHS Trust	Clinical Supervision	88.67	95.00	76.00
Barking, Havering and Redbridge University Hospitals NHS Trust	Work Load	38.89	68.75	25.42
Barking, Havering and Redbridge University Hospitals NHS Trust	Teamwork		79.17	35.00
Barking, Havering and Redbridge University Hospitals NHS Trust	Handover	72.22	35.42	33.33
Barking, Havering and Redbridge University Hospitals NHS Trust	Supportive environment	93.33	78.75	46.00
Barking, Havering and Redbridge University Hospitals NHS Trust	Adequate Experience	100.00	89.38	61.50
Barking, Havering and Redbridge University Hospitals NHS Trust	Local Teaching	52.33	54.00	50.33
Barking, Havering and Redbridge University Hospitals NHS Trust	Study Leave		82.81	39.17
Belfast Health and Social Care Trust	Work Load	33.04	40.63	20.83
Belfast Health and Social Care Trust	Local Teaching	59.43	54.83	47.50
Belfast Health and Social Care Trust	Regional Teaching	61.05	65.55	50.00
Brighton and Sussex University Hospitals NHS Trust	Teamwork			55.56
Cardiff & Vale University Lhb	Handover		70.00	54.17
Cardiff & Vale University Lhb	Local Teaching		59.00	57.22
East Kent Hospitals University NHS Foundation Trust	Teamwork		68.75	65.00
Greater Glasgow and Clyde	Teamwork		58.33	62.12
Greater Glasgow and Clyde	Local Teaching	49.86	47.33	61.06
Lancashire Teaching Hospitals NHS Foundation Trust	Teamwork		75.00	54.17
Lancashire Teaching Hospitals NHS Foundation Trust	Supportive environment	75.00	71.00	59.17
Lancashire Teaching Hospitals NHS Foundation Trust	Local Teaching	57.50	48.80	61.67
Oxford University Hospitals NHS Foundation Trust	Educational Supervision	85.71	86.57	64.58
South Tees Hospitals NHS Foundation Trust	Overall Satisfaction	88.00	75.00	41.60
South Tees Hospitals NHS Foundation Trust	Clinical Supervision	93.63	88.75	77.25
South Tees Hospitals NHS Foundation Trust	Work Load	46.88	40.63	28.33
South Tees Hospitals NHS Foundation Trust	Teamwork		68.75	55.00
South Tees Hospitals NHS Foundation Trust	Handover	95.83	68.75	45.42
South Tees Hospitals NHS Foundation Trust	Induction	78.75	67.19	48.00
South Tees Hospitals NHS Foundation Trust	Adequate Experience	87.50	69.38	45.50
South Tees Hospitals NHS Foundation Trust	Curriculum Coverage		75.00	45.00
South Tees Hospitals NHS Foundation Trust	Local Teaching	63.50	47.50	55.33
South Tees Hospitals NHS Foundation Trust	Rota Design			25.00
University College London Hospitals NHS Foundation Trust	Educational Supervision	81.25	88.28	77.96
University Hospitals of Leicester NHS Trust	Overall Satisfaction	87.00	79.75	59.25
University Hospitals of Leicester NHS Trust	Local Teaching	62.00	56.75	59.17

Appendix 2

Trusts / Boards with green flags in 2018

Trust / Board	Indicator	2016	2017	2018
Belfast Health and Social Care Trust	Clinical Supervision out of hours	94.86	99.17	96.88
Belfast Health and Social Care Trust	Reporting systems	70.83	80.00	87.00
Belfast Health and Social Care Trust	Handover	64.17	75.00	75.35
Belfast Health and Social Care Trust	Supportive environment	80.00	80.00	91.67
Belfast Health and Social Care Trust	Curriculum Coverage		93.06	92.36
Belfast Health and Social Care Trust	Educational Governance		90.28	93.06
Belfast Health and Social Care Trust	Study Leave	87.62	90.97	94.45
Brighton and Sussex University Hospitals NHS Trust	Work Load	47.92		58.33
Cambridge University Hospitals NHS Foundation Trust	Reporting systems	74.17	80.45	85.00
Cambridge University Hospitals NHS Foundation Trust	Local Teaching	63.50	70.75	82.08
East Kent Hospitals University NHS Foundation Trust	Regional Teaching	81.67	80.63	93.67
Greater Glasgow and Clyde	Work Load	54.46	56.94	59.66
Guy's and St Thomas' NHS Foundation Trust	Clinical Supervision out of hours	97.00	97.50	96.88
Guy's and St Thomas' NHS Foundation Trust	Work Load	66.67	66.67	72.92
Guy's and St Thomas' NHS Foundation Trust	Supportive environment	96.67	90.00	87.50
Guy's and St Thomas' NHS Foundation Trust	Adequate Experience	100.00	94.38	94.38
Guy's and St Thomas' NHS Foundation Trust	Curriculum Coverage		86.46	89.58
Guy's and St Thomas' NHS Foundation Trust	Educational Governance		83.33	91.67
Guy's and St Thomas' NHS Foundation Trust	Local Teaching	63.00	72.00	91.25
Guy's and St Thomas' NHS Foundation Trust	Regional Teaching	78.83	72.63	95.00
Guy's and St Thomas' NHS Foundation Trust	Study Leave	100.00	79.69	97.92
Guy's and St Thomas' NHS Foundation Trust	Rota Design			92.19
Hull and East Yorkshire Hospitals NHS Trust	Clinical Supervision out of hours	92.06	91.00	97.50
Hull and East Yorkshire Hospitals NHS Trust	Work Load	57.81	63.75	73.33
Hull and East Yorkshire Hospitals NHS Trust	Handover	77.78	70.00	82.50
Hull and East Yorkshire Hospitals NHS Trust	Induction	93.75	93.33	91.50
Hull and East Yorkshire Hospitals NHS Trust	Local Teaching	65.25	60.40	88.33
Hull and East Yorkshire Hospitals NHS Trust	Regional Teaching	72.63	77.60	87.67
Hull and East Yorkshire Hospitals NHS Trust	Study Leave	58.33	75.00	93.75
Hull and East Yorkshire Hospitals NHS Trust	Rota Design			81.25
Imperial College Healthcare NHS Trust	Supportive environment	81.25	80.00	80.63
King's College Hospital NHS Foundation Trust	Supportive environment	65.50	63.00	82.22
Lancashire Teaching Hospitals NHS Foundation Trust	Clinical Supervision out of hours	90.44	92.00	96.25
Leeds Teaching Hospitals NHS Trust	Clinical Supervision out of hours	91.00	92.92	95.31
Lothian	Handover	83.33	71.67	77.43
Lothian	Supportive environment	79.00	80.00	81.67

Trust / Board	Indicator	2016	2017	2018
North Bristol NHS Trust	Work Load	48.21	60.94	61.46
North Bristol NHS Trust	Supportive environment	72.86	72.50	85.00
North Bristol NHS Trust	Adequate Experience	78.57	80.00	90.83
North Bristol NHS Trust	Rota Design			75.35
Oxford University Hospitals NHS Foundation Trust	Regional Teaching	68.21	67.17	89.05
Oxford University Hospitals NHS Foundation Trust	Rota Design			81.25
Salford Royal NHS Foundation Trust	Educational Governance		64.82	83.33
Salford Royal NHS Foundation Trust	Rota Design			78.91
Sheffield Teaching Hospitals NHS Foundation Trust	Clinical Supervision out of hours	97.55	96.25	95.19
St George's University Hospitals NHS Foundation Trust	Overall Satisfaction	91.50	94.67	98.00
St George's University Hospitals NHS Foundation Trust	Supportive environment	86.25	85.56	87.22
St George's University Hospitals NHS Foundation Trust	Adequate Experience	93.75	93.89	97.50
St George's University Hospitals NHS Foundation Trust	Curriculum Coverage		87.04	93.52
St George's University Hospitals NHS Foundation Trust	Educational Governance		83.33	90.74
St George's University Hospitals NHS Foundation Trust	Regional Teaching	66.97	69.11	87.04
St George's University Hospitals NHS Foundation Trust	Rota Design			85.42
Tayside	Rota Design			78.13
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	Handover	88.20	81.25	77.08
The Walton Centre NHS Foundation Trust	Clinical Supervision out of hours	96.55	97.08	95.31
The Walton Centre NHS Foundation Trust	Reporting systems	90.50	88.33	83.75
The Walton Centre NHS Foundation Trust	Work Load	53.13	53.47	59.38
The Walton Centre NHS Foundation Trust	Teamwork		83.33	84.37
The Walton Centre NHS Foundation Trust	Handover	86.67	86.57	85.42
The Walton Centre NHS Foundation Trust	Supportive environment	89.50	84.44	83.13
The Walton Centre NHS Foundation Trust	Rota Design			81.25
University Hospital Southampton NHS Foundation Trust	Clinical Supervision out of hours	94.22	99.00	95.42
University Hospitals Plymouth NHS Trust	Induction	88.00	90.63	91.25
University Hospitals of Leicester NHS Trust	Clinical Supervision out of hours	96.19	93.75	95.31
University Hospitals of North Midlands NHS Trust	Curriculum Coverage		80.00	89.58