2018 NATIONAL TRAINEE SURVEY RESULTS

RESPIRATORY MEDICINE

SPECIALTY SPECIFIC QUESTIONS

OCTOBER 2018

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Introduction

The Specialty Specific Questions have been developed to test trainee's access to, participation in or confidence in the attainment of specific aspects of the specialty training curriculum.

The questions have been included Programme Specific Questions in the annual GMC National Trainee Survey. The details of these questions and the trainee responses (nationally, by Deanery/LETB and by grade can be found within this report.

512 Respiratory Medicine trainees (115 ST3s, 123 ST4s, 104 ST5s, 89 ST6s and 81 ST7s) completed the survey. This was a decrease of 1.3% (7 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	2017	2018	% Difference
Defence Postgraduate Medical Deanery	2	4	+100%
Health Education East Midlands	32	29	- 9%
Health Education East of England	34	38	+ 12%
Health Education Kent, Surrey and Sussex	26	25	- 4%
Health Education N, C & E London	21	20	- 5%
Health Education North East	28	31	+ 7%
Health Education North West	62	63	+ 2%
Health Education NW London	21	34	+ 62%
Health Education South London	37	27	- 27%
Health Education South West	39	39	+ 0%
Health Education Thames Valley	13	17	+ 31%
Health Education Wessex	26	20	- 3%
Health Education West Midlands	48	40	- 17%
Health Education Yorkshire and the Humber	48	47	- 2%
NHS Education for Scotland	37	39	+ 5%
Northern Ireland Medical & Dental Training Agency	20	15	- 25%
Wales Deanery	25	24	- 4%
Total	**519**	**512**	**- 1%**

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

Specialty Specific Questions

Overall, agreement decreased in four of five Respiratory Medicine specialty specific questions compared with 2017, however there were significant regional differences. The questions have been ranked highest to lowest percentage of trainees agreeing overall in the summary below.

Specialty Specific Questions	% satisfactory responses	2017/2018 Difference	Agreement Highest	Agreement Lowest	% difference [Range]
4) In your specialist posts up until now how would you rate your training in bronchoscopy, including brushing, bronchoalveolar lavage and endobronchial biopsy?	2017: 82% (423/519) 2018: 78% (398/512)	-4%	Wessex (100%) Northern Ireland (93%) London (S) (86%)	London (NC&E) (60%) Yorkshire & Humber (66%) North Western (72%)	40 [60-100]
6) In your specialist posts up until now how would you rate your training in acute non-invasive ventilation?	2017: 79% (412/519) 2018: 76% (391/512)	-3%	Yorkshire & Humber (91%) East Midlands (86%) Wessex (85%)	Wales (55%) London (NC&E) (65%) KSS (68%)	36 [55-91]
1) In your specialist posts up until now how would you rate your training in pleural ultrasound?	2017: 74% (382/519) 2018: 72% (367/512)	-2%	North East (83%) Yorkshire & Humber (81%) West Midlands (80%)	London (NW) (48%) Defence (50%) East of England (57%)	35 [48-83]
2) Have you completed level 1 ultrasound training?	2017: 68% (352/519) 2018: 71% (366/512)	+3%	Defence (100%) Wessex (90%) London (S) (85%)	EOE, LDN (NW) (50%) Wales (58%)	50 [50-100]
8) In your specialist posts up until now how would you rate your training in supervised interpretation of pulmonary function testing, including static and dynamic lung volumes and gas transfer?	2017: 41% (214/519) 2018: 30% (153/512)	-11%	North East (61%) Thames Valley (53%) WMID, YAH (42%)	London (S) (11%) West Midlands (13%) Northern Ireland (14%)	50 [11-61]

Deaneries / LETBs are listed alphabetically by quartile in the table below with 'quartile four' containing the highest ranked and 'quartile one' the lowest. The data was produced by taking an average of all quality criteria percentages.

Quartile	Deanery / LETB	Year	N=	1	2	3	4	5
2	Health Education East Midlands	2017	32	66	75	79	82	25
4		2018	29	73	66	79	86	31
3	Health Education North East	2017	28	89	71	100	85	64
4		2018	31	83	77	80	77	61
2	Health Education Thames Valley	2017	13	92	54	85	84	23
4		2018	17	70	71	83	82	53
4	Health Education Wessex	2017	26	73	69	92	88	59
4		2018	20	75	90	100	85	35
2	Health Education Yorkshire and Humber	2017	48	79	63	75	79	37
4		2018	47	81	79	66	91	42
1	Northern Ireland Medical and Dental Training Agency	2017	20	55	45	80	70	40
3		2018	15	60	80	93	80	14
1	NHS Education for Scotland	2017	37	73	41	78	78	54
3		2018	39	69	69	85	72	31
1	Health Education London (South)	2017	37	62	59	83	67	33
3		2018	27	67	85	86	78	11
4	Health Education South Western	2017	39	84	92	79	79	51
3		2018	39	77	82	74	75	24
	Defence Postgraduate Medical Deanery	2017	<3					
2		2018	4	50	100	75	75	25
3	Health Education Kent, Surrey and Sussex	2017	26	65	85	77	73	46
2		2018	25	72	72	80	68	28
3	Health Education North Western	2017	62	73	82	71	81	35
2		2018	63	78	81	72	71	18
4	Health Education West Midlands	2017	48	79	67	88	88	35
2		2018	40	80	60	81	81	13
2	Health Education East of England	2017	34	59	53	85	89	50
1		2018	38	57	50	74	71	42
4	Health Education London (North Central and East)	2017	21	76	90	76	77	38
1		2018	20	75	75	60	65	30
3	Health Education London (North West)	2017	21	76	62	81	86	43
1		2018	34	48	50	77	82	24
1	Wales Deanery	2017	25	76	60	88	72	28
1		2018	24	71	58	83	55	38

	0-50% overall agreement in 2018		51-75% overall agreement in 2018		76-100% overall agreement in 2018

JRCPTB

Joint Royal Colleges of Physicians Training Board

3) If 'no', how many pleural ultrasound procedures do you have in your logbook?
This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7
2017: n=276, 2018: n=146

All

Grade

JRCPTB
Joint Royal Colleges of Physicians Training Board

Deanery

Legend
■ No pleural ultrasound procedures
■ Between 1 and 5
■ Between 6 and 10
■ Between 11 and 15
■ Between 16 and 20
■ More than 20

Deanery	Year	Values
Yorkshire and Humber	2018	20, 20, 20, 40
Yorkshire and Humber	2017	4, 11, 4, 11, 71
West Midlands	2018	13, 13, 6, 13, 56
West Midlands	2017	5, 5, 20, 70
Wessex	2018	100
Wessex	2017	8, 8, 83
Wales	2018	10, 10, 80
Wales	2017	100
Thames Valley	2018	20, 80
Thames Valley	2017	10, 90
South Western	2018	14, 86
South Western	2017	7, 93
Scotland	2018	17, 17, 25, 42
Scotland	2017	4, 7, 7, 14, 68
Northern Ireland	2018	100
Northern Ireland	2017	6, 19, 75
North Western (inc Mersey)	2018	100
North Western (inc Mersey)	2017	4, 12, 84
North East	2018	14, 14, 71
North East	2017	7, 14, 79
London (South)	2018	25, 25, 50
London (South)	2017	8, 4, 88
London (North West)	2018	12, 6, 12, 12, 6, 53
London (North West)	2017	11, 11, 11, 67
London (North Central and East)	2018	40, 20, 40
London (North Central and East)	2017	14, 86
Kent, Surrey and Sussex	2018	14, 14, 14, 57
Kent, Surrey and Sussex	2017	8, 8, 8, 75
East of England	2018	11, 5, 21, 5, 58
East of England	2017	5, 9, 5, 23, 59
East Midlands	2018	20, 20, 10, 50
East Midlands	2017	6, 6, 12, 76

5) How many bronchoscopies do you have in your logbook so far?
This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7
2017: n=519, 2018: n=512

All

Grade

Deanery

Stacked bar chart showing number of bronchoscopies by deanery, 2017 and 2018.

Legend:
- No bronchoscopies
- Between 1 and 10
- Between 11 and 20
- Between 21 and 40
- Between 41 and 80
- More than 80

Deanery	Year	No bronchoscopies	Between 1 and 10	Between 11 and 20	Between 21 and 40	Between 41 and 80	More than 80
Yorkshire and Humber	2018		6	6	9	34	45
Yorkshire and Humber	2017	2		17	21	21	40
West Midlands	2018	3	5	15	10	23	45
West Midlands	2017	2	6		27	2	63
Wessex	2018		5	5		20	70
Wessex	2017				23	15	62
Wales	2018			8	25	21	46
Wales	2017		4	4	24	20	48
Thames Valley	2018		6	6		35	53
Thames Valley	2017		15	8	23		54
South Western	2018	3	3		28	18	49
South Western	2017		5		18	13	64
Scotland	2018		5	3	8	46	38
Scotland	2017	3	5	8	19	16	49
Northern Ireland	2018			20	20	13	47
Northern Ireland	2017		10	15	15	15	45
North Western (inc Mersey)	2018	2		10	19	27	43
North Western (inc Mersey)	2017	2		6	18	31	44
North East	2018	3	3	10	16	23	45
North East	2017			14	14	32	39
London (South)	2018			4	15	30	52
London (South)	2017			5	11	30	54
London (North West)	2018	3	6	6	9	21	56
London (North West)	2017		5		19	10	67
London (North Central and East)	2018		15	5	20	35	25
London (North Central and East)	2017		10	14			76
Kent, Surrey and Sussex	2018	4			16	24	56
Kent, Surrey and Sussex	2017			12	8	27	54
East of England	2018	3		8	11	24	55
East of England	2017		6	3	12	26	53
East Midlands	2018		3	10	7	34	45
East Midlands	2017			9	13	31	47
Defence	2018					50	50

7) How many cases of acute non-invasive ventilation have you managed so far?
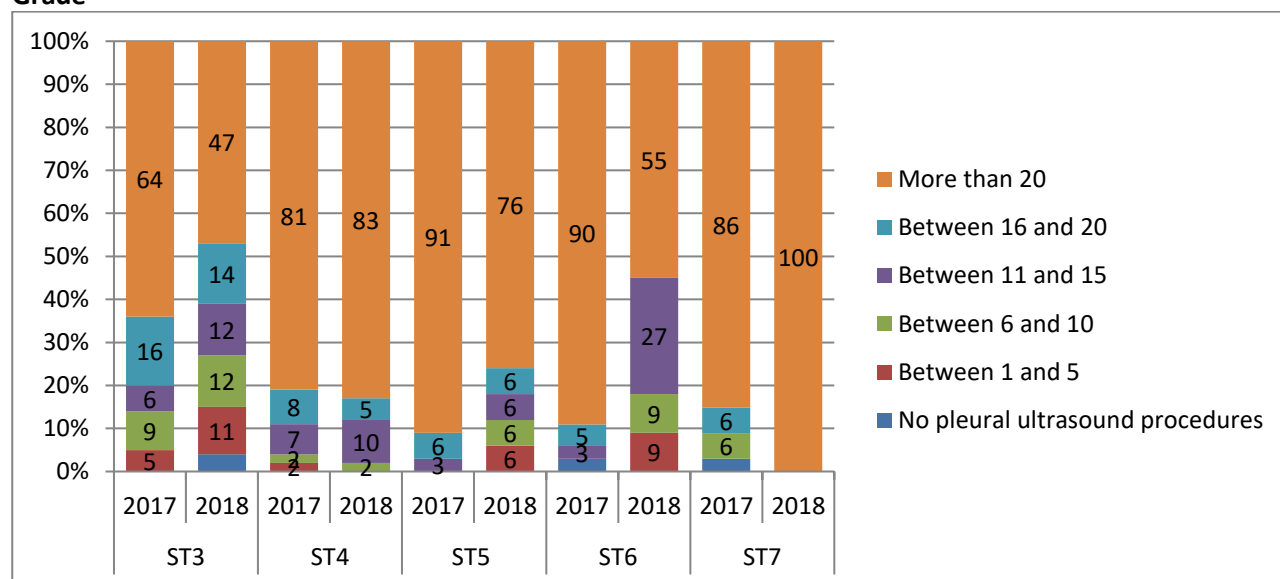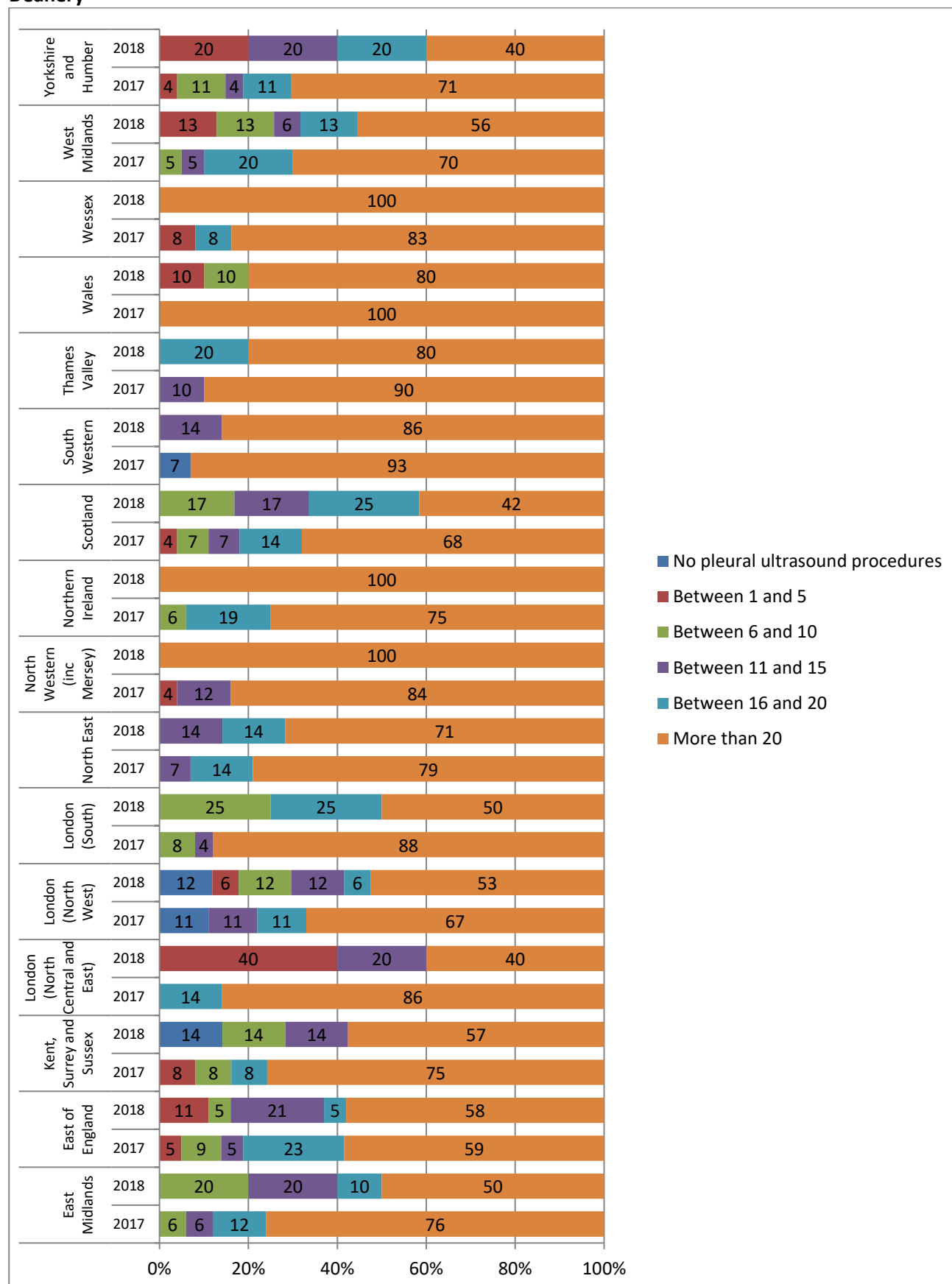This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7
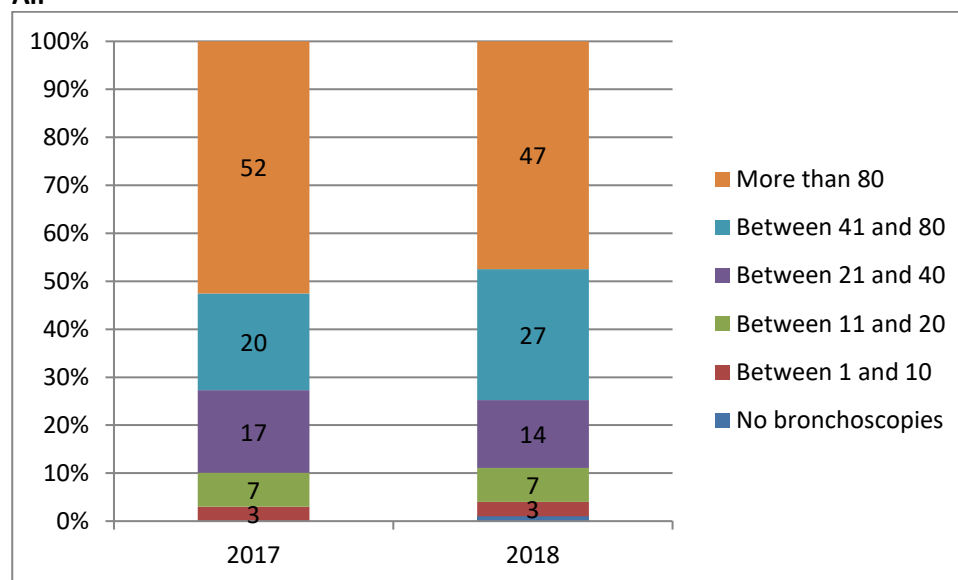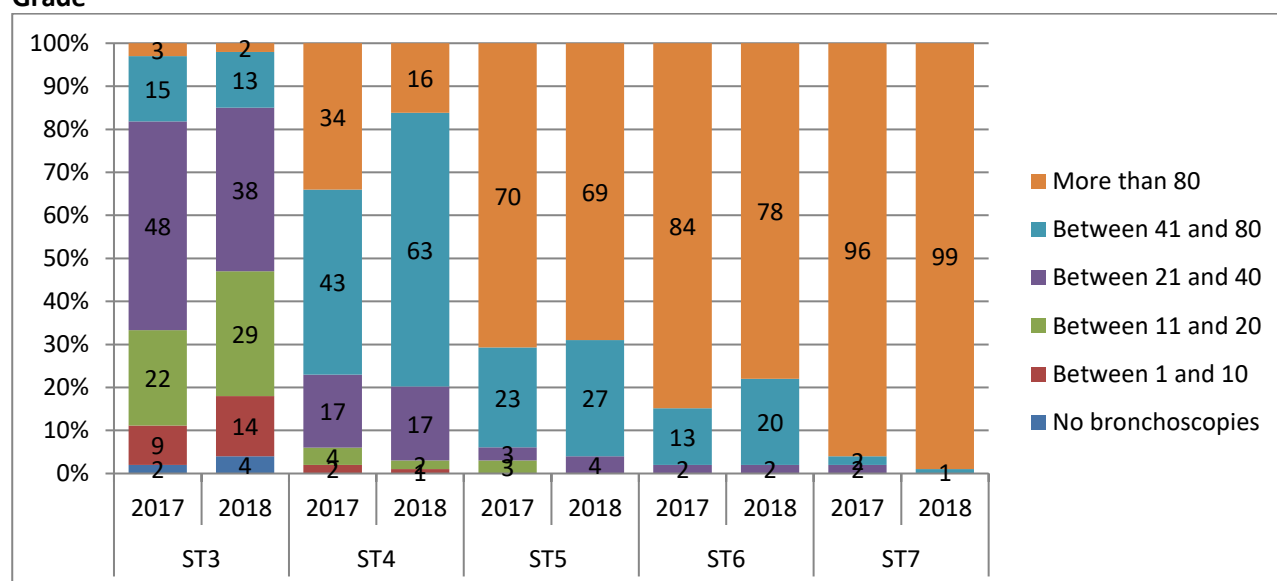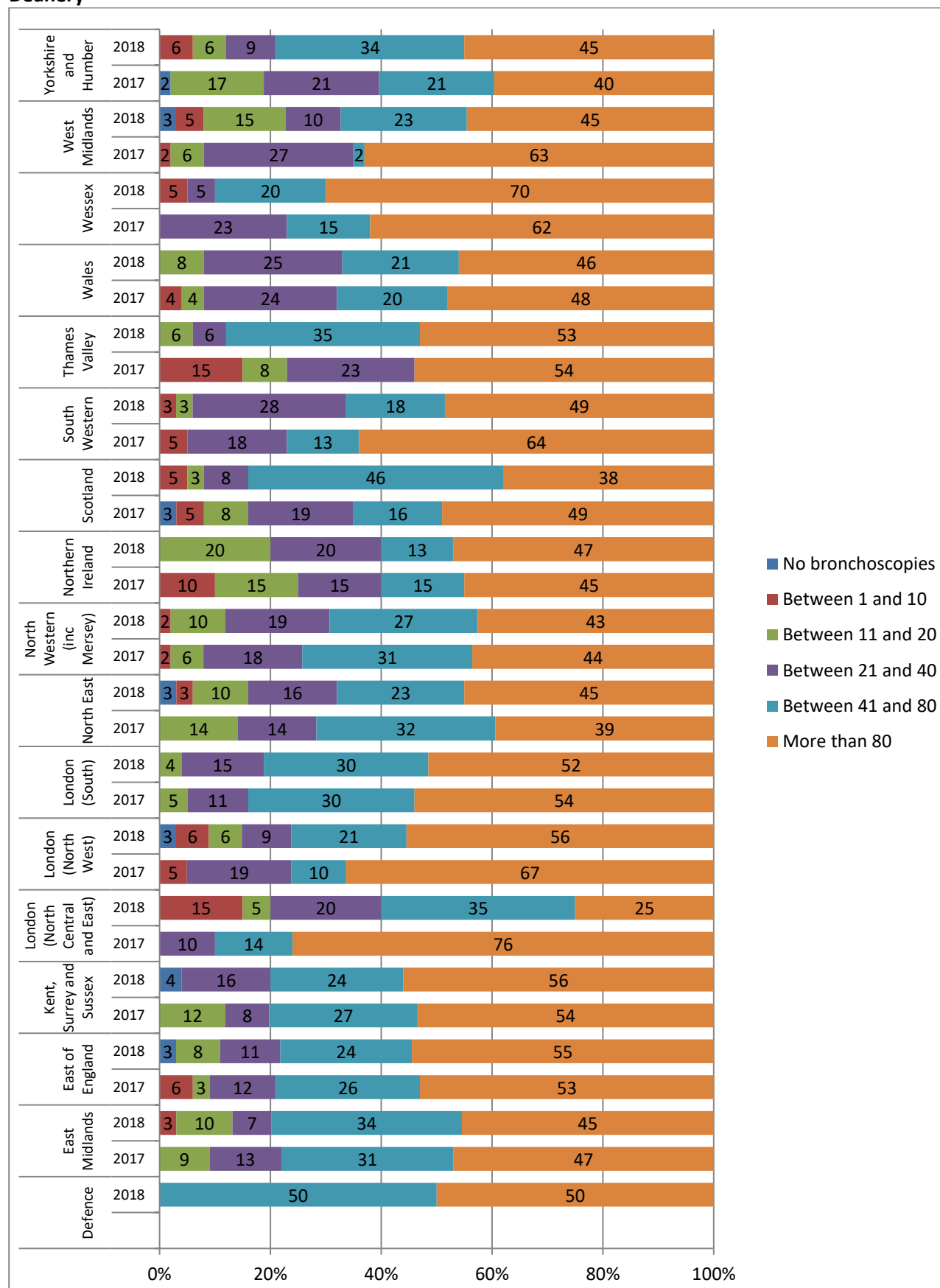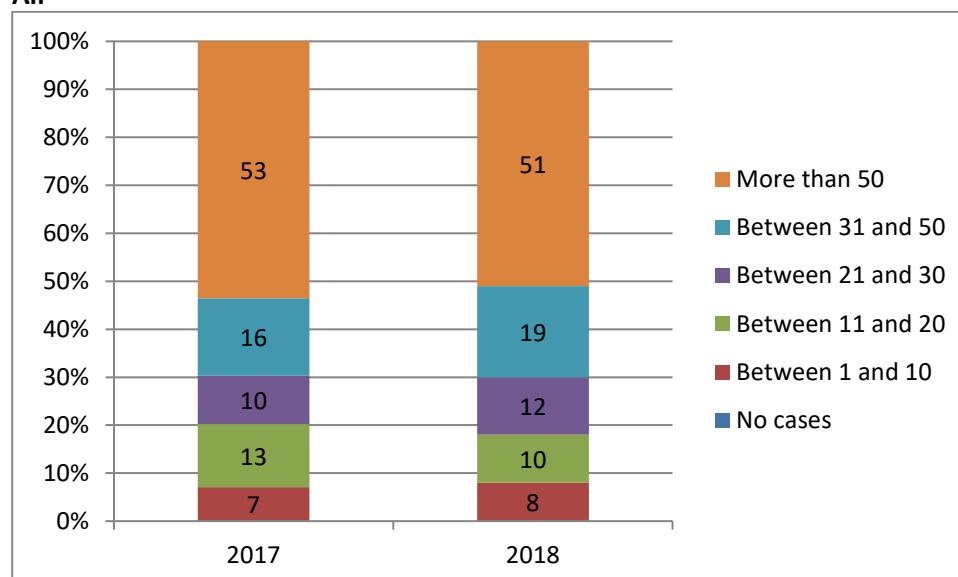2017: n=519, 2018: n=512

All

Grade

Deanery

Deanery	Year	No cases	Between 1 and 10	Between 11 and 20	Between 21 and 30	Between 31 and 50	More than 50
Yorkshire and Humber	2018		6	9	6	21	57
	2017		8	19	10	17	46
West Midlands	2018		20	18	20	18	25
	2017		8	23	13	8	48
Wessex	2018				20	15	65
	2017			8	15	12	65
Wales	2018	4	13		25	17	42
	2017		8	8	12	24	48
Thames Valley	2018			6	18	35	41
	2017				23	15	62
South Western	2018		3	10	13	23	51
	2017		3	10	8	10	69
Scotland	2018	3	8	10	10	36	33
	2017		14	19	8	22	38
Northern Ireland	2018				27	13	60
	2017		10	20	10	5	55
North Western (inc Mersey)	2018		6	14	13	14	52
	2017		5	11	8	21	55
North East	2018		13	10	10	13	55
	2017		4	18	4	25	50
London (South)	2018			11	4	11	74
	2017	3	16	8	5	8	59
London (North West)	2018	3	3		6	18	71
	2017			5	5	14	76
London (North Central and East)	2018		15	30	10	5	40
	2017		5	19	5	10	62
Kent, Surrey and Sussex	2018		8	16	8	16	52
	2017		15	4	8	8	65
East of England	2018		11	8	11	21	50
	2017	3	9	21	12	26	29
East Midlands	2018		10	7		24	59
	2017	3	9		22	22	44
Defence	2018					25	75

9) How many sessions of training in supervised interpretation of pulmonary function testing, including static and dynamic lung volumes and gas transfer, have you had so far?
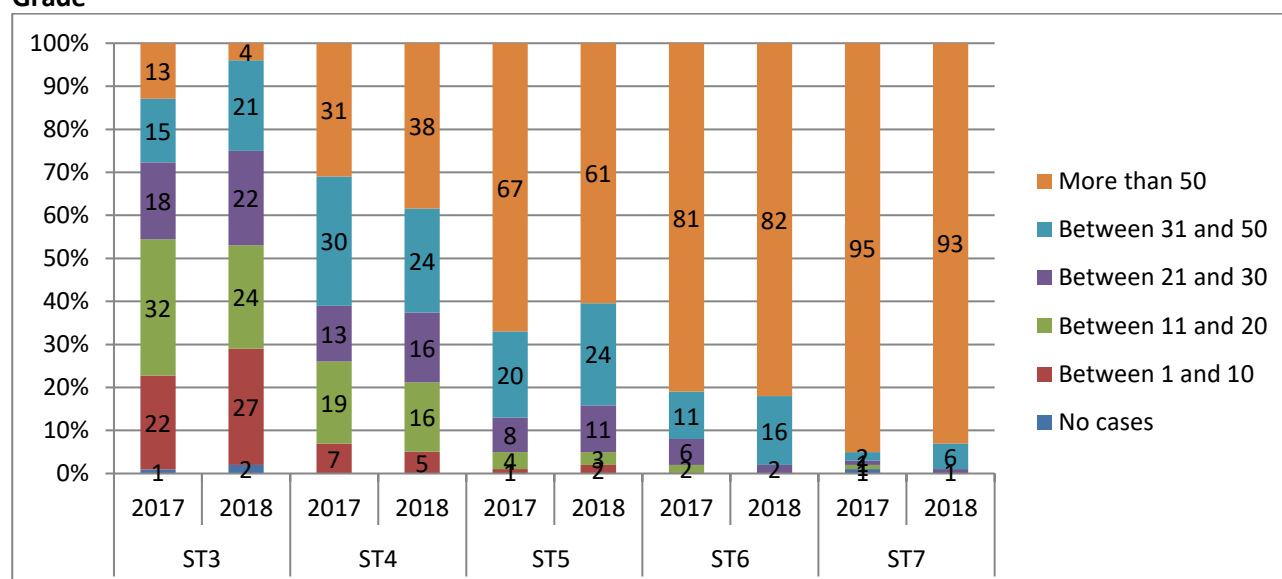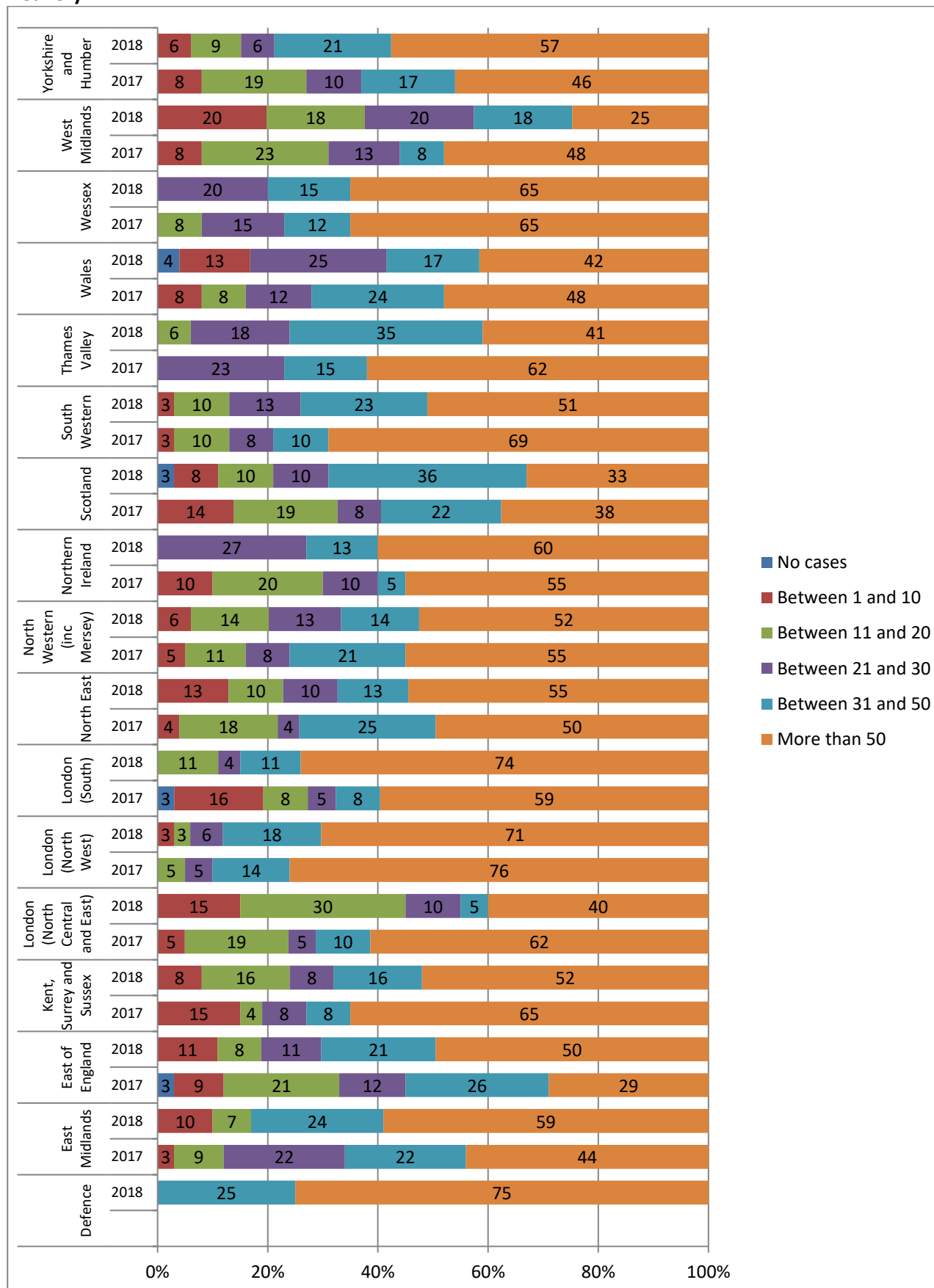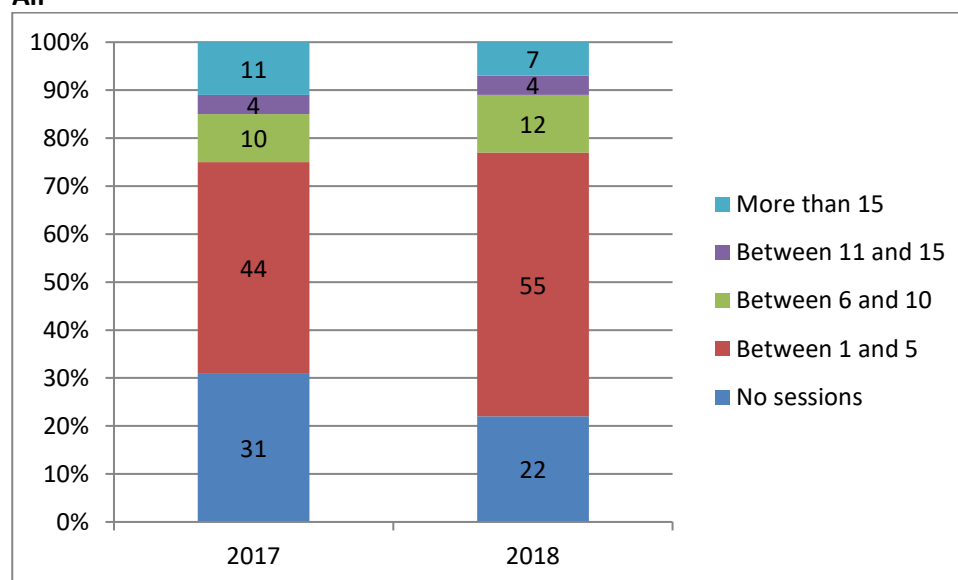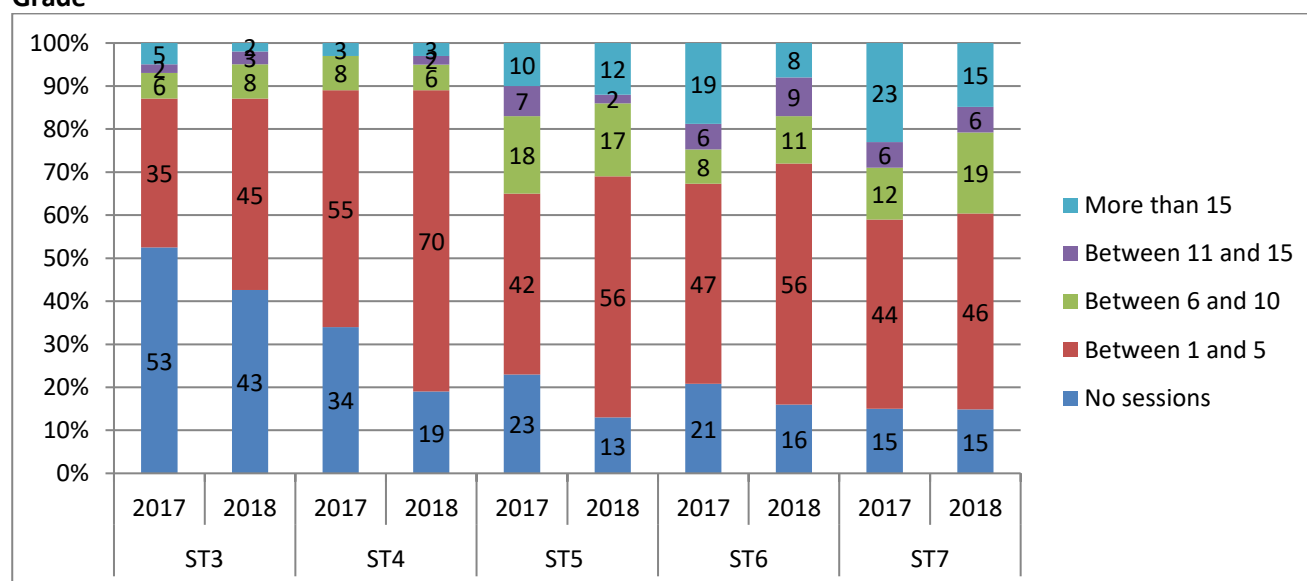This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7
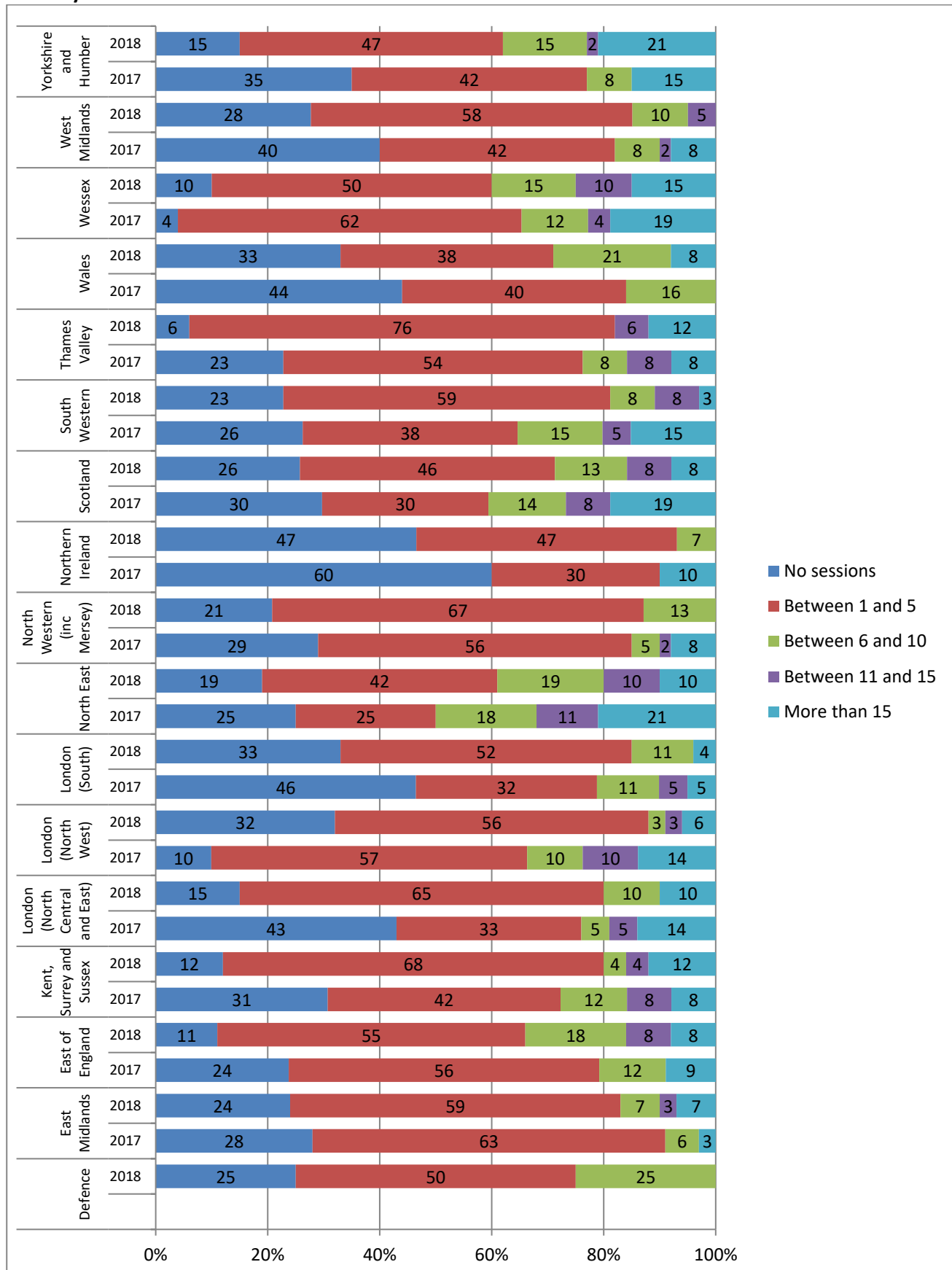2017: n=519, 2018: n=512

All

Grade

Deanery

Chart legend:
- No sessions (blue)
- Between 1 and 5 (red)
- Between 6 and 10 (green)
- Between 11 and 15 (purple)
- More than 15 (light blue)

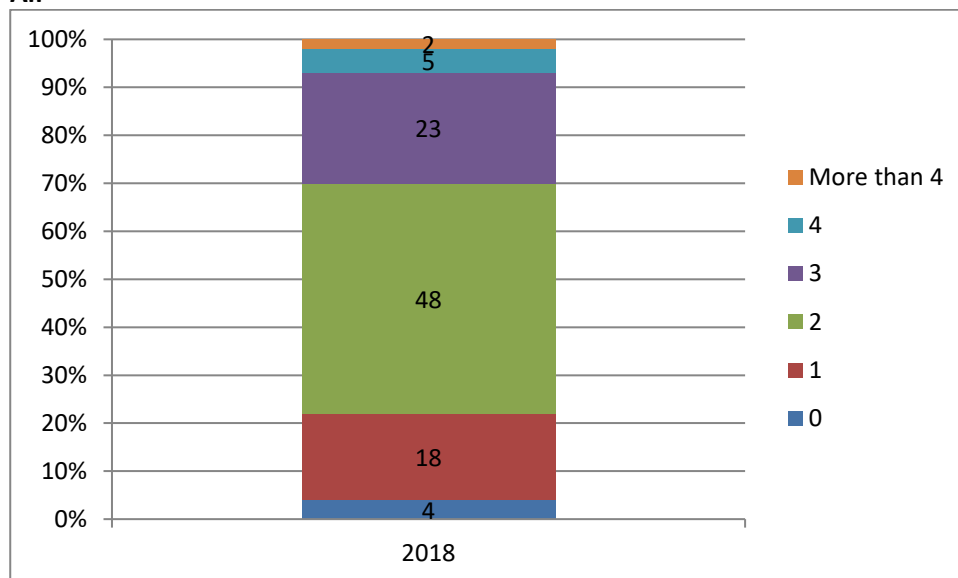| Deanery	Year	No sessions	Between 1 and 5	Between 6 and 10	Between 11 and 15	More than 15
Yorkshire and Humber	2018	15	47	15	2	21
Yorkshire and Humber	2017	35	42	8		15
West Midlands	2018	28	58	10	5	
West Midlands	2017	40	42	8	2	8
Wessex	2018	10	50	15	10	15
Wessex	2017	4	62	12	4	19
Wales	2018	33	38	21		8
Wales	2017	44	40	16		
Thames Valley	2018	6	76		6	12
Thames Valley	2017	23	54	8	8	8
South Western	2018	23	59	8	8	3
South Western	2017	26	38	15	5	15
Scotland	2018	26	46	13	8	8
Scotland	2017	30	30	14	8	19
Northern Ireland	2018	47	47	7		
Northern Ireland	2017	60	30			10
North Western (inc Mersey)	2018	21	67	13		
North Western (inc Mersey)	2017	29	56	5	2	8
North East	2018	19	42	19	10	10
North East	2017	25	25	18	11	21
London (South)	2018	33	52	11		4
London (South)	2017	46	32	11	5	5
London (North West)	2018	32	56	3	3	6
London (North West)	2017	10	57	10	10	14
London (North Central and East)	2018	15	65	10		10
London (North Central and East)	2017	43	33	5	5	14
Kent, Surrey and Sussex	2018	12	68	4	4	12
Kent, Surrey and Sussex	2017	31	42	12	8	8
East of England	2018	11	55	18	8	8
East of England	2017	24	56	12		9
East Midlands	2018	24	59	7	3	7
East Midlands	2017	28	63	6		3
Defence	2018	25	50	25		

10) How many OPD clinics are you doing each week on average in your current year of training?
This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7
2018: n=512

All

Grade

Legend:
- 0
- 1
- 2
- 3
- 4
- More than 4

Deanery	Year	0	1	2	3	4	More than 4
Yorkshire and Humber	2018	4	13	51	15	9	9
West Midlands	2018		3	68	30		
Wessex	2018	10	30	45	15		
Wales	2018	4	33	21	42		
Thames Valley	2018		35	41	24		
South Western	2018	5	33	59	3		
Scotland	2018	3	36	23	33	5	
Northern Ireland	2018		7	53	27	13	
North Western (inc Mersey)	2018	2	17	52	22	5	2
North East	2018		23	55	16	6	
London (South)	2018	7	7	48	26	7	4
London (North West)	2018	15	15	35	29	3	3
London (North Central and East)	2018	5		70	20		5
Kent, Surrey and Sussex	2018		4	68	28		
East of England	2018	5	32	16	32	11	5
East Midlands	2018	3	3	62	21	10	
Defence	2018	25		50		25	

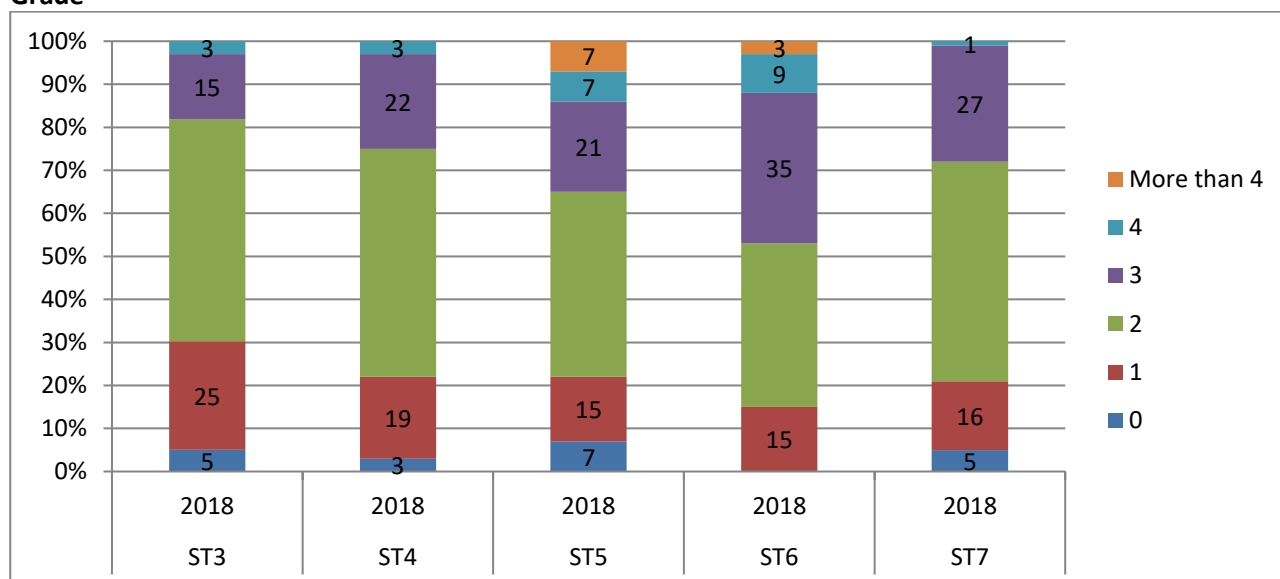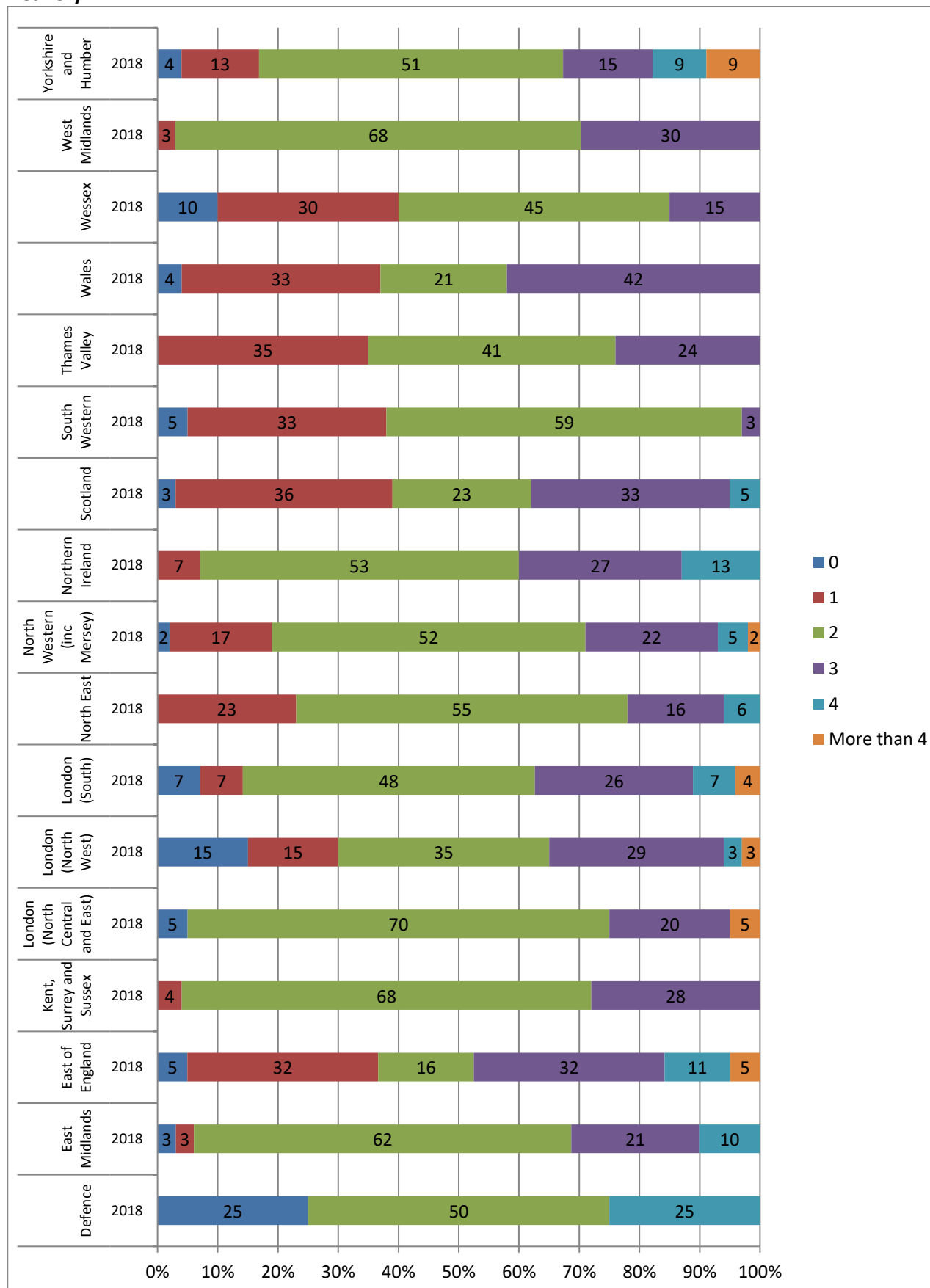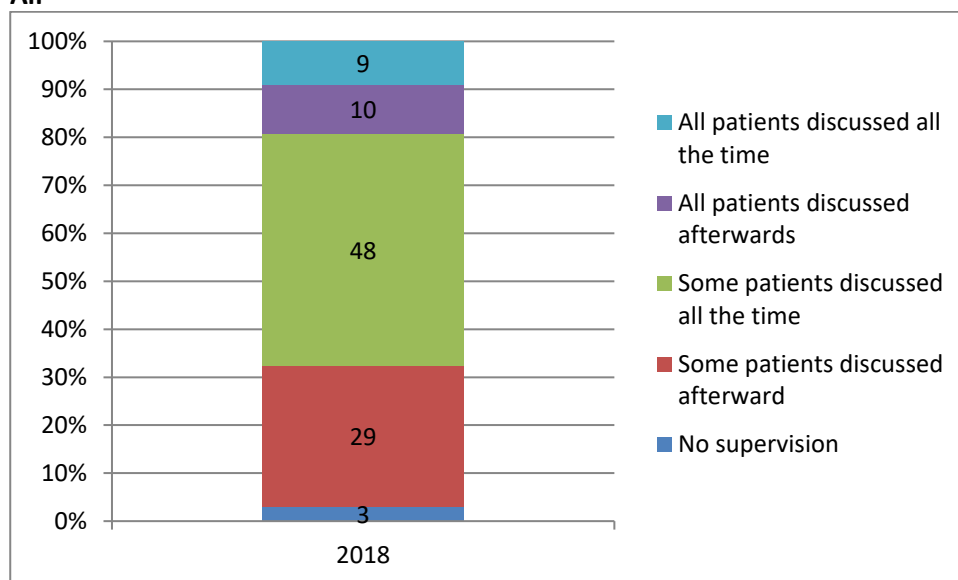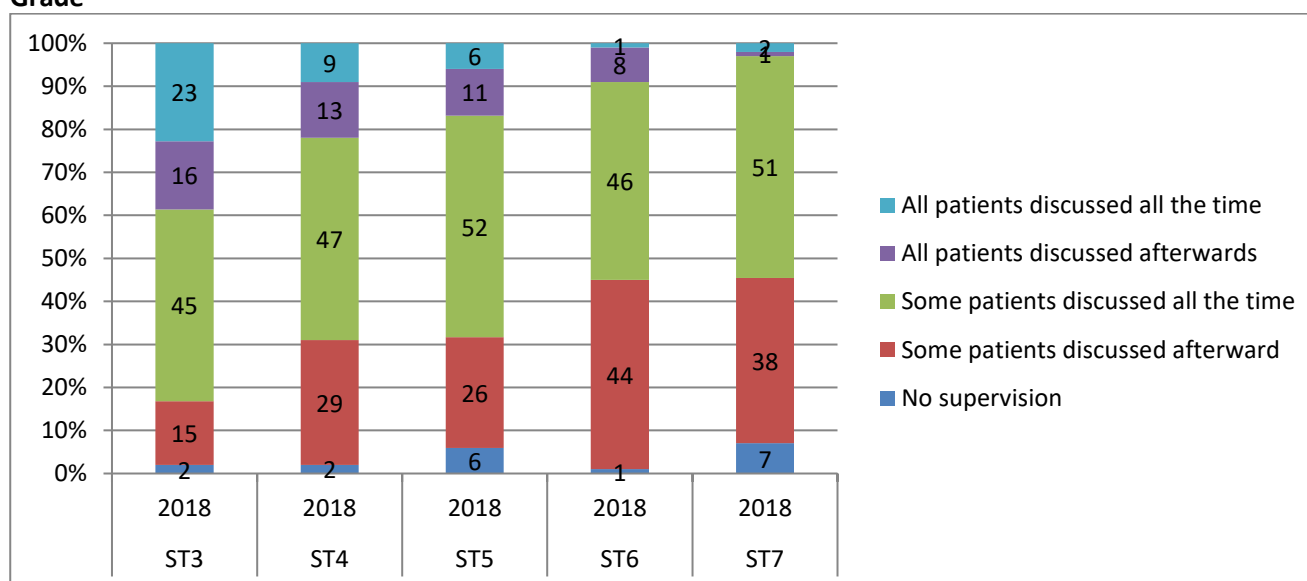**11) How would you describe the supervision of your OPD work?**

This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7

2018: n=512

All

Grade

Deanery

Deanery	Year	No supervision	Some patients discussed afterward	Some patients discussed all the time	All patients discussed aferwards	All patients discussed all the time
Yorkshire and Humber	2018	2	45	40		13
West Midlands	2018	3	20	55	3	20
Wessex	2018	5	50	45		
Wales	2018	4	33	50	4	8
Thames Valley	2018		18	18	59	6
South Western	2018	3	28	38	26	5
Scotland	2018		23	46	15	15
Northern Ireland	2018		27	67		7
North Western (inc Mersey)	2018	5	17	67	5	6
North East	2018		13	58	16	13
London (South)	2018	4	41	41	15	
London (North West)	2018	6	32	44	6	12
London (North Central and East)	2018	5	20	65	5	5
Kent, Surrey and Sussex	2018		56	16	12	16
East of England	2018	5	42	32	18	3
East Midlands	2018	7	10	76		7
Defence	2018	25	50	25		