

2018 NATIONAL TRAINEE SURVEY RESULTS

ENDOCRINOLOGY AND DIABETES MELLITUS

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 (**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.

346 Endocrinology and Diabetes trainees (76 ST3, 72 ST4, 63 ST5, 68 ST6 and 67 ST7 trainees) an overall increase of 1 trainee compared to 2017, completed the 2018 survey. The numbers of trainees in each Deanery / LETB completing the survey were as follows:

Deanery / LETB	2017	2018	2017/18 Difference
Defence Postgraduate Medical Deanery	1	1	+0%
Health Education East Midlands	22	22	+0%
Health Education East of England	26	16	-39%
Health Education Kent, Surrey and Sussex	20	22	+9%
Health Education N, C & E London	16	29	+45%
Health Education NW London	24	31	+23%
Health Education South London	21	18	-14%
Health Education North East	19	18	-5%
Health Education North West	39	37	-5%
Health Education South West	18	17	-6%
Health Education Thames Valley	14	15	+7%
Health Education Wessex	11	10	-9%
Health Education West Midlands	23	25	+8%
Health Education Yorkshire and the Humber	31	29	-6%
NHS Education for Scotland	30	28	-7%
Northern Ireland Medical & Dental Care Agency	10	9	-10%
Wales Deanery	20	19	-5%
Total	345	346	+1%

	Reduction of >10% of trainees completing the NTS in 2018 compared to 2017
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Executive Summary

Data was available for 25% (41/161) Trusts/Boards with Endocrinology and Diabetes Mellitus Medicine trainees. Where data was available, there have been a decrease in Trust/Board red flags and an increase in green flags in 2018 in comparison to the 2017 results. Red flags decreased by 10 to 31 (-14%) with green flags increasing by 11 to 57 (+19%).

Workload showed the biggest 2018 increase in red flags, up from 4 to 5 compared to 2017, with Induction showing the biggest increase in green flags, up from 0 to 5 compared to 2017.

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

Indicator (red flags)	No	Indicator (green flags)	No
Regional Teaching	5 (-2)	Supportive Environment	6 (+1)
Study Leave	5 (+0)	Handover	5 (- 4)
Workload	5 (+1)	Induction	5 (+5)
Local Teaching	3 (+0)	Local Teaching	5 (+0)
		Regional Teaching	5 (+4)

Of the 31 red flags recorded for all of the indicators in 2018, 90% (28/31) were in Trusts in England with 6% (2/31) in Boards in Wales and 3% (1/31) in Trusts in Northern Ireland. There were no red flags in Scotland.

The average of the mean scores by Deanery / LETB for Overall Satisfaction in 2018 was 79.83, **down 1.31 on 2017**. From a regional perspective the scores were as follows:

Quartile	Deanery / LETB	2017 Mean	2018 Mean	Difference
4	Health Education North East	80.05	86.67	6.62
4	NHS Education for Scotland	84.10	86.57	2.47
4	Health Education South West	86.50	86.53	-0.03
4	Health Education Thames Valley	86.06	85.93	-0.13
3	Health Education North West London	76.18	83.06	6.88
3	Health Education Wessex	84.18	82.50	-1.68
3	Health Education South London	85.40	81.83	-3.57
3	Wales Deanery	85.05	80.32	-4.73
2	Northern Ireland Medical & Dental Training Agency	81.80	79.67	-2.13
2	Health Education North West	79.69	78.70	-0.99
2	Health Education North Central and East London	82.11	76.62	-5.49
2	Health Education Kent, Surrey and Sussex	80.91	76.59	-4.32
1	Health Education West Midlands	74.00	75.04	1.04
1	Health Education East Midlands	75.57	74.05	-1.52
1	Health Education East of England	80.06	72.50	-7.56
1	Health Education Yorkshire and the Humber	76.50	70.72	-5.78
1	Defence Postgraduate Medical Deanery	N/A	N/A	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
Heart of England NHS Foundation Trust	<3 trainees	5/18 (28%)
Mid Yorkshire Hospitals NHS Trust	4/17 (24%)	5/17 (29%)
West Hertfordshire Hospitals NHS Trust	4/17 (24%)	3/18 (17%)
Cardiff & Vale University Lhb	0/17 (0%)	2/18 (11%)
Guy's and St Thomas' NHS Foundation Trust	0/17 (0%)	2/18 (11%)
Royal Devon and Exeter NHS Foundation Trust	0/17 (0%)	2/18 (11%)
Sheffield Teaching Hospitals NHS Foundation Trust	0/17 (0%)	2/18 (11%)
University Hospitals Birmingham NHS Foundation Trust	2/17 (12%)	2/17 (12%)
Aintree University Hospital NHS Foundation Trust	0/17 (0%)	1/18 (6%)
Barts Health NHS Trust	0/17 (0%)	1/18 (6%)
Belfast Health and Social Care Trust	1/17 (6%)	1/18 (6%)
Imperial College Healthcare NHS Trust	0/17 (0%)	1/18 (6%)
London North West University Healthcare NHS Trust	1/17 (6%)	1/18 (6%)
Manchester University NHS Foundation Trust	0 trainees	1/18 (6%)
Royal Liverpool and Broadgreen University Hospitals NHS Trust	4/17 (24%)	1/18 (6%)
Southend University Hospital NHS Foundation Trust	<3 trainees	1/15 (7%)

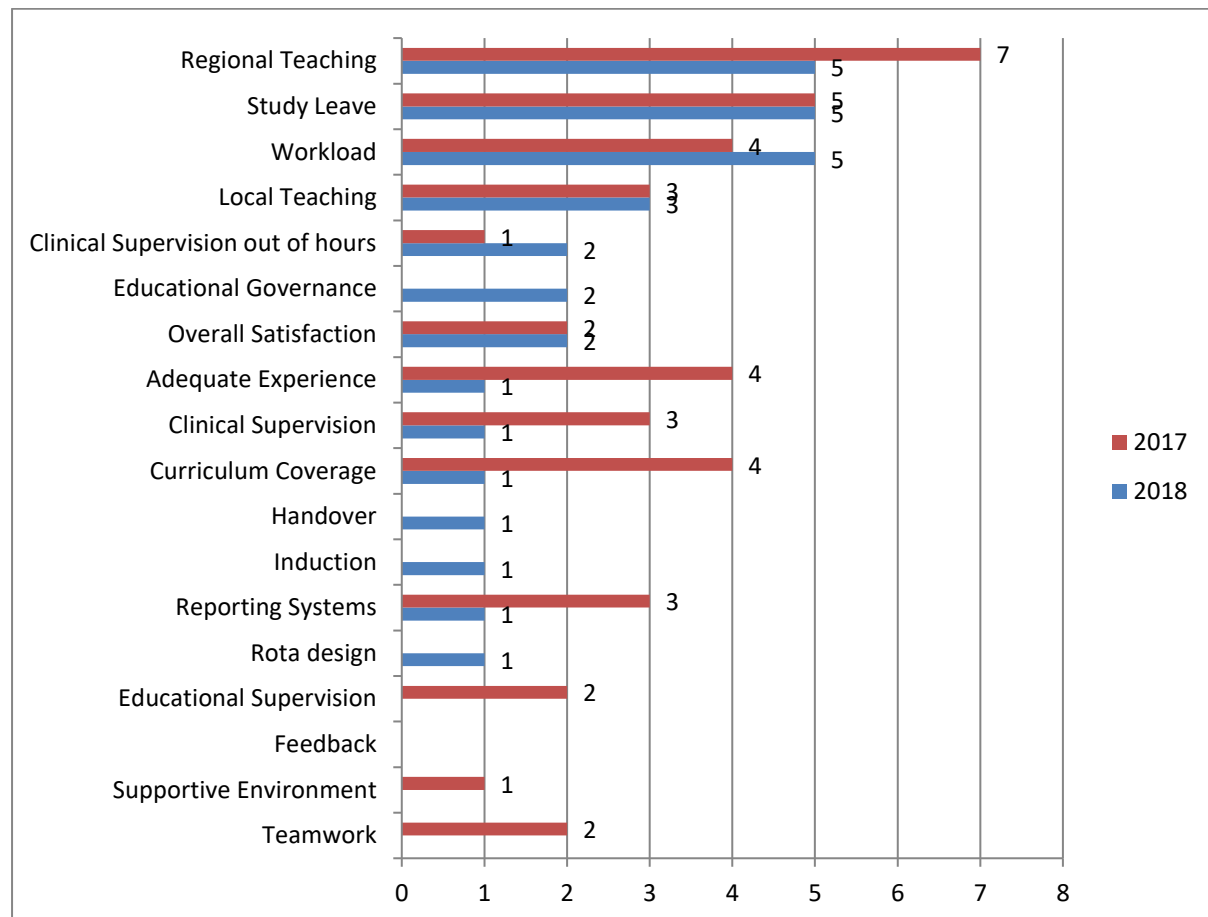
Trusts/Boards with green flags

Trust / Board	2017 green flags	2018 green flags
Derby Teaching Hospitals NHS Foundation Trust	0/16 (0%)	9/18 (50%)
Oxford University Hospitals NHS Foundation Trust	2/17 (12%)	9/18 (50%)
University Hospitals Bristol NHS Foundation Trust	<3 trainees	7/18 (39%)
Grampian	1/17 (6%)	6/18 (33%)
Lothian	6/17 (35%)	6/18 (33%)
Aintree University Hospital NHS Foundation Trust	0/17 (0%)	3/18 (17%)
Cwm Taf University Lhb	<3 trainees	3/16 (19%)
Royal United Hospitals Bath NHS Foundation Trust	<3 trainees	3/18 (17%)
University College London Hospitals NHS Foundation Trust	<3 trainees	2/18 (11%)
Belfast Health and Social Care Trust	1/17 (6%)	1/18 (6%)
Guy's and St Thomas' NHS Foundation Trust	0/17 (0%)	1/18 (6%)
Leeds Teaching Hospitals NHS Trust	4/17 (24%)	1/18 (6%)
Lewisham and Greenwich NHS Trust	0/16 (0%)	1/13 (8%)
Portsmouth Hospitals NHS Trust	<3 trainees	1/18 (6%)
Royal Devon and Exeter NHS Foundation Trust	4/17 (24%)	1/18 (6%)
Royal Liverpool and Broadgreen University Hospitals NHS Trust	1/17 (6%)	1/18 (6%)
University Hospital Southampton NHS Foundation Trust	<3 trainees	1/17 (6%)
University Hospitals Coventry and Warwickshire NHS Trust	1/16 (6%)	1/18 (6%)

Results by Trust / Board

Red flags by indicator

Endocrinology and Diabetes Mellitus had a total of **31 Trust / Board red flags** in the 2018 National Training Survey (a decrease of 14% on 2017) in the following domains:



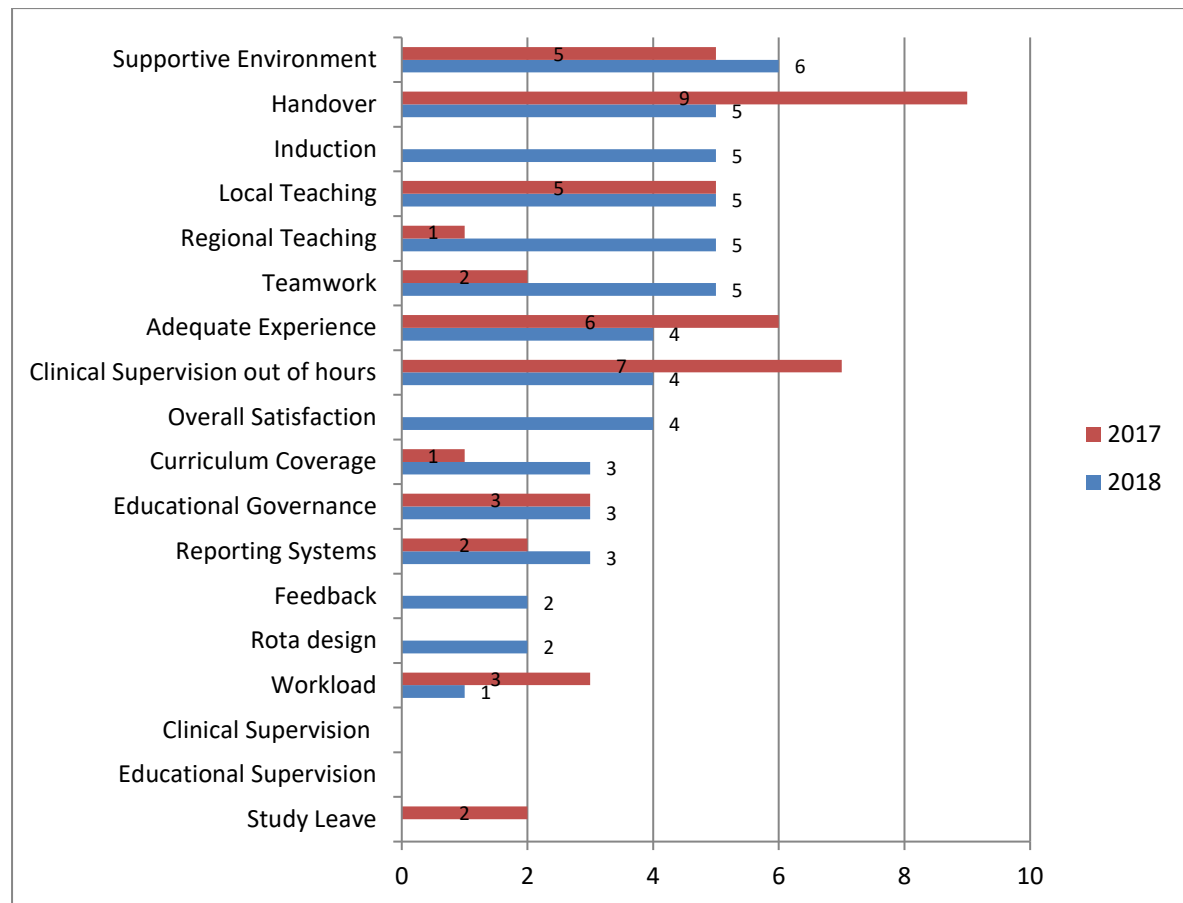
Red flags by indicator in consecutive surveys (2017 and 2018)

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

- Belfast Health and Social Care Trust: Regional Teaching
- Imperial College Healthcare NHS Trust: Regional Teaching
- London North West University Healthcare NHS Trust: Regional Teaching
- West Hertfordshire Hospitals NHS Trust: Workload

Green flags by indicator

Endocrinology and Diabetes Mellitus had a total of **57 Trust / Board green flags** in the 2018 National Training Survey (an increase of 19% 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:

- Grampian: Handover
- Leeds Teaching Hospitals NHS Trust: Local Teaching
- Lothian: Handover, Supportive Environment, Adequate Experience
- Oxford University Hospitals NHS Foundation Trust: Handover

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:

- Oxford University Hospitals NHS Foundation Trust: Clinical Supervision (out of hours)

Appendix 1

Trusts / Boards with red flags in 2018

Trust / Board	Indicator	2016	2017	2018
Aintree University Hospital NHS Foundation Trust	Work Load		35.42	26.56
Barts Health NHS Trust	Regional Teaching	61.08	68.03	61.59
Belfast Health and Social Care Trust	Regional Teaching	60.58	51.54	63.66
Cardiff & Vale University Lhb	Reporting systems	72.00	78.33	61.67
Cardiff & Vale University Lhb	Rota Design			40.18
Guy's and St Thomas' NHS Foundation Trust	Local Teaching	71.50	64.00	52.78
Guy's and St Thomas' NHS Foundation Trust	Study Leave	87.50	54.46	48.61
Heart of England NHS Foundation Trust	Overall Satisfaction	80.00		66.40
Heart of England NHS Foundation Trust	Adequate Experience	76.67		62.50
Heart of England NHS Foundation Trust	Curriculum Coverage			53.33
Heart of England NHS Foundation Trust	Educational Governance			61.67
Heart of England NHS Foundation Trust	Study Leave			42.50
Imperial College Healthcare NHS Trust	Regional Teaching	61.35	56.56	64.35
London North West University Healthcare NHS Trust	Regional Teaching	60.42	58.57	50.36
Manchester University NHS Foundation Trust	Educational Governance			61.67
Mid Yorkshire Hospitals NHS Trust	Overall Satisfaction	84.00	70.25	63.00
Mid Yorkshire Hospitals NHS Trust	Clinical Supervision	92.00	85.00	76.67
Mid Yorkshire Hospitals NHS Trust	Clinical Supervision out of hours	86.67	83.44	76.39
Mid Yorkshire Hospitals NHS Trust	Induction	81.67	67.19	40.00
Mid Yorkshire Hospitals NHS Trust	Local Teaching	52.67	59.25	44.44
Royal Devon and Exeter NHS Foundation Trust	Work Load	50.00	41.67	22.92
Royal Devon and Exeter NHS Foundation Trust	Handover	72.22	66.67	41.67
Royal Liverpool and Broadgreen University Hospitals NHS Trust	Work Load	20.31	25.00	21.88
Sheffield Teaching Hospitals NHS Foundation Trust	Clinical Supervision out of hours	81.17	87.14	75.00
Sheffield Teaching Hospitals NHS Foundation Trust	Work Load	32.29	37.50	30.06
Southend University Hospital NHS Foundation Trust	Study Leave			45.14
University Hospitals Birmingham NHS Foundation Trust	Regional Teaching	66.55	59.25	57.92
University Hospitals Birmingham NHS Foundation Trust	Study Leave	38.00	63.54	30.21
West Hertfordshire Hospitals NHS Trust	Work Load	39.58	20.83	27.08
West Hertfordshire Hospitals NHS Trust	Local Teaching	49.00	67.00	58.34
West Hertfordshire Hospitals NHS Trust	Study Leave	71.67	60.42	38.54

Appendix 2

Trusts / Boards with green flags in 2018

Trust / Board	Indicator	2016	2017	2018
Aintree University Hospital NHS Foundation Trust	Overall Satisfaction		85.67	98.75
Aintree University Hospital NHS Foundation Trust	Supportive environment		71.67	82.50
Aintree University Hospital NHS Foundation Trust	Educational Governance		66.67	89.59
Belfast Health and Social Care Trust	Clinical Supervision out of hours	82.67	92.50	95.00
Cwm Taf University Lhb	Clinical Supervision out of hours	83.92		97.92
Cwm Taf University Lhb	Handover			81.25
Cwm Taf University Lhb	Regional Teaching	75.17		89.45
Derby Teaching Hospitals NHS Foundation Trust	Reporting systems	75.00	83.33	96.67
Derby Teaching Hospitals NHS Foundation Trust	Handover	77.78	83.33	95.83
Derby Teaching Hospitals NHS Foundation Trust	Supportive environment	73.33	81.67	91.67
Derby Teaching Hospitals NHS Foundation Trust	Induction	91.67	89.58	98.33
Derby Teaching Hospitals NHS Foundation Trust	Adequate Experience	73.33	89.17	91.67
Derby Teaching Hospitals NHS Foundation Trust	Curriculum Coverage		88.89	91.67
Derby Teaching Hospitals NHS Foundation Trust	Educational Governance		83.33	91.67
Derby Teaching Hospitals NHS Foundation Trust	Local Teaching	56.33	71.00	90.55
Derby Teaching Hospitals NHS Foundation Trust	Regional Teaching	54.08	74.92	92.78
Grampian	Overall Satisfaction	84.00	88.00	96.00
Grampian	Reporting systems	77.50	78.75	85.00
Grampian	Handover	79.17		85.00
Grampian	Supportive environment	77.50	86.25	86.67
Grampian	Adequate Experience	76.67	88.75	90.83
Grampian	Feedback	81.25	91.67	94.45
Guy's and St Thomas' NHS Foundation Trust	Teamwork		77.38	91.67
Leeds Teaching Hospitals NHS Trust	Local Teaching	63.40	79.80	84.17
Lewisham and Greenwich NHS Trust	Induction	93.33	81.25	91.67
Lothian	Overall Satisfaction	88.80	91.44	95.75
Lothian	Teamwork		84.26	91.67
Lothian	Handover	73.61	86.46	86.72
Lothian	Supportive environment	83.50	88.33	85.63
Lothian	Adequate Experience	90.00	91.39	94.69
Lothian	Curriculum Coverage		87.04	89.58
Oxford University Hospitals NHS Foundation Trust	Overall Satisfaction	96.00	90.38	95.83
Oxford University Hospitals NHS Foundation Trust	Clinical Supervision out of hours	97.83	95.54	98.61
Oxford University Hospitals NHS Foundation Trust	Reporting systems	91.43	80.00	85.75
Oxford University Hospitals NHS Foundation Trust	Teamwork		81.25	93.06
Oxford University Hospitals NHS Foundation Trust	Handover	80.56	87.50	81.60
Oxford University Hospitals NHS Foundation Trust	Supportive environment	87.14	85.00	90.83
Oxford University Hospitals NHS Foundation Trust	Adequate Experience	92.86	87.81	94.17
Oxford University Hospitals NHS Foundation Trust	Curriculum Coverage		89.06	90.28
Oxford University Hospitals NHS Foundation Trust	Rota Design			84.38

Trust / Board	Indicator	2016	2017	2018
Portsmouth Hospitals NHS Trust	Regional Teaching			90.00
Royal Devon and Exeter NHS Foundation Trust	Local Teaching	61.67	67.00	87.78
Royal Liverpool and Broadgreen University Hospitals NHS Trust	Clinical Supervision out of hours	89.44	81.67	95.83
Royal United Hospitals Bath NHS Foundation Trust	Induction			91.67
Royal United Hospitals Bath NHS Foundation Trust	Local Teaching			88.33
Royal United Hospitals Bath NHS Foundation Trust	Regional Teaching			94.45
University College London Hospitals NHS Foundation Trust	Teamwork			86.67
University College London Hospitals NHS Foundation Trust	Induction	96.25		90.21
University Hospital Southampton NHS Foundation Trust	Educational Governance			86.11
University Hospitals Bristol NHS Foundation Trust	Work Load			64.58
University Hospitals Bristol NHS Foundation Trust	Teamwork			91.67
University Hospitals Bristol NHS Foundation Trust	Supportive environment			88.33
University Hospitals Bristol NHS Foundation Trust	Induction			91.67
University Hospitals Bristol NHS Foundation Trust	Local Teaching			86.67
University Hospitals Bristol NHS Foundation Trust	Regional Teaching			86.66
University Hospitals Bristol NHS Foundation Trust	Rota Design			85.42
University Hospitals Coventry and Warwickshire NHS Trust	Feedback			95.83