

2019 NATIONAL TRAINEE SURVEY RESULTS

ENDOCRINOLOGY AND DIABETES MELLITUS

GENERIC INDICATORS

JULY 2019

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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.

331 Endocrinology and Diabetes trainees (82 ST3, 69 ST4, 62 ST5, 51 ST6 and 67 ST7) completed the 2019 survey. This was an overall decrease of 4% (15 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	2018/19 Difference
Defence Postgraduate Medical Deanery	1	1	+0%
Health Education East Midlands	22	17	-23%
Health Education East of England	16	22	+38%
Health Education Kent, Surrey and Sussex	22	22	+0%
Health Education N, C & E London	29	27	-7%
Health Education NW London	31	26	-16%
Health Education South London	18	18	+0%
Health Education North East	18	12	-33%
Health Education North West	19	28	+47%
Health Education Mersey	18	18	+0%
Health Education Severn	10	7	-30%
Health Education South West Peninsula	7	7	+0%
Health Education Thames Valley	15	13	-13%
Health Education Wessex	10	6	-40%
Health Education West Midlands	25	27	+8%
Health Education Yorkshire and the Humber	29	28	-3%
Health Education and Improvement Wales	19	16	-16%
NHS Education for Scotland (East Region)	2	3	+50%
NHS Education for Scotland (North Region)	6	4	-33%
NHS Education for Scotland (South-East Region)	9	10	+11%
NHS Education for Scotland (West Region)	11	10	-9%
Northern Ireland Medical & Dental Care Agency	9	9	-0%
Total	346	331	-4%

	Reduction of >10% of trainees completing the NTS in 2019 compared to 2018
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Executive Summary

Data was available for 26% (42/161) Trusts/Boards with Endocrinology and Diabetes Mellitus Medicine trainees. Where data was available, there has been an increase in Trust/Board red flags and a decrease in green flags in 2019 in comparison to the 2018 results. Red flags increased by 34 to 65 (+110%) with green flags decreasing by 32 to 25 (-56%).

Curriculum Coverage showed the biggest 2019 increase in red flags, up from 1 to 6 compared to 2018, with Educational Governance showing the biggest increase in green flags, up from 3 to 4 compared to 2018.

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

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

Of the 65 red flags recorded for all of the indicators in 2018, 95% (62/65) were in Trusts in England, 3% (2/65) were Trusts in regions in Scotland, and 2% (1/65) were Boards in Wales. There were no red flags for Trusts in Northern Ireland.

The average of the mean scores by Deanery / LETB for Overall Satisfaction in 2019 was 77.64, down 2.19 on 2018. From a regional perspective the scores were as follows:

Quartile	Deanery / LETB	2018 Mean	2019 Mean	Difference
4	Health Education South West	86.53	92.43	+5.90
4	Health Education North East	86.67	84.50	-2.17
4	NHS Education for Scotland	86.57	81.56	-5.01
4	Health Education and Improvement Wales	80.32	81.13	+0.81
3	Health Education Thames Valley	85.93	79.69	-6.24
3	Health Education West Midlands	75.04	78.74	+3.70
3	Health Education Kent, Surrey and Sussex	76.59	78.59	+2.00
3	Health Education North West	78.70	77.48	-1.22
2	Health Education North West London	83.06	77.12	-5.94
2	Health Education Wessex	82.50	76.17	-6.33
2	Health Education South London	81.83	75.33	-6.50
2	Health Education North Central and East London	76.62	75.00	-1.62
1	Health Education East of England	72.50	72.18	-0.32
1	Northern Ireland Medical & Dental Training Agency	79.67	72.00	-7.67
1	Health Education East Midlands	74.05	71.82	-2.23
1	Health Education Yorkshire and the Humber	70.72	68.50	-2.22
1	Defence Postgraduate Medical Deanery	<3	<3	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	2018 red flags	2019 red flags
Mid Yorkshire Hospitals NHS Trust	5/17 (29%)	13/16 (81%)
Cambridge University Hospitals NHS Foundation Trust	0/18 (0%)	10/18 (56%)
Leeds Teaching Hospitals NHS Trust	0/18 (0%)	8/18 (44%)
Royal Free London NHS Foundation Trust	0/17 (0%)	5/13 (38%)
Sheffield Teaching Hospitals NHS Foundation Trust	2/18 (11%)	5/18 (28%)
St George's University Hospitals NHS Foundation Trust	0/17 (0%)	5/18 (28%)
Lewisham and Greenwich NHS Trust	0/13 (0%)	3/17 (18%)
University Hospitals of Morecambe Bay NHS Foundation Trust	<3 trainees	3/18 (18%)
London North West University Healthcare NHS Trust	1/18 (6%)	2/18 (11%)
University Hospitals of Leicester NHS Trust	0/18 (0%)	2/18 (11%)

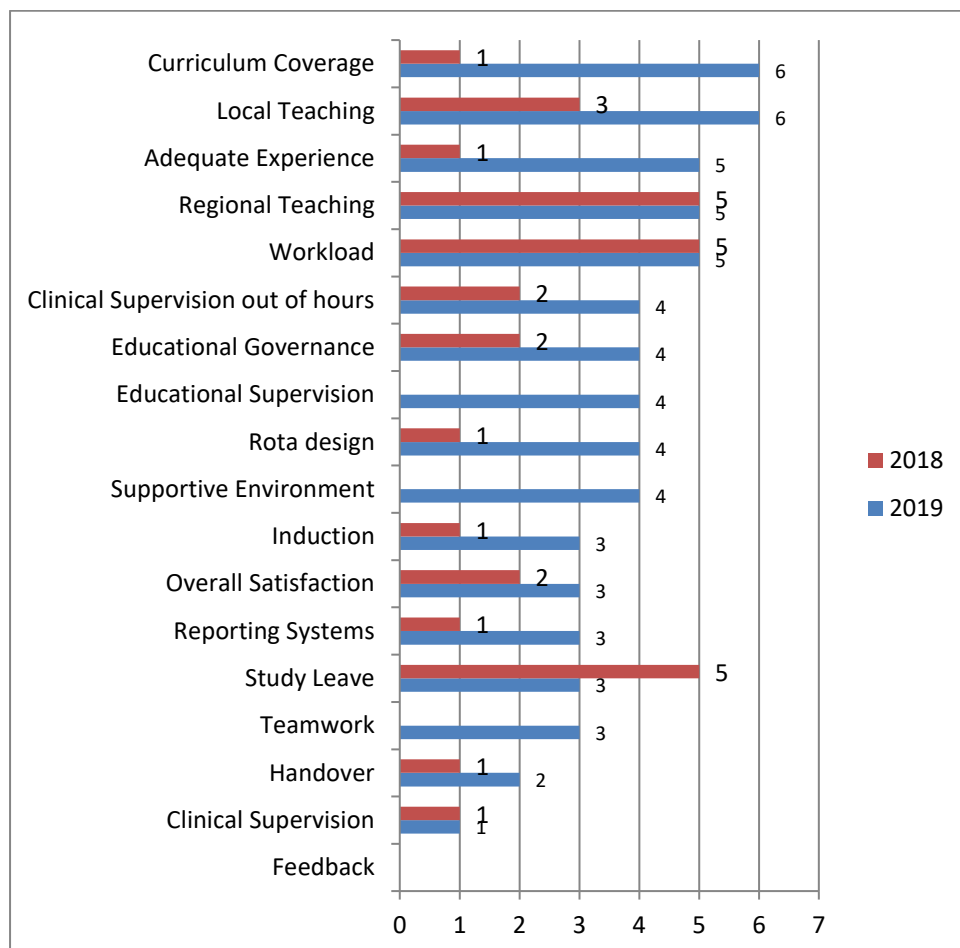
Trusts/Boards with green flags

Trust / Board	2018 green flags	2019 green flags
Salford Royal NHS Foundation Trust	<3 trainees	8/17 (47%)
Lothian	6/18 (33%)	3/18 (17%)
East Lancashire Hospitals NHS Trust	<3 trainees	2/18 (11%)
Greater Glasgow and Clyde	0/18 (0%)	2/18 (11%)
University College London Hospitals NHS Foundation Trust	2/18 (11%)	2/17 (12%)
Aintree University Hospital NHS Foundation Trust	3/18 (17%)	1/18 (6%)
Barts Health NHS Trust	0/18 (0%)	1/18 (6%)
Brighton and Sussex University Hospitals NHS Trust	<3 trainees	1/18 (6%)
Grampian	6/18 (33%)	1/18 (6%)
Guy's and St Thomas' NHS Foundation Trust	1/18 (6%)	1/18 (6%)
Lancashire Teaching Hospitals NHS Foundation Trust	<3 trainees	1/17 (6%)
Swansea Bay University Local Health Board	0/17 (0%)	1/18 (6%)
Tayside	<3 trainees	1/17 (6%)

Results by Trust / Board

Red flags by indicator

Endocrinology and Diabetes Mellitus had a total of **65 Trust / Board red flags** in the 2019 National Training Survey (an increase of 34 on 2018) in the following domains:



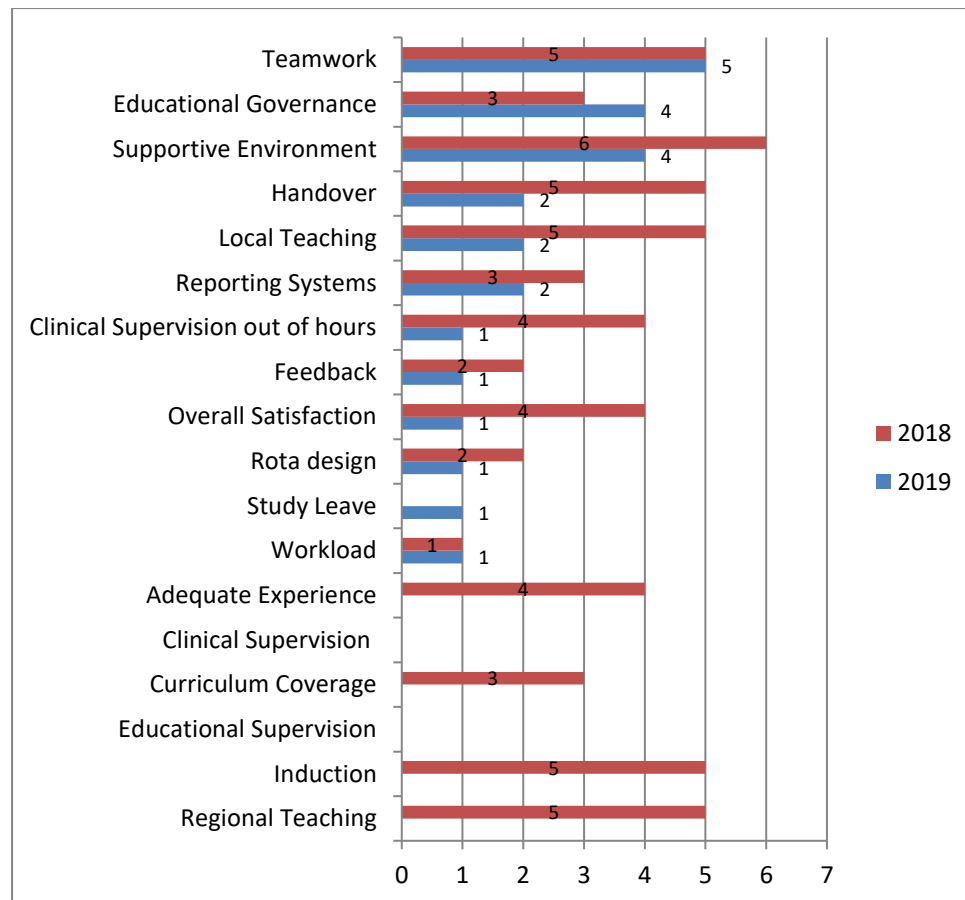
Red flags by indicator in consecutive surveys (2018 and 2019)

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

- Barts Health NHS Trust: Regional Teaching
- Cambridge University Hospitals NHSFT: Workload (**2 of last 3 years**)
- Lewisham and Greenwich NHS Trust: Local Teaching (**2 of last 3 years**)
- Mid Yorkshire Hospitals NHS Trust: Overall Satisfaction, Clinical Supervision, Induction and Local Teaching.
Adequate Experience, Curriculum Coverage, Reporting Systems and Teamwork (**2 of last 3 years**).
- Sheffield Teaching Hospitals NHSFT: Workload and Clinical Supervision Out of Hours (**3 of last 4 years**)
- University Hospitals of Leicester NHS Trust: Adequate Experience and Curriculum Coverage (**2 of last 3 years**).

Green flags by indicator

Endocrinology and Diabetes Mellitus had a total of 25 **Trust / Board green flags** in the 2019 National Training Survey (a decrease of 32 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:

- Aintree University Hospital NHSFT: Educational Governance
- East Lancashire Hospitals NHS Trust: Handover (**green flag reported in 4 of last 5 years**)
- Grampian: Feedback
- Guy's and St Thomas' NHSFT: Teamwork
- Lothian: Teamwork

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:

- Lothian: Supportive environment

Appendix 1

Trusts / Boards with red flags in 2019

Trust / Board	Indicator	2017	2018	2019
Barts Health NHS Trust	Regional Teaching	68.03	61.59	54.50
Cambridge University Hospitals NHS Foundation Trust	Clinical Supervision out of hours	93.33	91.67	83.68
Cambridge University Hospitals NHS Foundation Trust	Work Load	30.21	33.33	23.96
Cambridge University Hospitals NHS Foundation Trust	Supportive environment	82.50	70.00	44.17
Cambridge University Hospitals NHS Foundation Trust	Induction	83.68	73.75	51.25
Cambridge University Hospitals NHS Foundation Trust	Adequate Experience	84.17	60.63	51.25
Cambridge University Hospitals NHS Foundation Trust	Curriculum Coverage	86.11	62.50	54.17
Cambridge University Hospitals NHS Foundation Trust	Educational Governance	79.17	72.92	47.22
Cambridge University Hospitals NHS Foundation Trust	Local Teaching	68.33	52.50	54.72
Cambridge University Hospitals NHS Foundation Trust	Regional Teaching	62.13	60.00	56.39
Cambridge University Hospitals NHS Foundation Trust	Rota Design		35.94	30.21
Grampian	Local Teaching	59.00	71.94	54.59
Guy's and St Thomas' NHS Foundation Trust	Regional Teaching	62.38	67.78	60.00
Hull University Teaching Hospitals NHS Trust	Curriculum Coverage			69.45
Leeds Teaching Hospitals NHS Trust	Overall Satisfaction	92.20	79.17	44.60
Leeds Teaching Hospitals NHS Trust	Clinical Supervision out of hours	87.50	81.95	76.25
Leeds Teaching Hospitals NHS Trust	Teamwork	83.33	83.34	55.00
Leeds Teaching Hospitals NHS Trust	Handover	81.67	61.46	45.31
Leeds Teaching Hospitals NHS Trust	Adequate Experience	93.50	75.42	44.00
Leeds Teaching Hospitals NHS Trust	Curriculum Coverage	83.33	63.89	33.33
Leeds Teaching Hospitals NHS Trust	Educational Governance	85.00	70.83	35.00
Leeds Teaching Hospitals NHS Trust	Rota Design		69.79	22.50
Lewisham and Greenwich NHS Trust	Educational Supervision	95.83	87.50	77.08
Lewisham and Greenwich NHS Trust	Local Teaching	46.67	67.22	53.89
Lewisham and Greenwich NHS Trust	Regional Teaching	65.75	66.11	60.55
London North West University Healthcare NHS Trust	Local Teaching	48.14	62.14	46.67
London North West University Healthcare NHS Trust	Study Leave	59.52	65.18	42.50
Lothian	Regional Teaching	66.82	74.79	52.41
Mid Yorkshire Hospitals NHS Trust	Overall Satisfaction	70.25	63.00	53.33
Mid Yorkshire Hospitals NHS Trust	Clinical Supervision	85.00	76.67	78.75
Mid Yorkshire Hospitals NHS Trust	Reporting systems	56.88	58.33	46.67
Mid Yorkshire Hospitals NHS Trust	Work Load	40.63	25.00	12.50
Mid Yorkshire Hospitals NHS Trust	Teamwork	56.25	55.55	50.00
Mid Yorkshire Hospitals NHS Trust	Supportive environment	75.00	60.00	45.00
Mid Yorkshire Hospitals NHS Trust	Induction	67.19	40.00	38.33
Mid Yorkshire Hospitals NHS Trust	Adequate Experience	71.88	73.33	65.83
Mid Yorkshire Hospitals NHS Trust	Curriculum Coverage	66.67	66.67	52.78
Mid Yorkshire Hospitals NHS Trust	Educational Supervision	83.33	85.42	60.42
Mid Yorkshire Hospitals NHS Trust	Local Teaching	59.25	44.44	25.56
Mid Yorkshire Hospitals NHS Trust	Study Leave	64.06	37.50	18.06
Mid Yorkshire Hospitals NHS Trust	Rota Design		47.92	20.83
Nottingham University Hospitals NHS Trust	Work Load	46.25	41.67	29.69

Trust / Board	Indicator	2017	2018	2019
Royal Free London NHS Foundation Trust	Overall Satisfaction		84.00	64.67
Royal Free London NHS Foundation Trust	Reporting systems			60.00
Royal Free London NHS Foundation Trust	Curriculum Coverage		69.44	68.06
Royal Free London NHS Foundation Trust	Educational Supervision		79.17	77.08
Royal Free London NHS Foundation Trust	Local Teaching		61.11	40.00
Sheffield Teaching Hospitals NHS Foundation Trust	Clinical Supervision out of hours	87.14	75.00	78.13
Sheffield Teaching Hospitals NHS Foundation Trust	Reporting systems	83.33	71.43	62.50
Sheffield Teaching Hospitals NHS Foundation Trust	Work Load	37.50	30.06	30.21
Sheffield Teaching Hospitals NHS Foundation Trust	Supportive environment	77.14	69.29	58.33
Sheffield Teaching Hospitals NHS Foundation Trust	Rota Design		50.89	38.54
St George's University Hospitals NHS Foundation Trust	Work Load	40.63	27.08	15.63
St George's University Hospitals NHS Foundation Trust	Supportive environment	76.25	60.00	40.00
St George's University Hospitals NHS Foundation Trust	Induction	82.81	67.50	51.25
St George's University Hospitals NHS Foundation Trust	Educational Governance	68.75	75.00	41.67
St George's University Hospitals NHS Foundation Trust	Study Leave	79.69	77.08	23.44
Swansea Bay University Local Health Board	Adequate Experience	86.50	86.25	70.00
University Hospitals Birmingham NHS Foundation Trust	Handover	58.34	51.56	43.75
University Hospitals Coventry and Warwickshire NHS Trust	Teamwork	66.67	70.83	61.11
University Hospitals of Leicester NHS Trust	Adequate Experience	65.00	71.07	72.08
University Hospitals of Leicester NHS Trust	Curriculum Coverage	63.69	70.24	68.06
University Hospitals of Morecambe Bay NHS Foundation Trust	Clinical Supervision out of hours			82.64
University Hospitals of Morecambe Bay NHS Foundation Trust	Educational Governance			58.33
University Hospitals of Morecambe Bay NHS Foundation Trust	Educational Supervision			66.67

Appendix 2

Trusts / Boards with green flags in 2019

Trust / Board	Indicator	2017	2018	2019
Aintree University Hospital NHS Foundation Trust	Educational Governance	66.67	89.59	93.75
Barts Health NHS Trust	Teamwork	82.29	81.82	83.33
Brighton and Sussex University Hospitals NHS Trust	Clinical Supervision out of hours	87.00		97.92
East Lancashire Hospitals NHS Trust	Teamwork	77.78		94.44
East Lancashire Hospitals NHS Trust	Handover	80.55		89.58
Grampian	Feedback	91.67	94.45	93.75
Greater Glasgow and Clyde	Supportive environment	70.50	69.29	85.00
Greater Glasgow and Clyde	Educational Governance	79.17	78.57	88.89
Guy's and St Thomas' NHS Foundation Trust	Teamwork	77.38	91.67	87.50
Lancashire Teaching Hospitals NHS Foundation Trust	Supportive environment			85.00
Lothian	Reporting systems	81.67	76.88	84.38
Lothian	Teamwork	84.26	91.67	85.19
Lothian	Supportive environment	88.33	85.63	85.56
Salford Royal NHS Foundation Trust	Overall Satisfaction	88.67		96.67
Salford Royal NHS Foundation Trust	Reporting systems			95.00
Salford Royal NHS Foundation Trust	Teamwork	70.83		94.45
Salford Royal NHS Foundation Trust	Handover	77.78		77.08
Salford Royal NHS Foundation Trust	Supportive environment	75.00		90.00
Salford Royal NHS Foundation Trust	Educational Governance	72.22		94.44
Salford Royal NHS Foundation Trust	Local Teaching	69.67		87.78
Salford Royal NHS Foundation Trust	Rota Design			77.08
Swansea Bay University Local Health Board	Work Load	51.67	51.56	62.50
Tayside	Study Leave	83.33		93.06
University College London Hospitals NHS Foundation Trust	Educational Governance		77.78	89.58
University College London Hospitals NHS Foundation Trust	Local Teaching		76.39	78.34