

2019 NATIONAL TRAINEE SURVEY RESULTS

NEUROLOGY

GENERIC INDICATORS

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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

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.

256 Neurology trainees (72 ST3, 50 ST4, 50 ST5, 48 ST6, 34 ST7 and 2 ST8) completed the 2019 survey. This was an overall increase of 1% (2 trainees) on the number of trainees completing the 2018 survey. The numbers of trainees in each Deanery / LETB completing the survey were as follows:

Deanery / LETB	2018	2019	% Difference
Defence Postgraduate Medical Deanery	1	1	+ 0%
Health Education East Midlands	13	10	-23%
Health Education East of England	18	18	+ 0%
Health Education Kent, Surrey and Sussex	17	15	-12%
Health Education London (N,C & E)	33	42	+27%
Health Education London (NW)	0	0	+ 0%
Health Education London (South)	21	20	-5%
Health Education North East	13	11	-15%
Health Education North West	14	12	-14%
Health Education Mersey	8	11	+38%
Health Education Severn	9	5	-44%
Health Education South West Peninsula	7	7	+ 0%
Health Education Thames Valley	11	9	-18%
Health Education Wessex	7	8	+14%
Health Education West Midlands	16	21	+31%
Health Education Yorkshire and the Humber	28	31	+11%
Health Education and Improvement Wales	8	8	+ 0%
NHS Education for Scotland (East Region)	0	0	+ 0%
NHS Education for Scotland (North Region)	22	19	-14%
NHS Education for Scotland (South-East Region)	0	0	+ 0%
NHS Education for Scotland (West Region)	0	0	+ 0%
Northern Ireland Medical & Dental Training Agency	8	8	+ 0%
Total	254	256	+1%

Executive Summary

Data was available for 52% (34/65) Trusts/Boards with Neurology trainees. Where data was available, there has been an increase in the number of Trust/Board red flags and a decrease in green flags in 2019 in comparison to the 2018 results. Red flags increased by 17 to 52 (+49%) with green flags decreasing by 20 to 45 (-31%).

Educational Governance and Regional Teaching showed the biggest 2019 increases in red flags up 4 compared to 2018 with Teamwork showing the biggest increase in green flags up from 1 to 4 compared to 2018.

The indicators showing the highest number of red or green flags compared to 2018 were:

Indicator (red flags)	No	Indicator (green flags)	No
Adequate Experience	5 (+3)	Clinical Supervision (out of hours)	7 (-2)
Local Teaching	5 (-2)	Rota Design	6 (-2)
Overall Satisfaction	5 (+2)	Adequate Experience	5 (-2)
Regional Teaching	5 (+4)	Supportive Environment	5 (-3)
Educational Governance	4 (+4)	Local Teaching	4 (+1)
Rota Design	4 (+3)	Teamwork	4 (+3)
Clinical Supervision	3 (+1)	Workload	3 (-3)
Reporting Systems	3 (+3)	Feedback	2 (+2)
Supportive Environment	3 (+1)	Handover	2 (-3)
Teamwork	3 (-3)	Induction	2 (+0)

Of the 52 red flags recorded for all of the indicators in 2019, 87% (45/52) were in Trusts in England, with 10% (5/52) Boards in Scotland and 4% (2/52) Trusts in Northern Ireland. There were no red flags for Boards in Wales.

The average of the mean scores by Deanery / LETB for Overall Satisfaction in 2019 was 81.58, no change from 2018. From a regional perspective the scores were as follows:

Quartile	Deanery / LETB	2018 Mean	2019 Mean	Difference
4	Health Education North West	87.14	90.13	+2.99
4	Health Education and Improvement Wales	89.13	89.13	+0.00
4	NHS Education for Scotland	81.59	86.11	+4.52
4	Health Education Kent, Surrey and Sussex	85.53	84.60	-0.93
3	Health Education Yorkshire and the Humber	81.54	83.97	+2.43
3	Health Education Thames Valley	89.00	83.89	-5.11
3	Health Education East of England	80.28	83.78	+3.50
2	Northern Ireland Medical & Dental Training Agency	81.75	83.13	+1.38
2	Health Education North Central and East London	78.94	81.33	+2.39
2	Health Education South West	81.00	80.42	-0.58
2	Health Education South London	89.14	79.65	-9.49
1	Health Education Wessex	85.57	79.50	-6.07
1	Health Education North East	63.85	74.27	+10.42
1	Health Education East Midlands	73.46	72.60	-0.86
1	Health Education West Midlands	75.75	71.24	-4.51
1	Defence Postgraduate Medical Deanery	<3 trainees	<3 trainees	N/A
1	Health Education North West London	0 trainees	0 trainees	N/A

	Increase in mean Overall Satisfaction score for 2019 compared to 2018
	decrease in mean Overall Satisfaction score for 2019 compared to 2018

Trusts/Boards with red flags

Trust / Board	2018 red flags	2019 red flags
University Hospitals of North Midlands NHS Trust	0/18 (0%)	12/18 (67%)
Barking, Havering and Redbridge University Hospitals NHS Trust	9/18 (50%)	10/18 (56%)
King's College Hospital NHS Foundation Trust	0/18 (0%)	10/18 (56%)
South Tees Hospitals NHS Foundation Trust	10/18 (56%)	5/16 (31%)
Tayside	0/18 (0%)	5/18 (28%)
Belfast Health and Social Care Trust	3/17 (18%)	2/18 (11%)
University Hospitals of Leicester NHS Trust	2/18 (11%)	2/16 (13%)
Imperial College Healthcare NHS Trust	0/17 (0%)	1/18 (6%)
Lancashire Teaching Hospitals NHS Foundation Trust	3/18 (17%)	1/18 (6%)
North Bristol NHS Trust	0/18 (0%)	1/18 (6%)
Oxford University Hospitals NHS Foundation Trust	1/18 (6%)	1/17 (6%)
University College London Hospitals NHS Foundation Trust	1/18 (6%)	1/18 (6%)
University Hospitals Plymouth NHS Trust	0/18 (0%)	1/18 (6%)

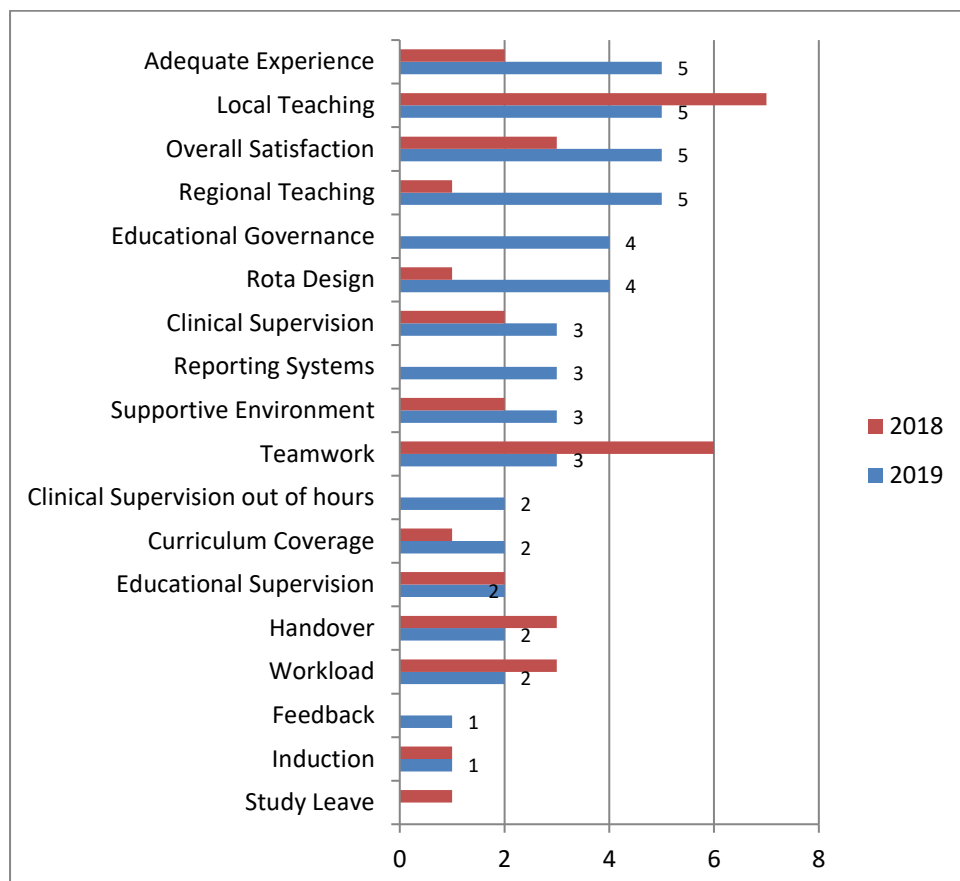
Trusts/Boards with green flags

Trust / Board	2018 green flags	2019 green flags
Lothian	2/18 (11%)	7/18 (39%)
East Kent Hospitals University NHS Foundation Trust	1/18 (6%)	5/18 (28%)
Swansea Bay University Local Health Board	<3 trainees	4/18 (22%)
The Walton Centre NHS Foundation Trust	7/18 (39%)	4/18 (22%)
Belfast Health and Social Care Trust	7/17 (41%)	3/18 (17%)
Salford Royal NHS Foundation Trust	2/18 (11%)	3/18 (17%)
St George's University Hospitals NHS Foundation Trust	7/18 (39%)	3/18 (17%)
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	1/18 (6%)	3/18 (17%)
Hull and East Yorkshire Hospitals NHS Trust	8/18 (44%)	2/18 (11%)
Leeds Teaching Hospitals NHS Trust	1/18 (6%)	2/18 (11%)
University Hospitals Coventry and Warwickshire NHS Trust	0/18 (0%)	2/18 (11%)
Brighton and Sussex University Hospitals NHS Trust	1/18 (6%)	1/16 (6%)
Cambridge University Hospitals NHS Foundation Trust	2/18 (11%)	1/18 (6%)
Greater Glasgow and Clyde	1/18 (6%)	1/18 (6%)
Lancashire Teaching Hospitals NHS Foundation Trust	1/18 (6%)	1/18 (6%)
Nottingham University Hospitals NHS Trust	0/18 (0%)	1/18 (6%)
Royal Free London NHS Foundation Trust	0/18 (0%)	1/18 (6%)
University Hospitals of Leicester NHS Trust	1/18 (6%)	1/16 (6%)

Results by Trust / Board

Red flags by indicator

Neurology had a total of **52 Trust / Board red flags** in the 2019 National Training Survey (an increase of 17 on 2018) in the following domains:



Red flags by indicator in consecutive surveys (2018 and 2019)

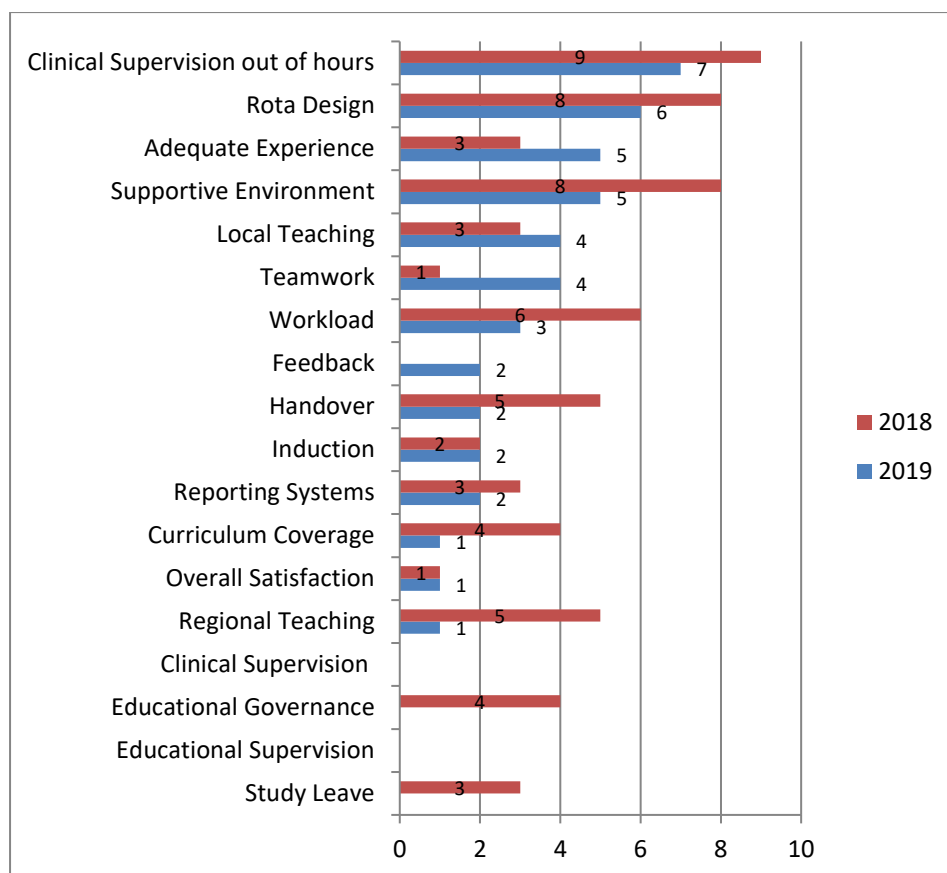
Red flags were reported in consecutive surveys in the following Trusts / Boards:

- Barking, Havering and Redbridge University Hospitals NHS Trust: Adequate Experience, Clinical Supervision, Local Teaching, Overall Satisfaction, Supportive environment, Work Load
- Belfast Health and Social Care Trust: Local Teaching, Regional Teaching
- King's College Hospital NHSFT: Educational Governance and Induction (**2 of last 3 years**), Reporting systems (**3 of last 4 years**),
- Lancashire Teaching Hospitals NHSFT: Teamwork
- Oxford University Hospitals NHSFT: Educational Supervision
- South Tees Hospitals NHSFT: Adequate Experience, Clinical Supervision, Curriculum Coverage, Handover, Overall Satisfaction
- University Hospitals of Leicester NHS Trust : Overall Satisfaction

There were no reported red flags by indicator in three consecutive years (2017, 2018 and 2019).

Green flags by indicator

Neurology had a total of 45 **Trust / Board green flags** in the 2019 National Training Survey (a decrease of 20 on 2018) in the following domains:



Green flags by indicator in consecutive surveys (2018 and 2019)

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

- Belfast Health and Social Care Trust: Reporting systems, Supportive environment
- Hull University Teaching Hospitals NHS Trust: Clinical Supervision out of hours
- Lancashire Teaching Hospitals NHSFT: Clinical Supervision out of hours
- Lothian: Handover, Supportive environment, Clinical Supervision out of hours **(2 of last 3 years)**, Local Teaching **(2 of last 3 years)**
- Salford Royal NHS Foundation Trust : Rota Design
- St George's University Hospitals NHSFT: Teamwork
- Swansea Bay University Local Health Board : Adequate Experience and Clinical Supervision out of hours **(2 of last 3 years)**
- The Newcastle Upon Tyne Hospitals NHSFT: Clinical Supervision out of hours **(2 of last 3 years)**
- The Walton Centre NHSFT: Rota Design, Teamwork, Work Load
- University Hospitals Coventry and Warwickshire NHS Trust: Handover **(3 of last 4 years)**,

It should also be noted that green flags have been reported in three consecutive years, (2017, 2018 and 2019) for the following domains and Trusts / Boards:

- Belfast Health and Social Care Trust: Clinical Supervision out of hours
- Hull University Teaching Hospitals NHS Trust: Work Load
- St George's University Hospitals NHS Foundation Trust : Adequate Experience and Supportive environment **(Green flag in last 4 consecutive years)**

Appendix 1

Trusts / Boards with red flags in 2019

Trust / Board	Indicator	2017	2018	2019
Barking, Havering and Redbridge University Hospitals NHS Trust	Overall Satisfaction	86.50	50.00	56.67
Barking, Havering and Redbridge University Hospitals NHS Trust	Clinical Supervision	95.00	76.00	68.33
Barking, Havering and Redbridge University Hospitals NHS Trust	Clinical Supervision out of hours	85.00	76.67	81.25
Barking, Havering and Redbridge University Hospitals NHS Trust	Reporting systems	71.25	62.00	46.67
Barking, Havering and Redbridge University Hospitals NHS Trust	Work Load	68.75	25.42	13.89
Barking, Havering and Redbridge University Hospitals NHS Trust	Supportive environment	78.75	46.00	36.67
Barking, Havering and Redbridge University Hospitals NHS Trust	Adequate Experience	89.38	61.50	61.67
Barking, Havering and Redbridge University Hospitals NHS Trust	Educational Governance	70.84	48.33	36.11
Barking, Havering and Redbridge University Hospitals NHS Trust	Local Teaching	54.00	50.33	52.78
Barking, Havering and Redbridge University Hospitals NHS Trust	Rota Design		43.75	10.42
Belfast Health and Social Care Trust	Local Teaching	54.83	47.50	50.00
Belfast Health and Social Care Trust	Regional Teaching	65.55	50.00	63.06
Imperial College Healthcare NHS Trust	Rota Design		65.63	43.13
King's College Hospital NHS Foundation Trust	Overall Satisfaction	66.80	84.11	68.56
King's College Hospital NHS Foundation Trust	Reporting systems	59.00	80.14	56.67
King's College Hospital NHS Foundation Trust	Teamwork	75.00	74.07	61.11
King's College Hospital NHS Foundation Trust	Supportive environment	63.00	82.22	53.89
King's College Hospital NHS Foundation Trust	Induction	53.75	86.11	59.58
King's College Hospital NHS Foundation Trust	Adequate Experience	82.00	76.94	68.33
King's College Hospital NHS Foundation Trust	Educational Governance	61.66	74.07	58.33
King's College Hospital NHS Foundation Trust	Local Teaching	56.60	70.92	55.00
King's College Hospital NHS Foundation Trust	Regional Teaching	65.50	73.70	53.89
King's College Hospital NHS Foundation Trust	Rota Design		68.06	27.08
Lancashire Teaching Hospitals NHS Foundation Trust	Teamwork	75.00	54.17	56.67
North Bristol NHS Trust	Regional Teaching	65.25	80.00	60.55
Oxford University Hospitals NHS Foundation Trust	Educational Supervision	86.57	64.58	60.94
South Tees Hospitals NHS Foundation Trust	Overall Satisfaction	75.00	41.60	53.67
South Tees Hospitals NHS Foundation Trust	Clinical Supervision	88.75	77.25	81.67
South Tees Hospitals NHS Foundation Trust	Handover	68.75	45.42	50.00
South Tees Hospitals NHS Foundation Trust	Adequate Experience	69.38	45.50	55.83
South Tees Hospitals NHS Foundation Trust	Curriculum Coverage	75.00	45.00	45.83
Tayside	Clinical Supervision	96.67	92.50	70.00
Tayside	Clinical Supervision out of hours	98.33	90.63	62.50
Tayside	Educational Governance	86.11	70.83	63.89
Tayside	Local Teaching	53.00	69.17	53.33
Tayside	Regional Teaching	69.83	80.42	54.44

Trust / Board	Indicator	2017	2018	2019
University College London Hospitals NHS Foundation Trust	Feedback	57.08	63.46	54.76
University Hospitals Plymouth NHS Trust	Handover	79.17	53.13	46.88
University Hospitals of Leicester NHS Trust	Overall Satisfaction	79.75	59.25	64.33
University Hospitals of Leicester NHS Trust	Adequate Experience	83.75	68.75	70.00
University Hospitals of North Midlands NHS Trust	Overall Satisfaction	80.80	87.00	48.40
University Hospitals of North Midlands NHS Trust	Reporting systems	75.00	75.00	40.94
University Hospitals of North Midlands NHS Trust	Work Load	56.25	43.75	30.00
University Hospitals of North Midlands NHS Trust	Teamwork	78.33	77.09	38.33
University Hospitals of North Midlands NHS Trust	Supportive environment	72.00	80.00	46.00
University Hospitals of North Midlands NHS Trust	Adequate Experience	84.00	88.75	52.50
University Hospitals of North Midlands NHS Trust	Curriculum Coverage	80.00	89.58	57.50
University Hospitals of North Midlands NHS Trust	Educational Governance	66.67	79.17	50.00
University Hospitals of North Midlands NHS Trust	Educational Supervision	91.67	95.31	72.50
University Hospitals of North Midlands NHS Trust	Local Teaching	65.40	75.00	51.00
University Hospitals of North Midlands NHS Trust	Regional Teaching	66.85	72.08	57.33
University Hospitals of North Midlands NHS Trust	Rota Design		62.50	21.25

Appendix 2

Trusts / Boards with green flags in 2019

Trust / Board	Indicator	2017	2018	2019
Belfast Health and Social Care Trust	Clinical Supervision out of hours	99.17	96.88	98.21
Belfast Health and Social Care Trust	Reporting systems	80.00	87.00	90.00
Belfast Health and Social Care Trust	Supportive environment	80.00	91.67	83.57
Brighton and Sussex University Hospitals NHS Trust	Induction		83.33	91.67
Cambridge University Hospitals NHS Foundation Trust	Teamwork	75.76	81.25	84.09
East Kent Hospitals University NHS Foundation Trust	Reporting systems	58.75	62.00	90.00
East Kent Hospitals University NHS Foundation Trust	Teamwork	68.75	65.00	85.42
East Kent Hospitals University NHS Foundation Trust	Supportive environment	66.25	76.00	88.75
East Kent Hospitals University NHS Foundation Trust	Adequate Experience	56.25	88.50	91.88
East Kent Hospitals University NHS Foundation Trust	Rota Design		71.25	85.94
Greater Glasgow and Clyde	Induction	78.70	83.52	91.07
Hull University Teaching Hospitals NHS Trust	Clinical Supervision out of hours	91.00	97.50	95.31
Hull University Teaching Hospitals NHS Trust	Work Load	63.75	73.33	73.75
Lancashire Teaching Hospitals NHS Foundation Trust	Clinical Supervision out of hours	92.00	96.25	94.17
Leeds Teaching Hospitals NHS Trust	Regional Teaching	71.58	82.08	90.67
Leeds Teaching Hospitals NHS Trust	Rota Design		71.88	76.25
Lothian	Overall Satisfaction	89.86	89.17	96.83
Lothian	Clinical Supervision out of hours	96.43	92.71	97.92
Lothian	Handover	71.67	77.43	78.75
Lothian	Supportive environment	80.00	81.67	87.50
Lothian	Adequate Experience	82.50	81.25	96.25
Lothian	Feedback	88.89	91.67	94.45
Lothian	Local Teaching	77.71	77.22	78.33
Nottingham University Hospitals NHS Trust	Clinical Supervision out of hours	95.00	90.77	95.00
Royal Free London NHS Foundation Trust	Rota Design		72.92	75.78
Salford Royal NHS Foundation Trust	Adequate Experience	73.61	87.19	95.36
Salford Royal NHS Foundation Trust	Local Teaching	59.44	79.17	79.29
Salford Royal NHS Foundation Trust	Rota Design		78.91	77.68
St George's University Hospitals NHS Foundation Trust	Teamwork	83.33	82.41	83.33
St George's University Hospitals NHS Foundation Trust	Supportive environment	85.56	87.22	85.56
St George's University Hospitals NHS Foundation Trust	Adequate Experience	93.89	97.50	92.78
Swansea Bay University Local Health Board	Clinical Supervision out of hours	96.67		96.36
Swansea Bay University Local Health Board	Adequate Experience	93.33		94.38
Swansea Bay University Local Health Board	Curriculum Coverage	77.78		93.75
Swansea Bay University Local Health Board	Feedback	91.67		94.45
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	Clinical Supervision out of hours	97.50	92.71	96.13
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	Supportive environment	68.33	70.83	81.25
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	Rota Design		75.00	76.79

Trust / Board	Indicator	2017	2018	2019
The Walton Centre NHS Foundation Trust	Work Load	53.47	59.38	61.93
The Walton Centre NHS Foundation Trust	Teamwork	83.33	84.37	84.85
The Walton Centre NHS Foundation Trust	Local Teaching	62.11	73.96	78.64
The Walton Centre NHS Foundation Trust	Rota Design		81.25	86.04
University Hospitals Coventry and Warwickshire NHS Trust	Handover	78.33	64.06	75.89
University Hospitals Coventry and Warwickshire NHS Trust	Local Teaching	57.80	67.34	78.57
University Hospitals of Leicester NHS Trust	Work Load	50.00	32.81	62.50