

2017 NATIONAL TRAINEE SURVEY RESULTS

CARDIOLOGY

SPECIALTY SPECIFIC QUESTIONS

AUGUST 2017

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 as Programme Specific Questions in the annual GMC National Trainee Survey. A table showing trainee's collective responses from a national perspective, a comparison with the responses last previously received for the question (if it has been asked in a previous year) and the region or regions where agreement is highest or lowest are shown on pages 4-7 with a fuller breakdown of the questions and the trainee responses (nationally, by Deanery/LETB and by grade later in this report.

Deanery / LETB	Year	ST3 – ST5	ST6 - ST8	TOTAL	% Difference
Defence Postgraduate Medical Deanery	2016			2	
	2017	2	2	4	+100%
Health Education East Midlands	2016			25	
	2017	25	8	33	+ 24%
Health Education East of England	2016			49	
	2017	24	12	36	- 27%
Health Education Kent, Surrey and Sussex	2016			26	
	2017	18	12	30	+ 13%
Health Education N, C & E London	2016			46	
	2017	37	18	55	+ 16%
Health Education North East	2016			30	
	2017	21	2	23	- 23%
Health Education North West	2016			56	
	2017	34	22	56	+ 0%
Health Education NW London	2016			49	
	2017	21	6	27	- 45%
Health Education South London	2016			44	
	2017	25	19	44	+ 0%
Health Education South West	2016			26	
	2017	19	11	30	+ 13%
Health Education Thames Valley	2016			19	
	2017	10	6	16	- 16%
Health Education Wessex	2016			26	
	2017	21	5	26	+ 0%
Health Education West Midlands	2016			31	
	2017	24	12	36	+ 14%
Health Education Yorkshire and the Humber	2016			40	
	2017	20	16	36	- 10%
NHS Education for Scotland	2016			39	
	2017	34	11	45	+ 13%
Northern Ireland Medical & Dental Training Agency	2016			20	
	2017	9	7	16	- 20%
Wales Deanery	2016			33	
	2017	27	9	36	+ 8%
TOTAL	2016			561	
	2017	371	178	549	- 2%
Reduction of >10% of trainees completing the NTS in 2017 compared to 2016					

Executive Summary

There were significant regional differences in trainee responses for many of the 15 Cardiology specialty specific questions asked in 2017.

96% of ST6-ST8 trainees overall agreed they were undertaking their first choice modules, with 11/16 regions (East Midlands, East of England, London (N, C & E and NW), North East, Northern Ireland, Scotland, Thames Valley, Wales, Wessex and Yorkshire and the Humber) receiving 100% trainee agreement. South West was lowest with 91% of trainees in agreement. 66% of trainees reported undergoing a formal or informal competitive selection process. Coronary Intervention was the most anticipated first choice module among ST3-ST5 trainees (42% of trainees), followed by Imaging (22% of trainees) and Electrophysiology (20% of trainees). Less than 0.5% of ST3-ST5 trainees overall were anticipating General Medicine as their first choice with the small number that were all from London (N, C & E). The most likely advanced modules selected by ST3-ST5 trainees were as follows:

- Coronary Intervention (46% of all trainees)
- Echocardiography Level 1 (29% of all trainees)
- General (Internal) Medicine (25% of all trainees)
- Devices (24% of all trainees)
- Heart Failure (24% of all trainees)
- MRI (22%)

53% of ST6-ST8 trainees reported they spent in excess of 60% of their working time training in their advanced modules, an 11% increase since 2014 when the question was last asked.

91% of ST3-ST8 trainees agreed their educational supervisor understood their curricular training needs. Two regions, South West and Thames Valley had 100% trainee agreement with East Midlands and North West lowest at 82% agreement.

90% of ST3-ST8 trainees overall agreed they were able to meet with an educational supervisor who understands the curriculum with 25% (4/16 regions) having 100% of trainees in agreement. East Midlands trainees at 79% were in least agreement.

54% of ST3-ST8 trainees overall attended two outpatient clinics on average per week with a further 33% of trainees attending one clinic per week. London (South) was the only region where any trainees reported attending 5 or more outpatient clinics on average per week. 27% of trainees overall reported consultant delivered, curriculum based supervision and training was delivered between 1 and 20% of outpatient time but conversely a further 18% of trainees reported it being delivered between 81 and 100% of outpatient time. 11% of trainees overall reported it not being delivered, with this highest in East of England at 25%.

53% of ST6-ST8 trainees agreed they could easily complete core competencies in ST3 to ST5, **down 3% on 2014**. 100% of trainees in Northern Ireland agreed whilst only 30% of trainees in London (South) agreed.

47% of ST3-ST5 trainees reported receiving at least weekly training in Echocardiography. This is a **4% decline since the question was last asked in 2015**. At least weekly training was highest in the South West (75% of trainees) and lowest in East Midlands (24% of trainees).

Specialty Specific Questions

Cardiology: ST3+	% trainees agreeing overall		Difference	Agreement Highest		Agreement Lowest	
1) How often do you attend joint cardiology/cardiothoracic multidisciplinary or 'Heart team' meetings? (ST3 – ST8)	Once weekly:	39%	2016/2017 -2%	KSS, SW	57% (17/30)	North West	18% (10/56)
	1-3 / month:	21%	+3%	London (NW)	44% (12/27)	Wessex	4% (1/26)
	N/A:	17%	+4%	Thames Valley	31% (5/16)	4/16 regions	6%
	<Once / month:	13%	+3%	North West	27% (15/56)	2/16 regions	3%
	>Once weekly:	10%	-1%	London (N, C & E)	25% (14/55)	2/16 regions	0%
2) Did you undergo a competitive selection process for advanced modules? (ST6-ST8)	Formal	47%	2014/2017 -0%	3/16 regions	100%	4/16 regions	0%
	Informal	19%	-3%	North West	59% (13/22)	4/16 regions	0%
	No	34%	+3%	Scotland	91% (10/11)	4/16 regions	0%
3) Are you undertaking your first choice module(s)? (ST6-ST8)	Yes	96% (171/178)	2014/2017 -1%	11/16 regions	100%	KSS	75% (9/12)
	No	4% (7/178)	+1%	KSS	25% (3/12)	11/16 regions	0%
4) I could easily complete all my core competencies in ST 3 to 5 (ST6-ST8)	Agree	58%	2014/2017 -3%	Northern Ireland	100% (7/7)	London (South)	32% (6/19)
	Disagree	23%	+6%	London (South)	47% (9/19)	2/16 regions	0%
	Neither	20%	-3%	2/16 regions	50%	2/16 regions	0%
5) On average, what proportion of your working time involves training in your advanced modules? (ST6-ST8)	61-80%	35%	2014/2017 +4%	London (NW)	83% (5/6)	3/16 regions	0%
	41-60%	30%	-8%	Northern Ireland	57% (4/7)	2/16 regions	0%
	81-100%	18%	+7%	Wessex	60% (3/5)	3/16 regions	0%
	21-40%	12%	-1%	Northern Ireland	43% (3/7)	3/16 regions	0%
	1-20%	4%	-1%	Wessex	20% (1/5)	10/16 regions	0%
	0%	1%	-1%	London (South)	4% (1/19)	15/16 regions	0%

Cardiology: ST3+	% trainees agreeing overall	Difference	Agreement Highest	Agreement Lowest
6) Have you been exposed to pregnant patients with heart disease in a clinical environment which facilitated training? (ST6-ST8)	Yes, curricula fulfilled 72% Yes, curricula not fulfilled 24% Not at all 4%	2015/2017 +8% -3% -5%	London (NW) 100% (6/6) Northern Ireland 71% (5/7) Wales 11% (1/9)	KSS 33% (4/12) London (NW) 0% (0/6) 8/16 regions 0%
7) Please select your likely advanced modules so that they add up to 4 or 5 units (ST3-ST5)	Coronary Int 46% Echo 1 29% G(I)M 25% Devices 24% Heart Failure 24% MRI 22% Electrophysiology 19% CT 16% Echo 2 11% Academia 10% Pregnancy 5% ACHD (4 units) 4% ACHD (2 units) 3% Nuclear 3%	2017 only	2/16 regions 59% Northern Ireland 56% (5/9) KSS 44% (8/18) East Midlands 44% (11/25) 2/16 regions 32% North East 43% (9/21) Thames Valley 30% (3/10) Scotland 35% (12/34) Thames Valley 30% (3/10) London (South) 24% (6/25) Yorks and Humber 10% (2/20) 2/16 regions 14% London (NW) 10% (2/21) North East 14% (3/21)	North West 26% (9/34) Wessex 14% (3/21) Thames Valley 10% (1/10) Thames Valley 0% (0/10) Thames Valley 10% (1/10) London (South) 0% (0/25) East of England 8% (2/24) 2/16 regions 0% 3/16 regions 0% 2/16 regions 0% 5/16 regions 0% 9/16 regions 0% 9/16 regions 0% 11/16 regions 0%
8) How often, if at all, do you receive training in echocardiography? (ST3-ST5)	Once weekly: 33% 1-3 /month 29% <Once / month 16% >Once / weekly 14% N/A 8%	2015/2017 -7% +4% +4% +3% -4%	West Midlands 54% (13/24) London (NW) 52% (11/21) Yorks and Humber 35% (7/20) South West 37% (7/19) 2/16 regions 20%	East Midlands 8% (2/25) Wales 7% (2/27) South West 0% (0/19) Thames Valley 0% (0/10) 2/16 regions 0%

Cardiology: ST3+	% trainees agreeing overall	Difference	Agreement Highest	Agreement Lowest
9) What do you anticipate will be your first choice advanced module in ST6 and 7? (ST3-ST5)	Coronary Int 42% Imaging 22% Electrophysiology 20% Heart Failure 9% Adult CHD 4% Academia 2% G(I)M 0%	2017 only	Wales 59% (16/27) London (N, C & E) 35% (13/37) 2/16 regions 35% Yorks and Humber 20% (4/20) London (NW) 14% (3/21) London (NW) 10% (2/21) East of England 4% (1/24)	North West 18% (6/34) Yorks and Humber 10% (2/20) Scotland 3% (1/34) South West 0% (0/19) 8/16 regions 0% 10/16 regions 0% 15/16 regions 0%
10) On average, what proportion of your time involved managing cardiac patients in an acute setting (CCU, A&E, Acute Medical Unit) (ST3-ST5)	21-40% 35% 41-60% 27% 61-80% 17% 1-20% 14% 81-100% 6% 0% 0%	2017 only	West Midlands 58% (14/24) London (NW) 48% (4/9) London (N, C & E) 32% (12/37) 2/16 regions 24% Thames Valley 30% (3/10) East of England 4% (1/24)	KSS 17% (3/18) Thames Valley 10% (1/10) West Midlands 8% (2/24) 2/16 regions 0% 5/16 regions 0% 15/16 regions 0%
11) In which area do you usually work when you are on call? (ST3-ST8)	Card with PCI 55% A(I)M 38% Card w/o PCI 6% Other 1%	2014/2017 -1% -1% +2% +0%	2/16 regions 75% North East 52% (12/23) London (N, C & E) 24% (13/55) London (N, C & E) 7% (4/55)	London (N, C & E) 38% (21/55) West Midlands 22% (8/36) 6/16 regions 0% 14/16 regions 0%
12) I am able to meet with an educational supervisor at appropriate times who understands the curriculum. (ST3-ST8)	Agree 90% Disagree 2% Neither 8%	2015/2017 +0% +0% +0%	3/16 regions 100% North West 7% (4/56) East Midlands 18% (6/33)	East Midlands 78% (26/33) 7/16 regions 0% 3/16 regions 0%

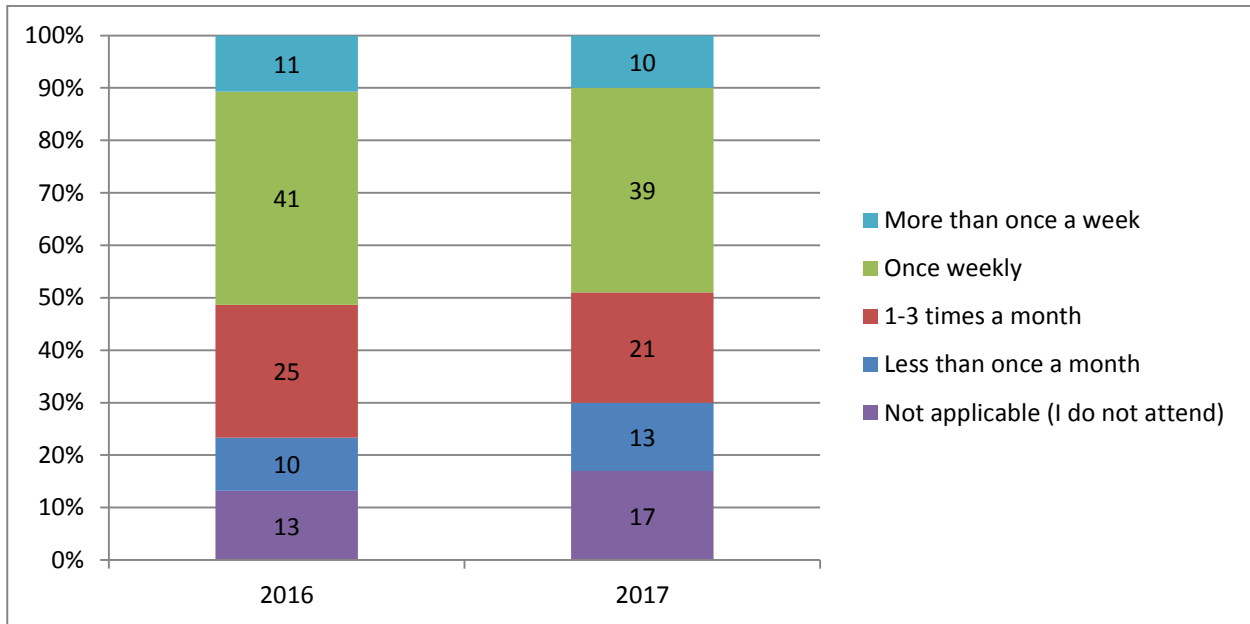
Cardiology: ST3+	% trainees agreeing overall		Difference	Agreement Highest		Agreement Lowest	
13) My educational supervisor fully understands my curricular training needs. (ST3-ST8)	Agree	91%	2017 only	South West	100% (30/30)	2/16 regions	82%
	Disagree	2%		North West	11% (6/56)	9/16 regions	0%
	Neither	7%		London (NW)	15% (4/27)	South West	0% (0/30)
14) In an average week, how many outpatient clinics do you attend? (ST3-ST8)	2	54%	2017 only	North East	78% (18/23)	London (NW)	37% (10/27)
	1	33%		London (NW)	59% (16/27)	North East	13% (3/23)
	3	10%		Yorks and Humber	28% (10/36)	Northern Ireland	0% (0/16)
	0	2%		East of England	14% (5/36)	10/16 regions	0%
	4	1%		East of England	6% (2/36)	10/16 regions	0%
	5 or more	0%		London (South)	2% (1/44)	15/16 regions	0%
15) On average, what proportion of your outpatient time involves consultant delivered, curriculum based supervision and training? (ST3-ST8)	1-20%	27%	2017 only	2/16 regions	37%	Scotland	18% (8/45)
	81-100%	18%		2/16 regions	31%	2/16 regions	6%
	21-40%	15%		Yorks and Humber	28% (10/36)	Wales	6% (2/36)
	41-60%	15%		London (N, C & E)	24% (13/55)	2/16 regions	6%
	61-80%	14%		Thames Valley	25% (4/16)	2/16 regions	4%
	0%	11%		East of England	22% (8/36)	West Midlands	0% (0/36)

Q1. How often do you attend joint cardiology/cardiothoracic multidisciplinary or 'Heart team' meetings?

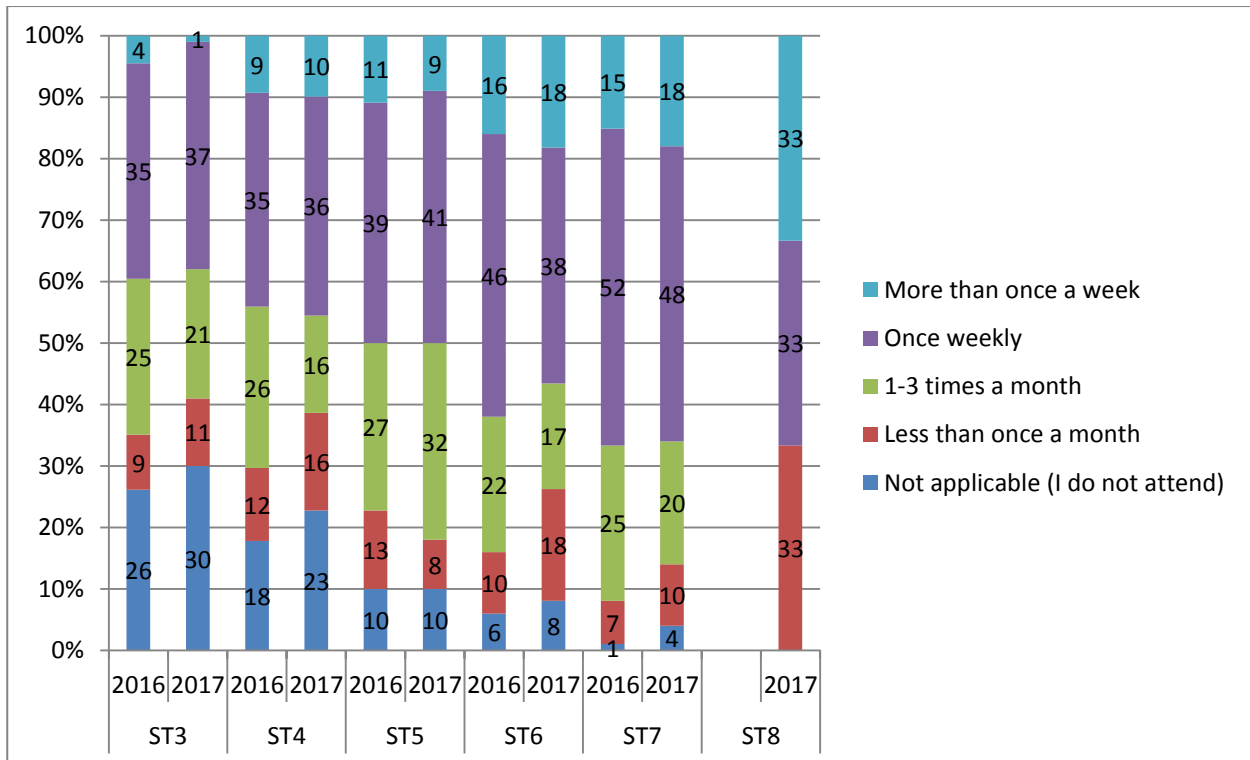
(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8)

2016: n=561, 2017: n=549

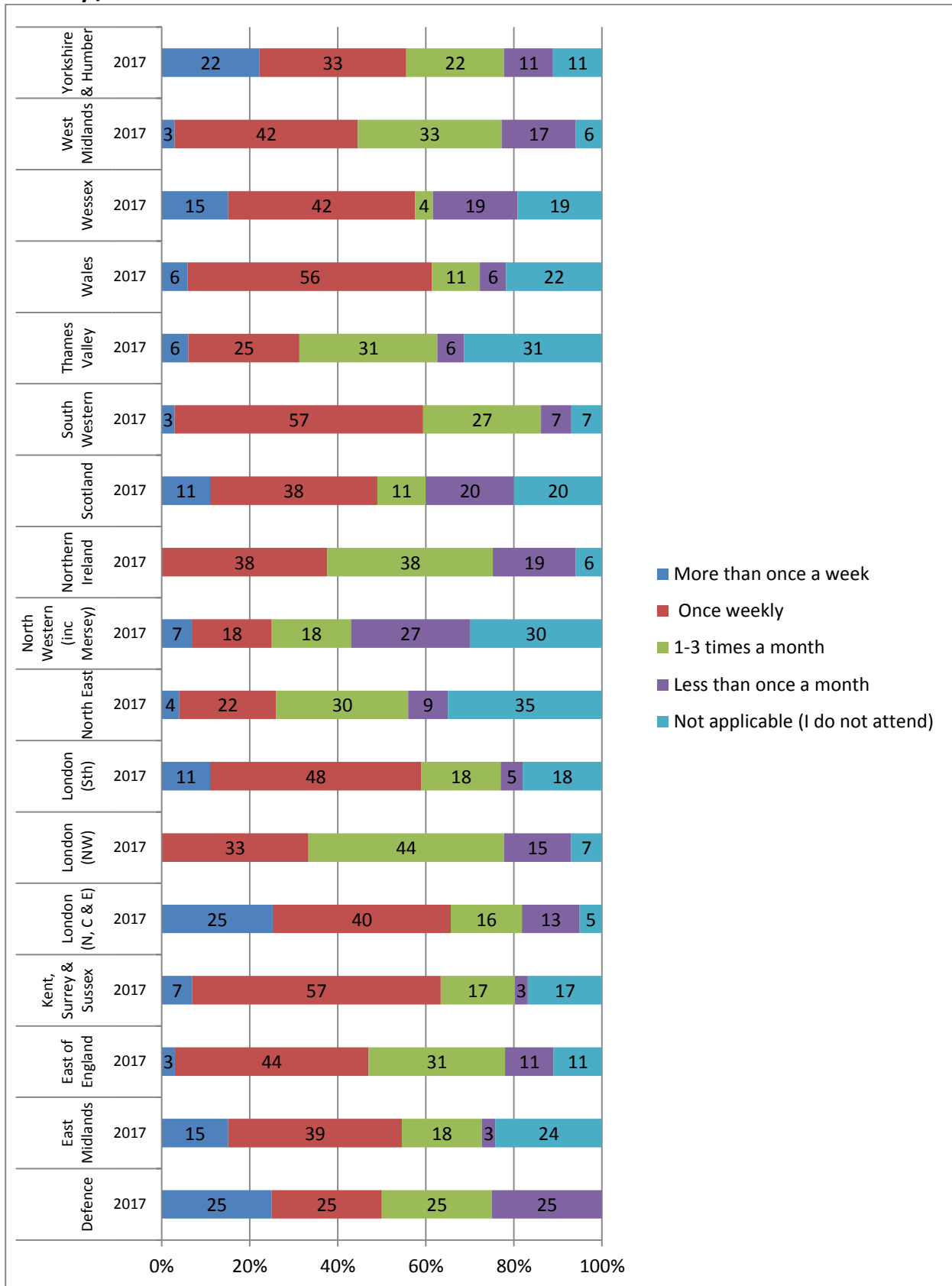
All results



Grade



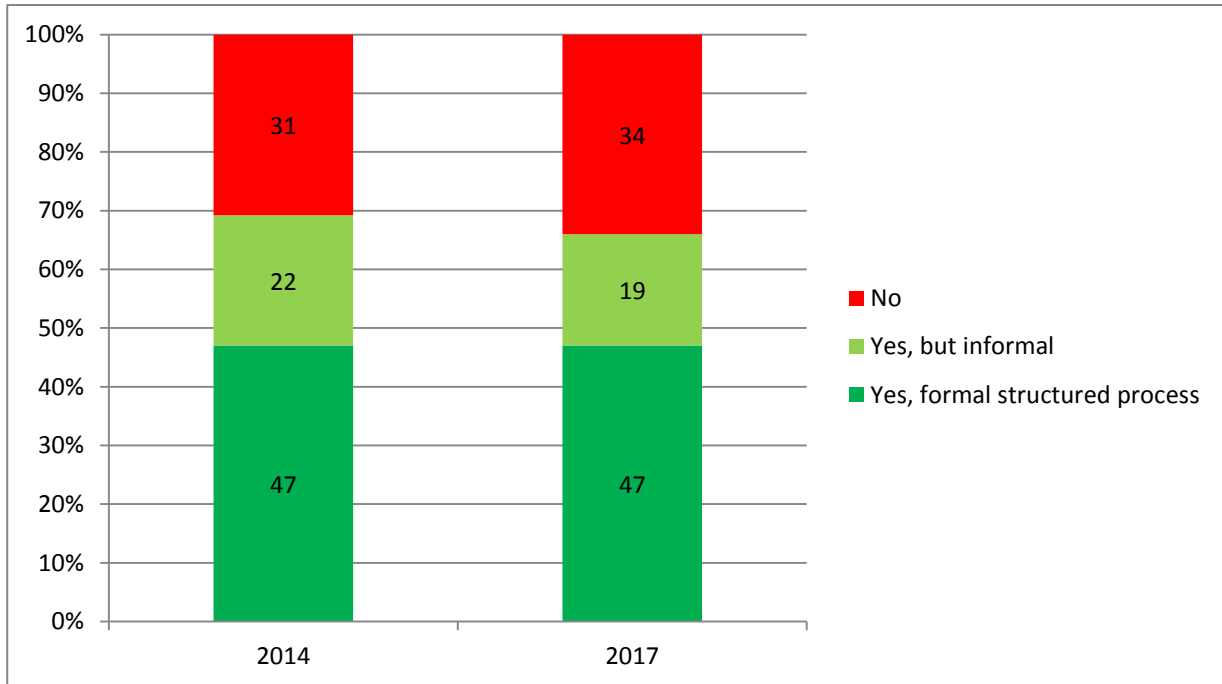
Deanery / LETB



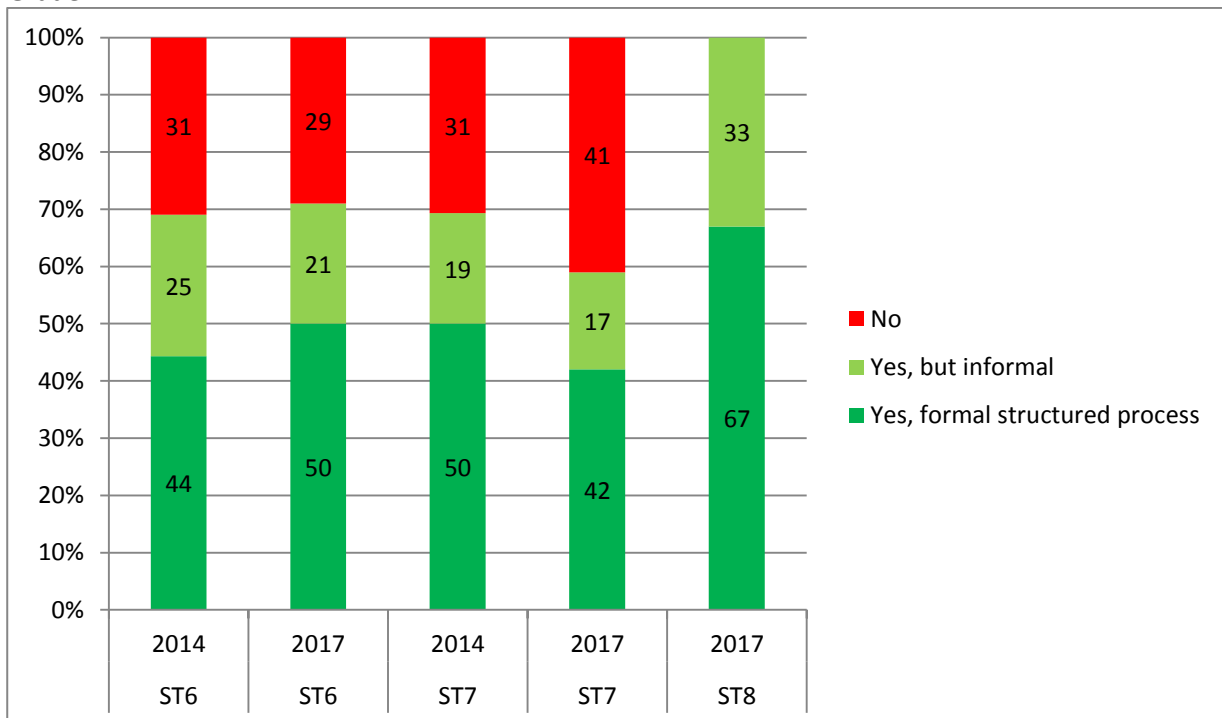
Q2. Did you undergo a competitive selection process for advanced modules??

(This question was presented to trainees of the following grades: ST6, ST7, ST8) 2017 n Range: 178

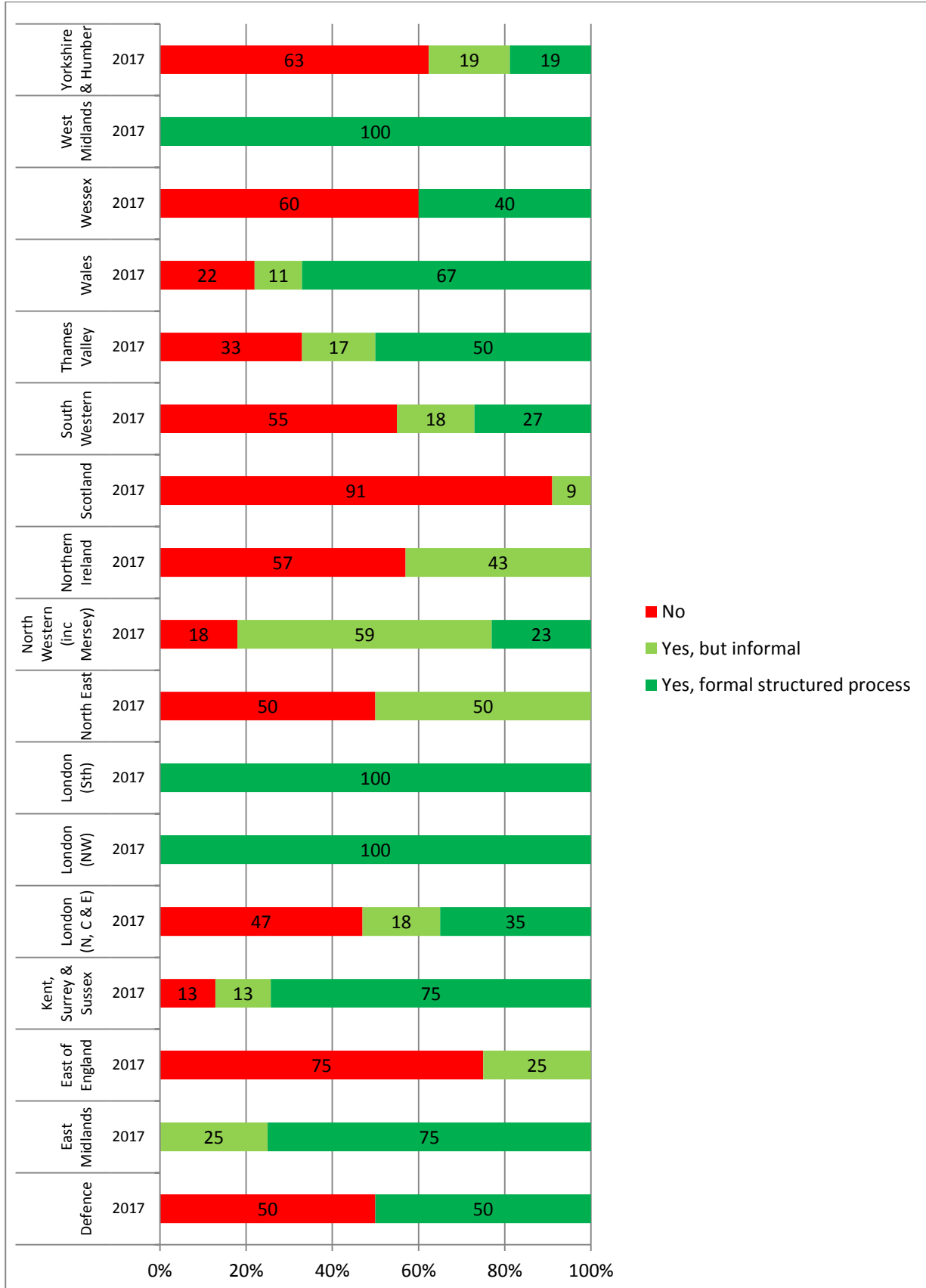
All results



Grade



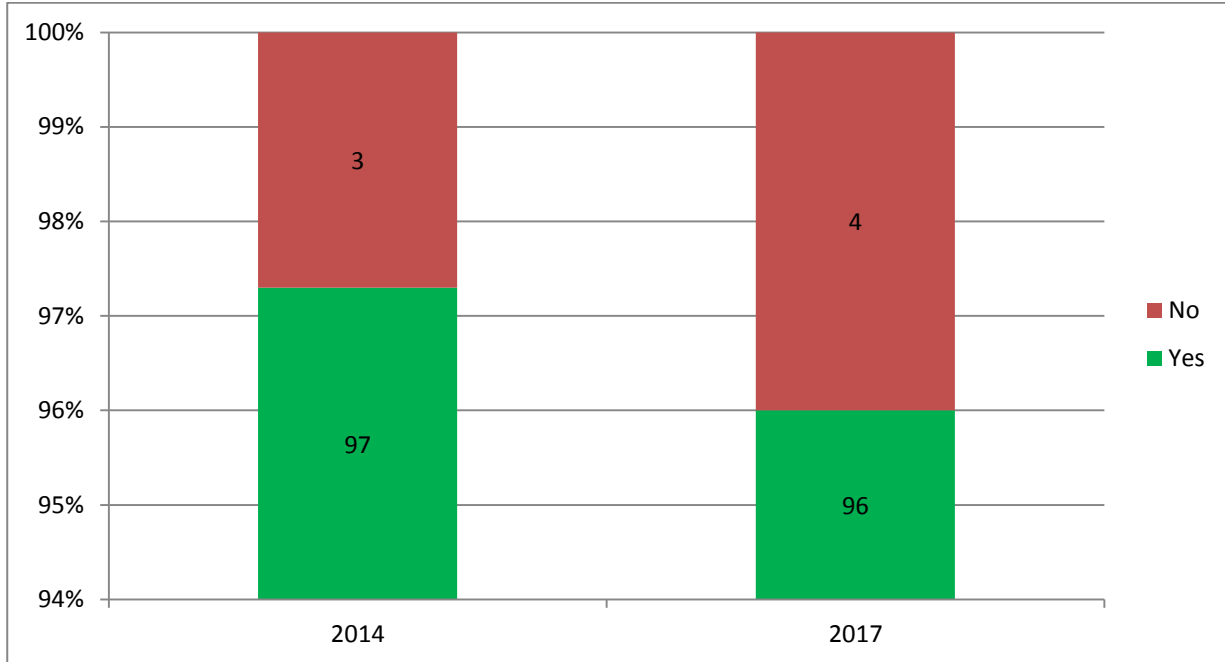
Deanery / LETB



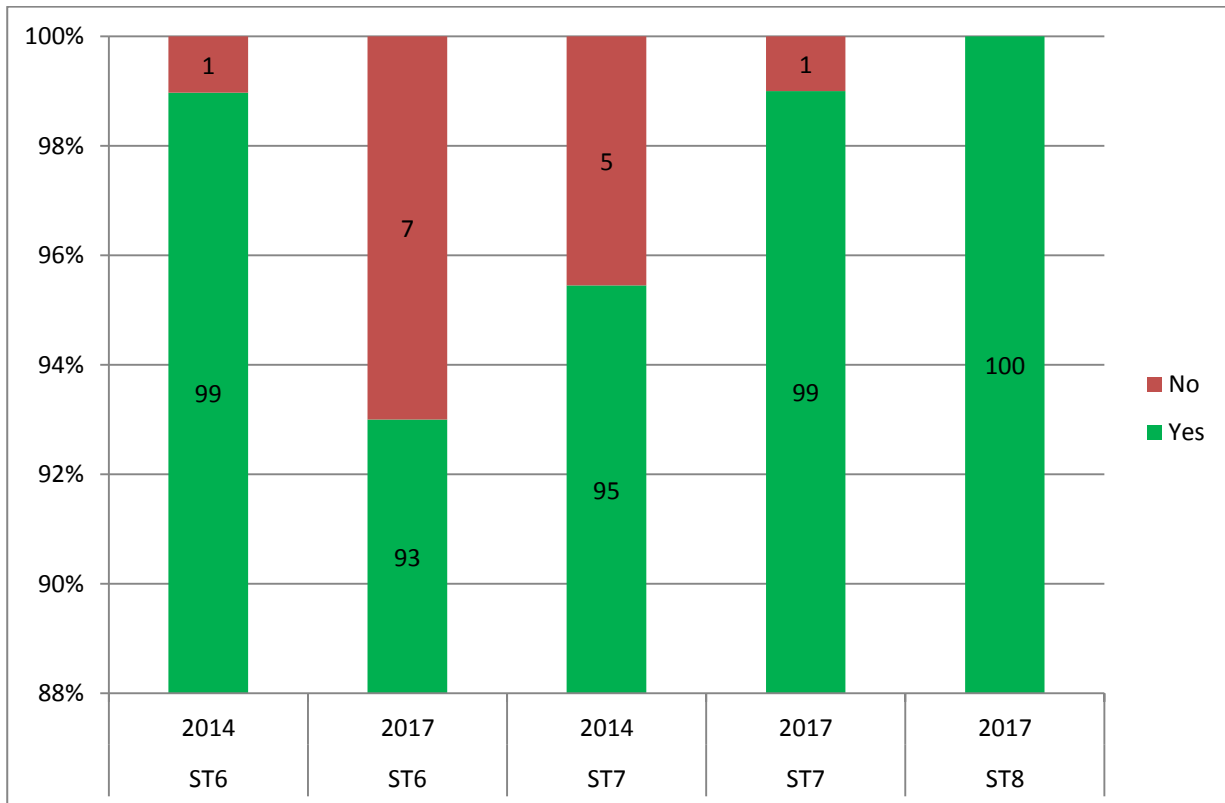
Q3. Are you undertaking your first choice module(s)?

(This question was presented to trainees of the following grades: ST6, ST7, ST8) 2017 n Range: 178

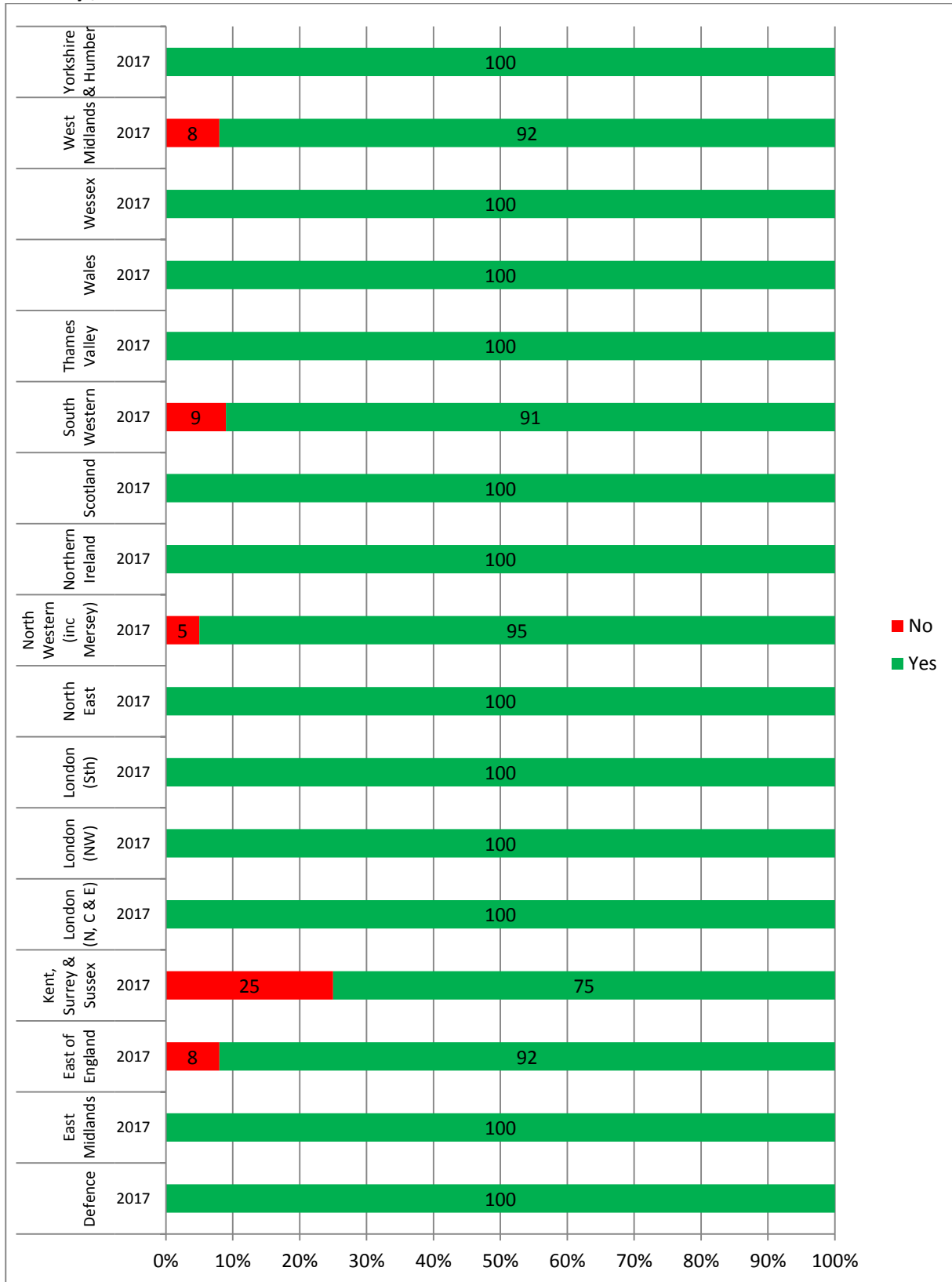
All trainees



Grade



Deanery / LETB

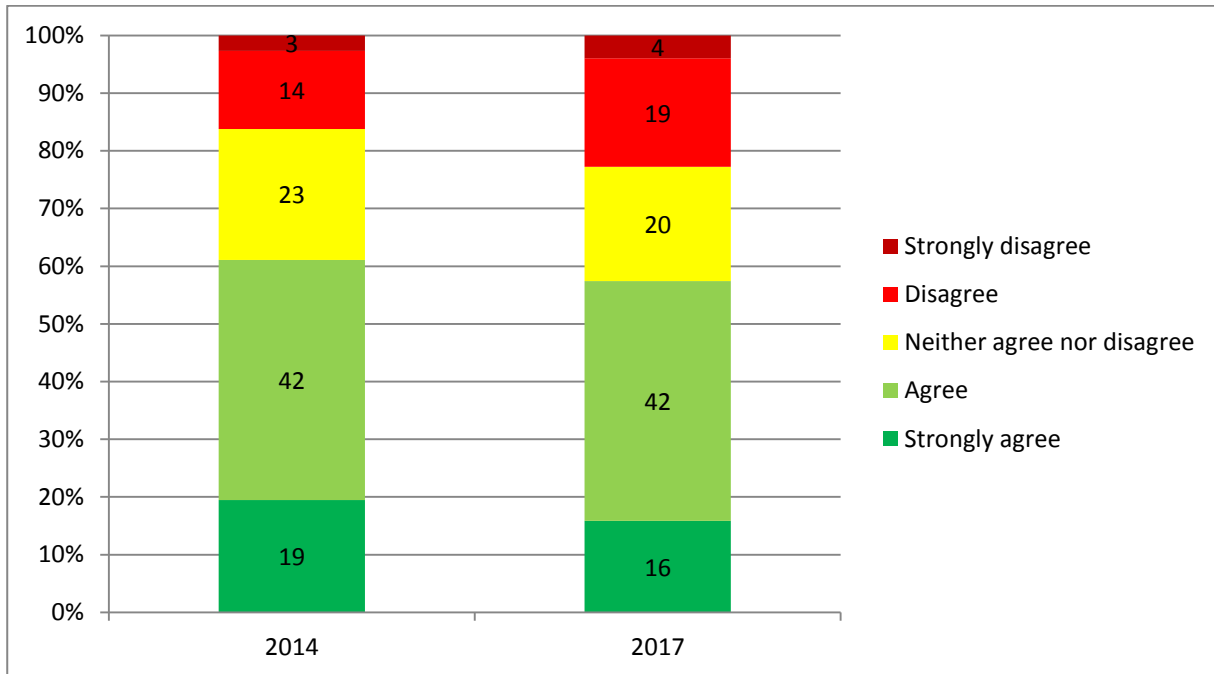


Q4. Please indicate how much you agree or disagree with the following statement.

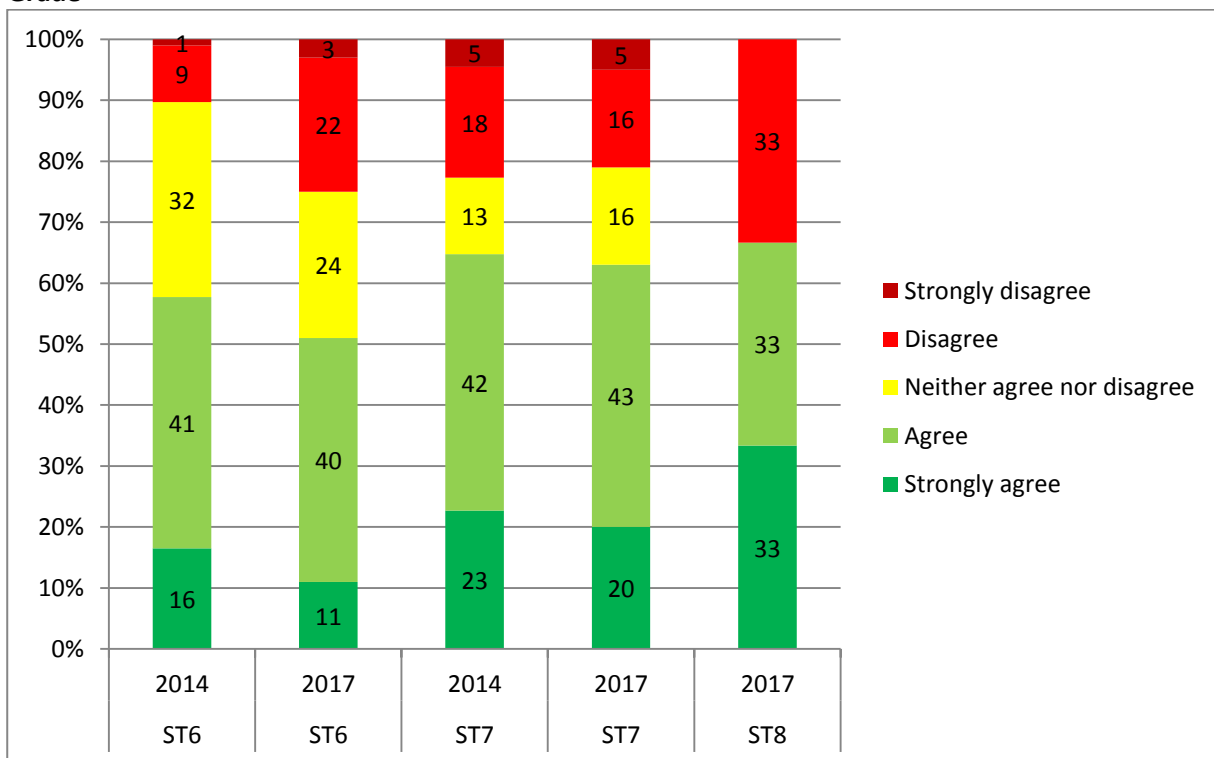
I could easily complete all my competencies in ST3 to 5

(This question was presented to trainees of the following grades: ST6, ST7, ST8) 2017 n Range: 178

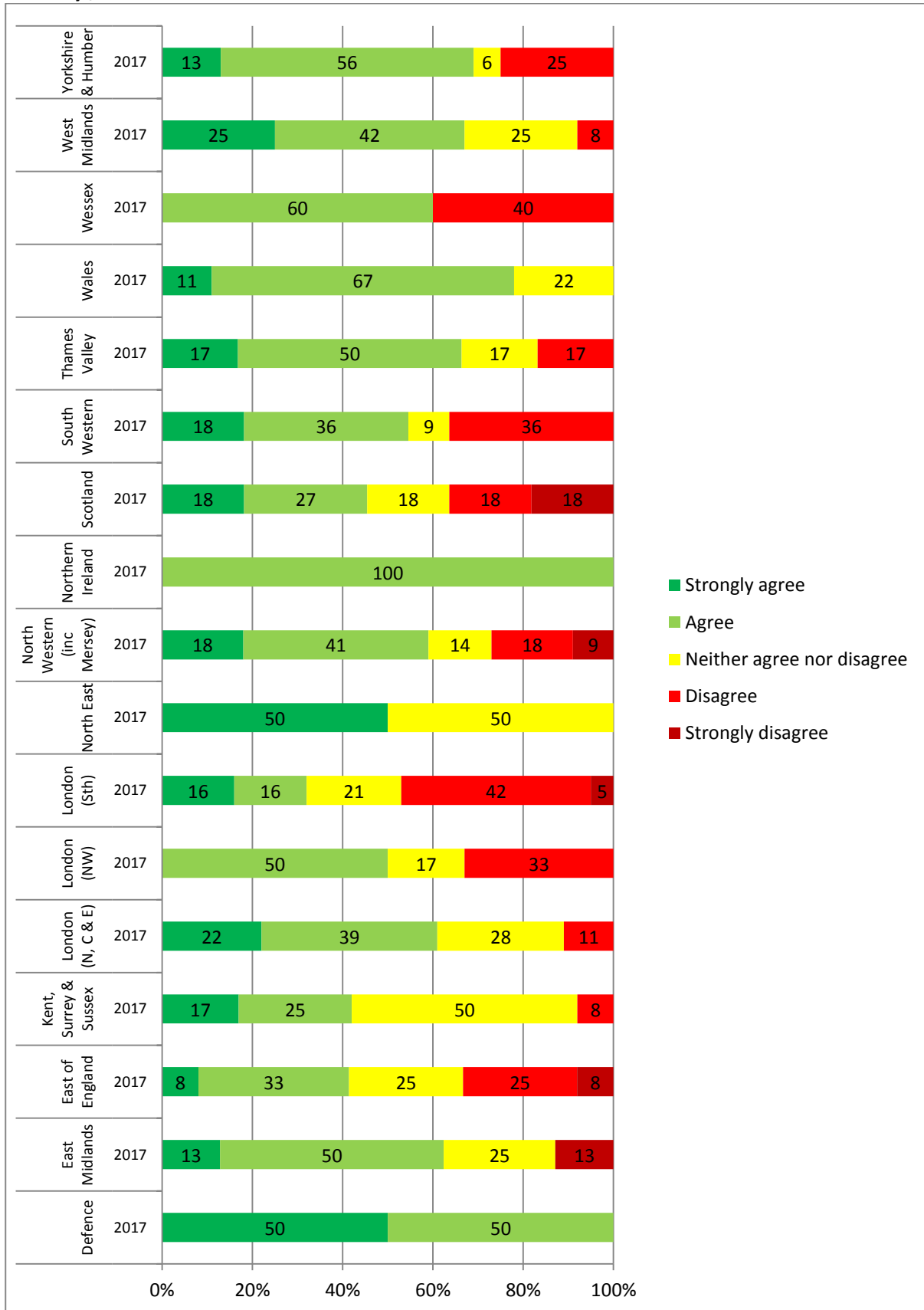
All trainees



Grade

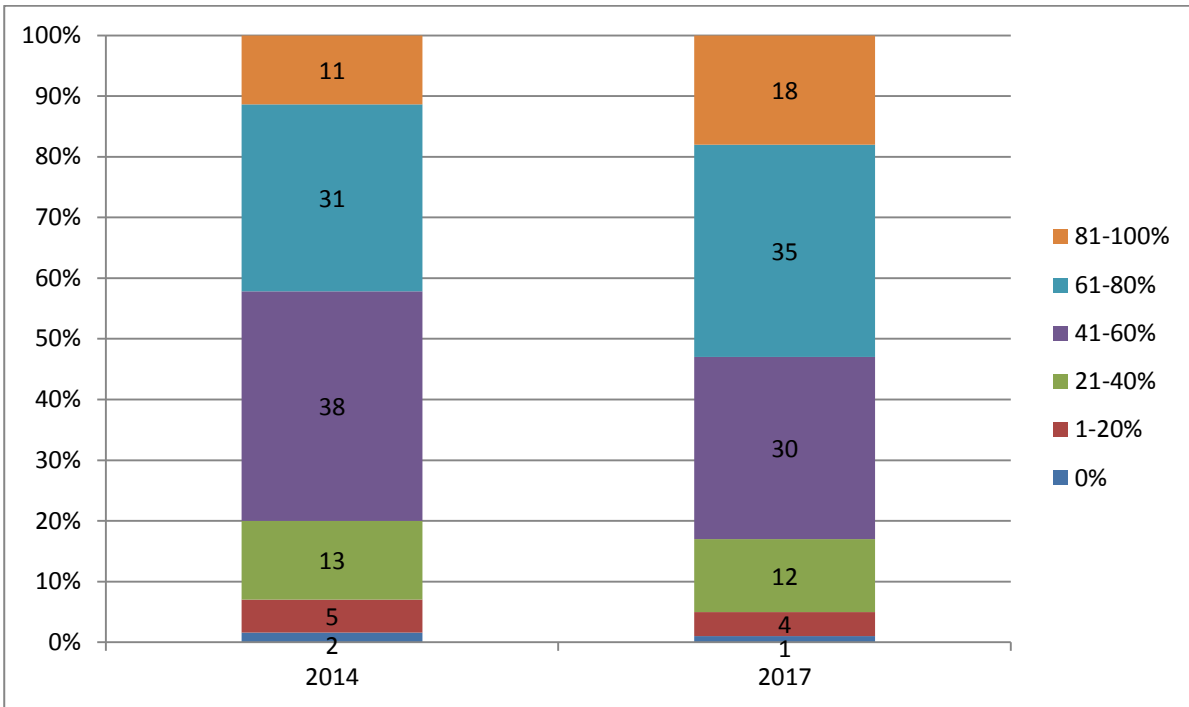


Deanery / LETB

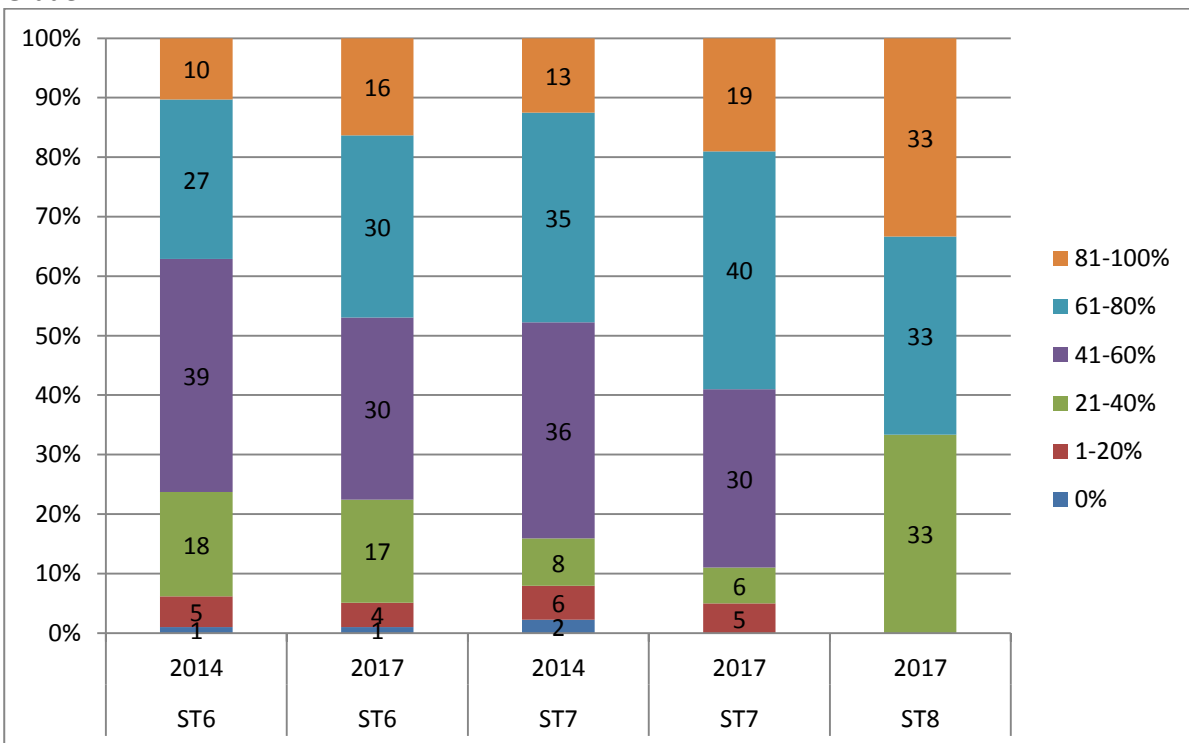


Q5. On average, what proportion of your working time involves training in your advanced modules?
 (This question was presented to trainees of the following grades: ST6, ST7, ST8) 2017 n Range: 178

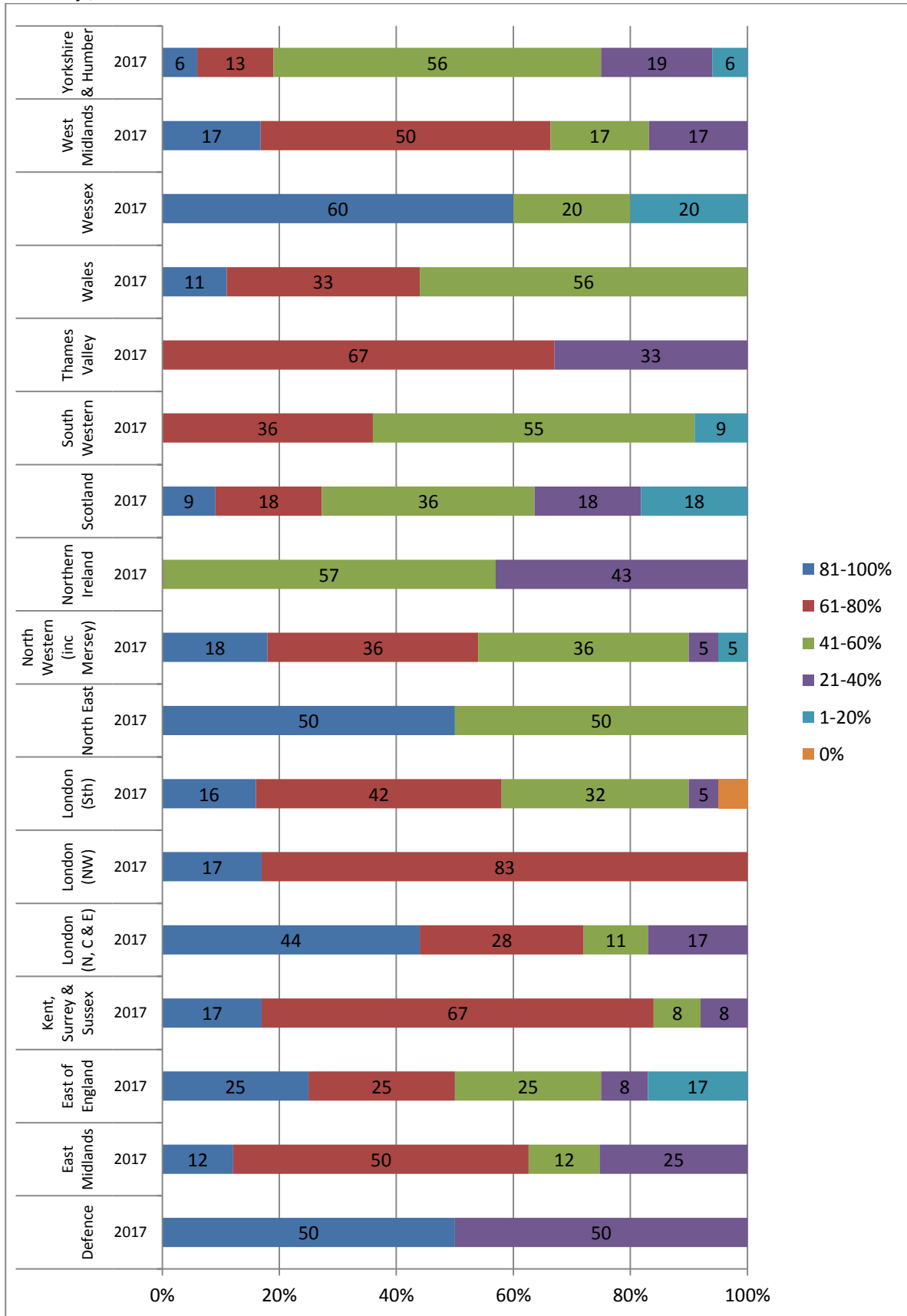
All trainees



Grade



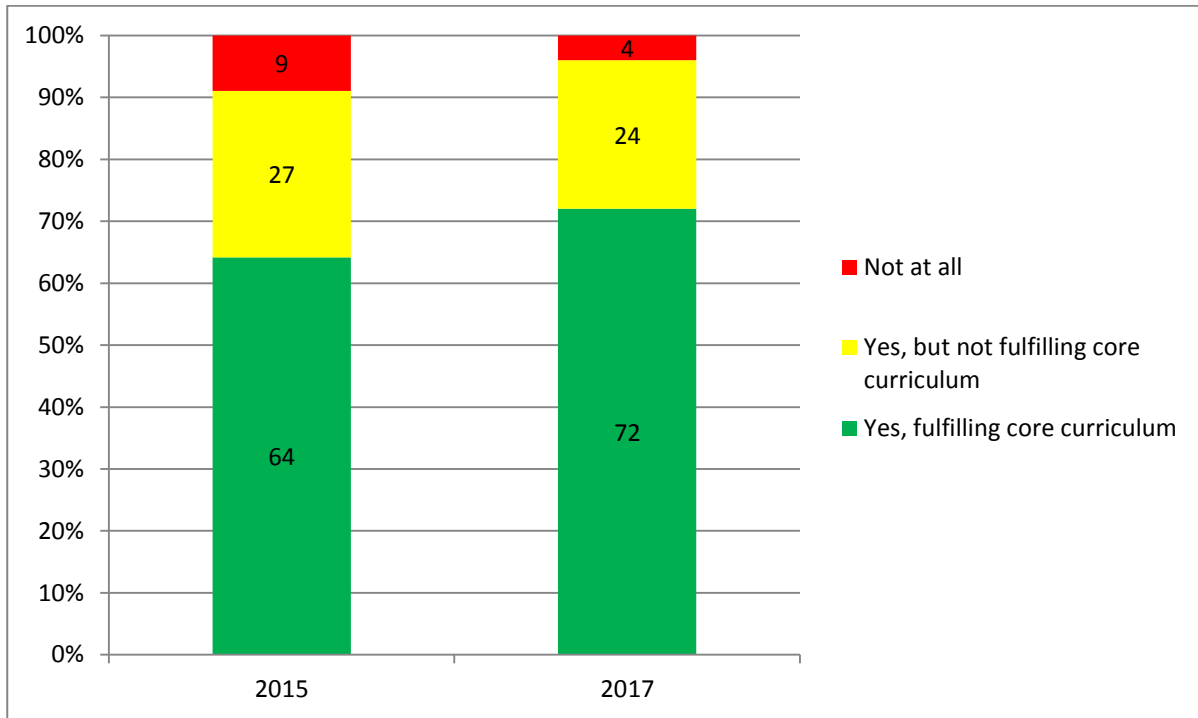
Deanery / LETB



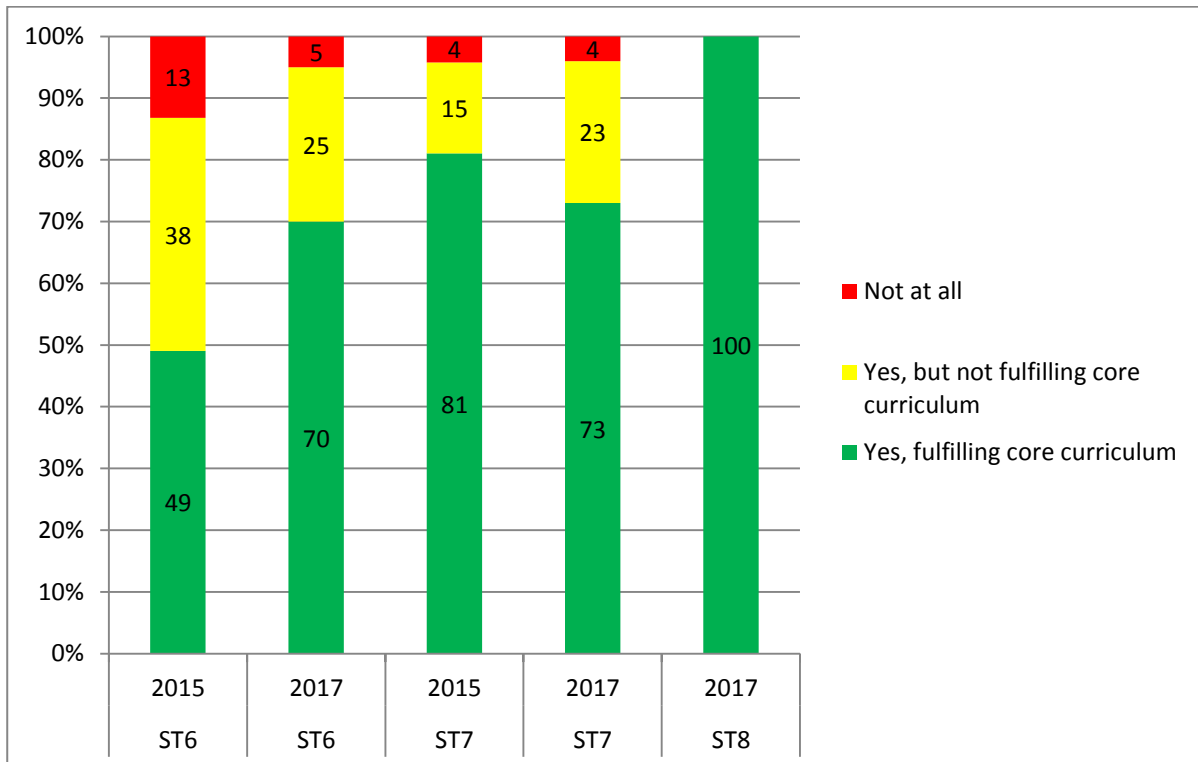
Q6. Have you been exposed to pregnant patients with heart disease in a clinical environment which facilitated training?

(This question was presented to trainees of the following grades: ST6, ST7, ST8) 2017 n Range: 178

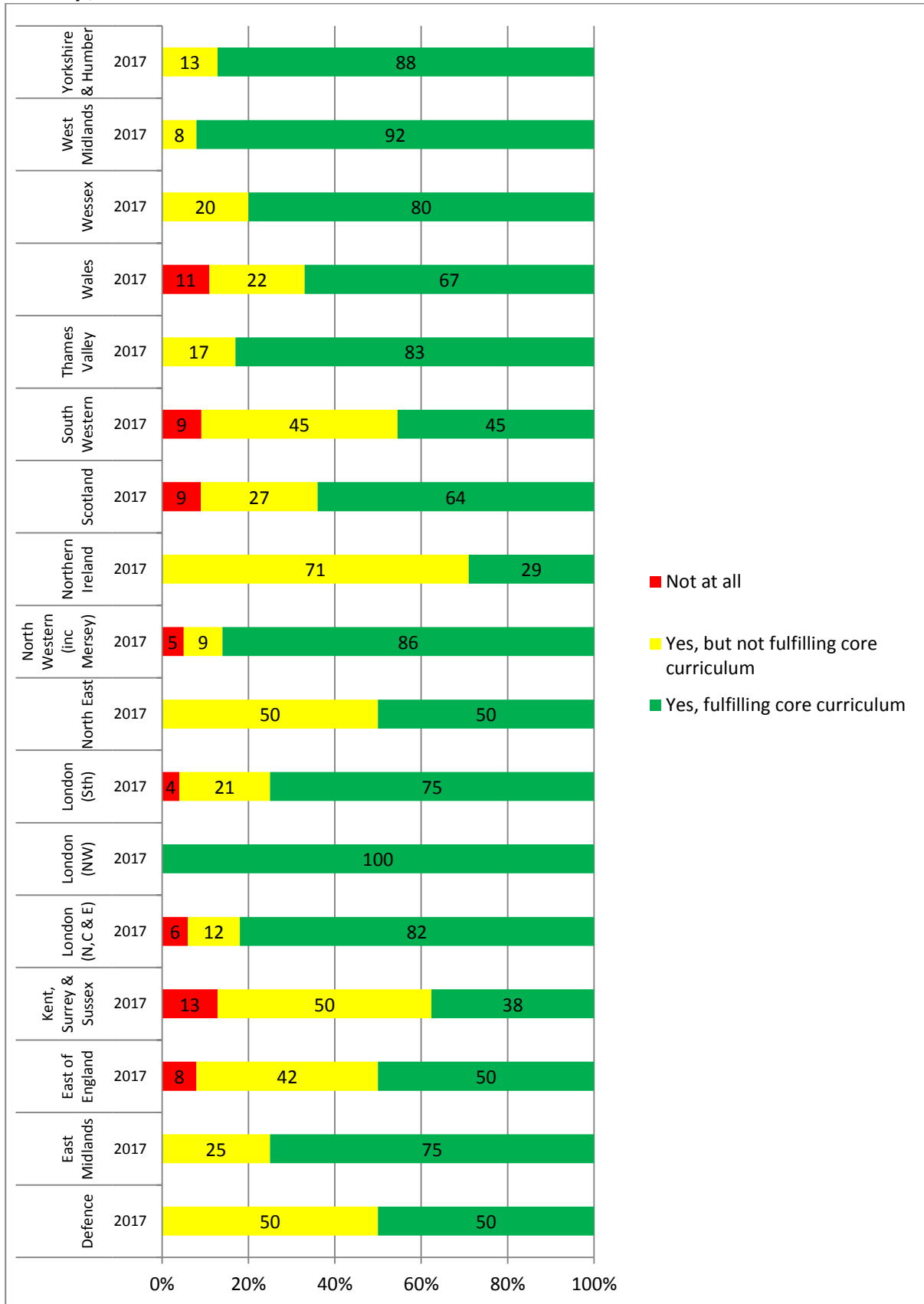
All trainees



Grade

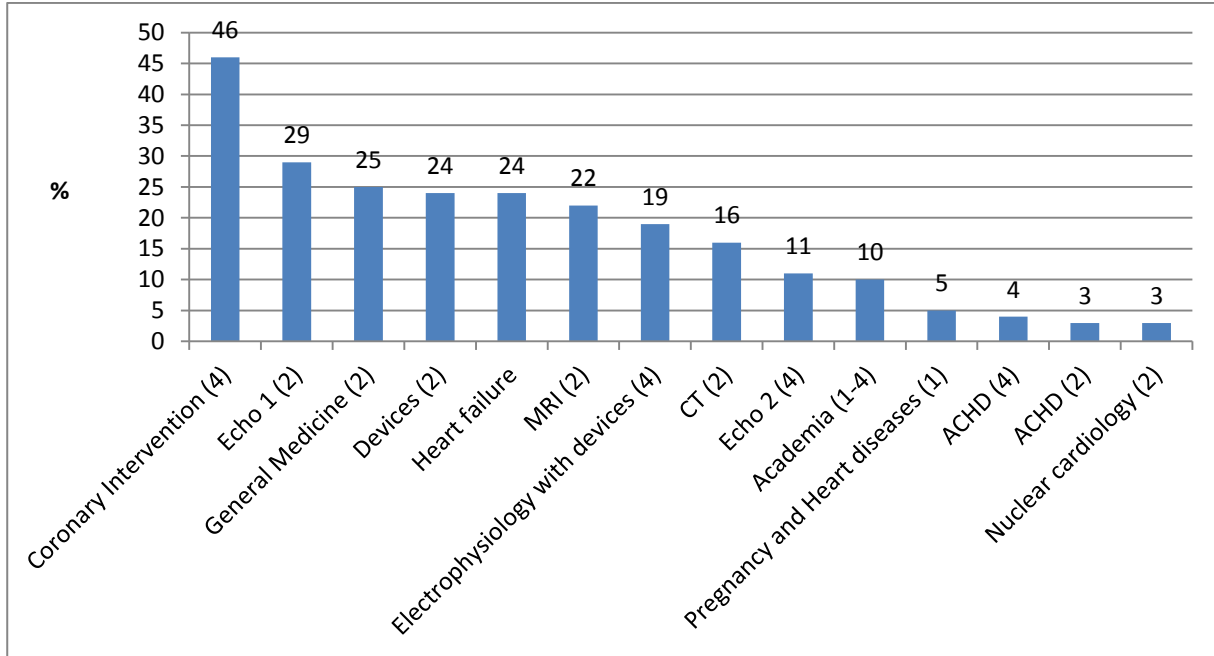


Deanery / LETB

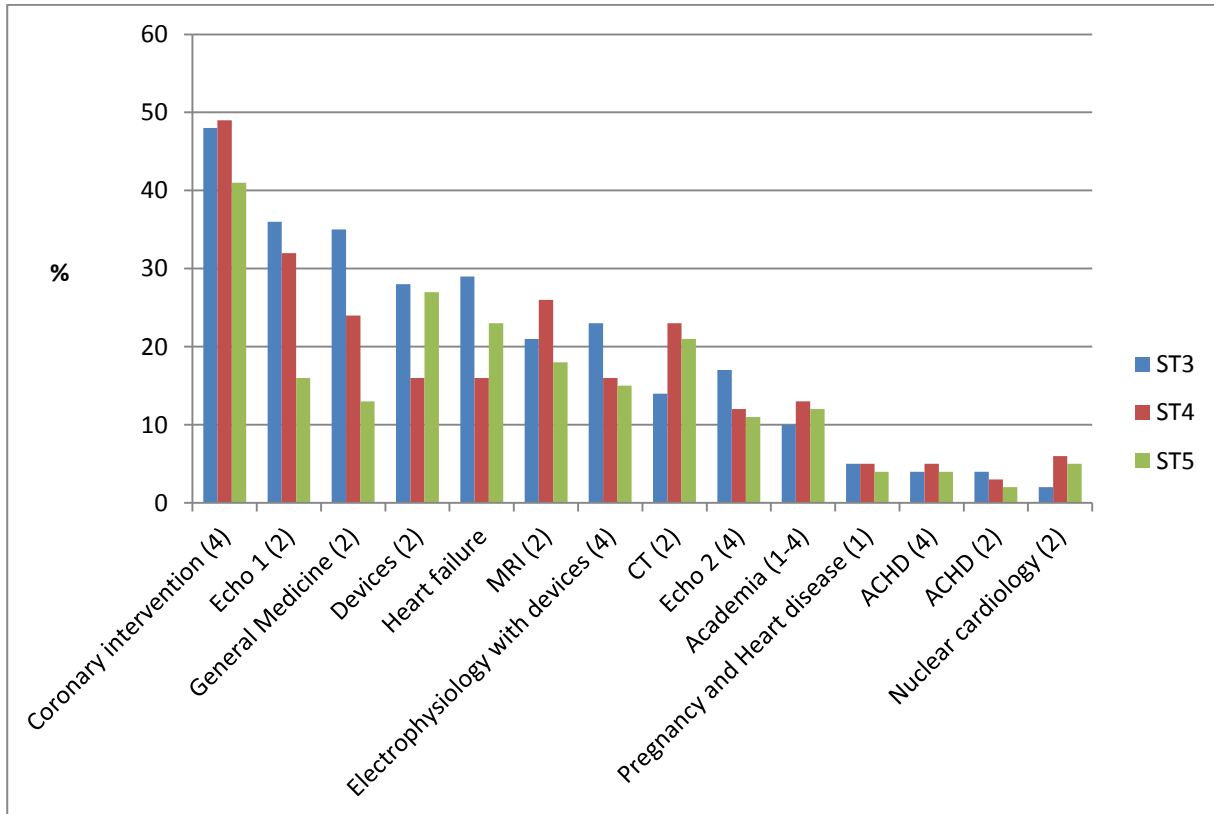


Q7. Please select your likely advanced modules so that they add up to 4 or 5 units (select all that apply)
 (This question was presented to trainees of the following grades: ST3, ST4, ST5) 2017 n Range: 371

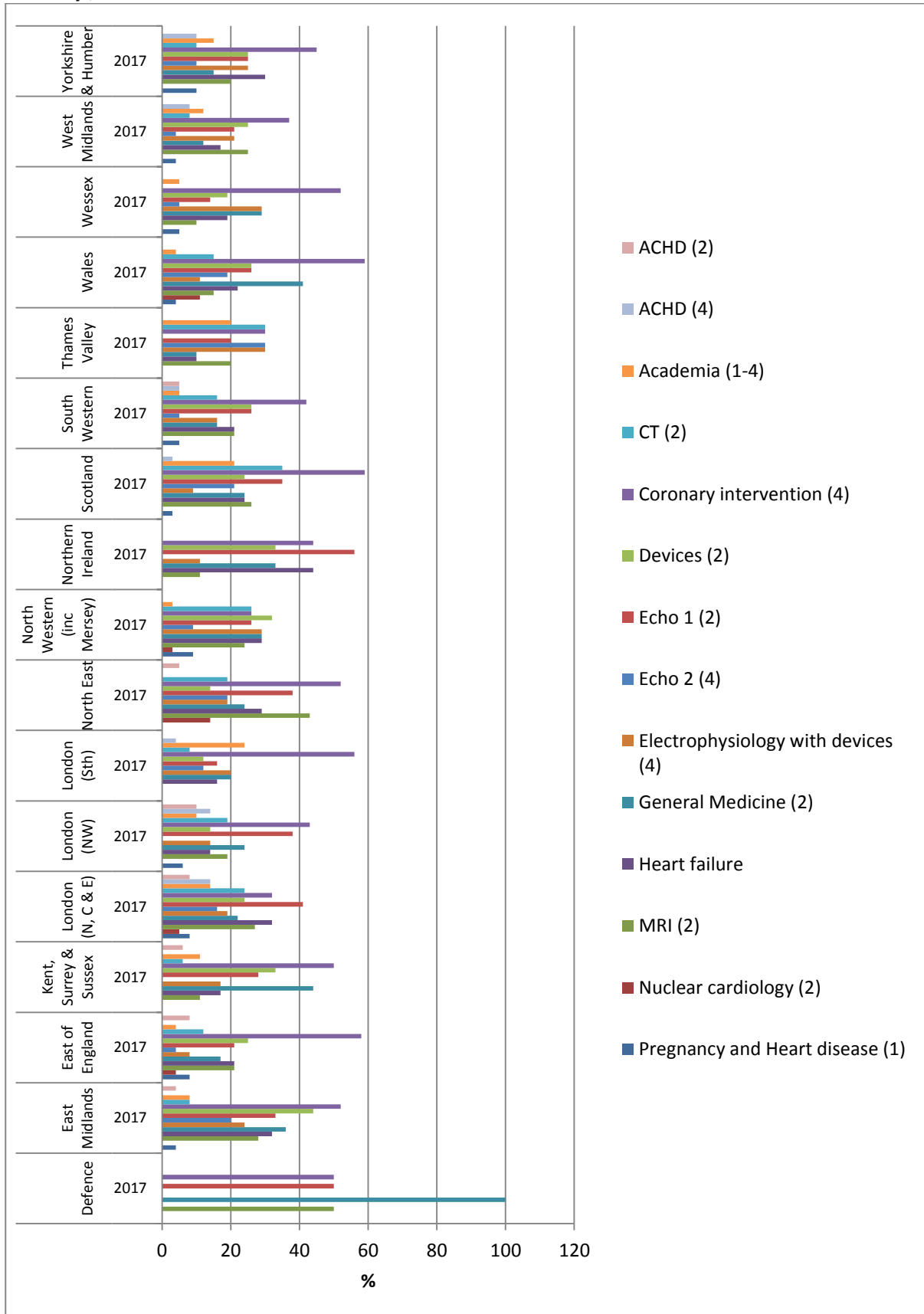
All trainees



Grade



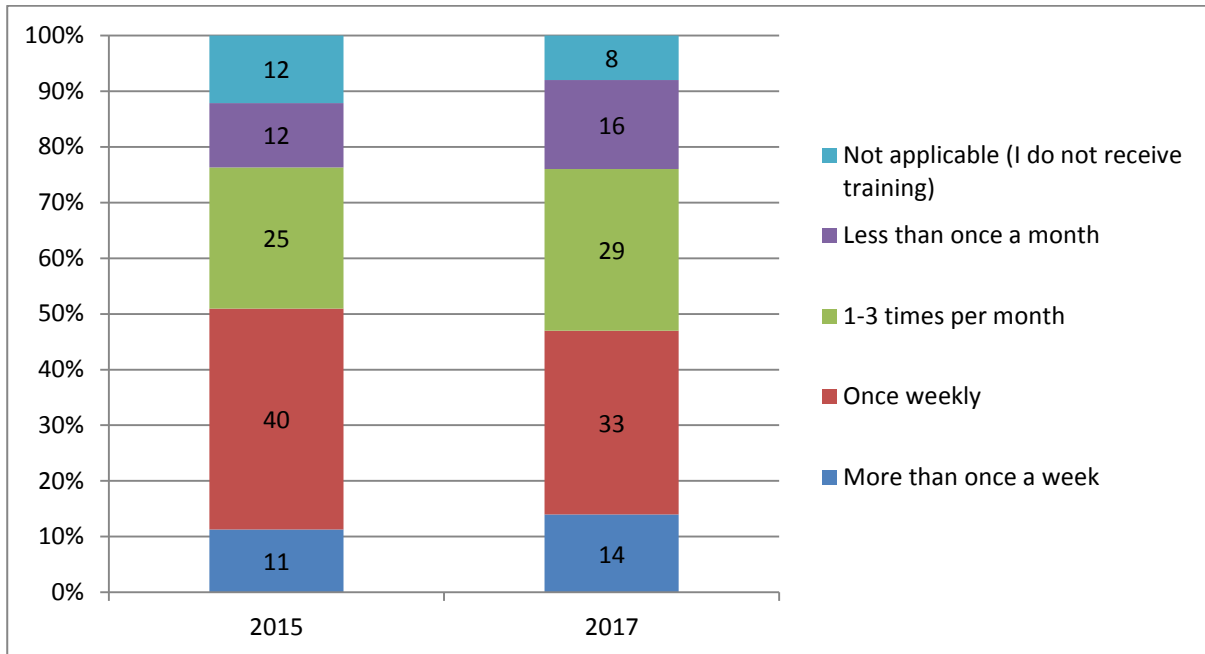
Deanery / LETB



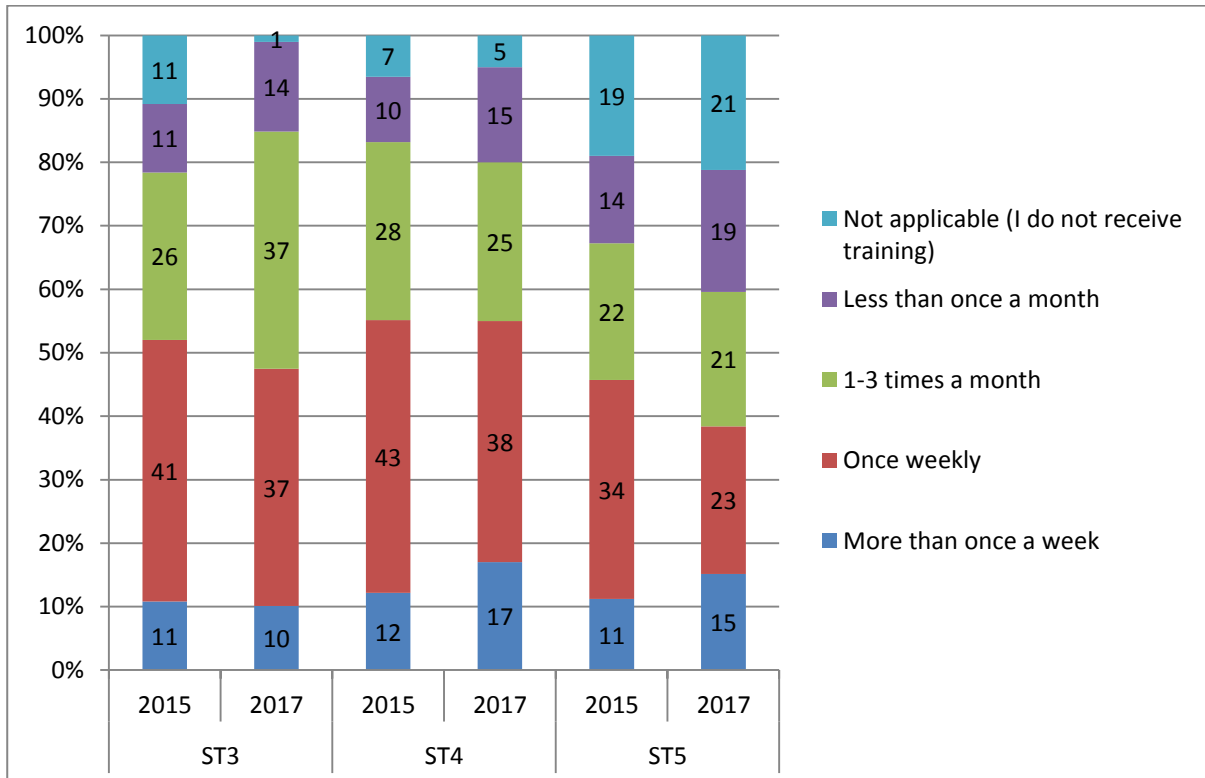
Q8. How often, if at all, do you receive training in echocardiography?

(This question was presented to trainees of the following grades: ST3, ST4, ST5) 2017 n Range: 371

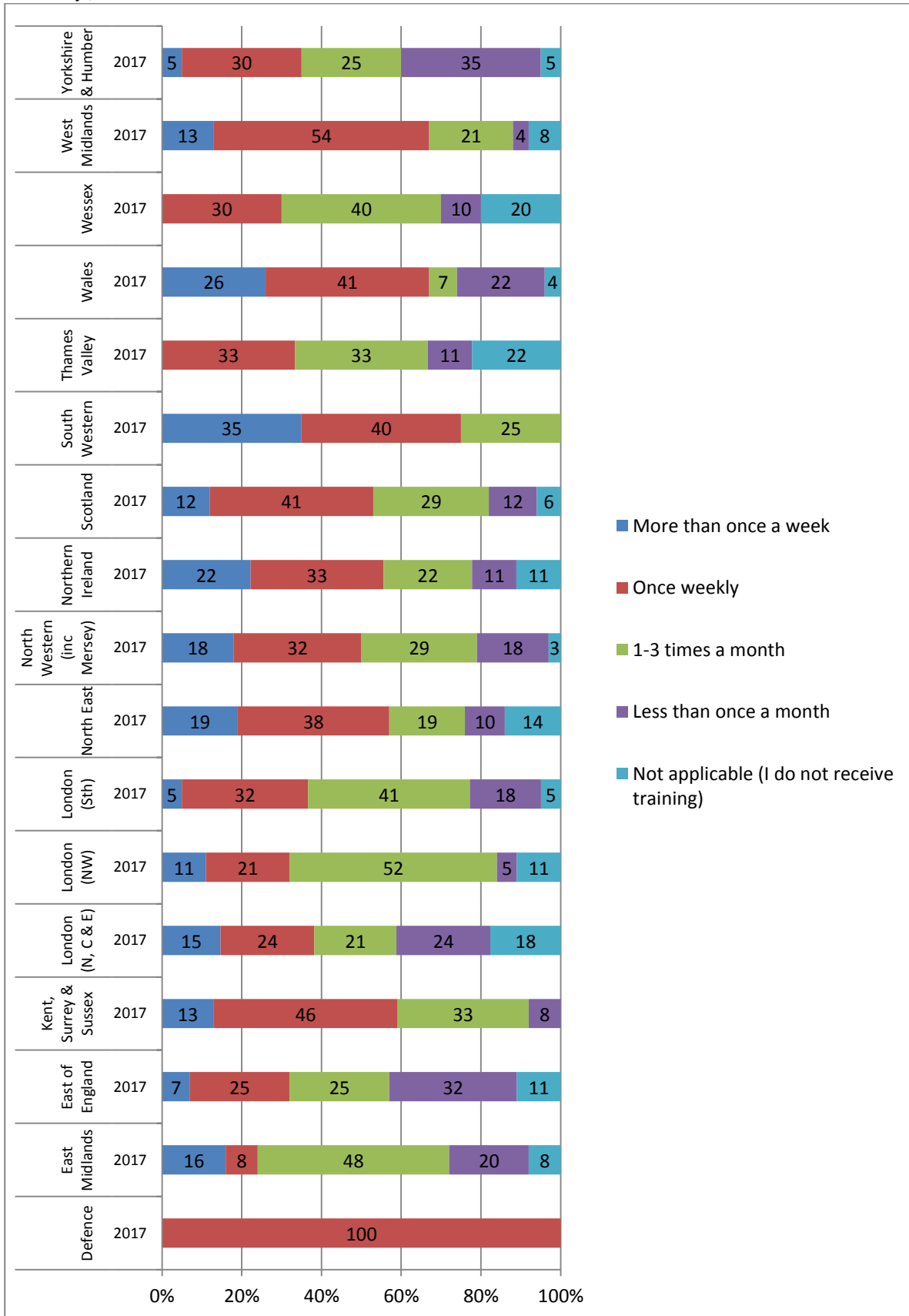
All trainees



Grade



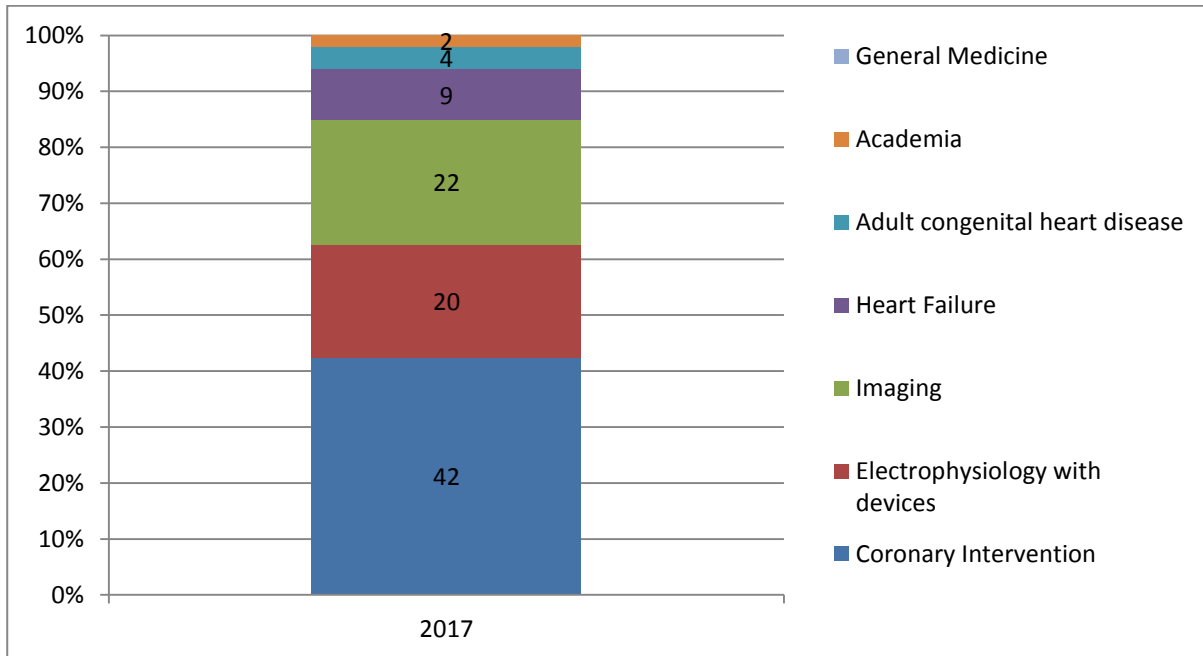
Deanery / LETB



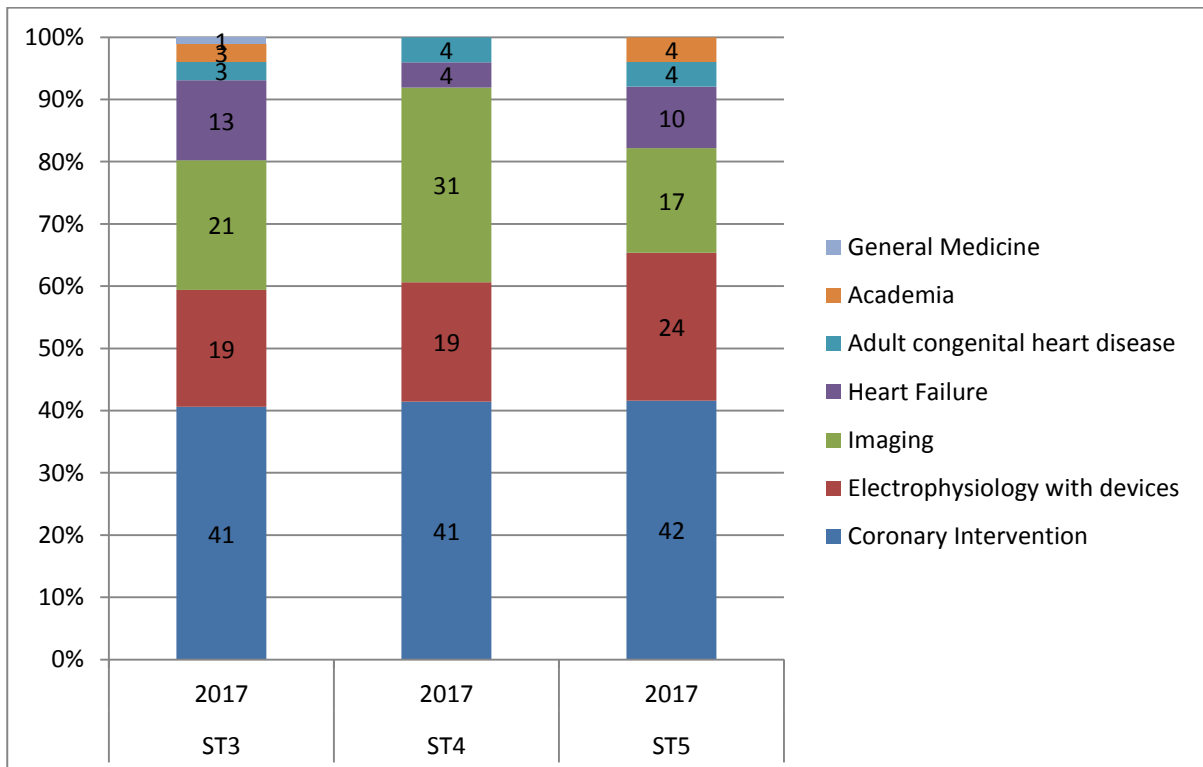
Q9. What do you anticipate will be your first choice advanced module in ST6 and 7?

(This question was presented to trainees of the following grades: ST3, ST4, ST5) 2017 n Range: 371

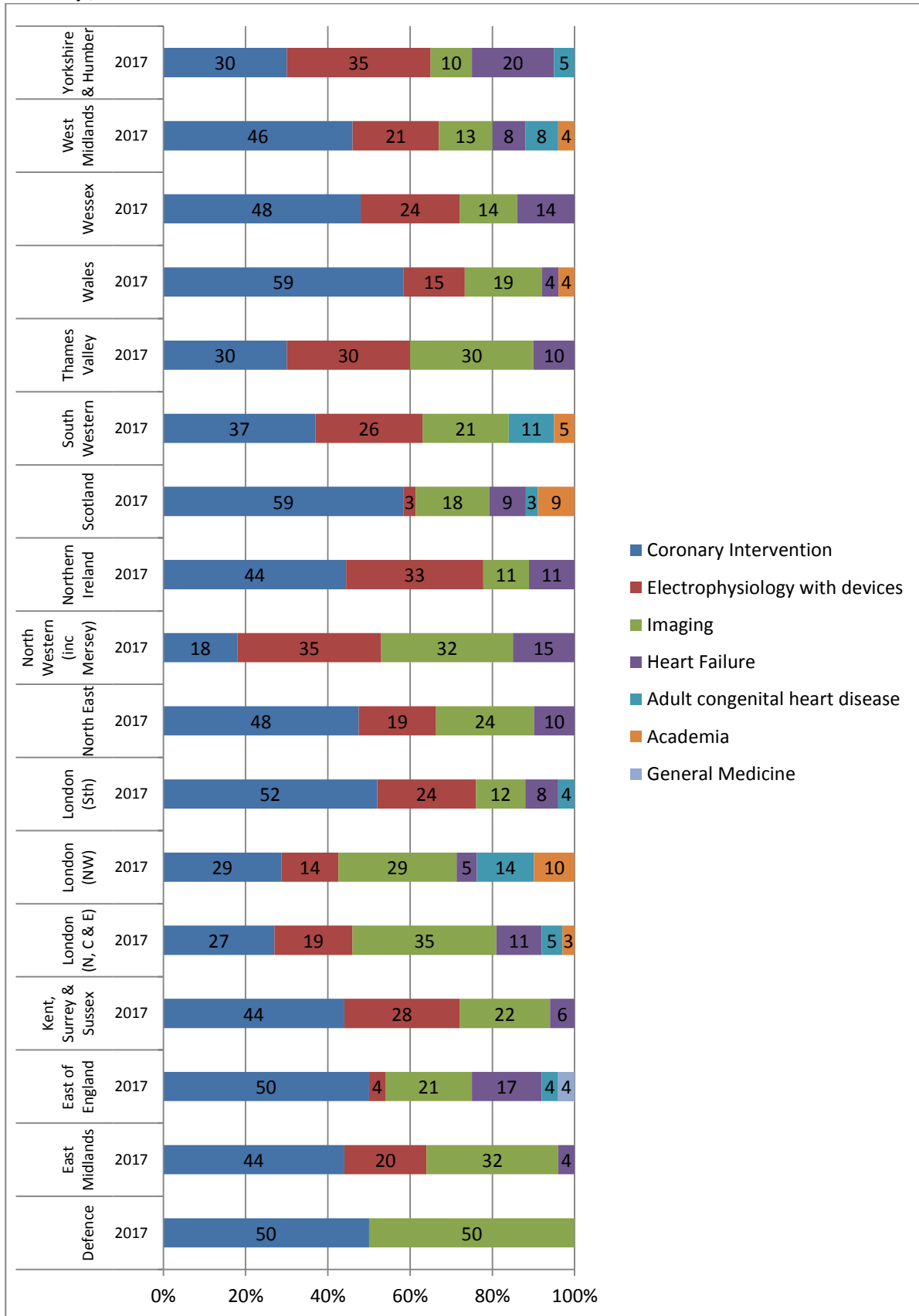
All trainees



Grade



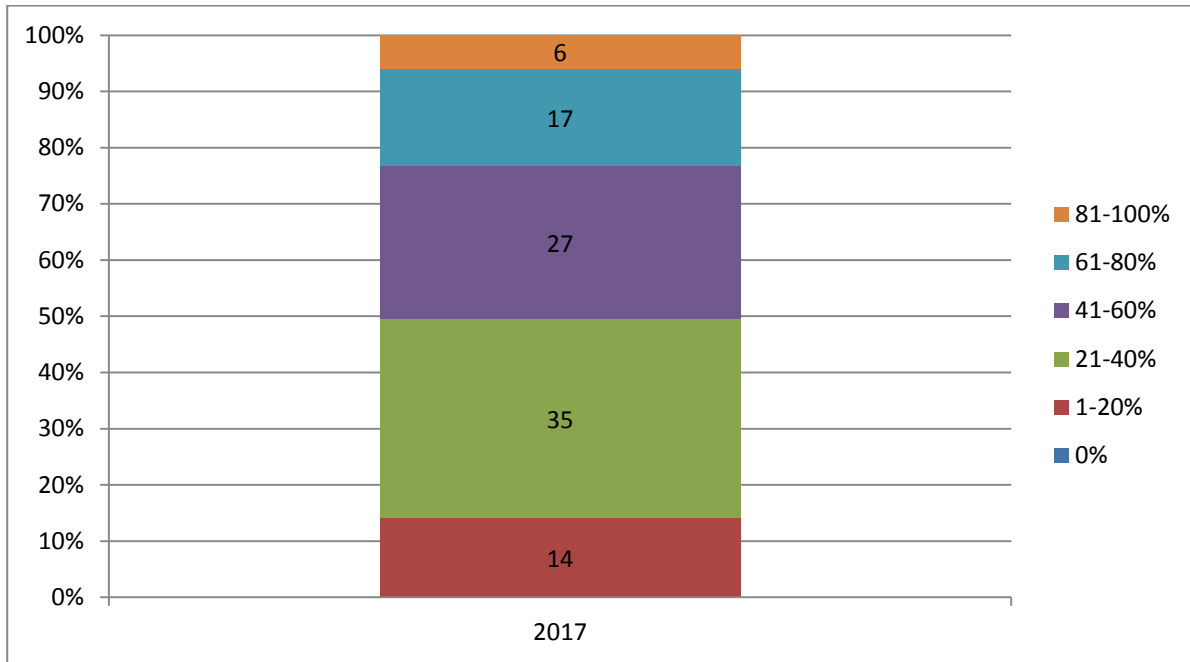
Deanery / LETB



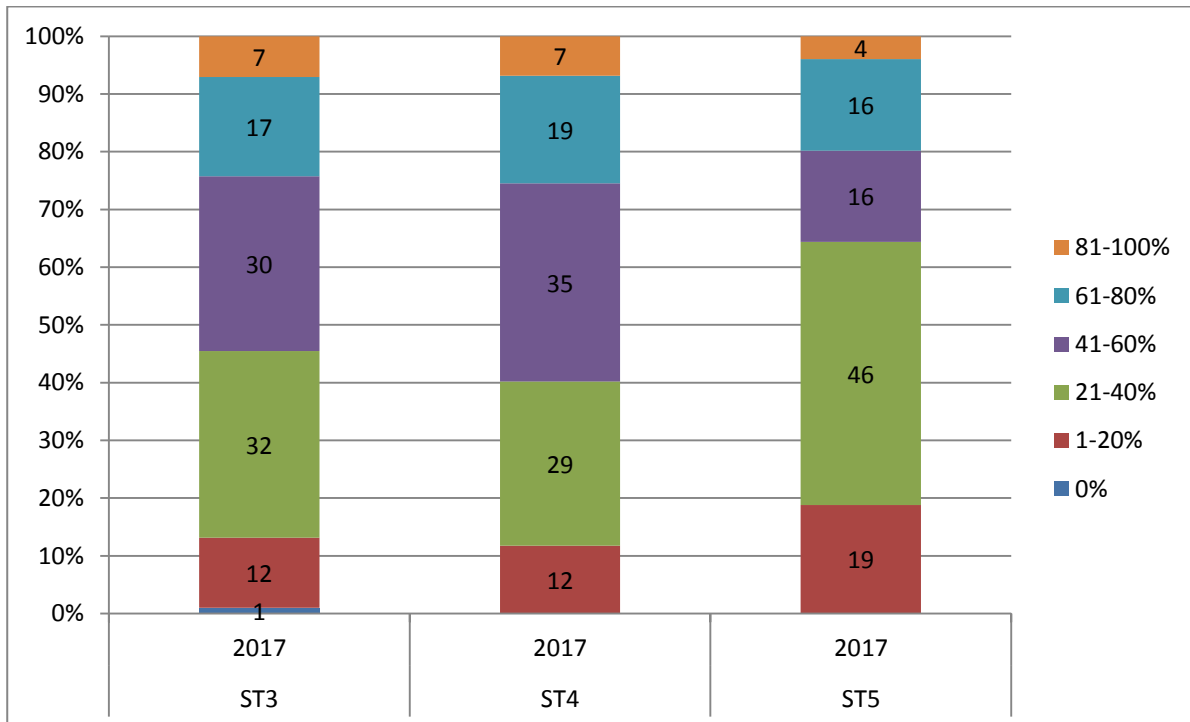
Q10. On average, what proportion of your time involved managing cardiac patients in an acute setting (CCU, A&E, Acute Medical Unit)?

(This question was presented to trainees of the following grades: ST3, ST4, ST5) 2017 n Range: 371

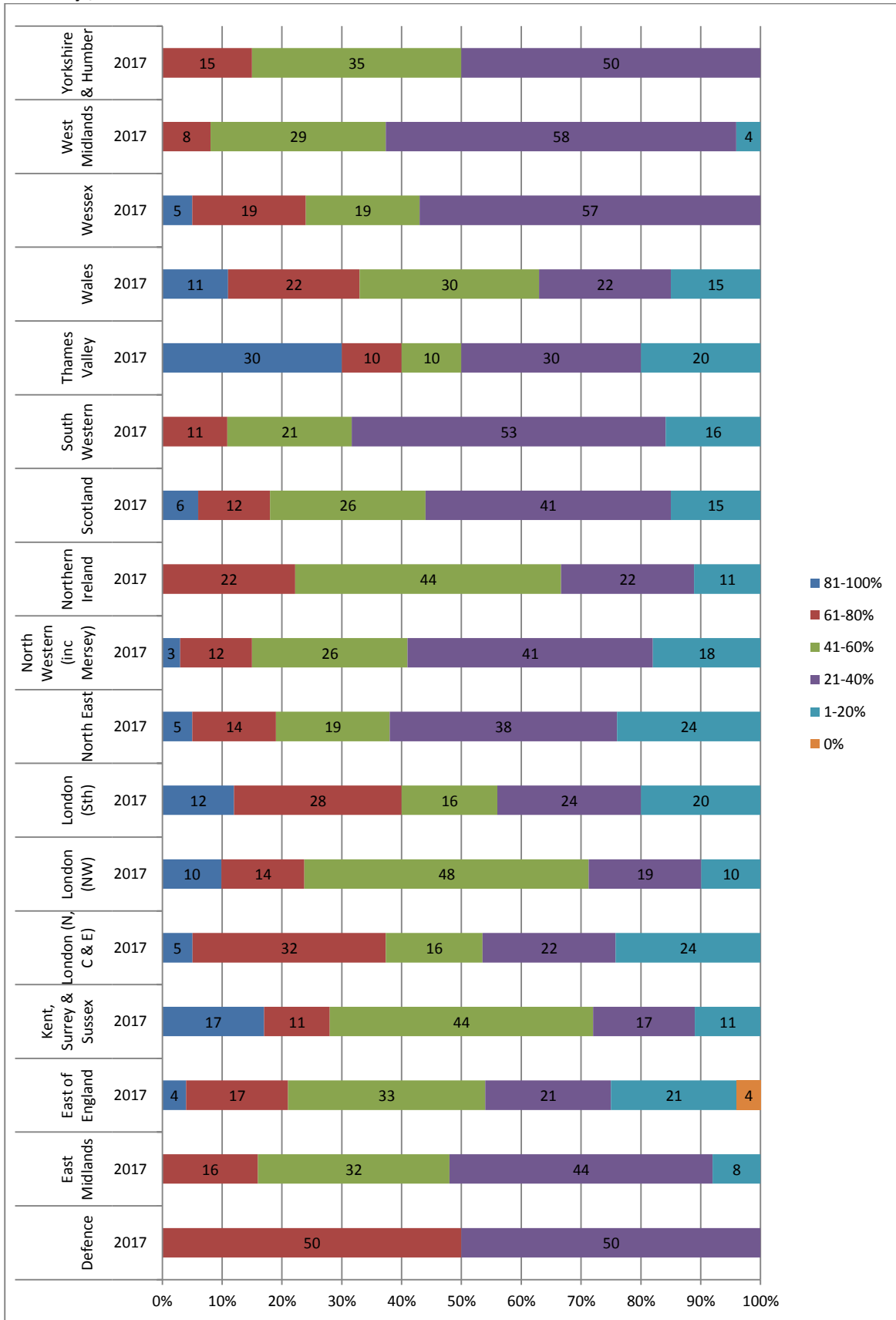
All trainees



Grade



Deanery / LETB

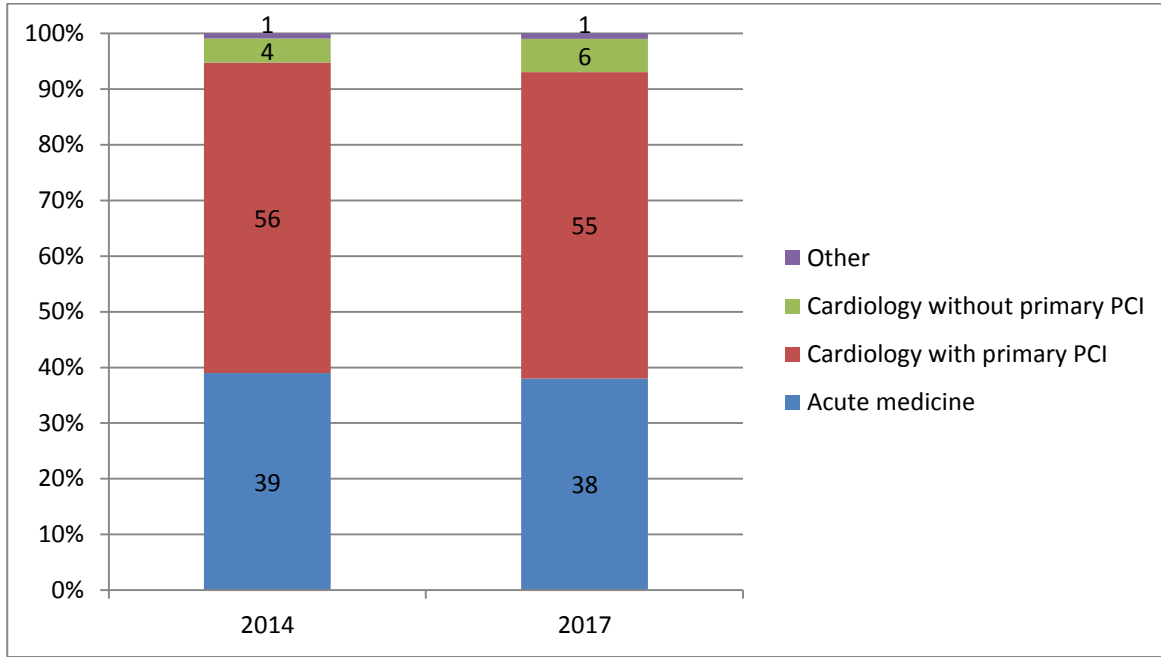


Q11. In which area do you usually work when you are on call?

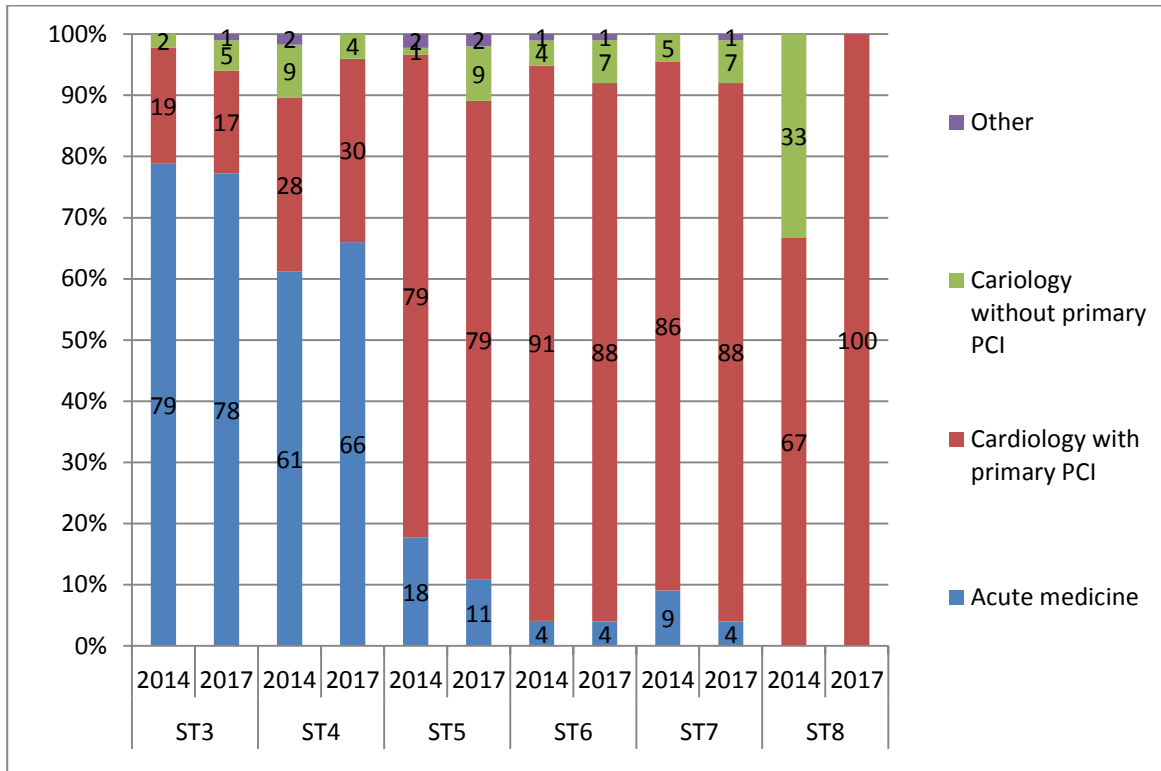
(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8)

2017 n Range: 549

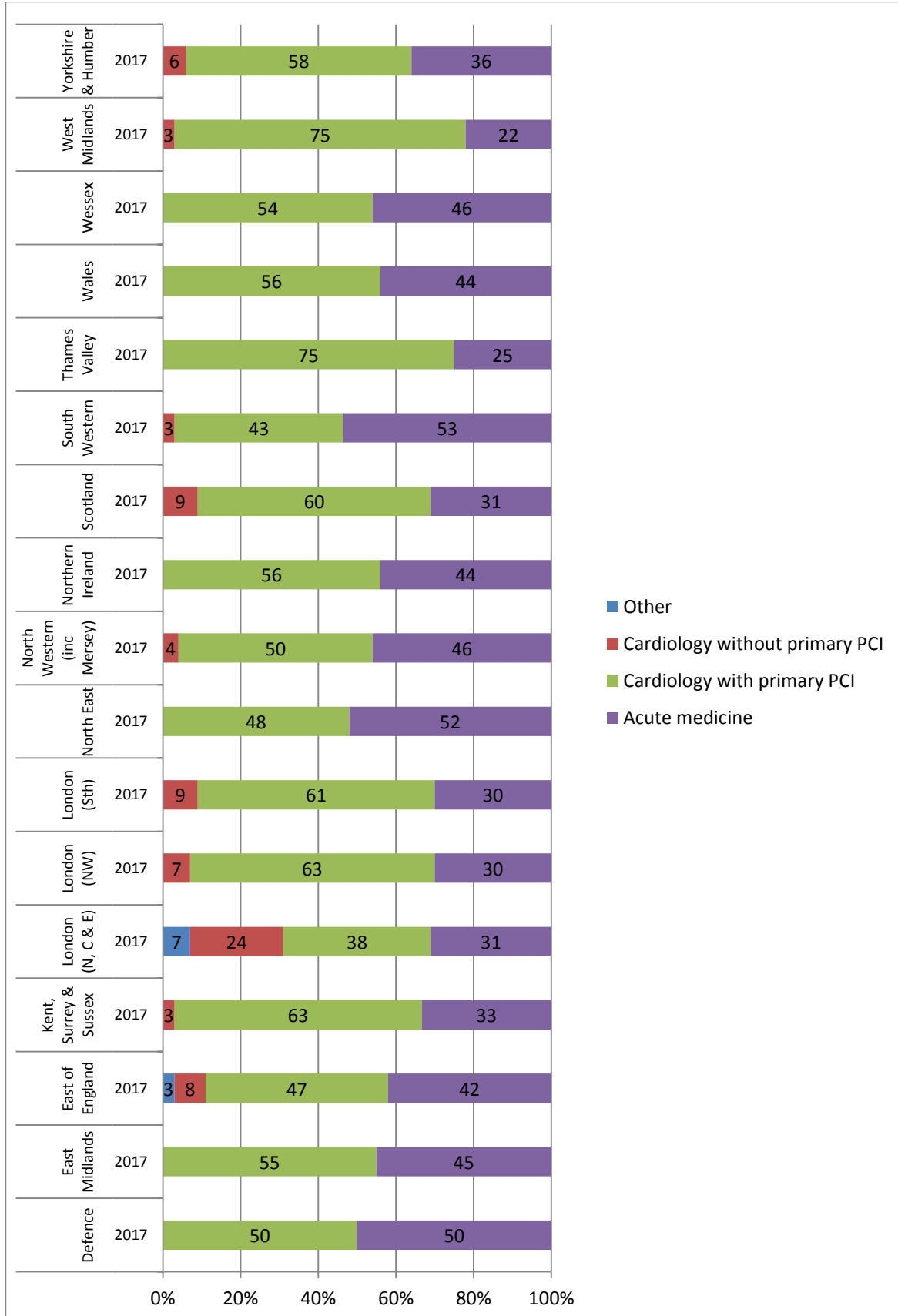
All trainees



Grade



Deanery / LETB



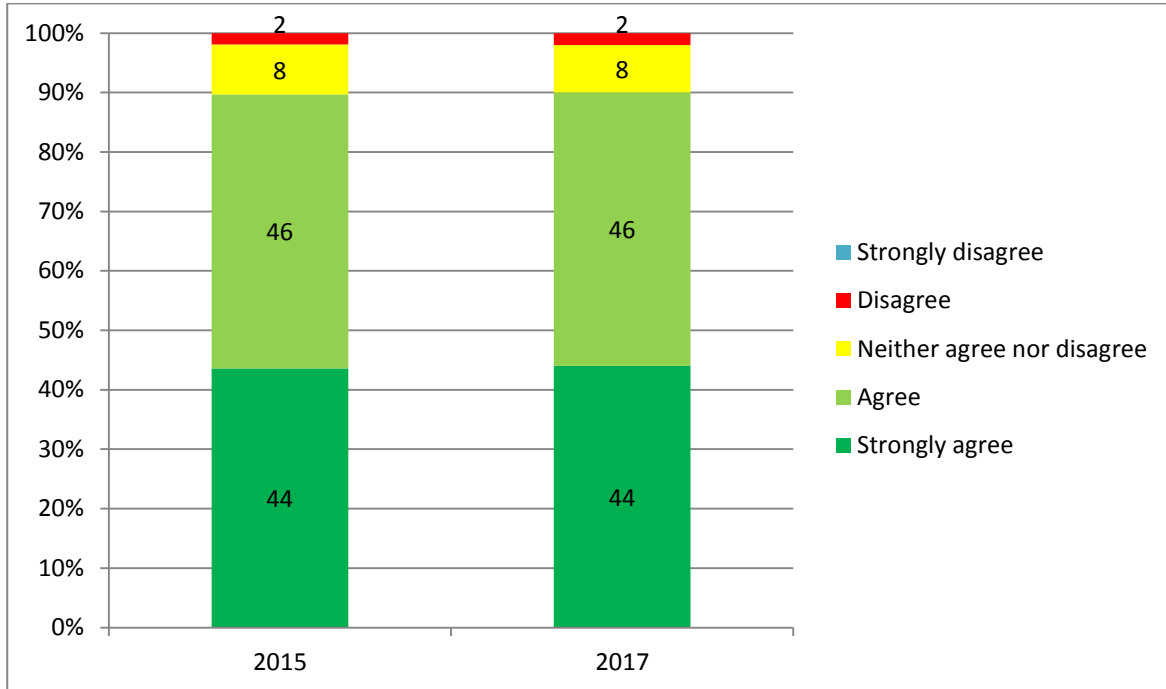
Q12. Please indicate how much you agree or disagree with the following statement.

I am able to meet with an educational supervisor at appropriate times who understands the curriculum.

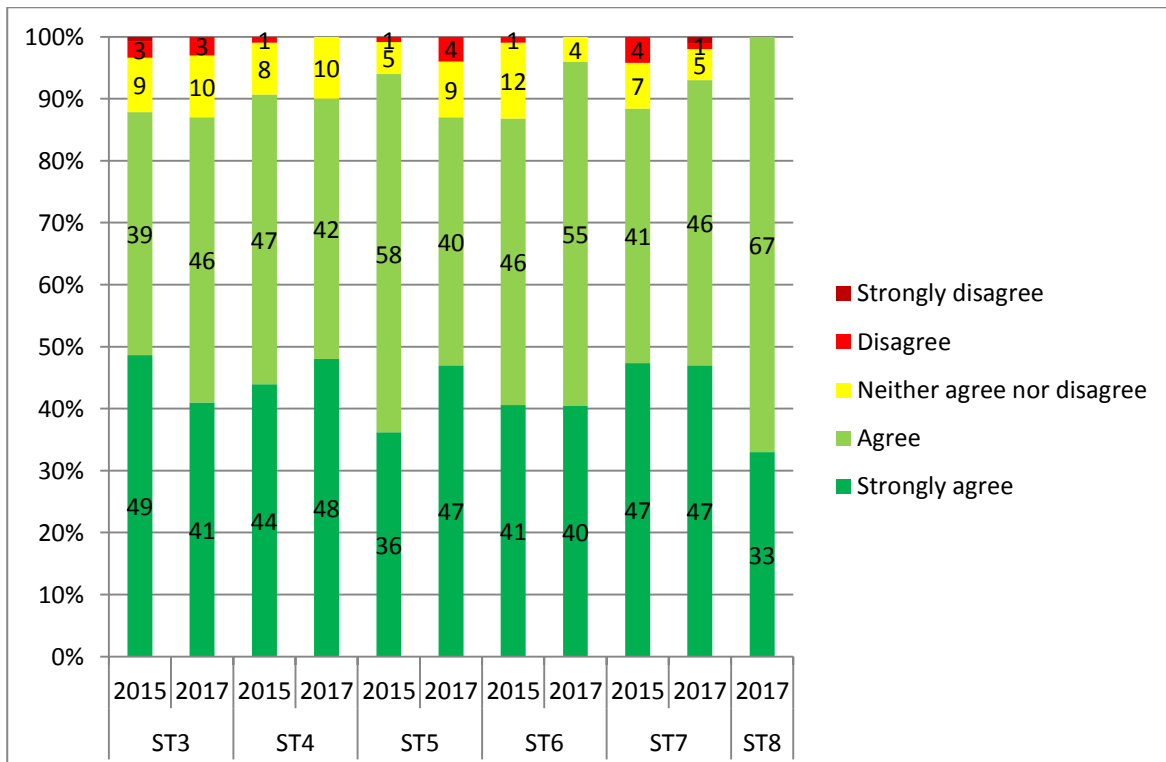
(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8)

2017 n Range: 549

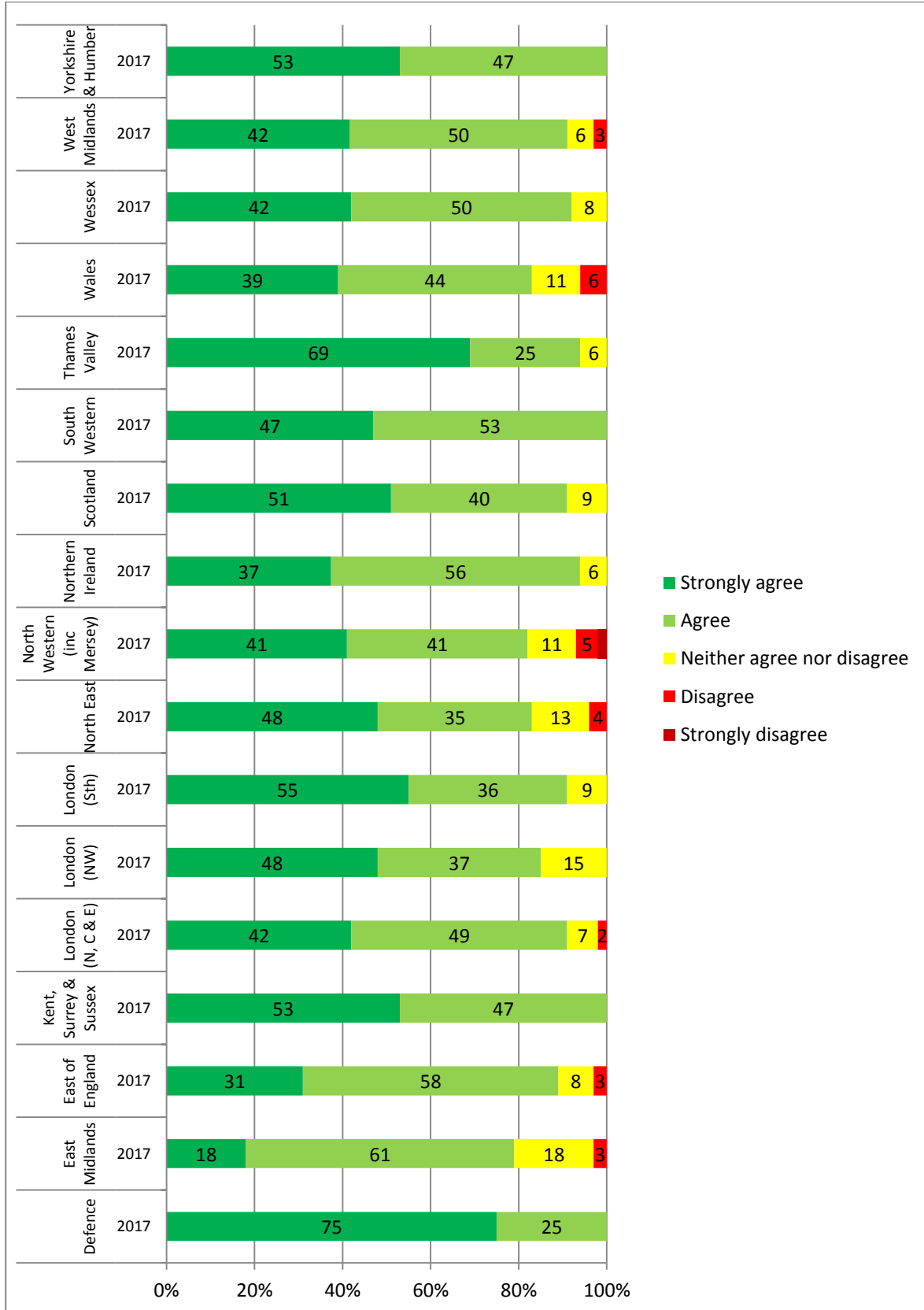
All trainees



Grade



Deanery / LETB



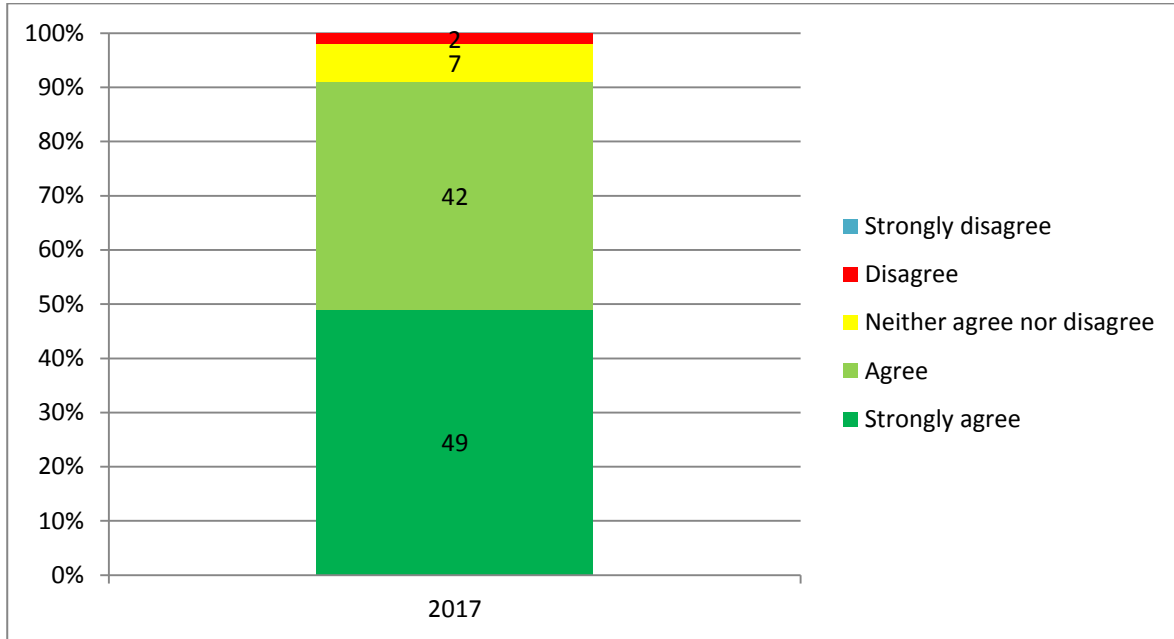
Q13. To what extent do you agree with the following statement?

My educational supervisor fully understands my curricular training needs.

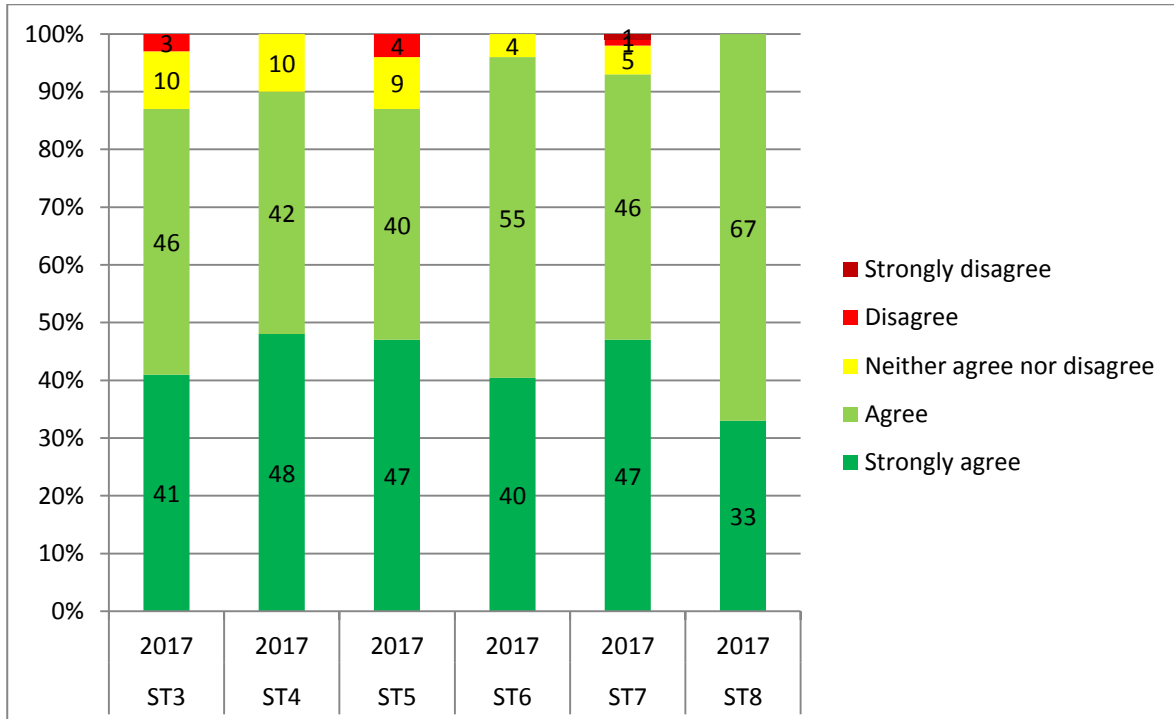
(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8)

2017 n Range: 549

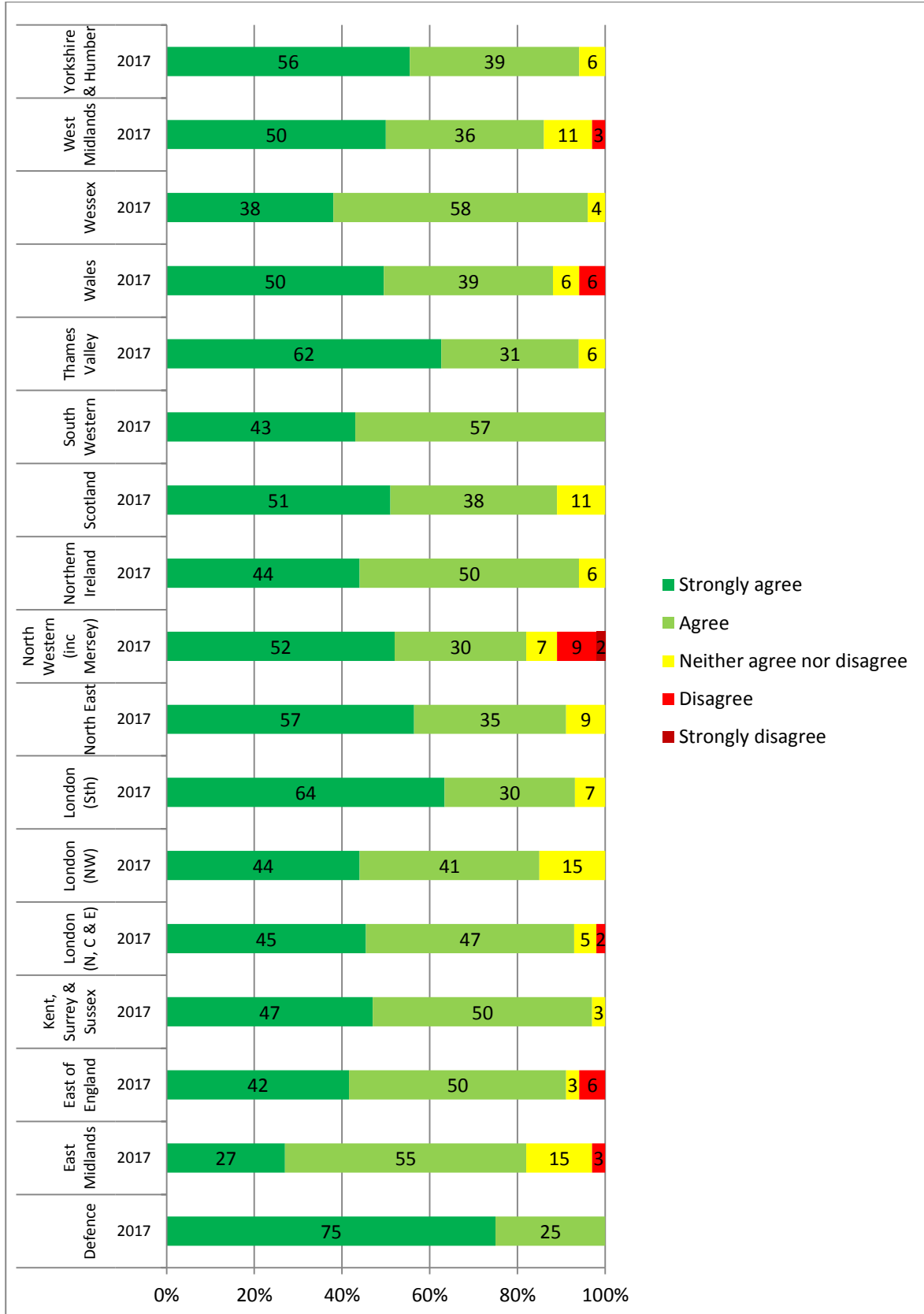
All trainees



Grade



Deanery / LETB

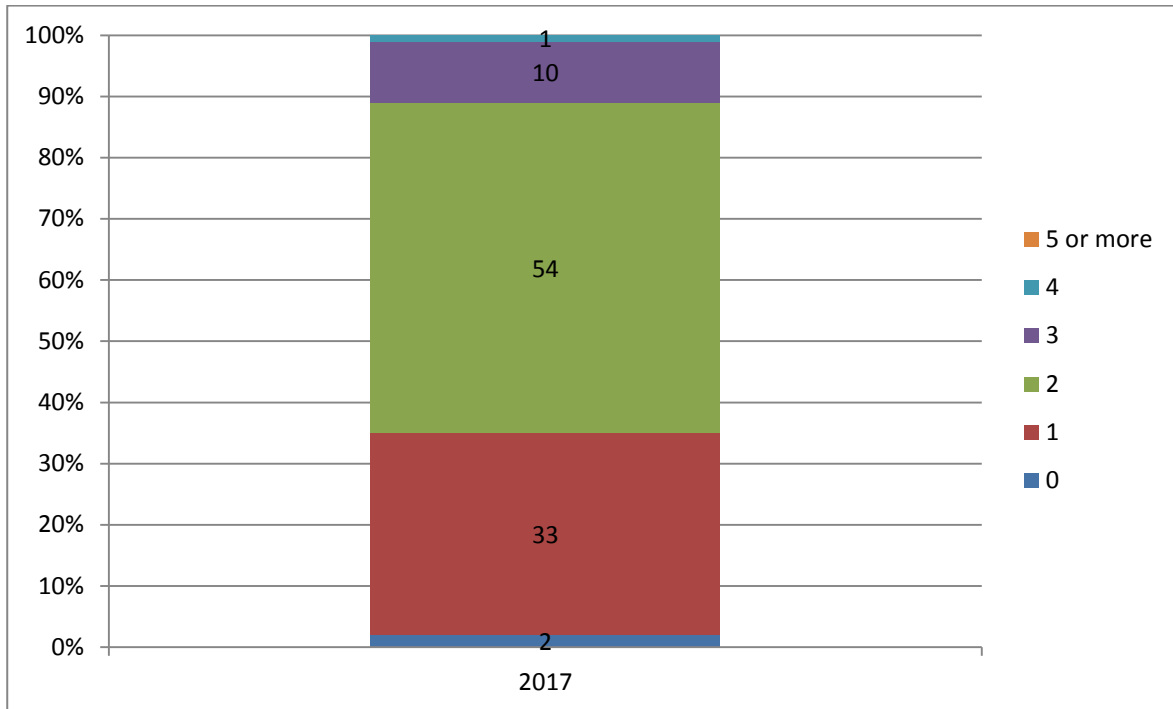


Q14. In an average week, how many outpatient clinics do you attend?

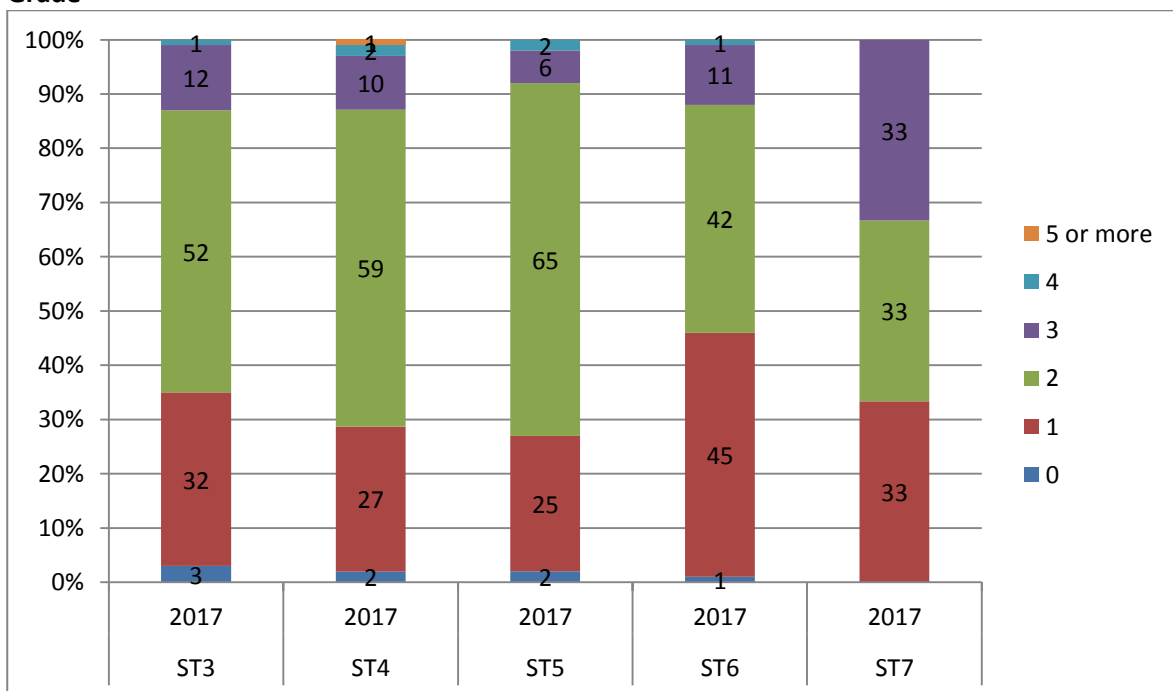
(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8)

2017 n Range: 549

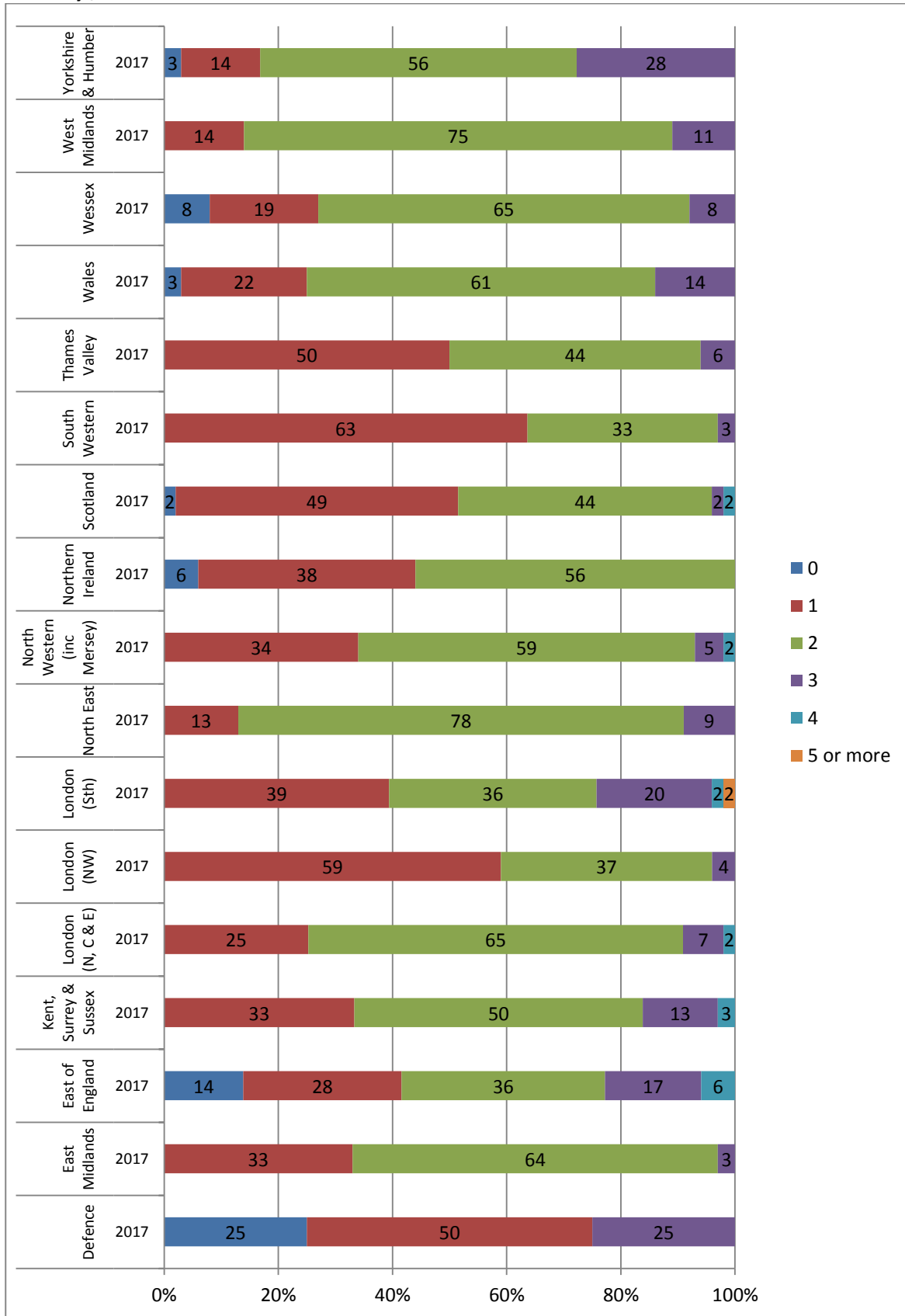
All trainees



Grade



Deanery / LETB

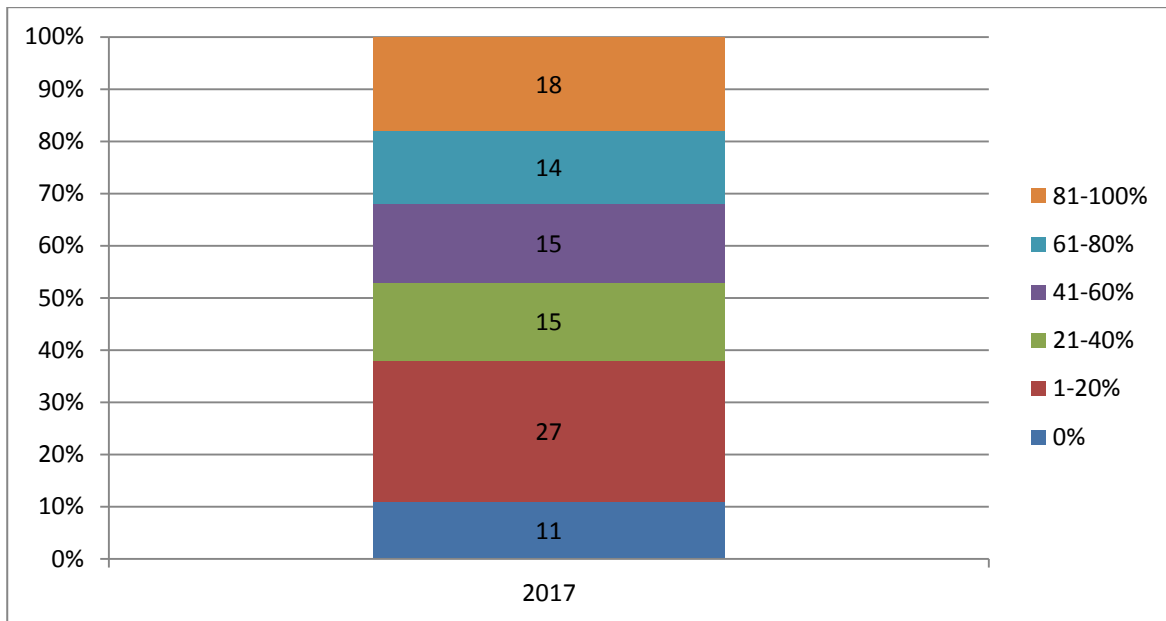


Q15. On average, what proportion of your outpatient time involves consultant delivered, curriculum based supervision and training?

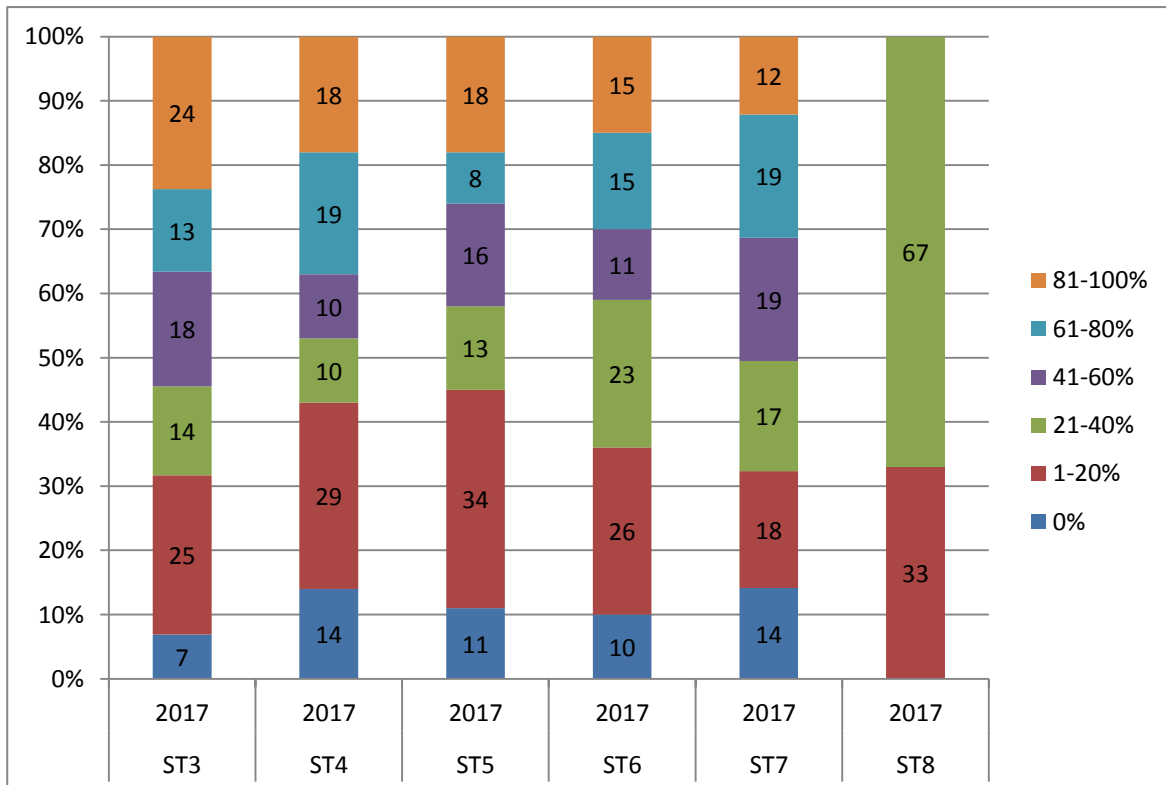
(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8)

2017 n Range: 549

All trainees



Grade



Deanery / LETB

