

2018 NATIONAL TRAINEE SURVEY RESULTS

INFECTIOUS DISEASES

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.

89 Infectious Diseases trainees (16 ST3s, 10 ST4s, 18 ST5s, 16 ST6s and 29 ST7s) completed the survey. This was an increase of 4.7% (4 trainees) compared to 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	% Difference
Defence Postgraduate Medical Deanery	<3		
Health Education East Midlands	4	6	+50%
Health Education East of England	<3	3	
Health Education Kent, Surrey and Sussex	0		
Health Education N, C & E London	9	18	+100%
Health Education North East	7	5	-29%
Health Education North West	12	14	+17%
Health Education NW London	5		
Health Education South London	3		
Health Education South West	<3		
Health Education Thames Valley	13	13	+0%
Health Education Wessex	<3	3	
Health Education West Midlands	8	10	+25%
Health Education Yorkshire and the Humber	6	6	+0%
NHS Education for Scotland	11	6	-45%
Northern Ireland Medical & Dental Training Agency	0		
Wales Deanery	<3		
Total	85	89	+5%

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

The average of the mean scores by Deanery / LETB for Overall Satisfaction in Infectious Diseases for 2018 was 79.51, down 1.75 on 2017. From a regional perspective the scores were as follows:

Deanery / LETB	2017 Mean	2018 Mean	Difference
Health Education North West	88.33	88.93	+0.60
Health Education Yorkshire and the Humber	76.00	86.00	+10.00
NHS Education for Scotland	75.64	84.00	+8.36
Health Education Wessex	<3 trainees	82.67	N/A
Health Education East of England	<3 trainees	82.00	N/A
Health Education West Midlands	92.75	81.10	-11.65
Health Education Thames Valley	86.00	79.31	-6.69
Health Education North East	75.29	78.80	-3.51
Health Education North Central and East London	80.78	69.44	-11.34
Health Education East Midlands	91.50	62.83	-28.67
Defence Postgraduate Medical Deanery	<3 trainees	<3 trainees	N/A
Health Education Kent, Surrey and Sussex	0 trainees	0 trainees	N/A
Health Education North West London	68.60	0 trainees	N/A
Health Education South London	77.67	0 trainees	N/A
Health Education South West	<3 trainees	0 trainees	N/A
Northern Ireland Medical & Dental Training Agency	0 trainees	<3 trainees	N/A
Wales Deanery	<3 trainees	<3 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

Infectious Diseases Deanery level indicator data is shown in Appendix 1 (pages 8 and 9).

In terms of Trust / Board data, the number of Trusts with 3 or more trainees in Infectious Diseases completing the survey is low. 2018 trainee response data from the infection specialties (Infectious Diseases, Medical Microbiology and Medical Virology and Medical Microbiology/Virology) has been aggregated to provide data from a larger number of Trusts/Boards.

Aggregated data was available for 43% (26/60) Trusts/Boards with Infection specialties trainees where n>2. Trusts / Boards have been ranked according to the Trust/Board Overall Satisfaction mean score with Trust/Boards ranking highest in quartile 4 and lowest in quartile 1.

Quartile 4

Trust / Board	Overall Satisfaction	Clinical Supervision	Clinical Supervision O/H	Reporting systems	Work Load	Team work	Handover	Supportive environment	Induction	Adequate Experience	Curriculum Coverage	Educational Governance	Educational Supervision	Feedback	Local Teaching	Regional Teaching	Study Leave	Rota Design
Belfast Health and Social Care Trust	97.00	100.00	97.22	85.56	63.89	85.19	85.42	86.67	94.44	88.61	81.25	84.26	94.44	94.45	94.07	90.18	92.19	79.17
Royal Liverpool and Broadgreen University Hospitals NHS Trust	90.90	97.88	97.08	79.50	48.13	76.67	78.54	84.00	84.75	86.00	84.17	76.67	91.25	79.58	85.67	77.50	80.56	72.29
St Helens and Knowsley Hospital Services NHS Trust	90.33	95.83	88.89	n<3	66.67	75.00	75.00	88.33	83.33	92.50	83.33	66.67	95.83	n<3	92.78	89.44	63.89	80.56
Cardiff & Vale University Lhb	88.33	91.67	92.36	80.00	60.42	80.56	79.17	83.33	93.33	81.67	83.33	88.89	85.42	n<3	85.56	84.44	79.17	75.00
St George's University Hospitals NHSFT	87.71	95.71	97.32	80.00	36.61	84.52	76.79	77.86	84.29	86.07	89.88	83.33	83.93	77.78	70.24	63.09	71.43	66.07
Royal Free London NHSFT	87.50	97.50	96.04	83.89	50.00	79.17	81.25	80.50	70.88	84.50	81.67	83.33	80.83	70.24	78.00	76.75	79.58	69.38
Barts Health NHS Trust	85.50	95.78	89.85	72.14	54.69	77.08	72.50	82.50	80.63	78.75	69.05	79.17	79.17	79.17	76.04	80.42	78.27	75.52
Indicator average	77.66	91.30	92.98	75.64	51.47	74.57	69.14	72.85	77.53	74.33	73.21	73.16	82.64	70.48	75.96	69.70	66.95	63.92

	Trust/Board mean above the average of the means for ID/MM/MV programmes		Trust/Board mean below the average of the means for ID/MM/MV programmes		Trust/Board mean equal to the average of the means for ID/MM/MV programmes
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Quartile 3

Trust / Board	Overall Satisfaction	Clinical Supervision	Clinical Supervision O/H	Reporting systems	Work Load	Team work	Handover	Supportive environment	Induction	Adequate Experience	Curriculum Coverage	Educational Governance	Educational Supervision	Feedback	Local Teaching	Regional Teaching	Study Leave	Rota Design
Sheffield Teaching Hospitals NHS Foundation Trust	85.29	93.04	92.86	75.00	58.04	75.00	68.75	78.57	82.50	82.14	83.33	73.81	91.07	87.50	73.33	70.71	79.17	69.79
Manchester University NHS Foundation Trust	84.25	97.19	95.31	73.75	66.67	81.25	75.00	75.00	92.50	80.63	85.42	85.42	89.06	77.09	85.83	64.79	56.25	71.88
Heart of England NHS Foundation Trust	83.22	93.33	91.41	68.47	33.10	74.07	63.89	67.78	77.22	77.22	79.69	66.67	84.03	78.57	67.22	65.56	57.18	64.58
Guy's and St Thomas' NHS Foundation Trust	83.00	97.50	96.13	77.86	49.11	88.10	86.46	84.29	89.29	79.29	70.14	80.95	85.71	80.56	72.62	64.05	78.13	70.54
University College London Hospitals NHS Foundation Trust	82.18	88.59	91.22	76.07	46.81	77.94	71.45	73.82	78.24	78.97	75.73	69.12	85.66	47.35	81.27	63.53	48.96	63.54
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	79.83	96.46	94.45	82.00	54.17	72.22	69.79	78.33	90.00	75.83	73.61	79.17	92.71	83.33	77.22	76.39	82.29	58.68
Indicator average	77.66	91.30	92.98	75.64	51.47	74.57	69.14	72.85	77.53	74.33	73.21	73.16	82.64	70.48	75.96	69.70	66.95	63.92

	Trust/Board mean above the average of the means for the indicator across ID/MM/MV programmes		Trust/Board mean below the average of the means for the indicator across ID/MM/MV programmes		Trust/Board mean equal to the average of the means for the indicator across ID/MM/MV programmes
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Quartile 2

Trust / Board	Overall Satisfaction	Clinical Supervision	Clinical Supervision O/H	Reporting systems	Work Load	Team work	Handover	Supportive environment	Induction	Adequate Experience	Curriculum Coverage	Educational Governance	Educational Supervision	Feedback	Local Teaching	Regional Teaching	Study Leave	Rota Design
Cambridge University Hospitals NHS Foundation Trust	78.56	92.50	89.58	72.50	40.28	72.22	67.13	66.11	72.22	80.00	78.24	68.52	79.86	73.21	72.59	60.37	69.91	49.31
Oxford University Hospitals NHS Foundation Trust	78.23	93.85	93.58	76.48	49.04	73.72	66.67	75.38	76.73	76.15	73.48	66.67	85.58	58.86	76.80	79.72	72.05	55.73
Pennine Acute Hospitals NHS Trust	78.11	94.44	93.98	73.89	40.97	72.22	62.24	68.33	73.75	75.00	71.30	75.00	86.11	71.30	72.78	75.65	78.13	52.08
Greater Glasgow and Clyde	76.00	92.75	89.82	75.00	54.38	75.83	68.15	76.50	86.88	74.25	73.44	75.00	80.63	75.00	74.00	67.58	77.71	64.17
North Bristol NHS Trust	74.80	92.75	86.25	72.00	47.50	65.00	61.46	60.00	65.00	77.50	70.00	60.00	78.75	78.13	82.67	58.83	52.92	51.25
Lothian	73.36	87.73	93.75	73.50	51.89	75.00	66.67	70.45	72.00	70.23	71.59	64.39	87.50	76.14	83.64	75.38	66.67	63.26
Indicator average	77.66	91.30	92.98	75.64	51.47	74.57	69.14	72.85	77.53	74.33	73.21	73.16	82.64	70.48	75.96	69.70	66.95	63.92

	Trust/Board mean above the average of the means for ID/MM/MV programmes		Trust/Board mean below the average of the means for ID/MM/MV programmes		Trust/Board mean equal to the average of the means for ID/MM/MV programmes
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Quartile 1

Trust / Board	Overall Satisfaction	Clinical Supervision	Clinical Supervision O/H	Reporting systems	Work Load	Team work	Handover	Supportive environment	Induction	Adequate Experience	Curriculum Coverage	Educational Governance	Educational Supervision	Feedback	Local Teaching	Regional Teaching	Study Leave	Rota Design
University Hospitals Birmingham NHS Foundation Trust	73.00	90.83	92.36	61.67	58.33	75.00	n<3	70.00	68.33	67.50	75.00	69.44	87.50	n<3	81.11	82.22	75.70	n<3
Leeds Teaching Hospitals NHS Trust	72.67	n<3	94.44	76.67	56.25	n<3	n<3	70.00	66.67	70.00	68.06	83.33	95.83	n<3	74.45	76.67	50.00	50.00
Norfolk and Norwich University Hospitals NHS Foundation Trust	65.00	87.50	91.67	79.58	52.08	66.67	n<3	63.33	73.33	66.67	62.50	69.45	79.17	n<3	71.11	53.89	68.75	60.42
Imperial College Healthcare NHS Trust	64.60	81.00	76.04	69.00	59.58	60.00	66.25	57.00	74.00	65.00	66.67	78.33	91.25	84.72	70.00	80.00	66.25	65.00
University Hospitals of Leicester NHS Trust	63.63	86.25	83.34	70.78	54.43	61.46	60.42	63.13	74.38	65.63	58.93	55.21	75.00	46.53	51.25	62.29	55.47	60.16
Brighton and Sussex University Hospitals NHS Trust	49.00	73.33	75.00	51.67	39.58	50.00	n<3	48.33	50.00	48.33	n<3	27.78	54.17	n<3	45.00	37.22	40.97	29.17
King's College Hospital NHS Foundation Trust	43.33	83.33	86.11	65.00	50.00	52.78	n<3	56.67	60.00	51.67	n<3	63.89	50.00	n<3	54.45	76.66	66.67	45.83
Indicator average	77.66	91.30	92.98	75.64	51.47	74.57	69.14	72.85	77.53	74.33	73.21	73.16	82.64	70.48	75.96	69.70	66.95	63.92

	Trust/Board mean above the average of the means for ID/MM/MV programmes		Trust/Board mean below the average of the means for ID/MM/MV programmes		Trust/Board mean equal to the average of the means for ID/MM/MV programmes
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Appendix 1

Infectious Diseases

Deanery / LETB	Overall Satisfaction	Clinical Supervision	Clinical Supervision O/H	Reporting systems	Work Load	Team work	Handover	Supportive environment	Induction	Adequate Experience	Curriculum Coverage	Educational Governance	Educational Supervision	Feedback	Local Teaching	Regional Teaching	Study Leave	Rota Design
Defence Postgraduate Medical Deanery																		
Health Education East Midlands	62.83	88.25	81.77	65.25	50.35	62.50	63.54	57.50	69.17	62.92	59.72	47.22	77.08	52.78	58.06	55.00	50.35	53.75
Health Education East of England	82.00	88.33	87.50	68.33	37.50	66.67	58.33	51.67	65.00	85.00	80.55	58.33	79.17		63.89	55.28	61.81	27.08
Health Education Kent, Surrey and Sussex																		
Health Education North Central and East London	69.44	88.75	86.20	70.00	46.99	68.52	62.62	63.61	65.83	72.64	67.16	64.35	79.51	47.92	70.83	66.07	51.39	54.28
Health Education North East	78.80	97.00	93.75	78.33	50.42	71.67	60.00	78.00	88.00	75.50	71.67	78.33	92.50	79.17	72.67	70.67	78.33	57.92
Health Education North West	88.93	96.58	92.36	76.67	50.00	74.45	65.56	81.00	79.82	87.83	89.29	73.89	89.58	80.45	77.11	73.72	80.38	68.47
Health Education North West London																		
Health Education South London																		
Health Education South West																		

Deanery / LETB	Overall Satisfaction	Clinical Supervision	Clinical Supervision O/H	Reporting systems	Work Load	Team work	Handover	Supportive environment	Induction	Adequate Experience	Curriculum Coverage	Educational Governance	Educational Supervision	Feedback	Local Teaching	Regional Teaching	Study Leave	Rota Design
Health Education Thames Valley	79.31	93.85	93.58	77.84	48.56	75.64	67.15	76.92	79.81	76.92	75.76	66.67	85.58	60.42	76.80	79.72	73.09	56.25
Health Education Wessex	82.67	94.58	93.06		43.75	72.22	66.67	70.00	66.67	82.50	76.39	75.00	93.75		76.11	73.89	80.56	68.75
Health Education West Midlands	81.10	92.38	91.44	66.50	35.21	75.00	64.58	69.50	75.00	76.25	78.33	72.50	83.75	83.33	69.83	72.33	58.75	67.36
Health Education Yorkshire and the Humber	86.00	92.92	93.06	75.83	60.42	76.39	66.67	79.17	80.83	85.00	83.33	77.78	92.71	85.42	71.39	75.00	76.74	68.75
NHS Education for Scotland	84.00	97.29	95.49	72.50	48.96	77.78	68.40	81.67	80.83	85.00	84.72	83.33	91.67	81.67	77.50	81.94	67.71	60.42
Northern Ireland Medical & Dental Training Agency																		
Wales Deanery																		