

# 2017 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 (**new for 2017**)
- Handover
- Supportive environment
- Induction
- Adequate Experience
- Curriculum coverage (**new for 2017**)
- Educational Governance (**new for 2017**)
- Educational Supervision
- Feedback
- Local Teaching
- Regional Teaching
- Study Leave

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 (58 ST3, 61 ST4, 45 ST5, 48 ST6, 37 ST7 and 3 ST8 trainees) an overall increase of 9% compared to 2016, completed the 2017 survey. The numbers of trainees in each Deanery / LETB completing the survey were as follows:

Deanery / LETB	2016	2017	% Difference
Health Education East Midlands	11	11	+ 0%
Health Education East of England	14	17	+ 8%
Health Education Kent, Surrey and Sussex	13	9	-31%
Health Education N, C & E London	27	35	+23%
Health Education North East	11	12	+ 8%
Health Education North West	21	23	+ 9%
Health Education NW London	7	10	+30%
Health Education South London	17	18	+ 6%
Health Education South West	16	16	+ 0%
Health Education Thames Valley	8	11	+27%
Health Education Wessex	10	8	-20%
Health Education West Midlands	18	16	-11%
Health Education Yorkshire and the Humber	26	26	+ 0%
NHS Education for Scotland	15	21	+29%
Northern Ireland Medical & Dental Training Agency	8	9	+11%
Wales Deanery	10	12	+17%
<b>Total</b>	<b>232</b>	<b>254</b>	<b>+ 9%</b>

 Reduction of >10% of trainees completing the NTS in 2017 compared to 2016

# Executive Summary

Data was available for 52% (34/65) Trusts/Boards with Neurology trainees. Where data was available, there have been increases in both the number of Trust/Board red and green flags in 2017 in comparison to the 2016 results. Red flags increased by 4 to 21 (+19%) with green flags increasing by 8 to 64 (+9%).

Reporting Systems and Induction showed the biggest 2017 increases in red flags, up from 1 to 3 compared to 2016, with Workload and Regional Teaching showing the biggest increases in green flags, up from 3 to 8 compared to 2016.

The indicators showing the highest number of Trusts with red or green flags compared to 2016 were:

	Indicator (red flags)	No	Indicator (green flags)	No
1	Reporting Systems	3 (+2)	Clinical Supervision (out of hours)	12 (+4)
2	Induction	3 (+2)	Workload	8 (+5)
3	Workload	2 (+2)	Regional Teaching	8 (+5)
4	Teamwork	2 (+2)	Adequate Experience	6 (-2)
5	Handover	2 (+1)	Local Teaching	5 (+1)
6	Educational Governance	2 (new)		

Of the 21 red flags recorded for all of the indicators in 2017, 95% (20/21) were in Trusts in England with 5% (1/21) in Scotland. There were no red flags for Trusts in Northern Ireland or Boards in Wales.

**The average of the mean scores by Deanery / LETB for Overall Satisfaction** in 2017 was 83.90, up **0.57 on 2016**. From a regional perspective the scores were as follows:

Quartile	Deanery / LETB	2016 Mean	2017 Mean	Difference
4	Health Education Wessex	88.80	95.63	+6.83
4	Northern Ireland Medical & Dental Training Agency	85.00	90.33	+5.33
4	Wales Deanery	88.80	90.33	+1.53
4	Health Education Thames Valley	86.50	85.73	-0.77
3	Health Education South London	84.00	85.67	+1.67
3	Health Education East of England	78.57	84.67	+6.10
3	Health Education North West London	82.86	84.20	+1.34
3	Health Education North East	88.00	83.50	-4.50
2	Health Education East Midlands	87.27	83.45	-3.82
2	Health Education North West	92.00	83.30	-8.70
2	Health Education North Central and East London	85.48	83.00	-2.48
2	Health Education Yorkshire and the Humber	86.31	81.12	-5.19
1	NHS Education for Scotland	77.33	80.33	+3.00
1	Health Education South West	78.00	79.56	+1.56
1	Health Education West Midlands	81.11	79.56	-1.65
1	Health Education Kent, Surrey and Sussex	81.54	72.08	-9.46

	Increase in mean Overall Satisfaction score for 2017 compared to 2016
	decrease in mean Overall Satisfaction score for 2017 compared to 2016

## Trusts/Boards with red flags

No	Trust / Board	2016 red flags	2017 red flags
1=	East Kent Hospitals University NHSFT	2/14 (14%)	5/17 (29%)
1=	King's College Hospital NHSFT	4/14 (29%)	5/17 (29%)
3	Barts Health NHS Trust	1/13 (8%)	4/17 (24%)
4=	Barking, Havering and Redbridge University Hospitals NHS Trust	0/13 (0%)	2/17 (12%)
4=	Norfolk and Norwich University Hospitals NHSFT	0/13 (0%)	2/17 (12%)
4=	University College London Hospitals NHSFT	5/14 (36%)	2/17 (12%)
7	Greater Glasgow and Clyde	1/14 (7%)	1/17 (6%)

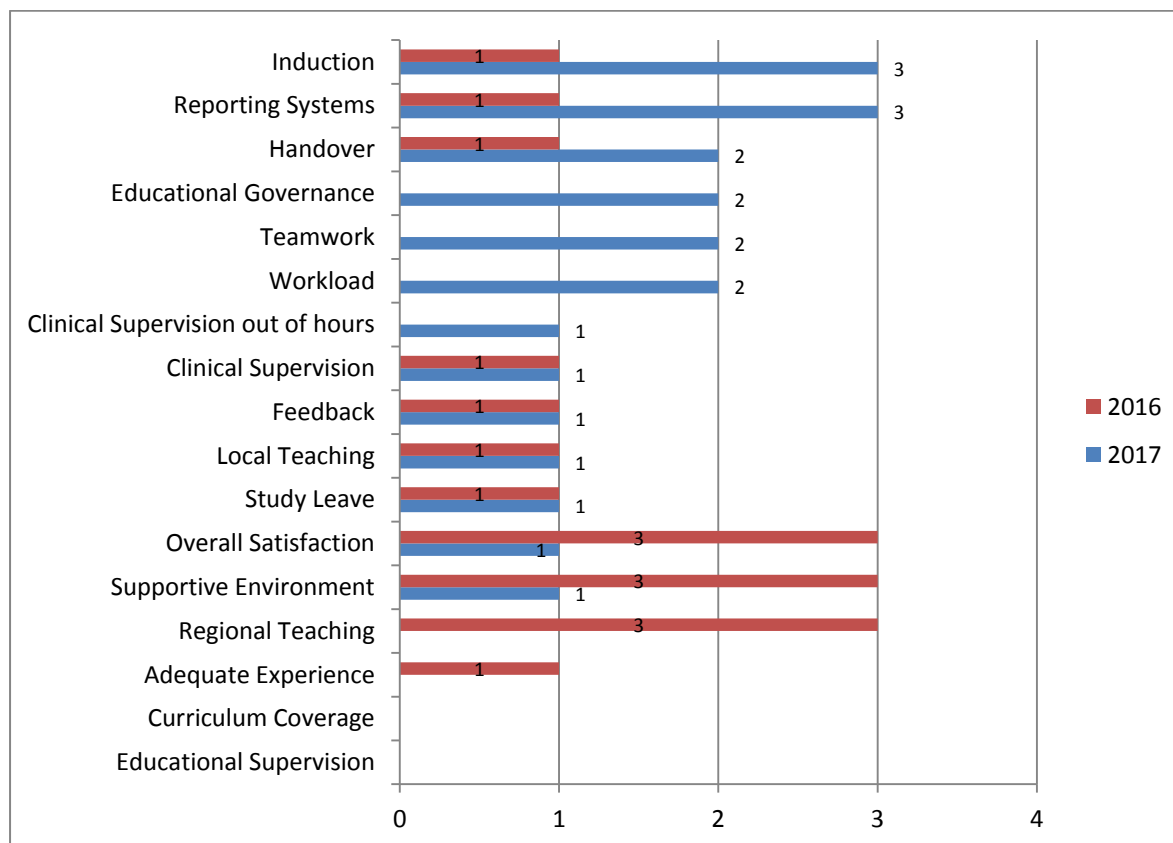
## Trusts/Boards with green flags

	Trust / Board	2016 green flags	2017 green flags
	University Hospital Southampton NHS Foundation Trust	0/14 (0%)	12/17 (71%)
	Abertawe Bro Morgannwg University Lhb	1/11 (9%)	6/17 (35%)
	The Walton Centre NHS Foundation Trust	5/14 (36%)	6/17 (35%)
	St George's University Hospitals NHS Foundation Trust	3/14 (21%)	5/17 (29%)
	Belfast Health and Social Care Trust	1/14 (7%)	4/17 (24%)
	Guy's and St Thomas' NHS Foundation Trust	9/13 (69%)	4/16 (25%)
	The Newcastle Upon Tyne Hospitals NHS Foundation Trust	0/12 (0%)	4/17 (24%)
	Barking, Havering and Redbridge University Hospitals NHS Trust	2/14 (14%)	2/17 (12%)
	Cardiff & Vale University Lhb	<3 trainees	2/17 (12%)
	Hull and East Yorkshire Hospitals NHS Trust	0/14 (0%)	2/17 (12%)
	Lothian	0/14 (0%)	2/17 (12%)
	Norfolk and Norwich University Hospitals NHS Foundation Trust	2/13 (15%)	2/17 (12%)
	University Hospitals Coventry and Warwickshire NHS Trust	4/14 (29%)	2/17 (12%)

## Results by Trust / Board

### Red flags by indicator

Neurology had a total of **21 Trust / Board red flags** in the 2017 National Training Survey (an increase of 19% on 2016) in the following domains:



### Red flags by indicator in consecutive surveys (2016 and 2017)

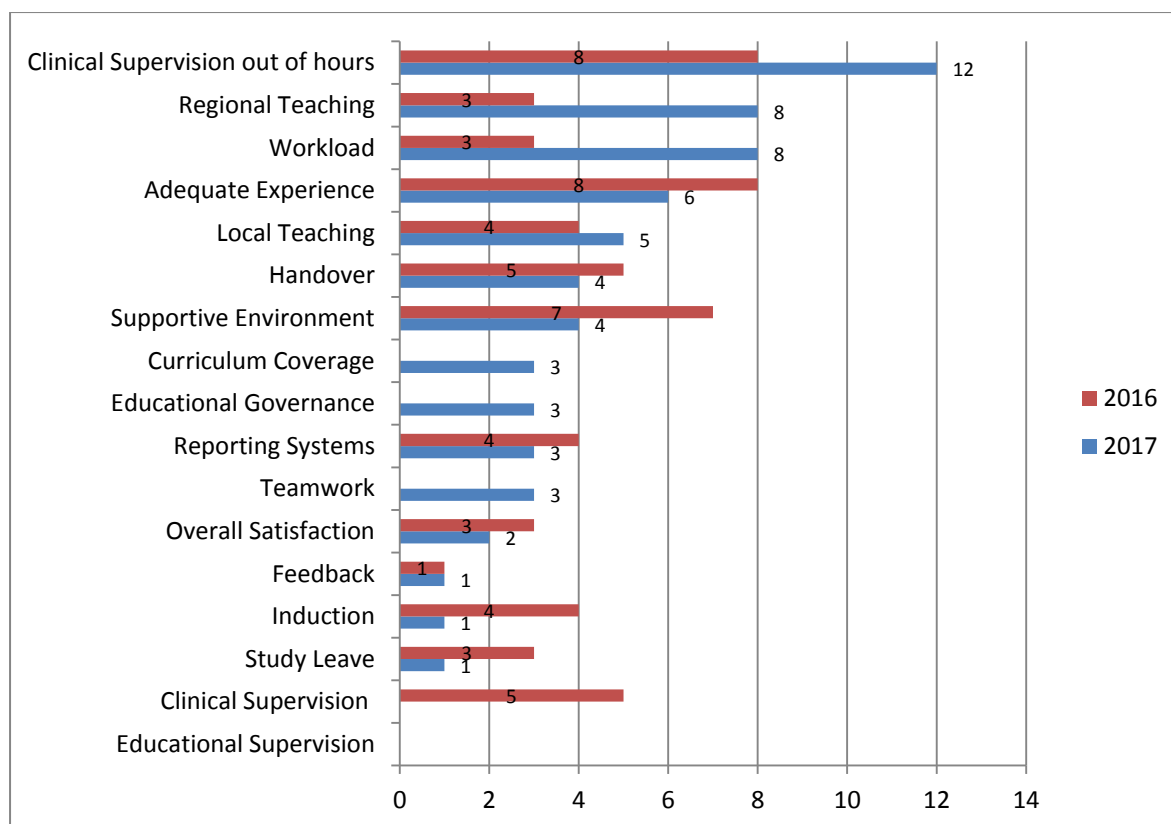
Red flags were reported in consecutive surveys in the following Trusts / Boards:

- East Kent Hospitals University NHSFT: Overall Satisfaction
- King's College Hospital NHSFT: Reporting Systems

Although not in consecutive years, **East Kent Hospitals University NHSFT has reported a red flag for Overall Satisfaction in 3 of the last 4 years.**

## Green flags by indicator

Neurology had a total of **64 Trust / Board green flags** in the 2017 National Training Survey (an increase of 9% on 2016) in the following domains:



## Green flags by indicator in consecutive surveys (2016 and 2017)

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

- Abertawe Bro Morgannwg University Lhb: Workload
- East Kent Hospitals University NHSFT: Regional Teaching
- Guy's and St Thomas' NHSFT: Clinical Supervision out of hours, Supportive Environment, Adequate Experience
- Sheffield Teaching Hospitals NHSFT: Clinical Supervision out of hours
- South Tees Hospitals NHSFT: Regional Teaching
- St George's University Hospitals NHSFT: Supportive environment, Adequate Experience
- The Newcastle Upon Tyne Hospitals NHSFT: Handover, Local Teaching
- The Walton Centre NHSFT: Clinical Supervision out of hours, Reporting systems, Handover
- University Hospitals Coventry and Warwickshire NHS Trust: Handover

**It should also be noted that green flags have been reported in three consecutive years, (2015, 2016 and 2017) for the following domains and Trusts / Boards:**

- Guy's and St Thomas' NHSFT: Workload **(last 4 years)**
- Sheffield Teaching Hospitals NHSFT: Clinical Supervision out of hours
- The Walton Centre NHSFT: Adequate Experience

Although not in consecutive years, **East Kent Hospitals University NHSFT has reported a green flag for Regional Teaching in 3 of the last 4 years.**

## Appendix 1

### Trusts / Boards with red flags in 2017

Trust / Board	Indicator	2012	2013	2014	2015	2016	2017
Abertawe Bro Morgannwg University Lhb	Overall Satisfaction			80.00	94.40	86.67	90.00
Abertawe Bro Morgannwg University Lhb	Clinical Supervision out of hours				91.60	92.92	90.00
Abertawe Bro Morgannwg University Lhb	Work Load			66.67	50.00	68.75	60.00
Abertawe Bro Morgannwg University Lhb	Supportive environment				83.00	83.33	80.00
Abertawe Bro Morgannwg University Lhb	Adequate Experience			73.33	96.00	83.33	90.00
Abertawe Bro Morgannwg University Lhb	Local Teaching			56.33	63.60	53.67	80.00
Barking, Havering and Redbridge University Hospitals NHS Trust	Work Load	29.17	50.00		50.00	38.89	60.00
Barking, Havering and Redbridge University Hospitals NHS Trust	Regional Teaching	74.67	75.50		73.50	68.17	80.00
Barts Health NHS Trust	Local Teaching	61.00	62.25		58.80	56.25	70.00
Belfast Health and Social Care Trust	Clinical Supervision out of hours				95.00	94.86	90.00
Belfast Health and Social Care Trust	Adequate Experience	78.00	80.00	84.29	86.67	88.57	90.00
Belfast Health and Social Care Trust	Curriculum Coverage						90.00
Belfast Health and Social Care Trust	Educational Governance						90.00
Cambridge University Hospitals NHS Foundation Trust	Regional Teaching	70.79	74.88	70.17	69.75	70.33	70.00
Cardiff & Vale University Lhb	Clinical Supervision out of hours				92.00		90.00
Cardiff & Vale University Lhb	Supportive environment				76.67		80.00
East Kent Hospitals University NHS Foundation Trust	Regional Teaching		71.63	77.25	67.08	81.67	80.00
Greater Glasgow and Clyde	Work Load	48.44	44.53	54.17	56.25	54.46	50.00
Guy's and St Thomas' NHS Foundation Trust	Clinical Supervision out of hours				93.25	97.00	90.00
Guy's and St Thomas' NHS Foundation Trust	Work Load		50.00	65.97	58.34	66.67	60.00
Guy's and St Thomas' NHS Foundation Trust	Supportive environment				86.25	96.67	90.00
Guy's and St Thomas' NHS Foundation Trust	Adequate Experience		90.00	90.00	85.00	100.00	90.00
Hull and East Yorkshire Hospitals NHS Trust	Work Load	33.33	51.39	54.17		57.81	60.00
Hull and East Yorkshire Hospitals NHS Trust	Regional Teaching		82.50	70.83		72.63	70.00
Imperial College Healthcare NHS Trust	Feedback	74.31	72.22	69.44	87.04		90.00
Lothian	Clinical Supervision out of hours				95.94	95.15	90.00
Lothian	Local Teaching	70.50	60.80	60.67	66.00	62.40	70.00
Norfolk and Norwich University Hospitals NHS Foundation Trust	Clinical Supervision out of hours				86.00	92.94	90.00
Norfolk and Norwich University Hospitals NHS Foundation Trust	Regional Teaching	69.92	76.60	74.75	76.31	74.06	70.00
North Bristol NHS Trust	Work Load	45.54	43.75	29.17	53.57	48.21	60.00
Nottingham University Hospitals NHS Trust	Reporting systems					79.17	80.00
Oxford University Hospitals NHS Foundation Trust	Work Load		50.00	39.29	35.83	50.89	60.00
Sheffield Teaching Hospitals NHS Foundation Trust	Clinical Supervision out of hours				95.06	97.55	90.00
South Tees Hospitals NHS Foundation Trust	Regional Teaching	76.33	64.94	72.50	72.50	90.00	70.00
St George's University Hospitals NHS Foundation Trust	Clinical Supervision out of hours				93.13	91.69	90.00
St George's University Hospitals NHS Foundation Trust	Teamwork						80.00
St George's University Hospitals NHS Foundation Trust	Supportive environment				81.25	86.25	80.00
St George's University Hospitals NHS Foundation Trust	Adequate Experience	93.33	87.00	90.00	90.00	93.75	90.00
St George's University Hospitals NHS Foundation Trust	Study Leave	87.67	76.04	83.33	89.05	87.62	90.00
Tayside	Clinical Supervision out of hours						90.00
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	Clinical Supervision out of hours				95.60	92.83	90.00
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	Handover		54.17	68.75	65.00	88.20	80.00
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	Local Teaching	64.00	64.50	47.25	64.80	73.33	70.00



The Newcastle Upon Tyne Hospitals NHS Foundation Trust	Regional Teaching	68.63	66.00	70.13	77.80	74.17	8
The Walton Centre NHS Foundation Trust	Clinical Supervision out of hours				94.71	96.55	9
The Walton Centre NHS Foundation Trust	Reporting systems					90.50	8
The Walton Centre NHS Foundation Trust	Handover	50.00	45.83	54.17	62.50	86.67	8
The Walton Centre NHS Foundation Trust	Adequate Experience	76.67	82.00	86.00	91.43	93.00	9
The Walton Centre NHS Foundation Trust	Curriculum Coverage						9
The Walton Centre NHS Foundation Trust	Educational Governance						9

## Appendix 2 Trusts / Boards with green flags in 2017

Trust / Board	Indicator	2012	2013	2014	2015	2016	2017
Abertawe Bro Morgannwg University Lhb	Overall Satisfaction			80.00	94.40	86.67	9
Abertawe Bro Morgannwg University Lhb	Clinical Supervision out of hours				91.60	92.92	9
Abertawe Bro Morgannwg University Lhb	Work Load			66.67	50.00	68.75	6
Abertawe Bro Morgannwg University Lhb	Supportive environment				83.00	83.33	8
Abertawe Bro Morgannwg University Lhb	Adequate Experience			73.33	96.00	83.33	9
Abertawe Bro Morgannwg University Lhb	Local Teaching			56.33	63.60	53.67	8
Barking, Havering and Redbridge University Hospitals NHS Trust	Work Load	29.17	50.00		50.00	38.89	6
Barking, Havering and Redbridge University Hospitals NHS Trust	Regional Teaching	74.67	75.50		73.50	68.17	8
Barts Health NHS Trust	Local Teaching	61.00	62.25		58.80	56.25	7
Belfast Health and Social Care Trust	Clinical Supervision out of hours				95.00	94.86	9
Belfast Health and Social Care Trust	Adequate Experience	78.00	80.00	84.29	86.67	88.57	9
Belfast Health and Social Care Trust	Curriculum Coverage						9
Belfast Health and Social Care Trust	Educational Governance						9
Cambridge University Hospitals NHS Foundation Trust	Regional Teaching	70.79	74.88	70.17	69.75	70.33	7

Cardiff & Vale University Lhb	Clinical Supervision out of hours				92.00		9
Cardiff & Vale University Lhb	Supportive environment				76.67		8
East Kent Hospitals University NHS Foundation Trust	Regional Teaching		71.63	77.25	67.08	81.67	8
Greater Glasgow and Clyde	Work Load	48.44	44.53	54.17	56.25	54.46	5
Guy's and St Thomas' NHS Foundation Trust	Clinical Supervision out of hours				93.25	97.00	9
Guy's and St Thomas' NHS Foundation Trust	Work Load		50.00	65.97	58.34	66.67	6
Guy's and St Thomas' NHS Foundation Trust	Supportive environment				86.25	96.67	9
Guy's and St Thomas' NHS Foundation Trust	Adequate Experience		90.00	90.00	85.00	100.00	9
Hull and East Yorkshire Hospitals NHS Trust	Work Load	33.33	51.39	54.17		57.81	6
Hull and East Yorkshire Hospitals NHS Trust	Regional Teaching		82.50	70.83		72.63	7
Imperial College Healthcare NHS Trust	Feedback	74.31	72.22	69.44	87.04		9
Lothian	Clinical Supervision out of hours				95.94	95.15	9
Lothian	Local Teaching	70.50	60.80	60.67	66.00	62.40	7
Norfolk and Norwich University Hospitals NHS Foundation Trust	Clinical Supervision out of hours				86.00	92.94	9
Norfolk and Norwich University Hospitals NHS Foundation Trust	Regional Teaching	69.92	76.60	74.75	76.31	74.06	7
North Bristol NHS Trust	Work Load	45.54	43.75	29.17	53.57	48.21	6
Nottingham University Hospitals NHS Trust	Reporting systems					79.17	8
Oxford University Hospitals NHS Foundation Trust	Work Load		50.00	39.29	35.83	50.89	6
Sheffield Teaching Hospitals NHS Foundation Trust	Clinical Supervision out of hours				95.06	97.55	9
South Tees Hospitals NHS Foundation Trust	Regional Teaching	76.33	64.94	72.50	72.50	90.00	7
St George's University Hospitals NHS Foundation Trust	Clinical Supervision out of hours				93.13	91.69	9
St George's University Hospitals NHS Foundation Trust	Teamwork						8
St George's University Hospitals NHS Foundation Trust	Supportive environment				81.25	86.25	8
St George's University Hospitals NHS Foundation Trust	Adequate Experience	93.33	87.00	90.00	90.00	93.75	9
St George's University Hospitals NHS Foundation Trust	Study Leave	87.67	76.04	83.33	89.05	87.62	9
Tayside	Clinical Supervision out of hours						9
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	Clinical Supervision out of hours				95.60	92.83	9
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	Handover		54.17	68.75	65.00	88.20	8
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	Local Teaching	64.00	64.50	47.25	64.80	73.33	7
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	Regional Teaching	68.63	66.00	70.13	77.80	74.17	8
The Walton Centre NHS Foundation Trust	Clinical Supervision out of hours				94.71	96.55	9
The Walton Centre NHS Foundation Trust	Reporting systems					90.50	8
The Walton Centre NHS Foundation Trust	Handover	50.00	45.83	54.17	62.50	86.67	8
The Walton Centre NHS Foundation Trust	Adequate Experience	76.67	82.00	86.00	91.43	93.00	9
The Walton Centre NHS Foundation Trust	Curriculum Coverage						9
The Walton Centre NHS Foundation Trust	Educational Governance						9
University Hospital Southampton NHS Foundation Trust	Overall Satisfaction	66.00	81.33	67.33	87.43	88.00	9
University Hospital Southampton NHS Foundation Trust	Clinical Supervision out of hours				93.96	94.22	9
University Hospital Southampton NHS Foundation Trust	Reporting systems					81.88	9
University Hospital Southampton NHS Foundation Trust	Work Load	34.38	30.21	26.04	41.96	35.42	5
University Hospital Southampton NHS Foundation Trust	Teamwork						8
University Hospital Southampton NHS Foundation Trust	Handover	87.50	70.83	43.75	64.29	81.25	8
University Hospital Southampton NHS Foundation Trust	Induction	72.50	89.17	87.50	82.86	81.88	9
University Hospital Southampton NHS Foundation Trust	Adequate Experience	70.00	86.67	73.33	90.00	85.00	9
University Hospital Southampton NHS Foundation Trust	Curriculum Coverage						9
University Hospital Southampton NHS Foundation Trust	Educational Governance						9
University Hospital Southampton NHS Foundation Trust	Local Teaching	64.00	56.67	50.17	63.00	62.63	7

University Hospital Southampton NHS Foundation Trust	Regional Teaching	62.75	70.67	65.25	73.64	70.47	7
University Hospitals Coventry and Warwickshire NHS Trust	Teamwork						8
University Hospitals Coventry and Warwickshire NHS Trust	Handover	53.13	97.50	70.00	55.00	84.72	7