

2017 NATIONAL TRAINEE SURVEY RESULTS

CLINICAL PHARMACOLOGY AND THERAPEUTICS

SPECIALTY SPECIFIC QUESTIONS

OCTOBER 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.

36 Clinical Pharmacology and Therapeutics trainees (5 ST3, 7 ST4, 7 ST5, 9 ST6, 6 ST7 and 2 ST8 trainees) completed the 2017 survey. This was an increase of 9% (3 trainees) compared to 2016. The numbers of trainees in each Deanery / LETB completing the survey were as follows:

Deanery / LETB	2016	2017	% Difference
Health Education East of England	4	6	+50%
Health Education N, C & E London	7	6	-14%
Health Education North East	<3	0	N/A
Health Education North West	9	6	-33%
Health Education NW London	3	3	+ 0%
Health Education South London	4	6	+33%
Health Education West Midlands	0	<3	N/A
NHS Education for Scotland	3	6	+50%
Wales Deanery	<3	<3	N/A
Total (including n<3)	33	36	+ 9%

Reduction of >10% of trainees completing the NTS in 2017 compared to 2016

A table showing the overall percentage of trainees in agreement with each of the specialty specific questions, the 2016/17 percentage difference, and the regions with the highest and lowest levels of agreement can be found on pages 2 to 6 below.

Specialty Specific Questions – Clinical Pharmacology and Therapeutics

Quality Criteria	% trainees agreeing overall	2016/2017 Difference	Agreement Highest		Agreement Lowest	
Q1: My training in CPT is complemented by my involvement in other specialties (e.g. General Internal Medicine).	83%	-8%	LDN NC&E, NW)	100%	London (S) East of England NW, SCO	50% (3/6) 83% (5/6) 84%
Q2: In this post, which (if any) of the following CPT special interest areas do you have the opportunity to study/undertake (select all that apply)						
• Hypertension	78%	- 7%	East of England	100% (6/6)	London (S)	50% (3/6)
• Research	75%	-16%	North West	100% (6/6)	4/6 regions	67%
• Clinical Trials	56%	- 2%	North West	100% (6/6)	LDN (S), LDN (NW)	33%
• Toxicology	31%	- 2%	3/6 regions	50%	EoE, NW	0% (0/6)
• None:	3%	+ 3%	London (S)	17% (1/6)	5/6 regions	0%
Q3: Which (if any) of the following CPT related service activities have you been involved with in the last 12 months? (select all that apply)						
• Audit projects	67%	+ 6%	North West	83% (5/6)	4/6 regions	67%
• D/T committee	67%	+19%	London (NW)	100% (3/3)	NW, SCO	33% (2/6)
• Clinical guidance development/review	50%	+15%	Scotland	83% (5/6)	North West	17% (1/6)
• Formulary committee	39%	+ 3%	LDN (NW), (N,C&E)	67%	North West	0% (0/6)
• Area prescribing committee	33%	- 5%	LDN (S)	67% (4/6)	EoE, NW	17% (1/6)
• Electronic prescribing development	19%	+10%	LDN (NW), (N,C&E)	33%	North West	0% (0/6)
• Other	19%	+11%	EoE, SCO	33% (2/6)	London (NW)	0% (0/3)
• Research ethics committee	17%	+ 5%	East of England	50% (3/6)	LDN (NW, SCO)	0%
• Medication safety committee	17%	- 4%	3/6 regions	33%	LDN (N,C & E), SCO	0% (0/6)
• Providing advice via Toxbase	14%	+ 5%	Scotland	33% (2/6)	4/6 regions	0%

Specialty Specific Questions – Clinical Pharmacology and Therapeutics

Quality Criteria	% trainees agreeing overall	2016/2017 Difference	Agreement Highest		Agreement Lowest	
Q3: continued.....						
• Medication related CQUIN target development/management	11%	+ 5%	London (NW) 33% (1/3)		3/6 regions 0%	
• Patient safety committee	8%	+ 8%	London (NW) 33% (1/3)		3/6 regions 0%	
• Trust/Divisional Drug Committee involved in reviewing prescribing costs	6%	+ 3%	London (NW) 33% (1/3)		4/6 regions 0%	
• Drug chart updating	6%	+ 0%	London (NW) 33% (1/3)		4/6 regions 0%	
• Non-medical prescribing committee	3%	+ 3%	London (NW) 33% (1/3)		5/6 regions 0%	
• None of the above	0%	- 6%			6/6 regions 0%	
Q4: Have you had any formal training in research (e.g. research statistics or research ethics)?	81%	+5%	EOE, NWN	100%	LDN (NW, S), SCO	67%
			LDN (NC&E)	83% (5/6)		
Q5: Which (if any) of the following research activities are you involved in? (select all that apply)						
• Desk based research	53%	+ 1%	London (N,C&E), (S)	67% (4/6)	EoE, LDN (NW)	33%
• Publicly-funded clinical research	53%	+ 2%	North West	100% (6/6)	London (NW)	0% (0/3)
• Laboratory-based research	36%	+ 9%	3/6 regions	50%	LDN (S), SCO	17% (1/6)
• Industry-funded clinical research	33%	+ 3%	East of England	67% (4/6)	LDN (S), SCO	17% (1/6)
• Other	8%	- 7%	London (NW)	33% (1/3)	4/6 regions	0%
• None of the above	8%	+ 2%	London (NW)	33% (1/3)	3/6 regions	0%

Specialty Specific Questions – Clinical Pharmacology and Therapeutics

Quality Criteria	% trainees agreeing overall	2016/2017 Difference	Agreement Highest		Agreement Lowest	
Q6: How many conference presentations have you delivered in the last 12 months?	0: 53%	-20%	Scotland	83% (5/6)	London (NC&E)	33% (2/6)
	1: 14%	+5%	London (S)	33% (2/6)	LDN (NW), NW, SCO	0%
	2: 8%	-10%	LDN (NW), NW	33%	LDN (NW, S), SCO	0%
	3: 11%	+11%	LDN (NC&E, S), SCO	17%	EOE, LDN (NW), NW	0%
	4: 6%	+ 6%	EOE, LDN (NW), NW	17%	LDN (NC&E, S), SCO	0%
	5: 3%	+ 3%	London (NC&E)	17% (1/6)	5/6 regions	0%
	> 5: 6%	+ 6%	London (NC&E)	17% (1/6)	5/6 regions	0%
Q7: How many conference posters have you contributed to as an author in the last 12 months?	0: 53%	- 2%	Scotland	83% (5/6)	LDN (NC&E, NW)	33%
	1: 17%	+ 2%	London (S)	33% (2/6)	LDN (NW), NW, SCO	0%
	2: 8%	-10%	North West	33% (2/6)	4/6 regions	0%
	3: 3%	- 3%	London (NW)	33% (1/3)	EOE, NW	0% (0/6)
	4: 3%	+ 3%	EOE, NW	17%	4/6 regions	0%
	5: 3%	+ 0%	London (NC&E)	17% (1/6)	5/6 regions	0%
	> 5: 14%	+11%	London (NW)	33% (1/3)	4/6 regions	0%
Q8: How many abstracts have you contributed to as an author in the last 12 months?	0: 36%	-6%	London (NW)	67% (2/3)	EOE, LDN (NC&E), NW	0%
	1: 17%	-7%	NWN, SCO	33% (2/6)	EOE, LDN (NW)	0%
	2: 17%	+5%	East of England	33% (2/6)	London (NW)	0% (0/3)
	3: 6%	+3%	EOE, LDN (NC&E)	17% (1/6)	4/6 regions	0%
	4: 6%	+0%	East of England	33% (2/6)	5/6 regions	0%
	5: 8%	+2%	LDN (NC&E), NW, SCO	17% (1/6)	EOE, LDN (NW, S)	0%
	> 5: 11%	+5%	London (NW)	33% (1/3)	EOE, SCO	0%

Specialty Specific Questions – Clinical Pharmacology and Therapeutics

Quality Criteria	% trainees agreeing overall	2016/2017 Difference	Agreement Highest	Agreement Lowest
Q9: How many journal articles have you contributed to as an author in the last 12 months?	0: 19% 1: 28% 2: 17% 3: 6% 4: 14% 5: 8% > 6: 8%	-14% + 7% + 5% - 3% + 2% + 2% + 2%	LDN (NW), NW 67% Scotland 50% (3/6) LDN (S), SCO 33% London (S) 17% (1/6) London (NC&E) 33% (2/6) London (NC&E) 33% (2/6) London (NW) 33% (1/3)	LDN (NC&E), SCO 0% LDN (NC&E, NW), NW 0% LDN (NW), NW 0% 5/6 regions 0% LDN (NW, S) 0% 4/6 regions 0% EOE, LDN (S) 0%
Q10: If you are not involved in research, what are the main reasons for this? (select all that apply)				
<ul style="list-style-type: none"> • N/A (I am involved in research) • Preference for clinical work • Lack of funding for research • Lack of opportunities to undertake research • Other • Discouragement from supervisor(s) • None of the above 	94% 6% 6% 6% 3% 0% 0%	+ 0% - 2% + 6% + 3% - 3% - 3% + 0%	4/6 regions 100% London (N, C & E) 17% (1/6) London (NW) 33% (1/3) London (NW) 33% (1/3)	London (NW) 67% (2/3) 5/6 regions 0% EoE, SCO 17% (1/6) 4/6 regions 0% 6/6 regions 0% 6/6 regions 0% 6/6 regions 0%
Q11: Do you currently intend to apply for time out of programme (OOPT, OOPE, OOPR, or OOPC) within the next 12 months?	25%	+1%	London (NW) 67% (2/3) EOE, LDN (S), SCO 33%	London (NC&E) 0% (0/6) North West 17% (1/6)
Q12: In your current post, do you contribute to prescribing/therapeutics education or training activities?	81%	-1%	LDN (NC&E, S), NW 100% (6/6)	EOE, SCO 50% (3/6) London (NW) 67% (2/3)

Specialty Specific Questions – Clinical Pharmacology and Therapeutics

Quality Criteria	% trainees agreeing overall	2016/2017 Difference	Agreement Highest		Agreement Lowest	
<p>Q13: In your current post, which of the following settings do you contribute to training in? (Select all that apply)</p> <ul style="list-style-type: none"> • Hospital • University • E-Learning • Other • N/A (not involved in training/education) 	<p>89%</p> <p>83%</p> <p>19%</p> <p>6%</p> <p>3%</p>	<p>+65%</p> <p>+13%</p> <p>+19%</p> <p>+ 6%</p> <p>- 3%</p>	<p>3/6 regions</p> <p>4/6 regions</p> <p>3/6 regions</p> <p>London (NW)</p> <p>East of England</p>	<p>100%</p> <p>100%</p> <p>33%</p> <p>33% (1/3)</p> <p>17% (1/6)</p>	<p>East of England</p> <p>London (NW)</p> <p>3/6 regions</p> <p>4/6 regions</p> <p>5/6 regions</p>	<p>67% (4/6)</p> <p>33% (1/3)</p> <p>0%</p> <p>0%</p> <p>0%</p>
<p>Q14: In your current post, which of the following groups are you involved in training?</p> <ul style="list-style-type: none"> • Undergraduate medical students • Other postgraduate trainees • Postgraduate trainee doctors at FY level • Academic supervision (i.e. MSc, PhD, etc) • Other • N/A (not involved in training/education) 	<p>72%</p> <p>14%</p> <p>6%</p> <p>3%</p> <p>3%</p> <p>3%</p>	<p>-7%</p> <p>+14%</p> <p>-6%</p> <p>+0%</p> <p>+3%</p> <p>-3%</p>	<p>North West</p> <p>LDN (NW), SCO</p> <p>London (NW)</p> <p>Scotland</p> <p>London (S)</p> <p>East of England</p>	<p>100% (6/6)</p> <p>33%</p> <p>33% (1/3)</p> <p>33% (2/6)</p> <p>17% (1/6)</p> <p>17% (1/6)</p>	<p>London (NW)</p> <p>LDN (S), NW</p> <p>4/6 regions</p> <p>5/6 regions</p> <p>5/6 regions</p> <p>5/6 regions</p>	<p>33% (1/3)</p> <p>0%</p> <p>0%</p> <p>0%</p> <p>0%</p> <p>0%</p>

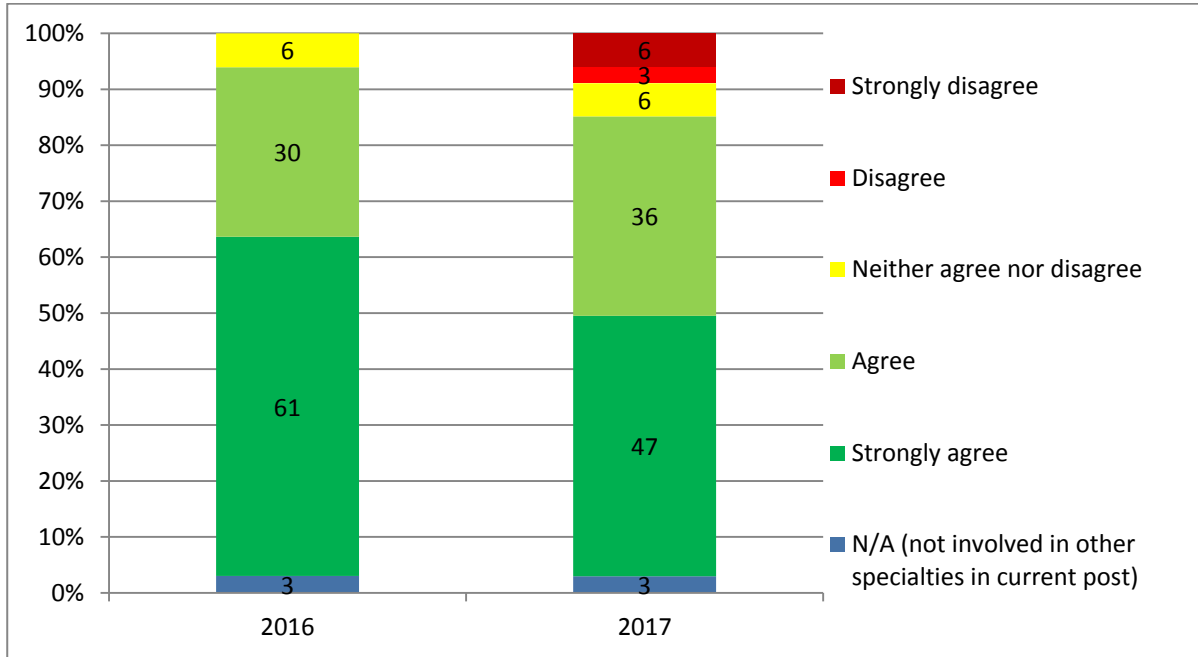
Deanery / LETB	Year	N=	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14
Health Education East of England	2016	4	100			50							25	25		
	2017	6	83			100							33	50		
Health Education London (North, Central & East)	2016	7	100			86							43	100		
	2017	6	100			83							0	100		
Health Education London (North West)	2016	3	100			100							33	33		
	2017	3	100			67							67	67		
Health Education London (South)	2016	4	50			75							0	100		
	2017	6	50			67							33	100		
Health Education North East	2016	<3	No data			No data							No data	No data		
	2017	0	No data			No data							No data	No data		
Health Education North West	2016	9	89			56							33	89		
	2017	6	84			100							17	100		
Health Education West Midlands	2016	0	No data			No data							No data	No data		
	2017	<3	No data			No data							No data	No data		
NHS Education for Scotland	2016	3	100			100							0	100		
	2017	6	84			67							33	50		
Wales Deanery	2016	<3	No data			No data							No data	No data		
	2017	<3	No data			No data							No data	No data		

Q2, Q3, Q5, Q6, Q7, Q8, Q9, Q10, Q13 and Q14 were not included above as they are not yes or strongly agree / agree questions

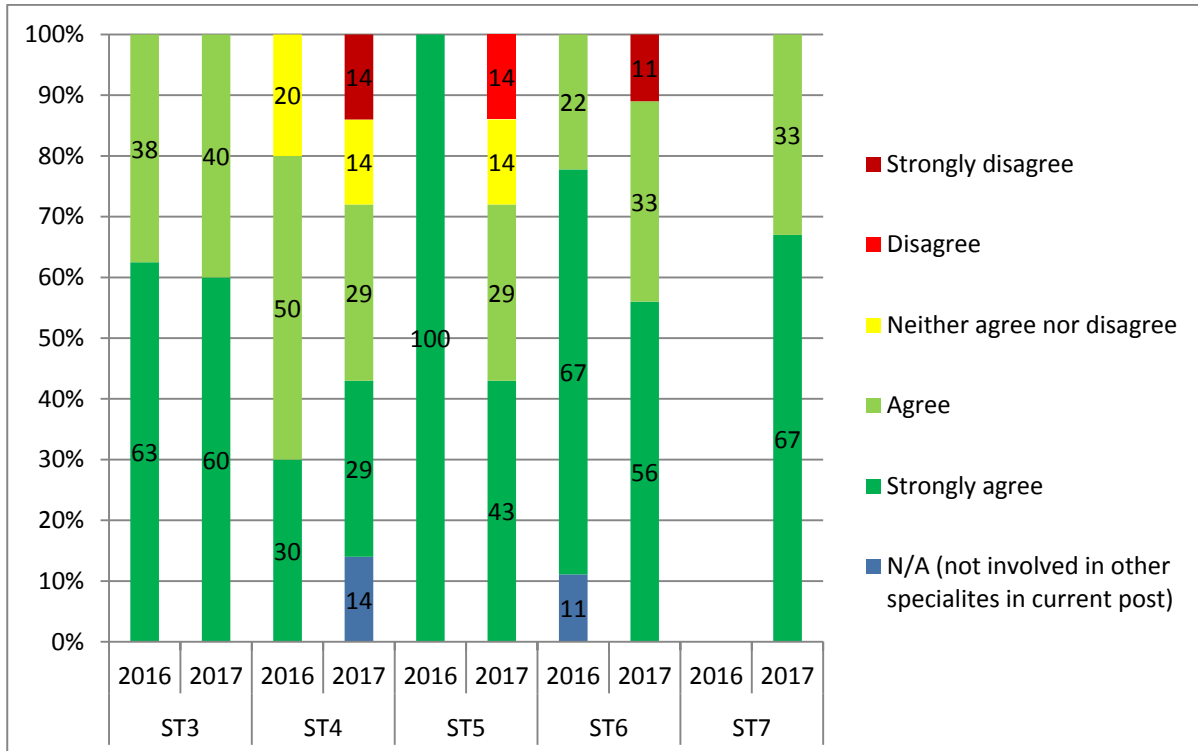
Increase in agreement 2016/17	Decrease in agreement 2016/17	Agreement unchanged 2016/17
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Q1. To what extent do you agree or disagree with the following statement about your current post? My training in CPT is complemented by my involvement in other specialties (e.g. General Internal Medicine) (This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8)
 2016: n=33 2017: n=36

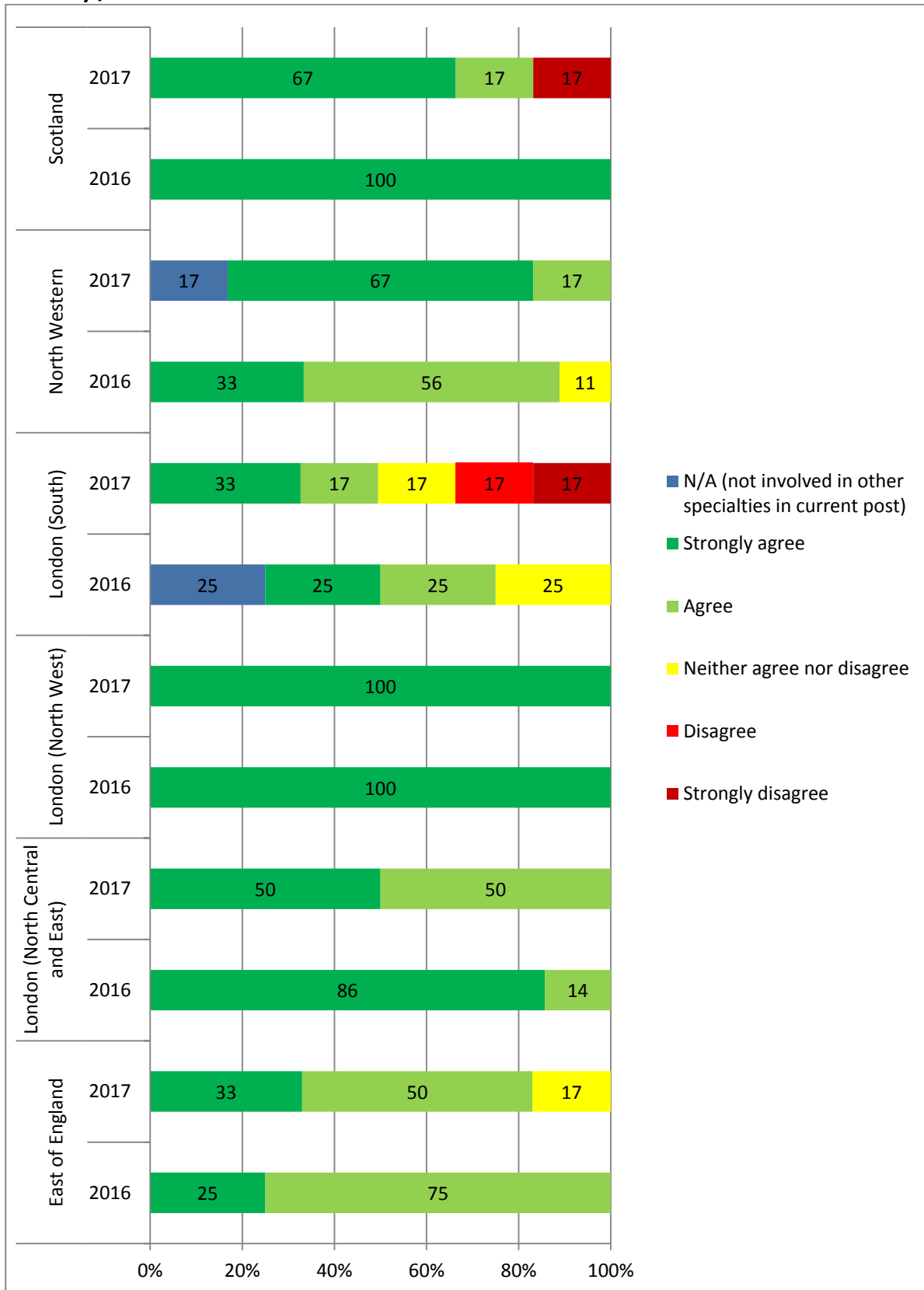
All results



Grade

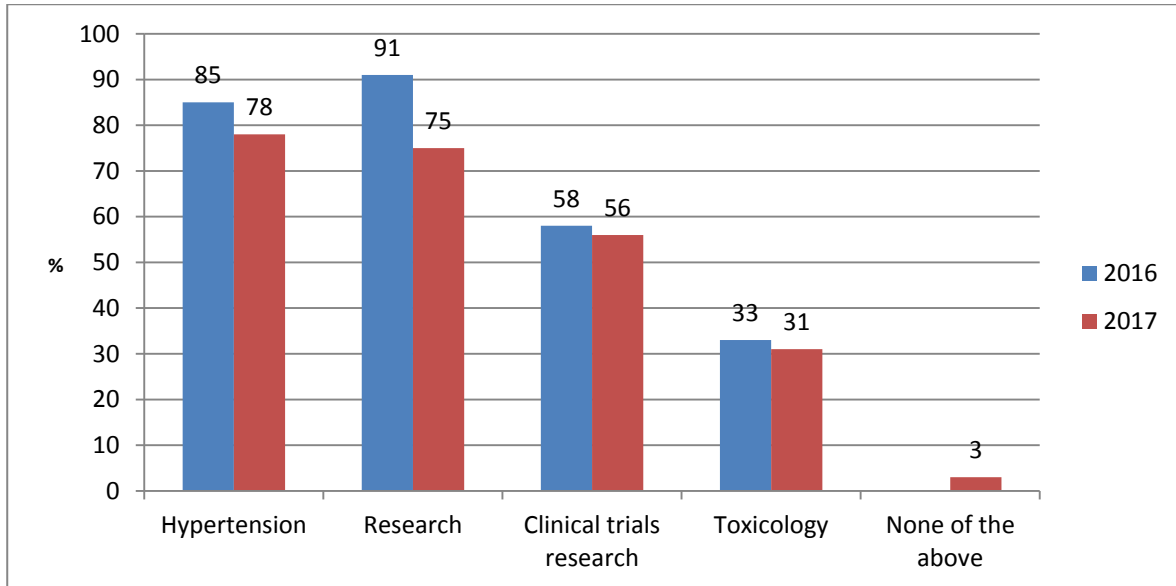


Deanery / LETB

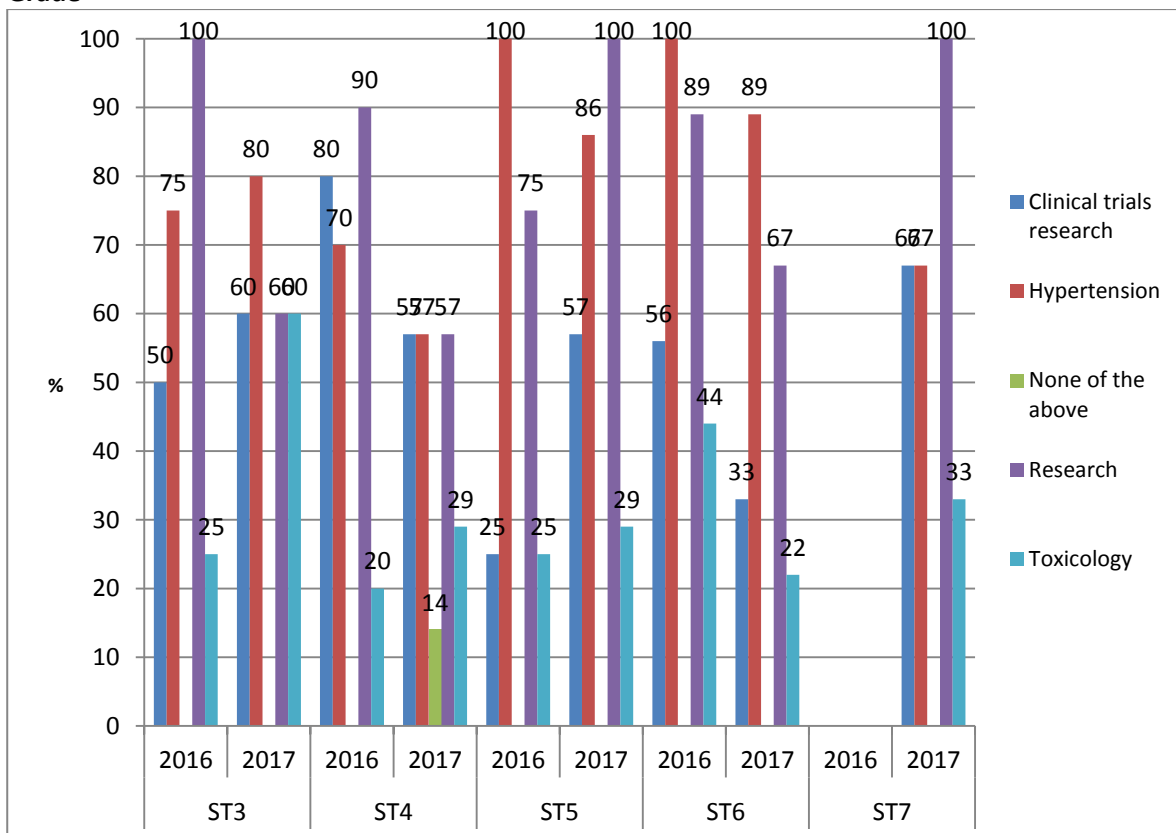


Q2. In this post, which (if any) of the following CPT special interest areas do you have the opportunity to study/undertake? (select all that apply) (This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8) 2016: n=33, 2017: n=36

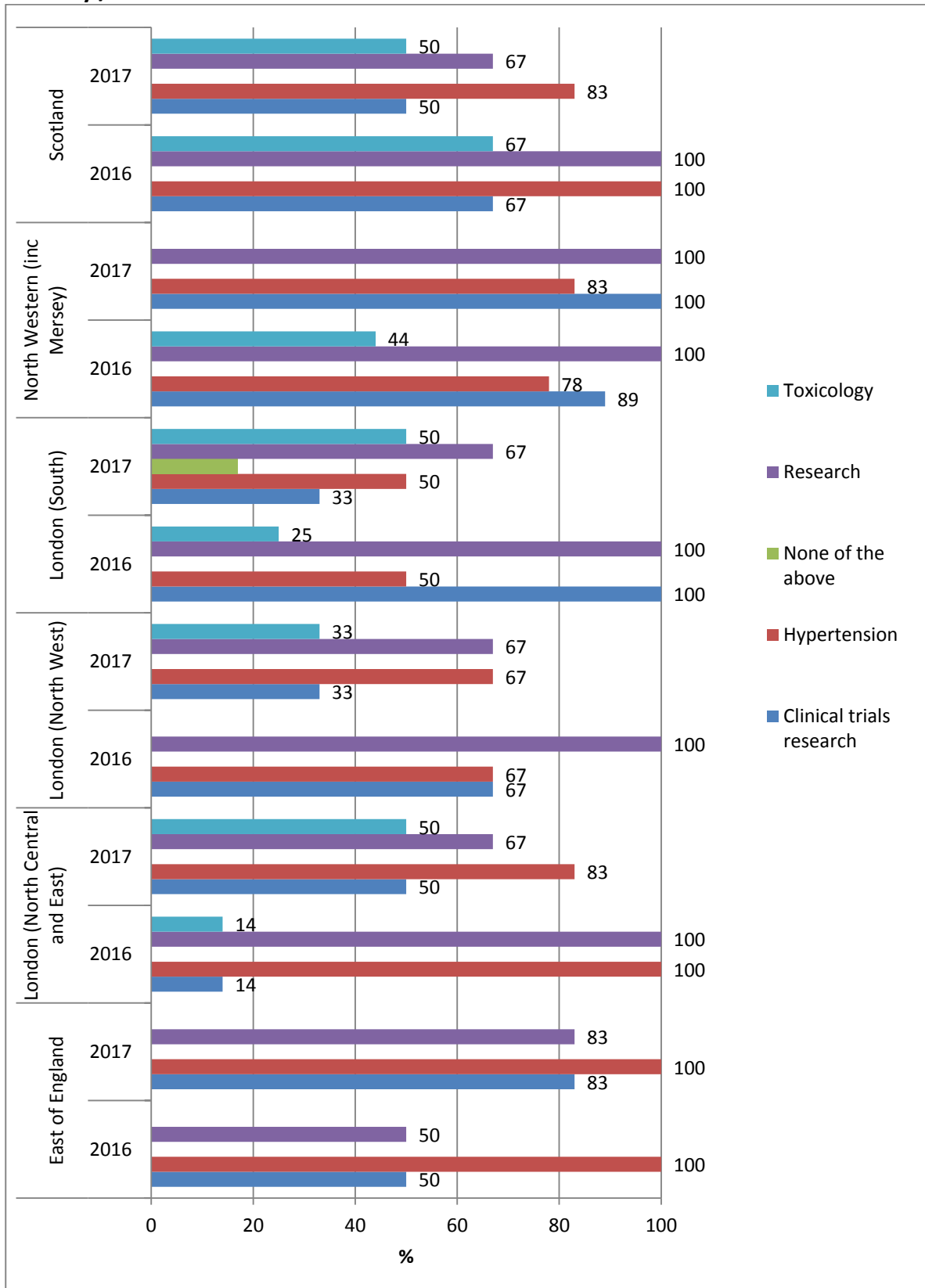
All results



Grade



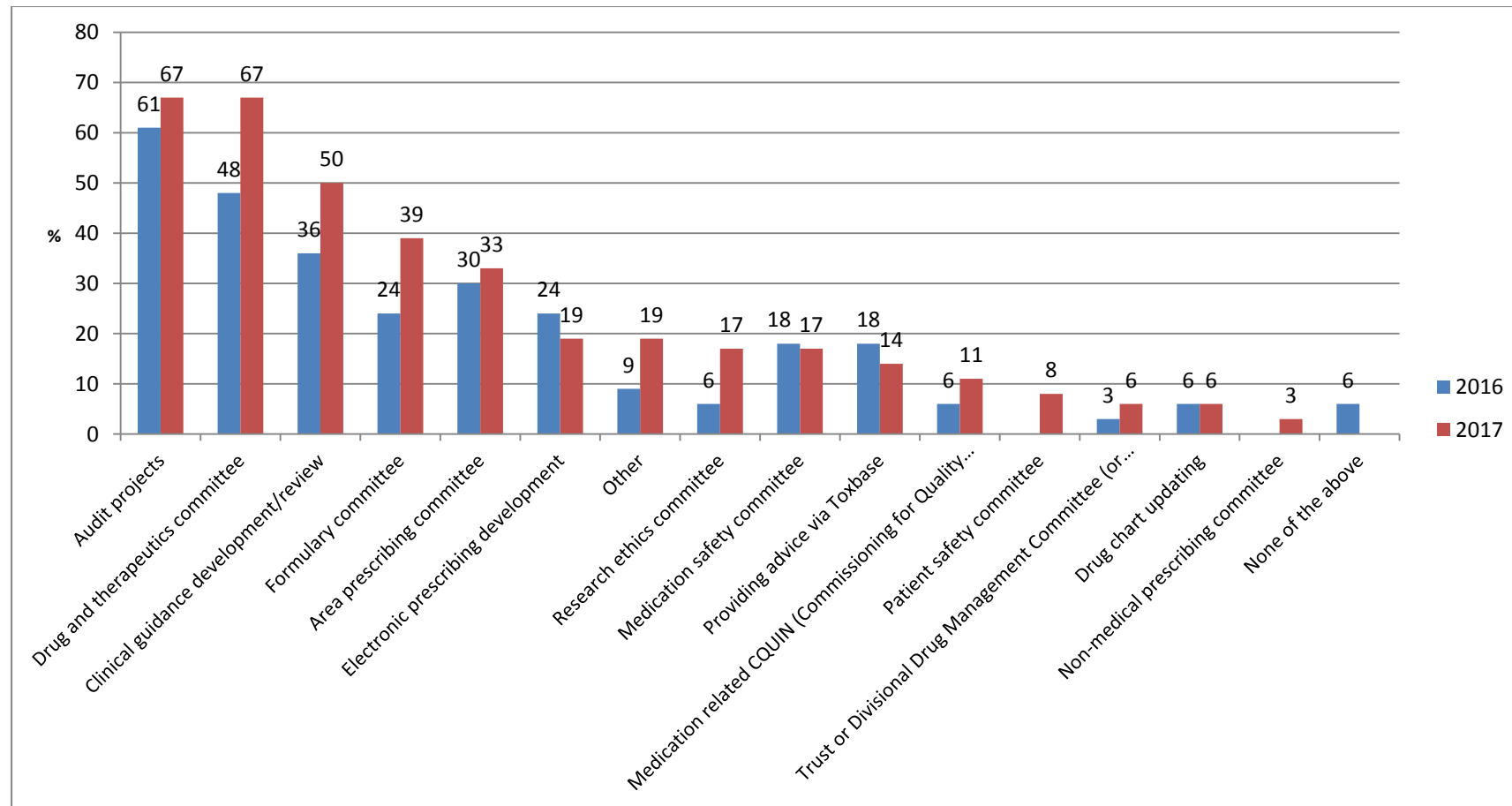
Deanery / LETB



Q3. Which (if any) of the following CPT related service activities have you been involved with in the last 12 months? (select all that apply)

(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8) 2016: n=33, 2017: n=36

All trainees



Grade (% of trainees - CPT related service activities involved with in the last 12 months)

	ST3		ST4		ST5		ST6		ST7	
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017
Area prescribing committee	25		30	71	75	29	11	44		17
Audit projects	75	40	40	71	50	71	67	44		17
Clinical guidance development/review	37	40	40	71	50	71	11	33		33
Drug and therapeutics committee	37	40	70	71	50	57	22	100		
Drug chart updating	25			29						
Electronic prescribing development	37		10	43		29	33	11		
Formulatory committee	37	20	10	71	50	14	11	67		
Medication related CQUIN (Commissioning for Quality and Innovation) target development/management	12		10	29				22		17
Medication safety committee	25		20	29		14	11	11		
Non-medical prescribing committee				14						17
None of the above			20							17
Other	25	20				43	11	33		
Patient safety committee				29		14				50
Providing advice via Toxbase	12	20	10	14	25		22	11		50
Research ethics committee	12	20	10	29		14				100
Trust or Divisional Drug Management Committee (or equivalent) involved in reviewing prescribing costs			10	14						17

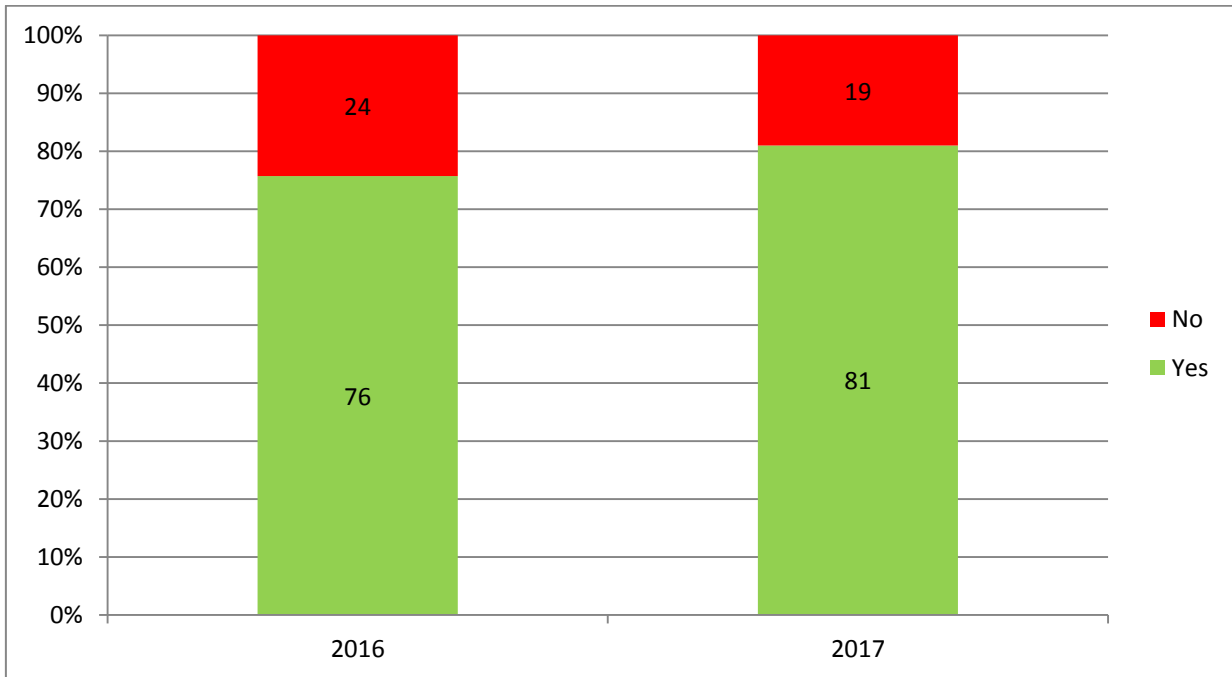
Deanery / LETB (% of trainees - CPT related service activities involved with in the last 12 months)

	East of England	East of England	London (N, C & E)	London (N, C & E)	London (NW)	London (NW)	London (Sth)	London (Sth)	North West	North West	Scotland	
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017
Area prescribing committee		17	43	50	33	33	50	67	22	17	67	33
Audit projects	50	67	57	67	100	67	25	50	56	83	100	67
Clinical guidance development/review	25	50	71	50	33	33	25	67	11	17	67	83
Drug and therapeutics committee	75	83	43	83	67	100	75	83	33	33	33	33
Drug chart updating					33	33	25	17				
Electronic prescribing development		17	43	33	67	33	25	17			33	17
Formulary committee		17	29	67	67	67	50	50			33	33
Medication related CQUIN (Commissioning for Quality and Innovation) target development/management				17		33	25		11			17
Medication safety committee	25	33	14		67	33		17	11	33		
Non-medical prescribing committee						33						
None of the above									22			
Other		33	29	17				17	11	17		33
Patient safety committee						33		17		17		
Providing advice via Toxbase			14	17			25		11			33
Research ethics committee	25	50		17			25	17		17		
Trust or Divisional Drug Management Committee (or equivalent) involved in reviewing prescribing courts		17							11			

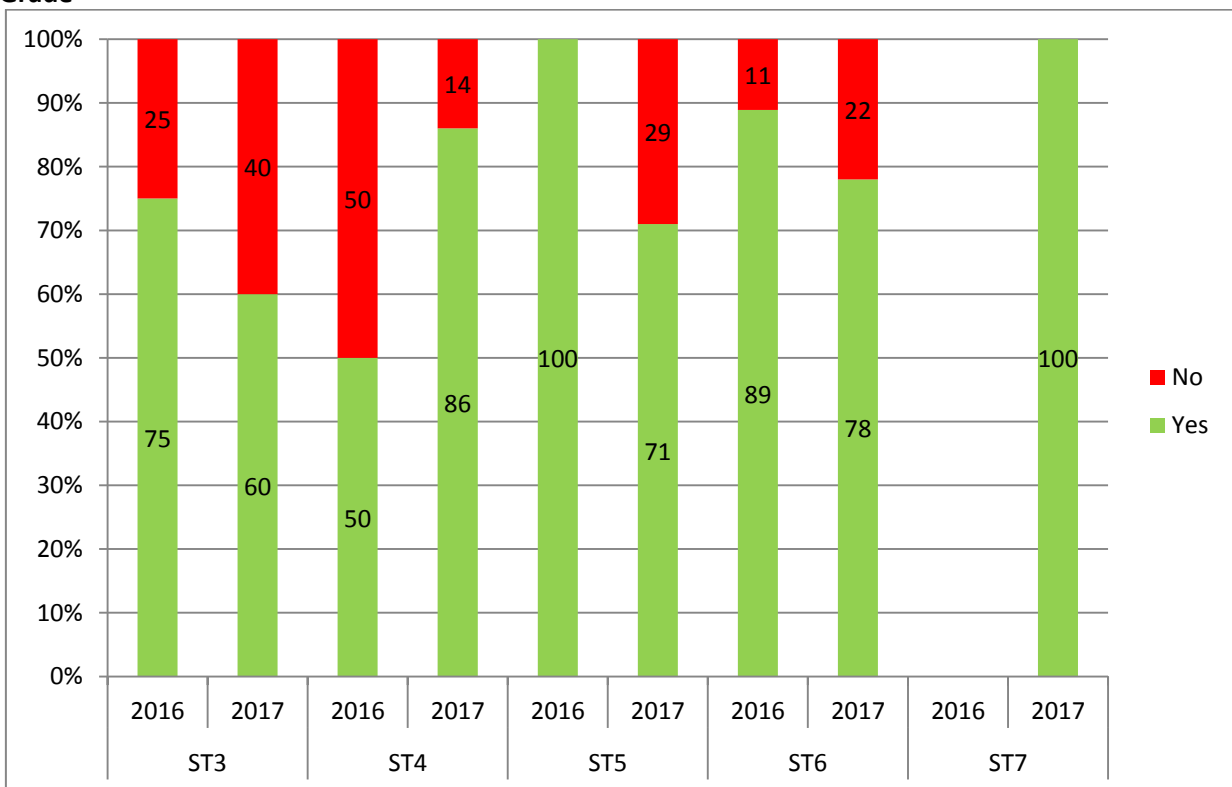
Q4. Have you had any formal training in research (e.g. research statistics or research ethics)?

(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8) 2016: n=33, 2017: 36

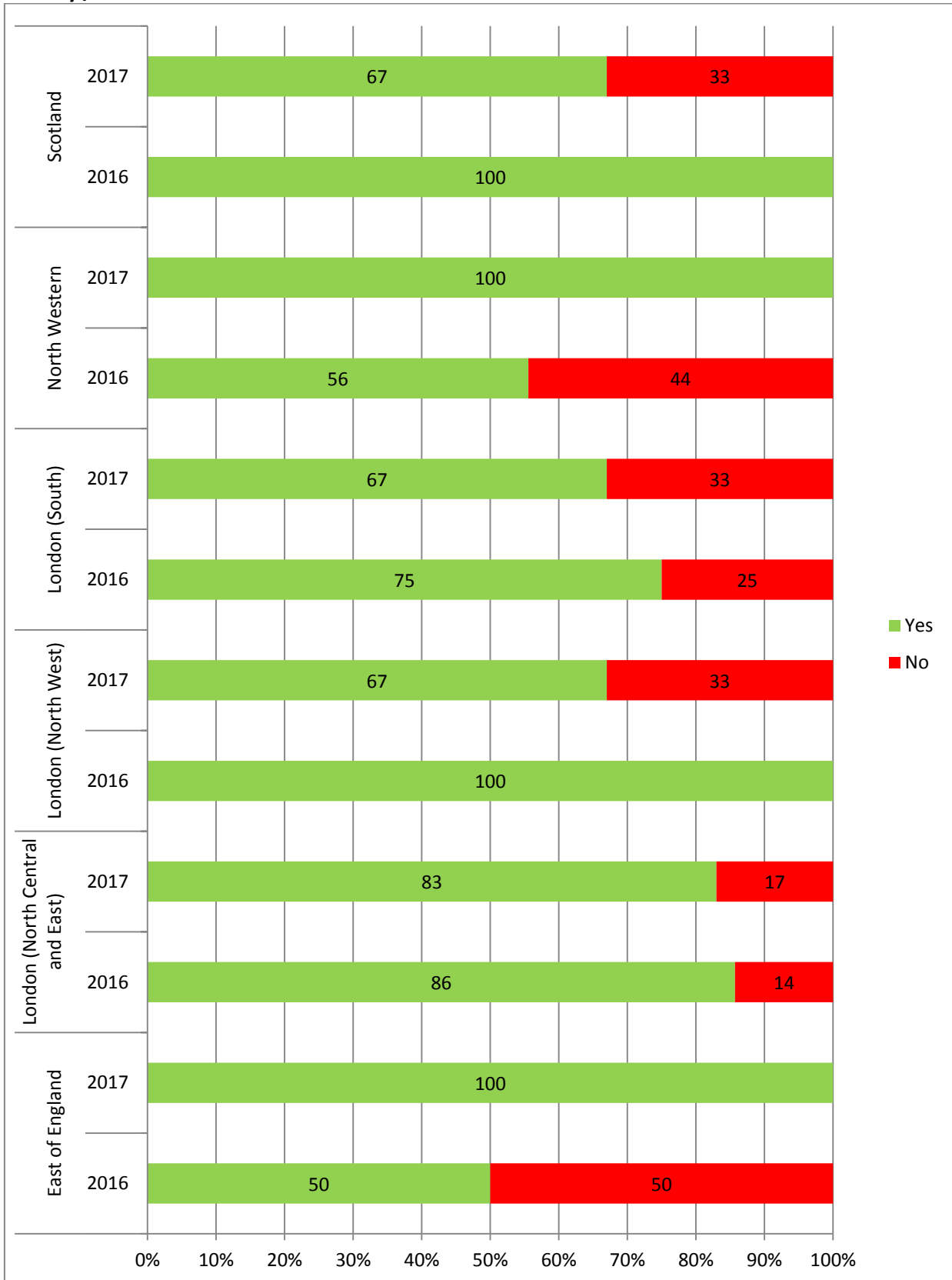
All trainees



Grade



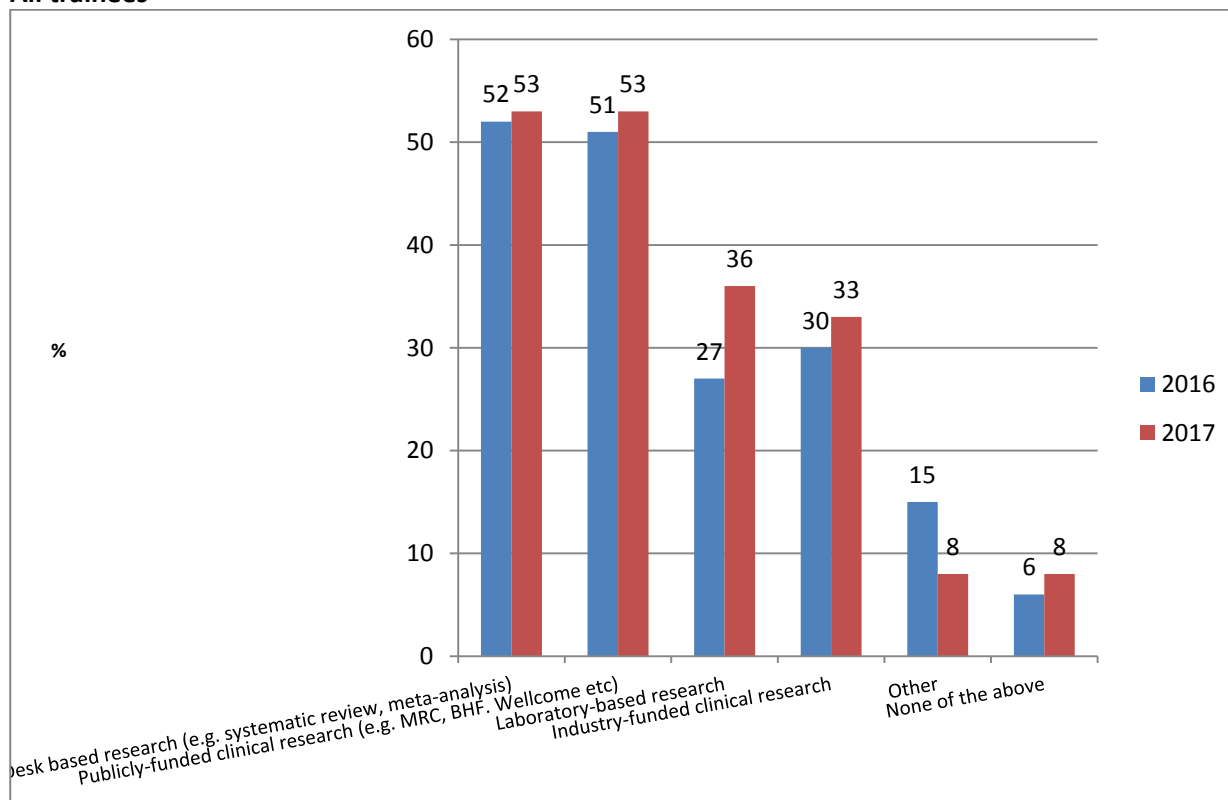
Deanery / LETB



Q5. What (if any) of the following research activities are you involved in? (select all that apply)

(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8) 2016: n=33, 2017: n=36

All trainees



Grade (% of trainees - involved in the following research activities)

		ST3	ST4	ST5	ST6	ST7
Desk based research (e.g. systematic review, meta-analysis)	2016	75	50	50	33	
	2017	80	43	57	67	33
Industry-funded clinical research	2016	25	60		11	
	2017	40	29	29	11	67
Laboratory-based research	2016	12	20	25	56	
	2017	20	29	43	22	67
None of the above	2016		20			
	2017	20	14			
Other	2016	12		25	22	
	2017		14		11	17
Publicly-funded clinical research (e.g. MRC, BHF. Wellcome etc)	2016	37	50	25	67	
	2017	20	57	71	44	67

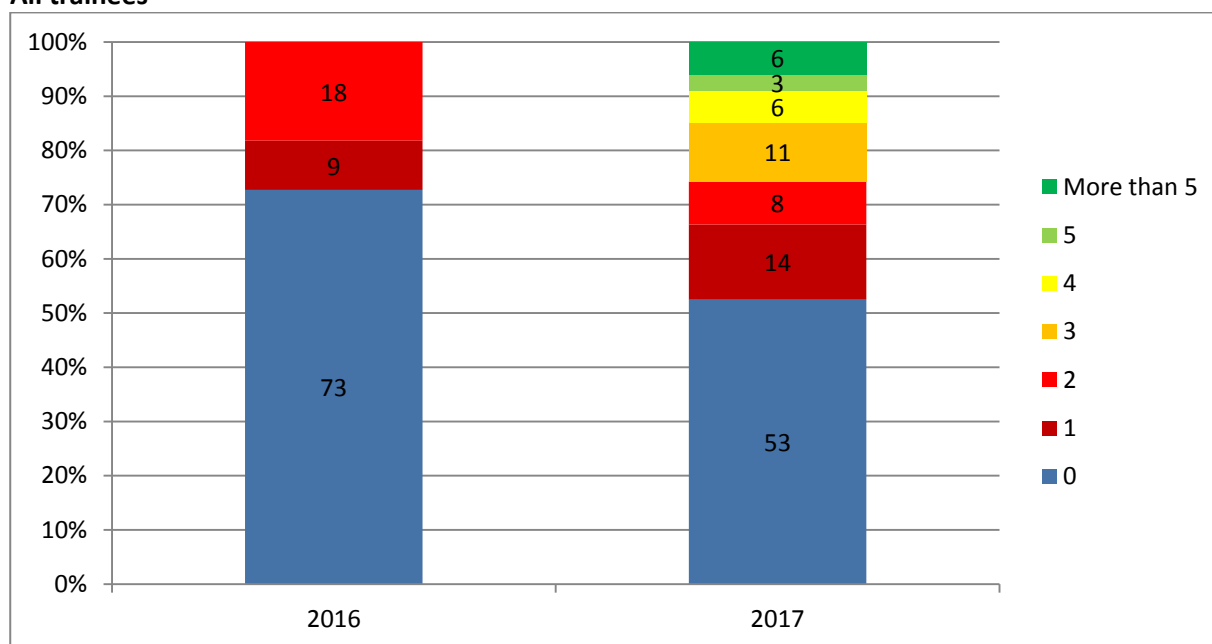
Deanery / LETB (% of trainees - involved in the following research activities)

		East of England	London (N, C & E)	London (NW)	London (Sth)	North West	Scotland
Desk based research (e.g. systematic review, meta-analysis)	2016	25	57	67	50	67	33
	2017	33	67	33	67	50	50
Industry-funded clinical research	2016	25	29	33	25	44	33
	2017	67	33	33	17	50	17
Laboratory-based research	2016	25	43		25	44	
	2017	50	50	33	17	50	17
None of the above	2016	25	14				
	2017	17		33			17
Other	2016		14				67
	2017			33			17
Publicly-funded clinical research (e.g. MRC, BHF, Wellcome etc)	2016	75	71		75	44	33
	2017	50	67		67	100	33

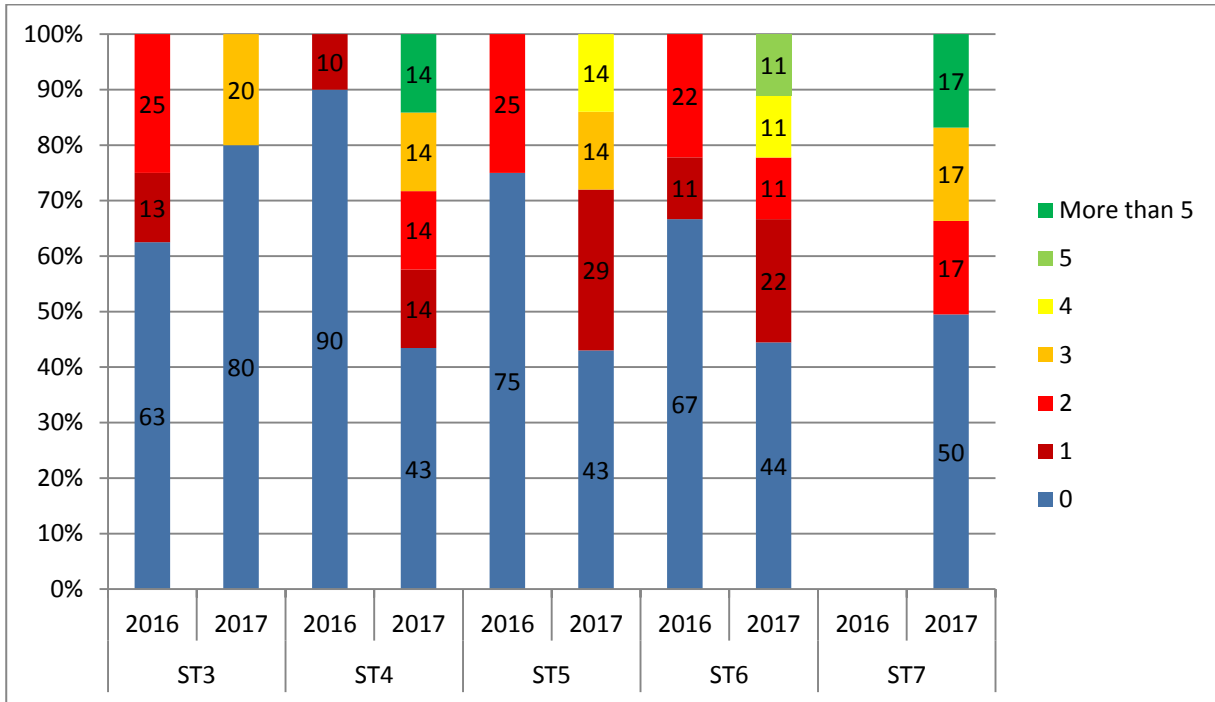
Q6. How many conference presentations have you delivered in the last 12 months?

(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8) 2016: n=33, 2017: n=36

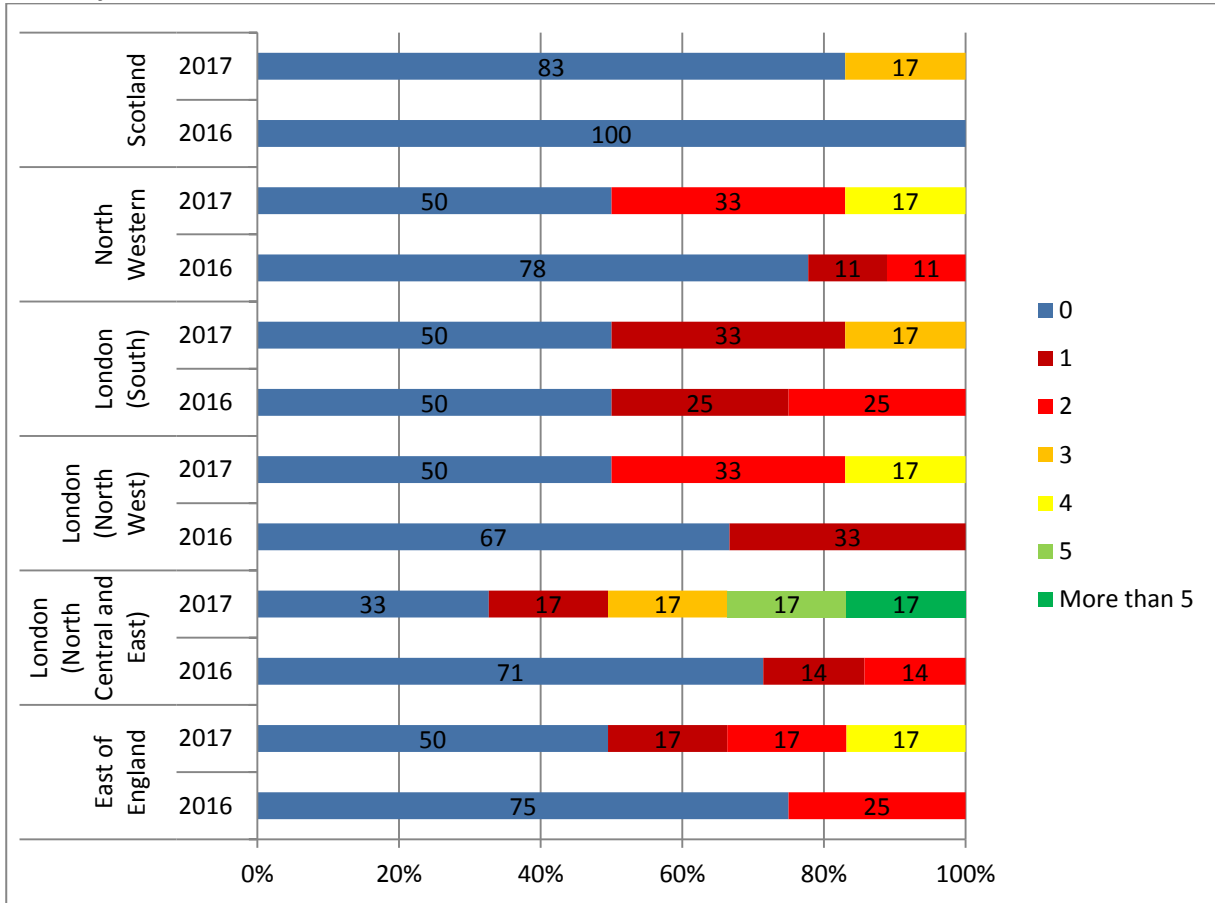
All trainees



Grade



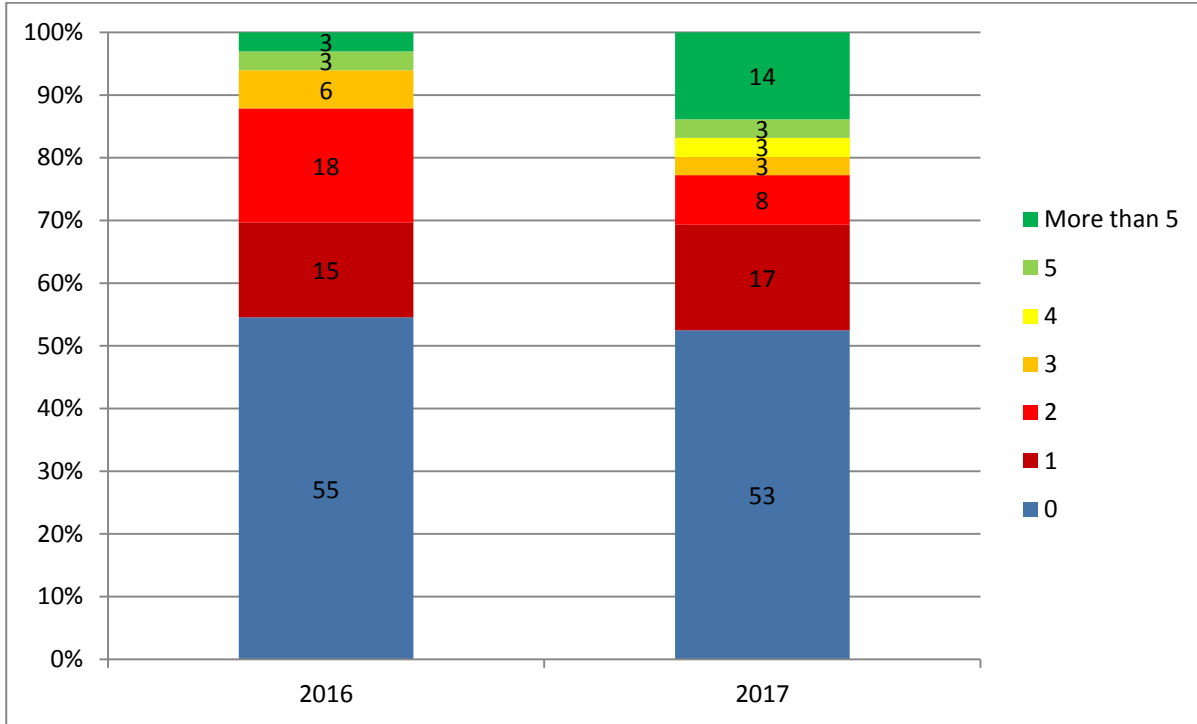
Deanery / LETB



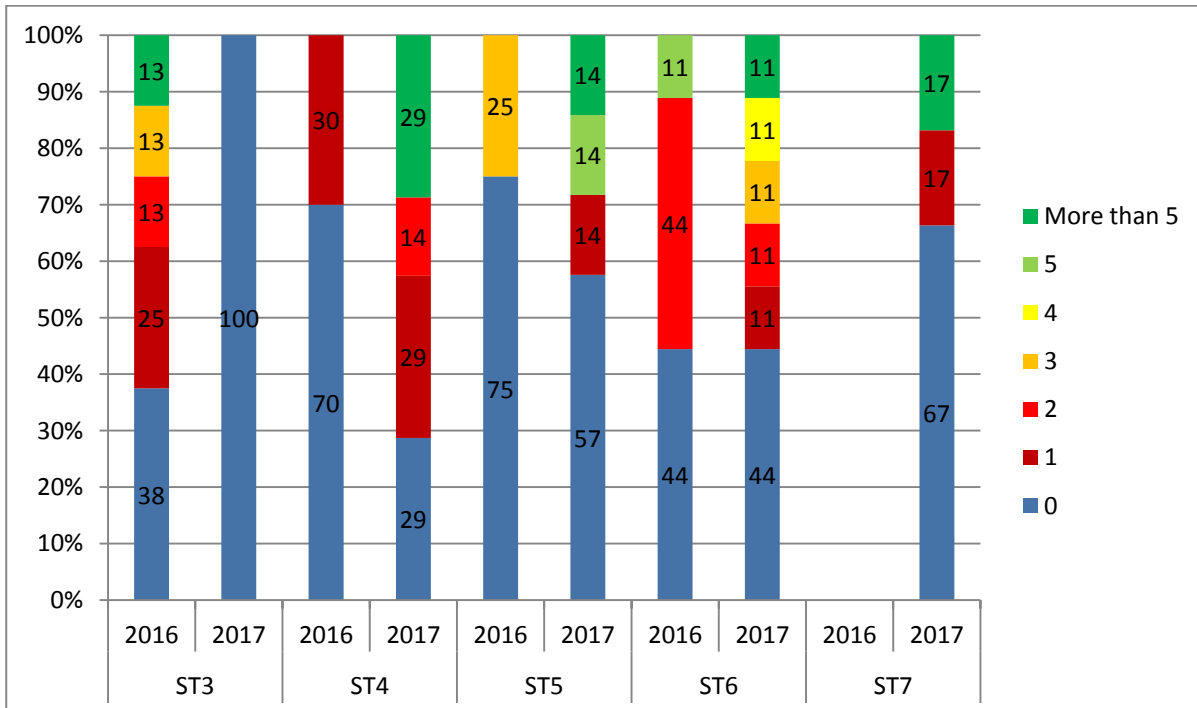
Q7. How many conference posters have you contributed as an author in the last 12 months?

(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8) 2016: n=33, 2017: n=36

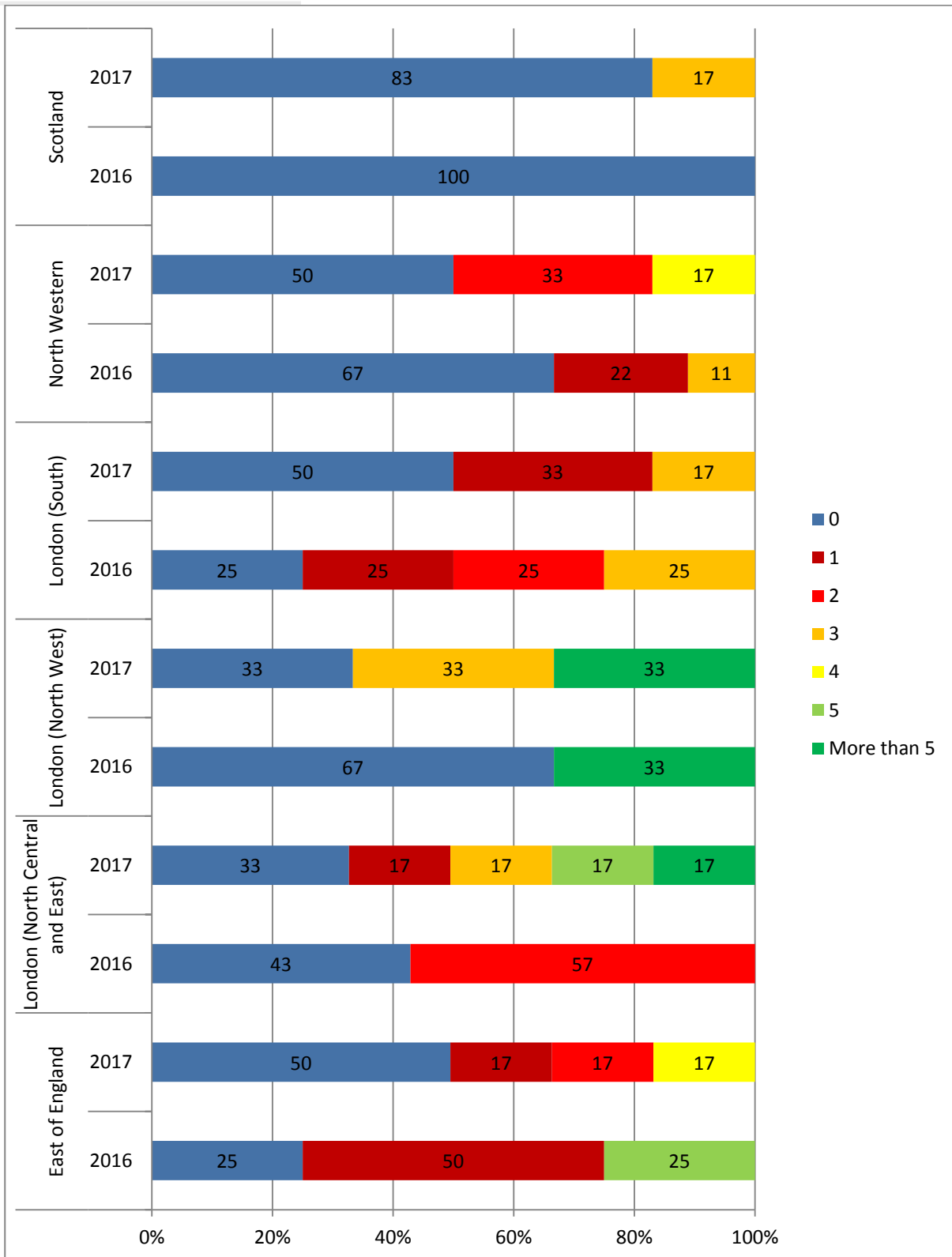
All trainees



Grade



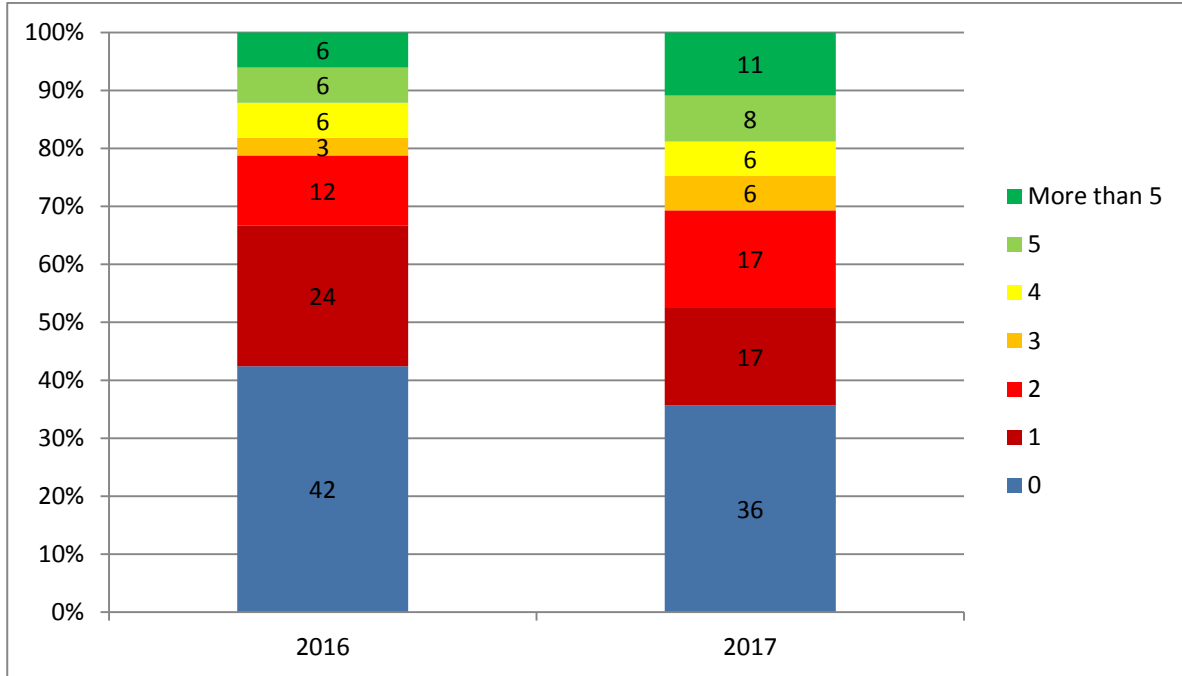
Deanery / LETB



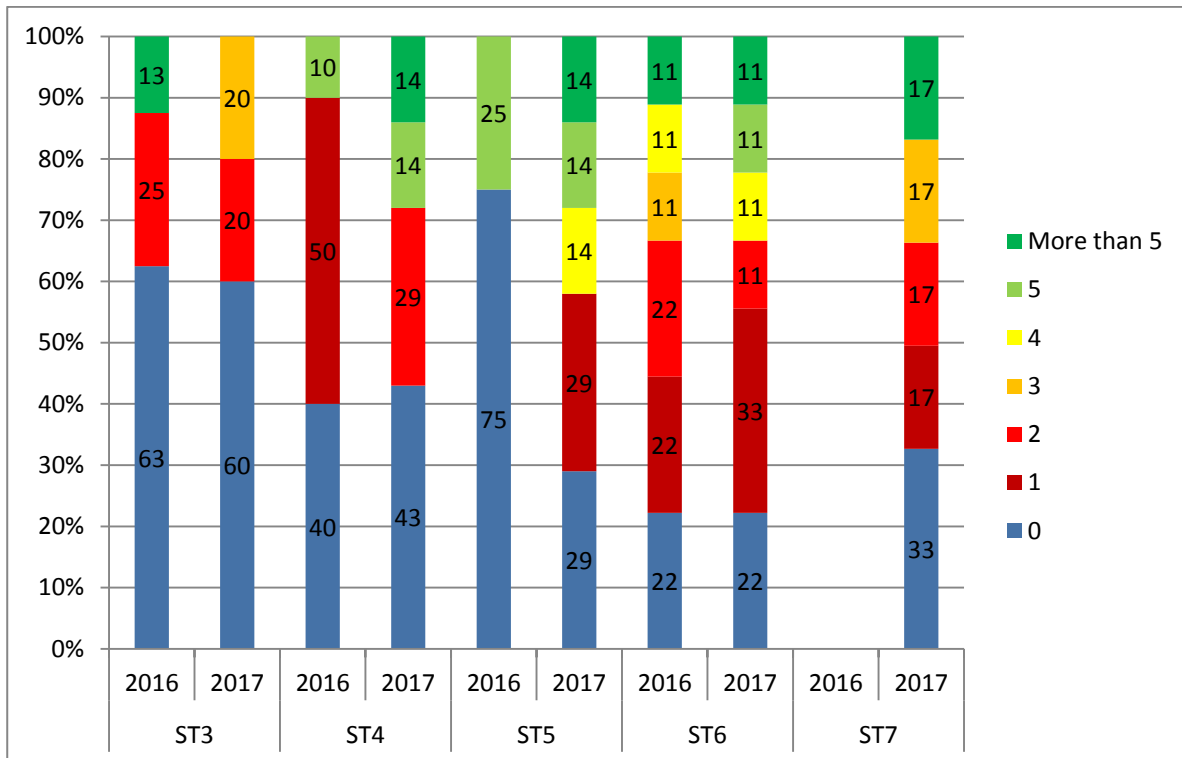
Q8. How many abstracts have you contributed to as an author in the last 12 months?

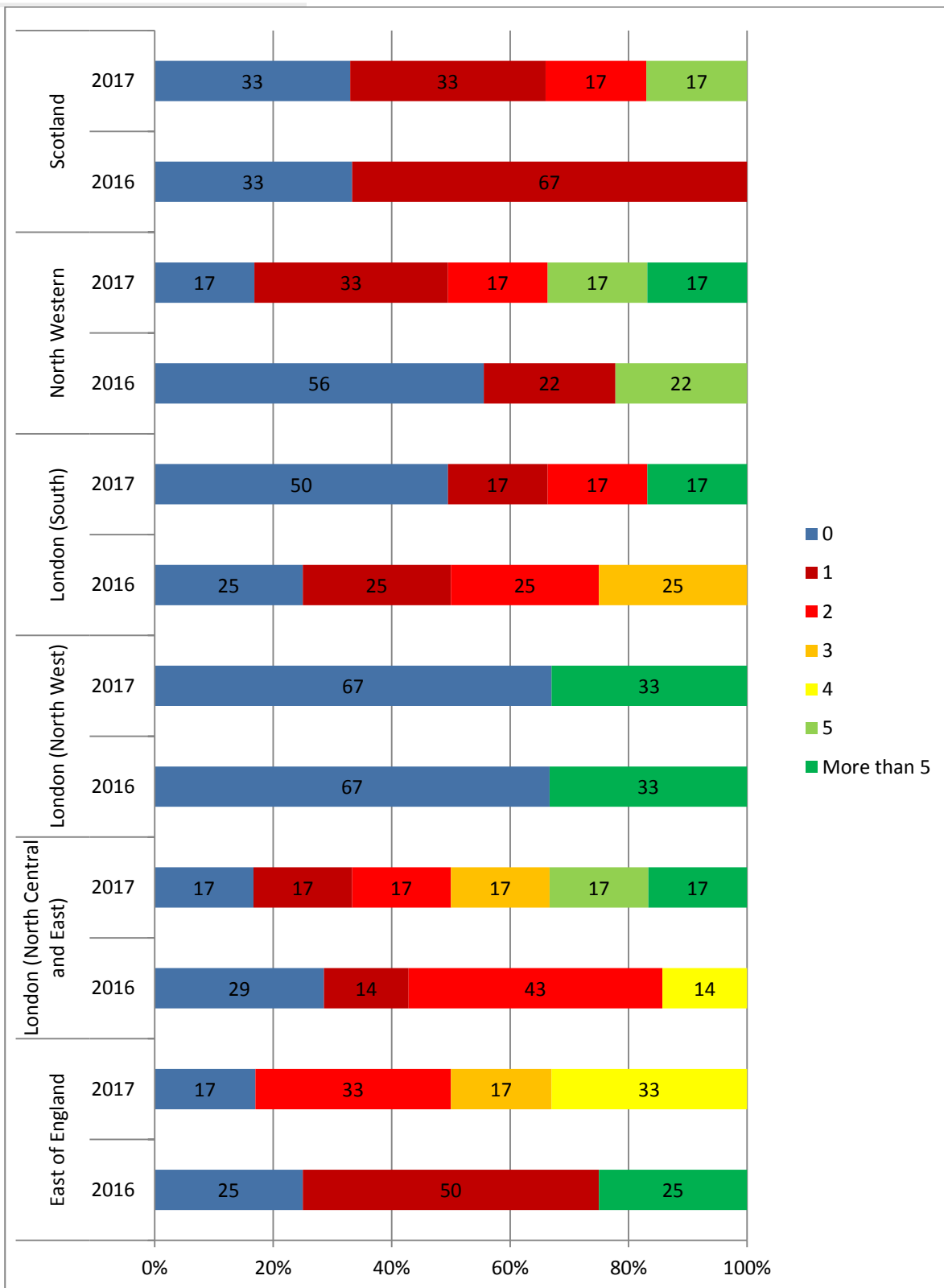
(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8) 2016: n=33, 2017: n=36

All trainees



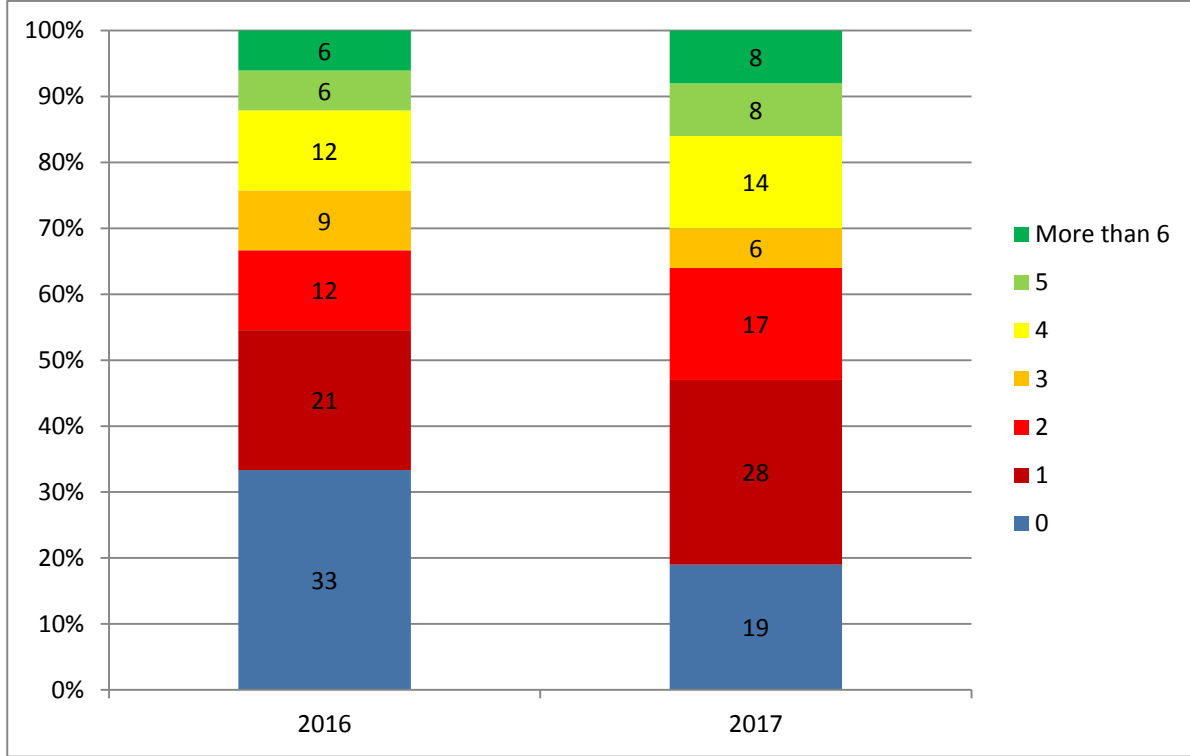
Grade



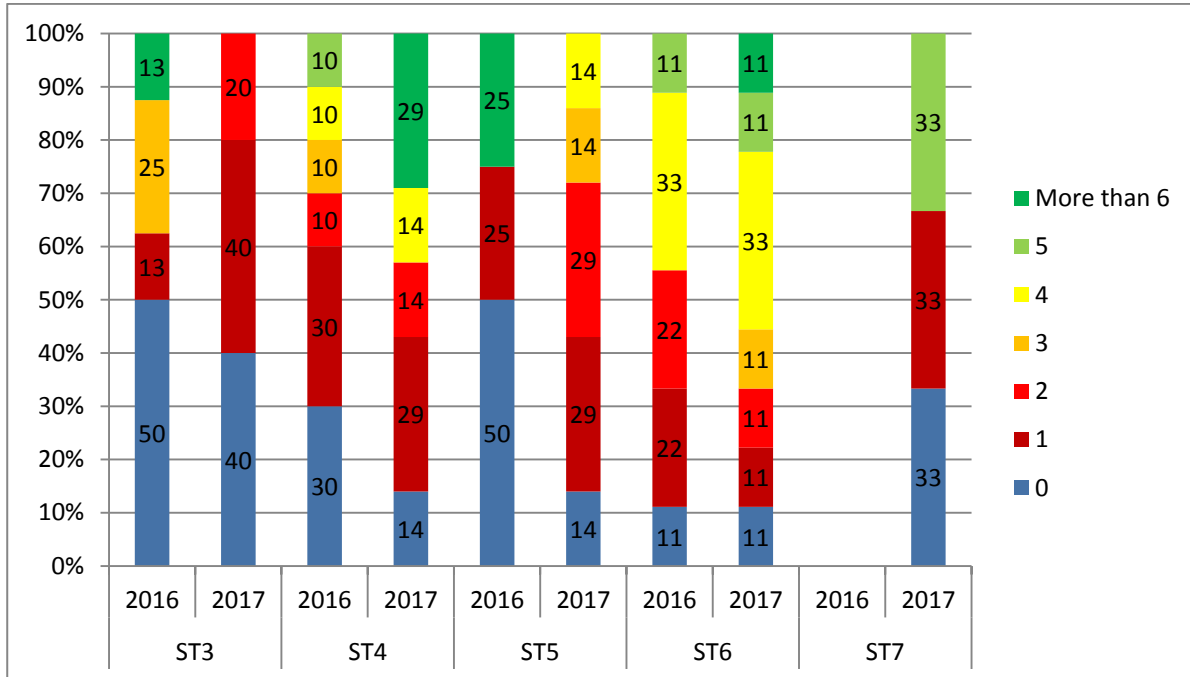


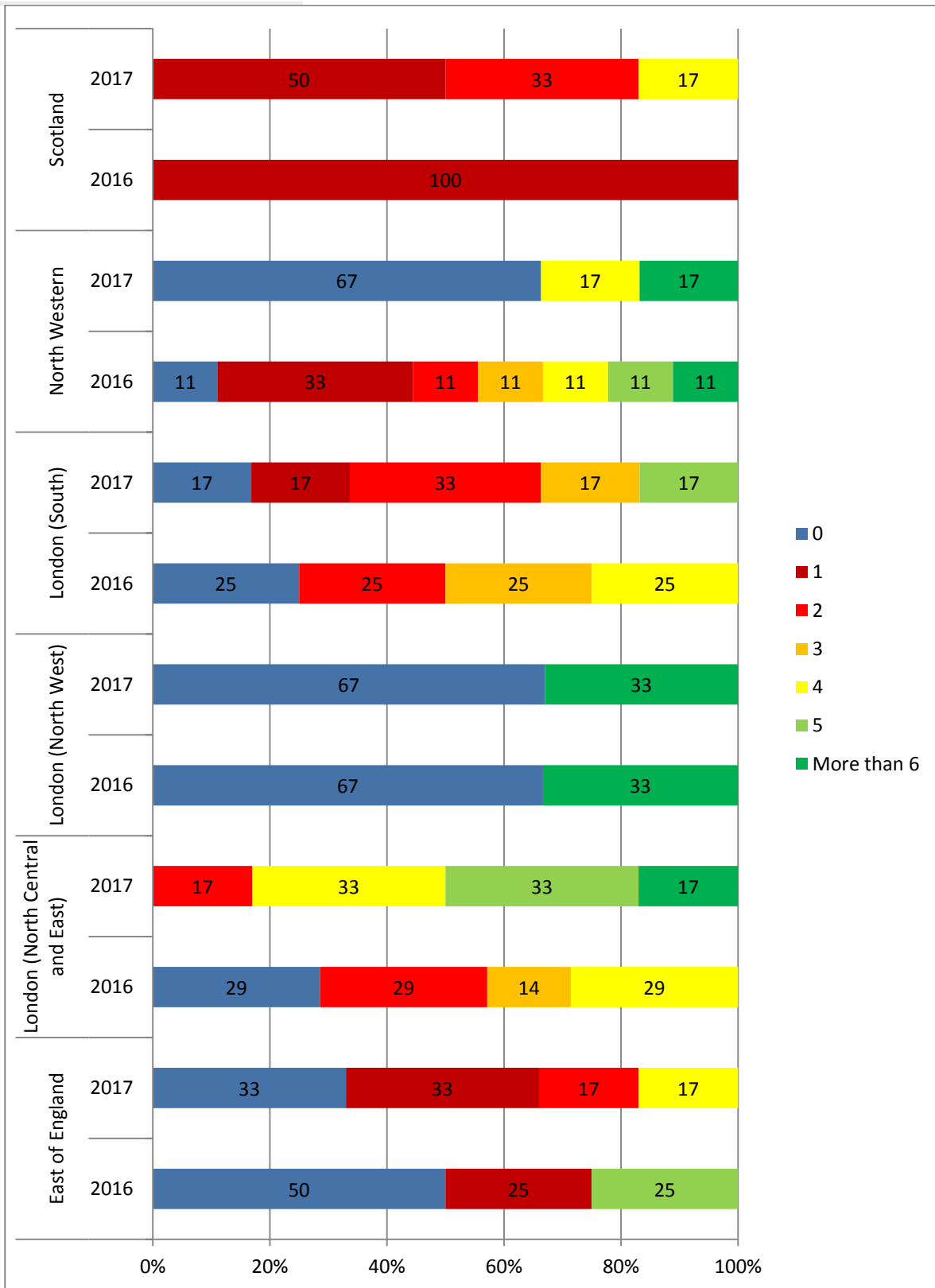
(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8) 2016: n=33, 2017: n=36

All trainees



Grade

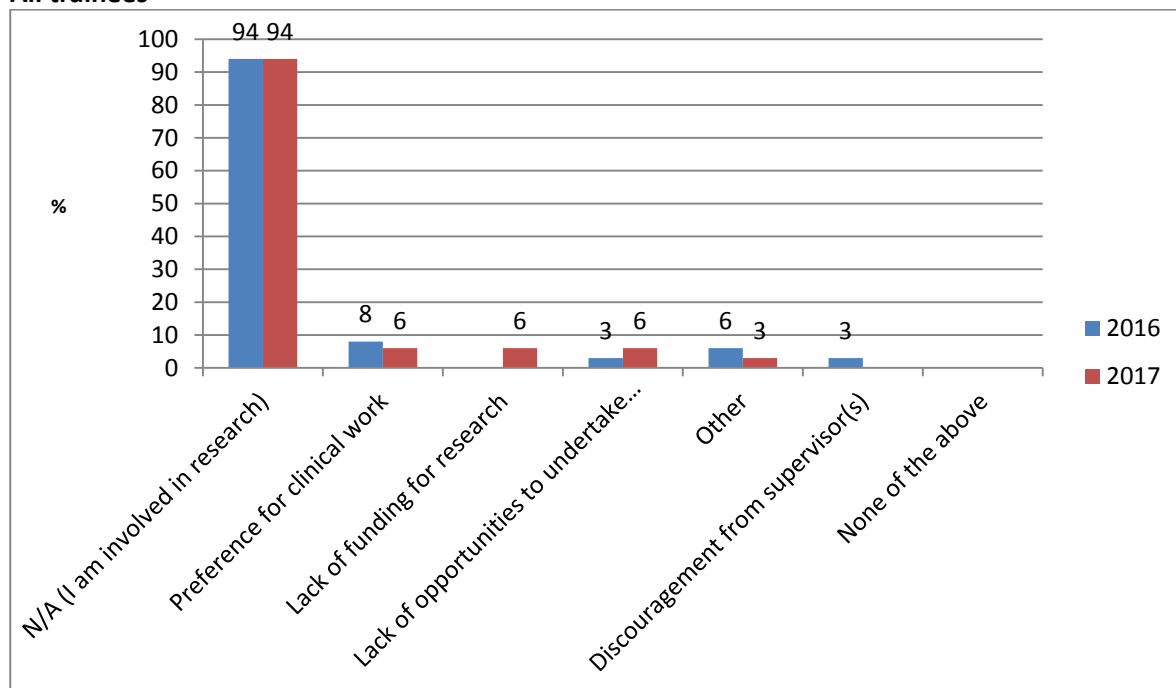




Q10. If you are not involved in research, what are the main reasons for this? (select all that apply)

(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8) 2016: n=233, 2017: n=36

All trainees



Grade (% of trainees - reasons for not being involved in research)

		ST3	ST4	ST5	ST6	ST7
Discouragement from supervisor(s)	2016	12				
	2017					
Lack of funding for research	2016					
	2017	20	14			
Lack of opportunities to undertake research	2016		10			
	2017	20	14			
N/A (I am involved in research)	2016	87	90	100	100	
	2017	80	86	100	100	100
None of the above	2016					
	2017					
Other	2016		10		11	
	2017					
Preference for clinical work	2016	25	10			
	2017				22	

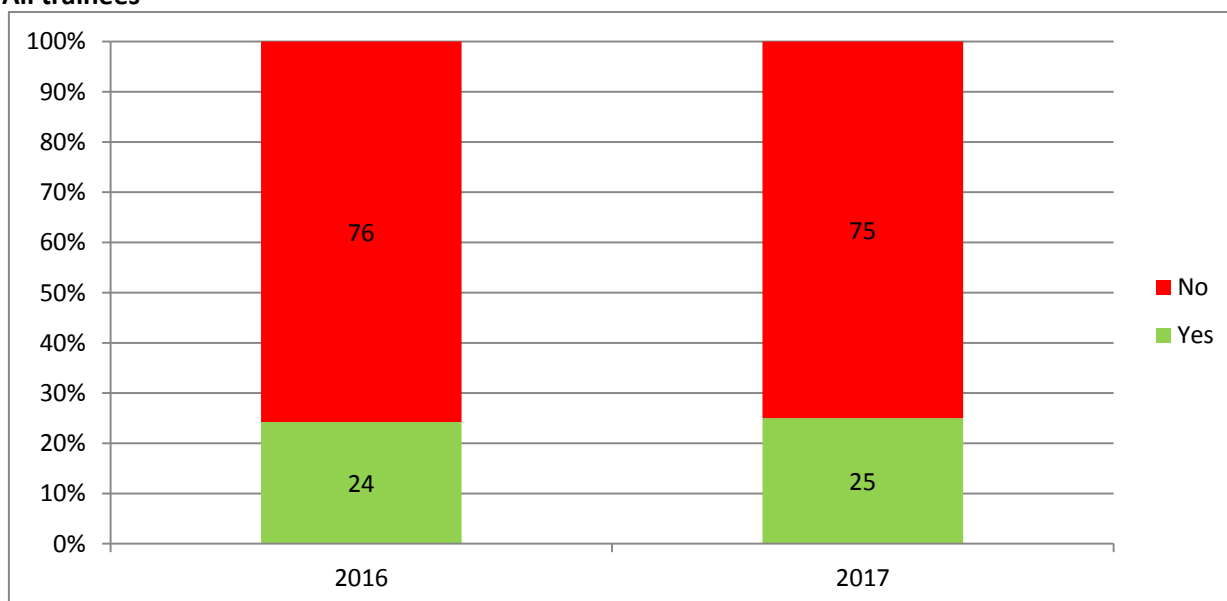
Deanery / LETB (% of trainees - reasons for not being involved in research)

		East of England	London (N, C & E)	London (NW)	London (South)	North West	Scotland
Discouragement from supervisor(s)	2016	25					
	2017						
Lack of funding for research	2016						
	2017	17		33			17
Lack of opportunities to undertake research	2016	25					
	2017	17		33			
N/A (I am involved in research)	2016	50	100	100	100	100	100
	2017	83	100	67	100	100	100
None of the above	2016						
	2017						
Other	2016		14				33
	2017						
Preference for clinical work	2016	25	14	33			
	2017		17				

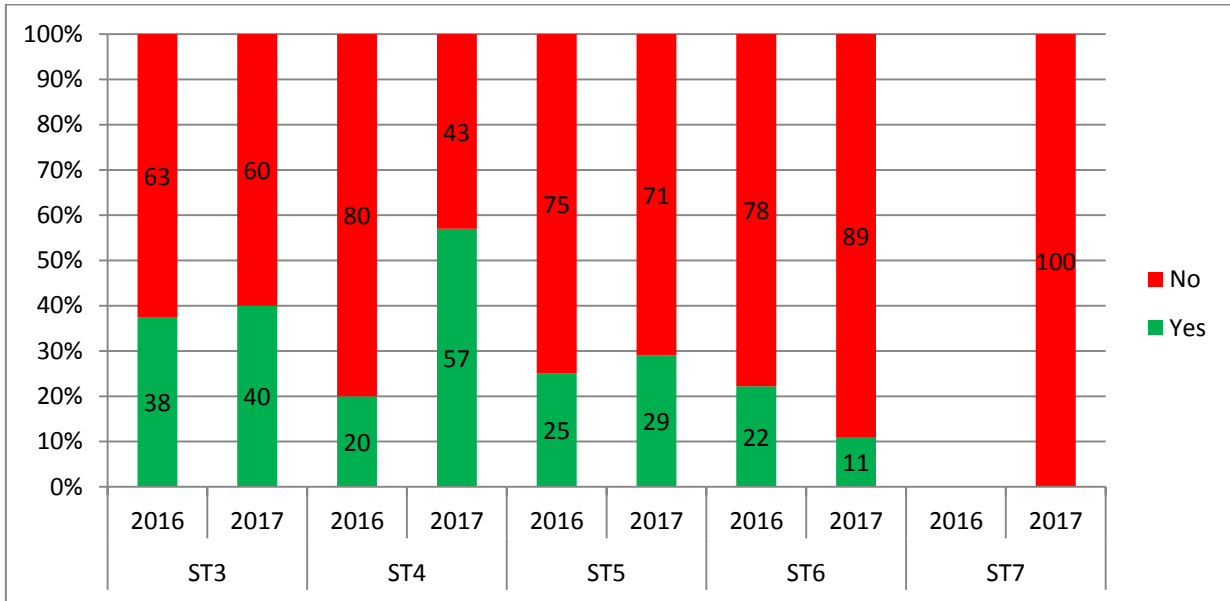
Q11. Do you currently intend to apply for time out of programme (OOPT, OOPE, OOPR, or OOPC) within the next 12 months?

(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8) 2016: n=33, 2017: n=36

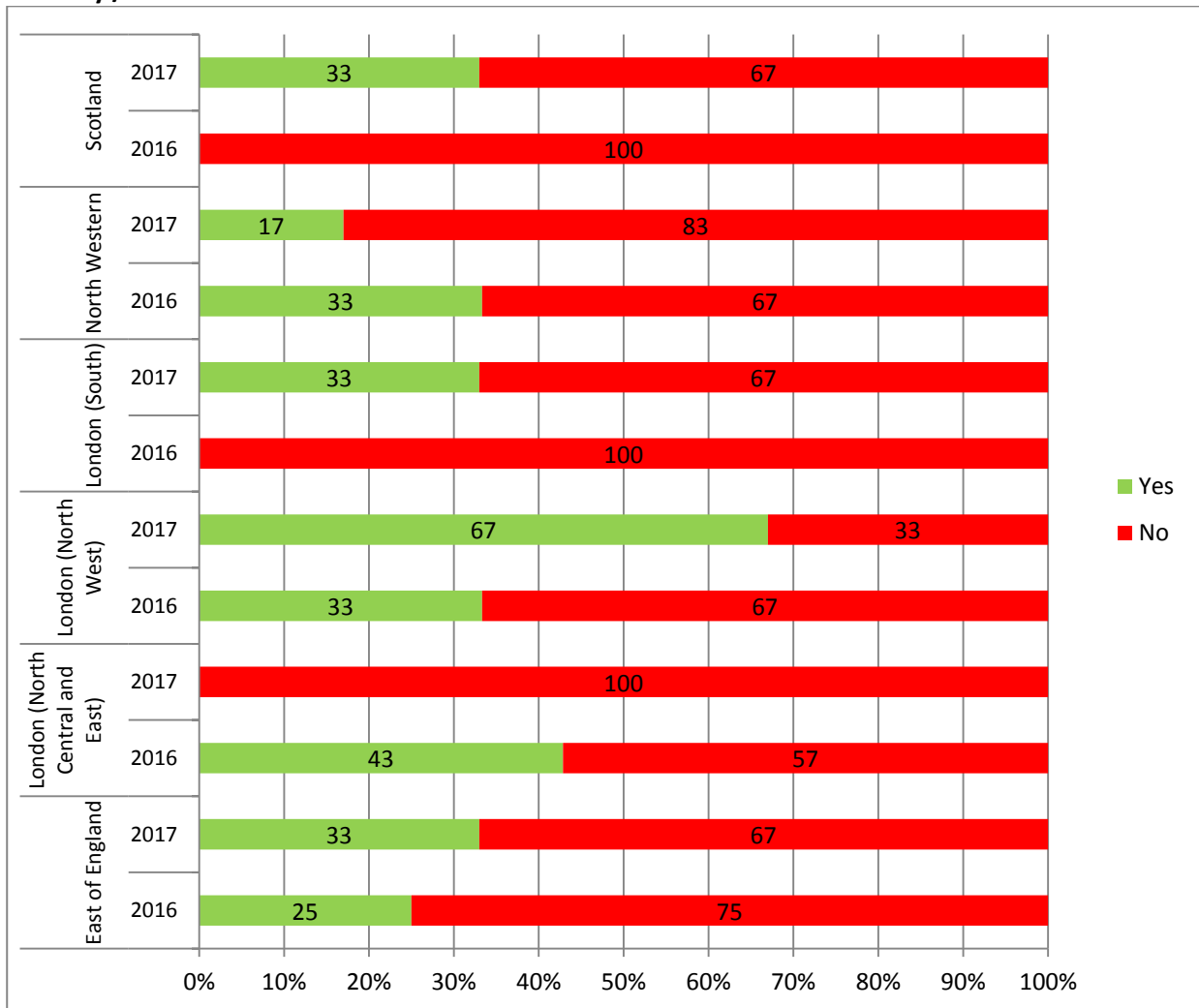
All trainees



Grade

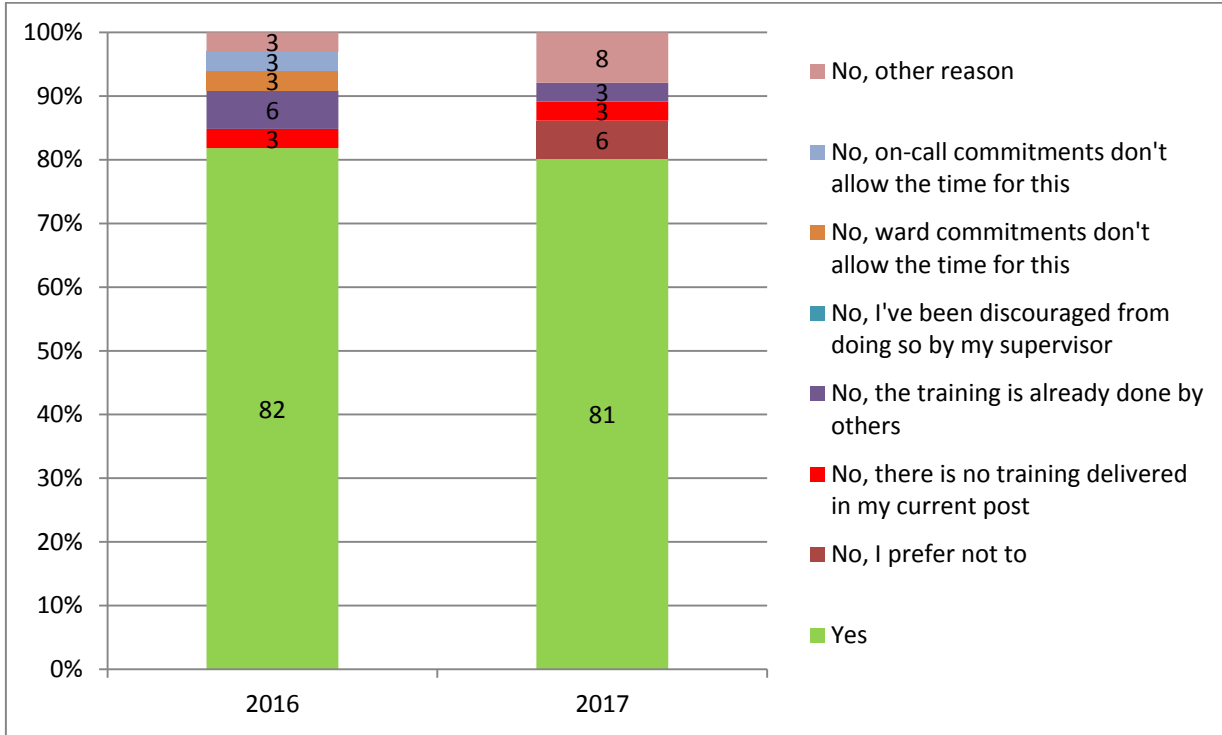


Deanery / LETB

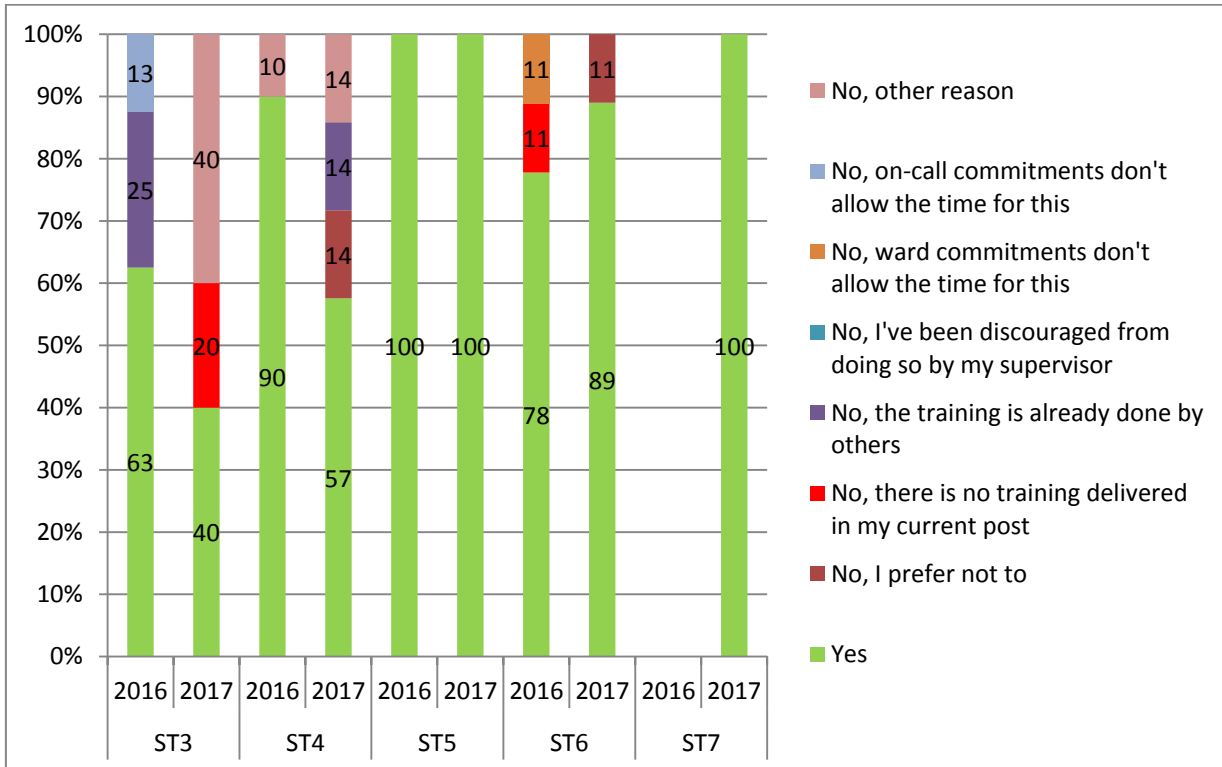


Q12. In your current post, do you contribute to prescribing/therapeutics education or training activities?
 (This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8) 2016: n=33, 2017: n=36

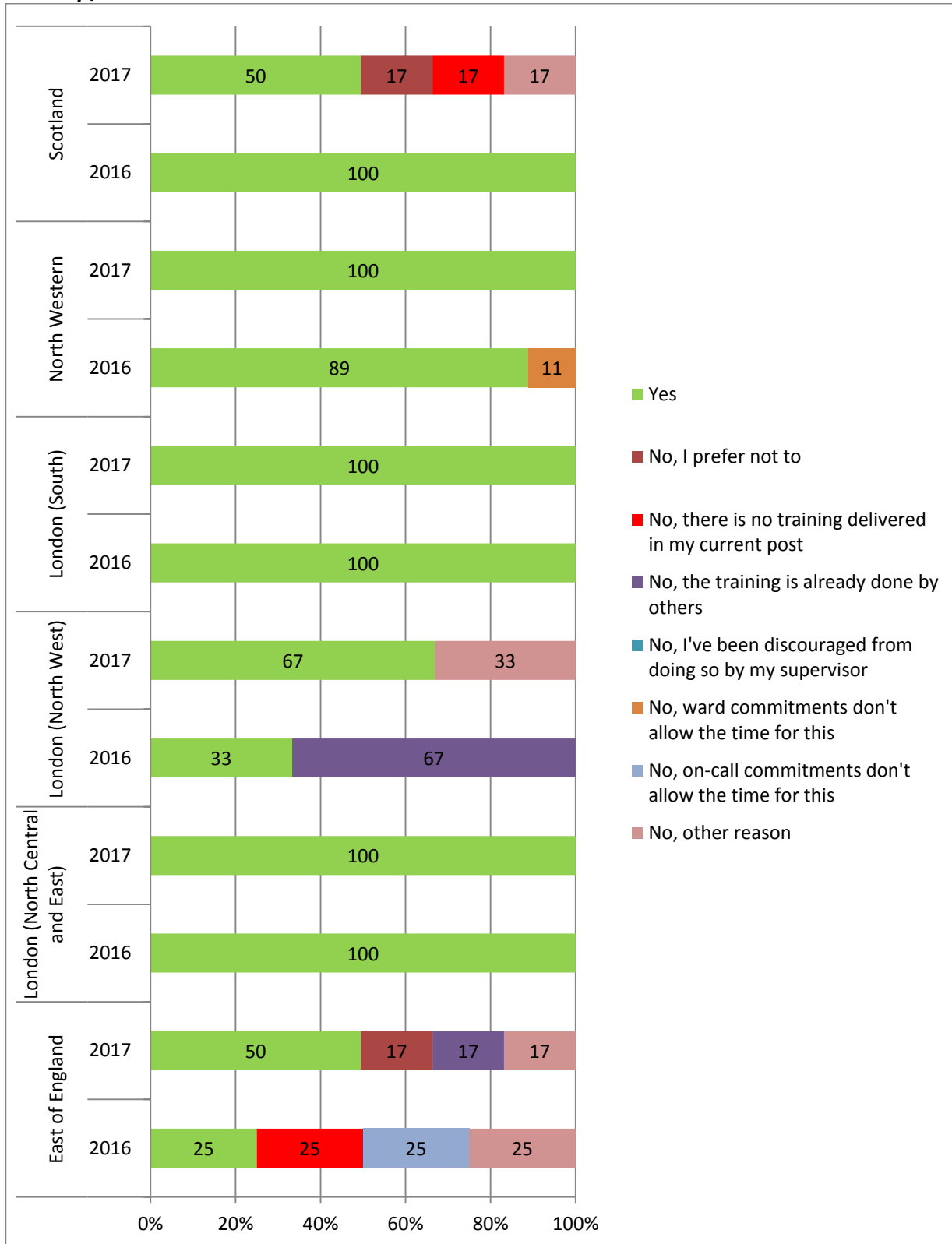
All trainees



Grade



Deanery / LETB

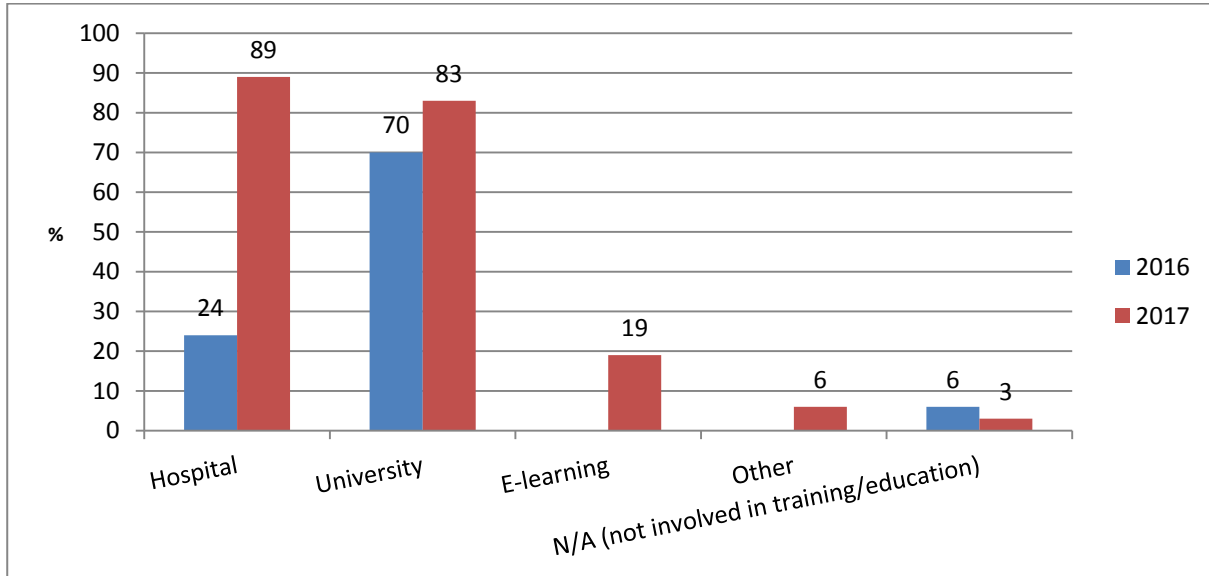


Q13. In your current post, which of the following settings do you contribute to training in? (select all that apply)* (This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8)

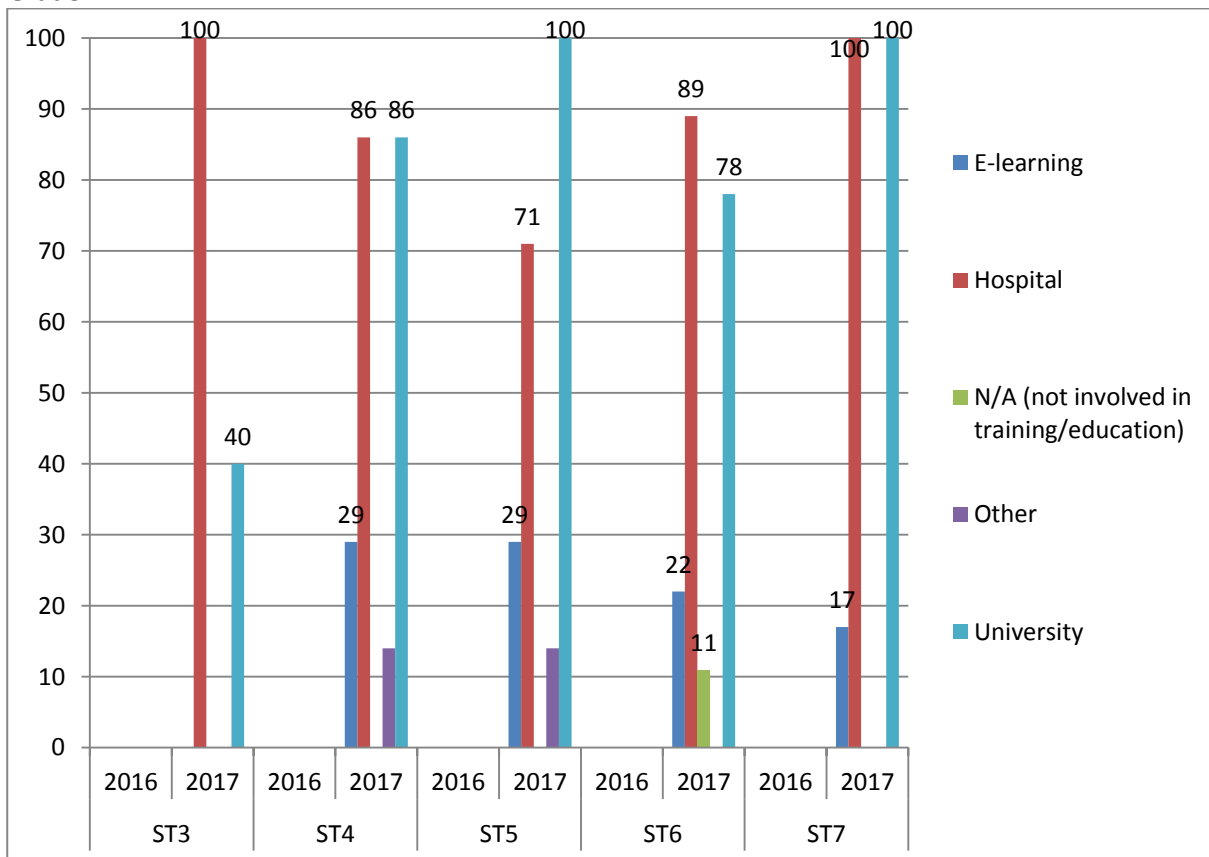
2016: n=233, 2017: n=36

* In 2016 the question only allowed trainees to pick one answer

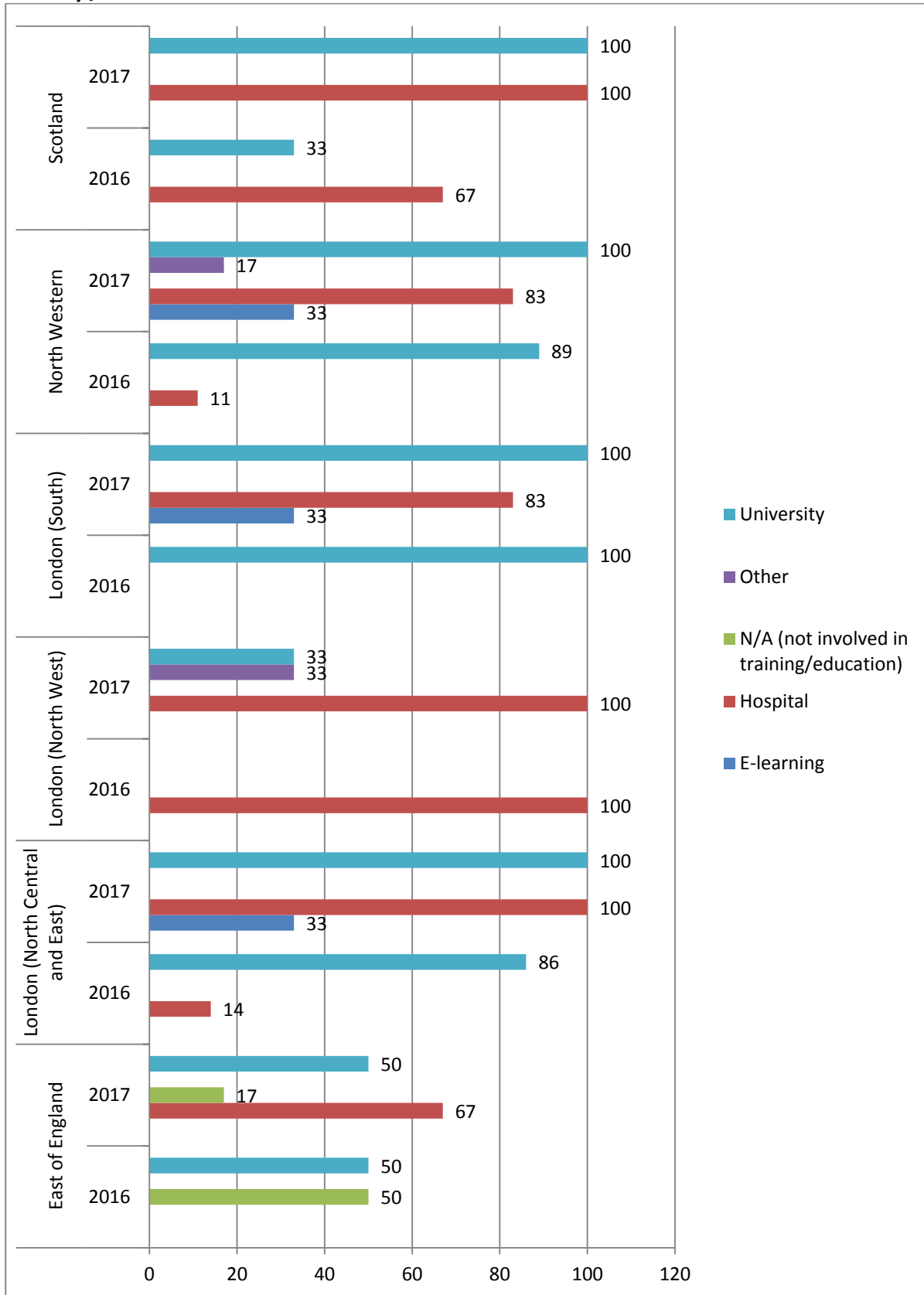
All trainees



Grade



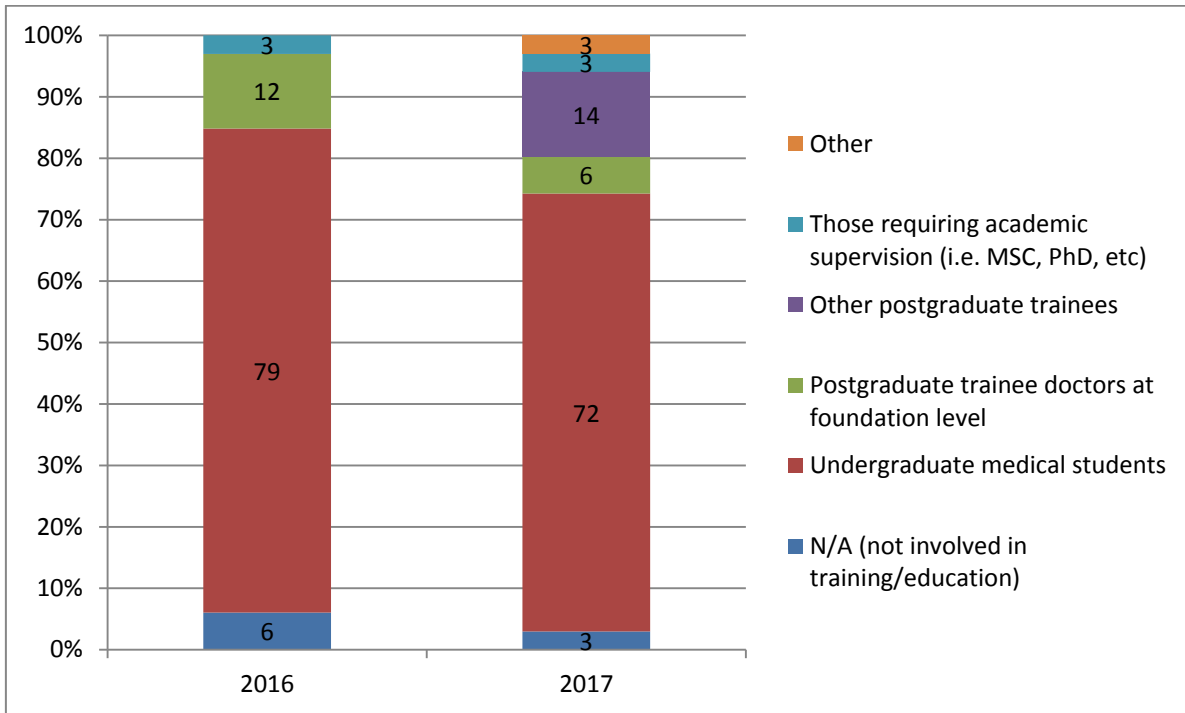
Deanery / LETB



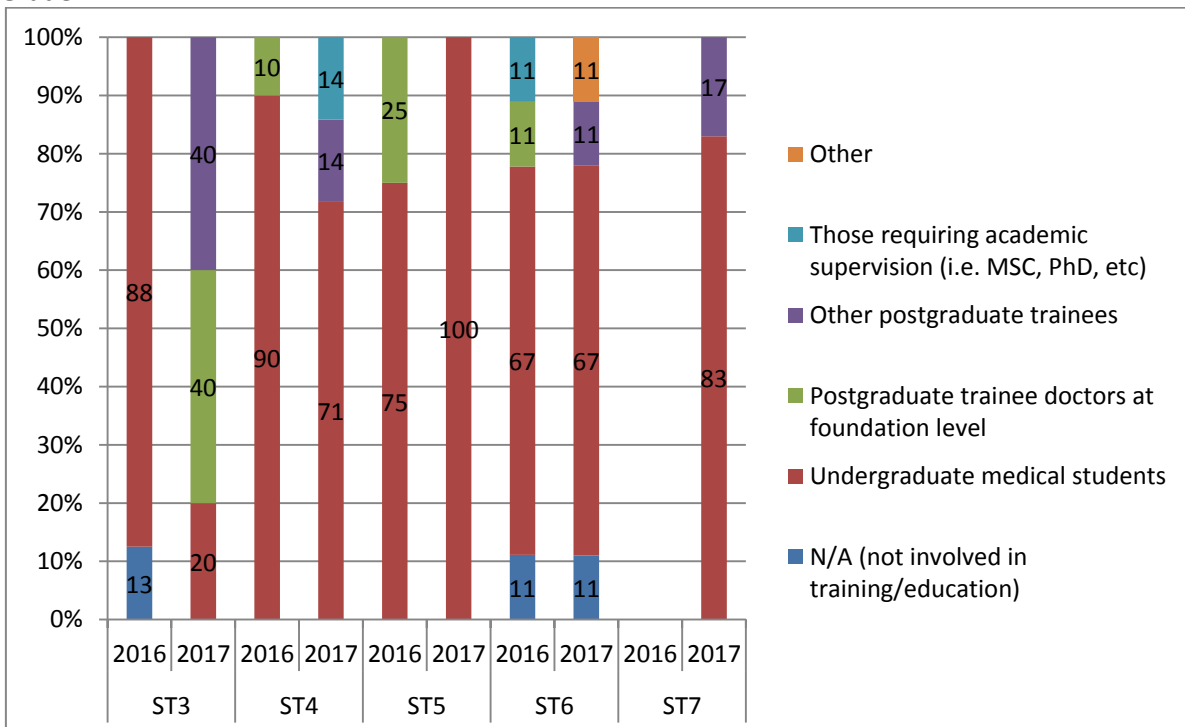
Q14. In your current post, which of the following groups are you involved in training?

(This question was presented to trainees of the following grades: ST3, ST4, ST5, ST6, ST7, ST8) 2016: n=33, 2017: n=36

All trainees



Grade



Deanery / LETB

