

Ph.D. Exit Survey

Summary of Responses for Academic Year 2014

Group: University of Pennsylvania

CONFIDENTIAL

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2013-14 Ph.D. Exit Survey: Respondents by Graduate Group

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Graduate Group	Year Graduated					
	2009	2010	2011	2012	2013	2014
Engineering Total	32	54	67	46	43	39
Bioengineering	12	25	25	18	18	14
Chemical and Bio-molecular Engineering	6	10	12	5	11	10
Electrical and Systems Engineering	1	2	10	7	4	5
Materials Science and Engineering	7	9	9	6	4	4
Mechanical Engineering and Applied Mechanics	6	8	11	10	6	6
Formal Science Total	33	24	24	34	27	56
Applied Math and Computational Science		1	.	.	3	5
Bio-statistics						5
Computer and Information Science	12	8	10	11	12	14
Mathematics	13	9	10	9	5	17
Operations and Information Management	1	3	1	8	6	5
Statistics	7	3	3	6	1	10
Humanities Total	67	77	86	82	37	65
Africana Studies					1	.
Ancient History	2	3	.	1	1	2
Architecture	4	4	5	.	3	2
Art and Archeology of the Mediterranean World	1	1	6	2	1	2
Classical Studies	3	4	2	7	2	3
Comparative Literature and Theory	5	4	2	4	4	6
East Asian Languages and Civilizations	5	0	4	7	3	6
English	11	8	14	15	4	12
Folklore and Folk-life	2	4	.	.	0	1
Germanic Languages and Literatures	2	4	2	.	1	3
History	11	12	15	16	4	11
History of Art	1	6	5	8	3	3
Music	2	5	6	5	1	4
Near Eastern Languages and Civilization	1	7	7	4	1	2
Philosophy	5	4	8	2	1	3
Romance Languages	9	9	6	9	6	3
South Asia Regional Studies	3	2	4	2	1	2
Life Science Total	68	137	144	109	108	146
Biochemistry and Molecular Biophysics	9	12	4	8	7	17
Biology	2	8	9	14	6	9
Biomedical Graduate Studies						10
CAMB - Cancer Biology	3	14	14	4	11	2
CAMB - Cell Biology and Physiology	4	4	8	4	2	11
CAMB - Development, Stem Cell and Regenerativ	2	2	7	5	8	.
CAMB - Gene Therapy and Vaccines	2	3	5	2	8	.
CAMB - Genetics and Gene Regulation	4	12	5	4	2	1
CAMB - Microbiology, Virology, and Parasitolo	5	17	15	13	13	4
Cell and Molecular Biology						16
Epidemiology and Bio-statistics	4	4	9	7	6	5
Genomics and Computational Biology	2	8	2	2	4	8
Immunology	5	15	10	9	8	22
Neuroscience	13	14	21	20	16	17
Nursing	2	13	14	11	7	13
Pharmacological Sciences	11	11	21	6	10	11
Physical Science Total	34	37	52	36	48	46
Chemistry	19	22	33	19	31	31
Earth and Environmental Science	3	1	3	5	4	2
Physics and Astronomy	12	14	16	12	13	13

2013-14 Ph.D. Exit Survey: Respondents by Graduate Group

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

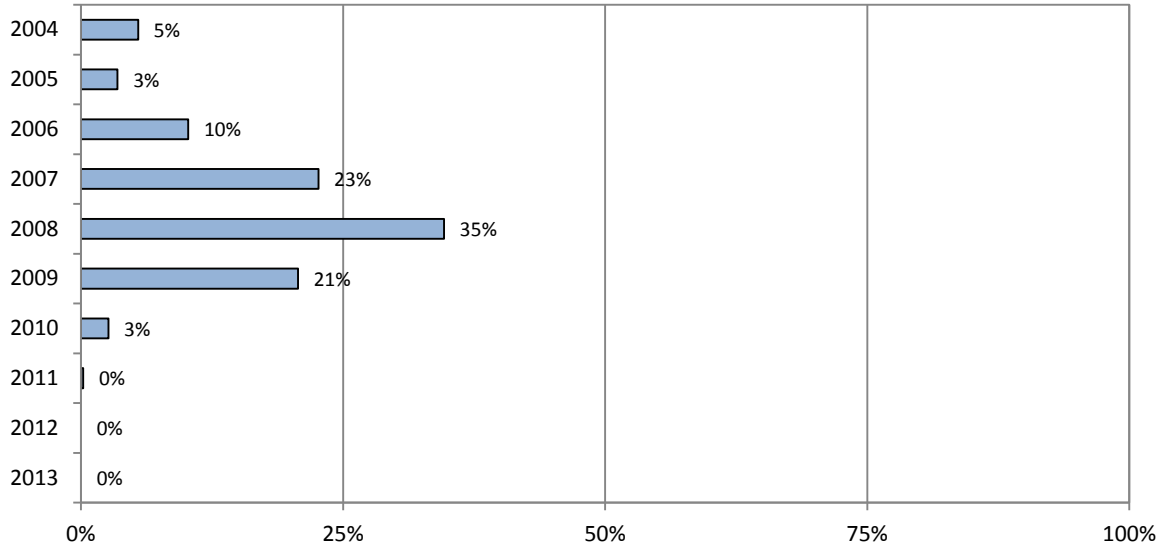
Graduate Group	Year Graduated					
	2009	2010	2011	2012	2013	2014
Social Science Total	110	143	143	110	91	108
Accounting	.	1	3	2	1	1
Anthropology	4	12	5	7	5	3
Applied Economics	2	12	6	2	6	3
City and Regional Planning	2	3	1	2	0	6
Communication	5	18	21	6	11	11
Criminology	.	4	2	1	1	.
Demography	7	1	6	5	3	8
Economics	16	21	16	13	16	19
Education	26	18	23	24	14	23
Finance	.	.	1	2	1	4
Health Care Management and Economics	5	4	6	6	1	2
History and Sociology of Science	2	5	7	.	1	3
Legal Studies and Business Ethics	5	4	2	2	1	1
Linguistics	3	5	5	2	7	3
Management	9	3	4	5	4	3
Marketing	5	4	1	2	1	.
Political Science	3	8	9	7	2	7
Psychology	7	10	6	11	4	5
Social Welfare	5	4	13	7	7	2
Sociology	4	6	6	4	5	4
Other/Missing	3	2	1	0	4	0
University Total	347	474	517	417	358	460

2013-14 Ph.D. Exit Survey: Respondents by Time to Degree

Group: University of Pennsylvania

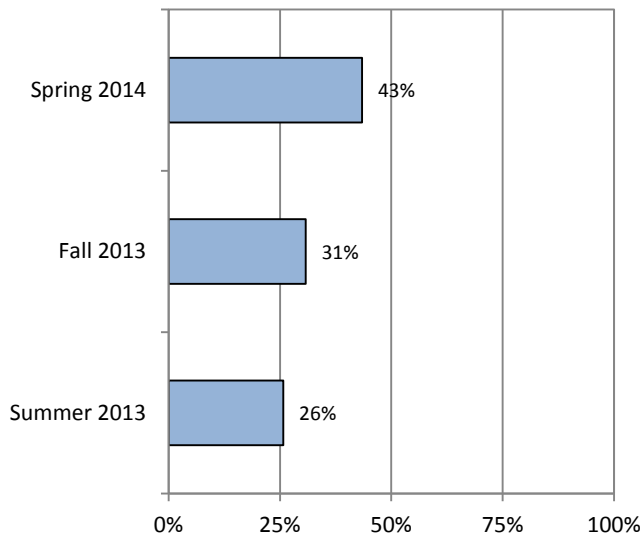
Comparison (Comp): University of Pennsylvania

Figure 2: When did you first enroll at Penn as a graduate student?



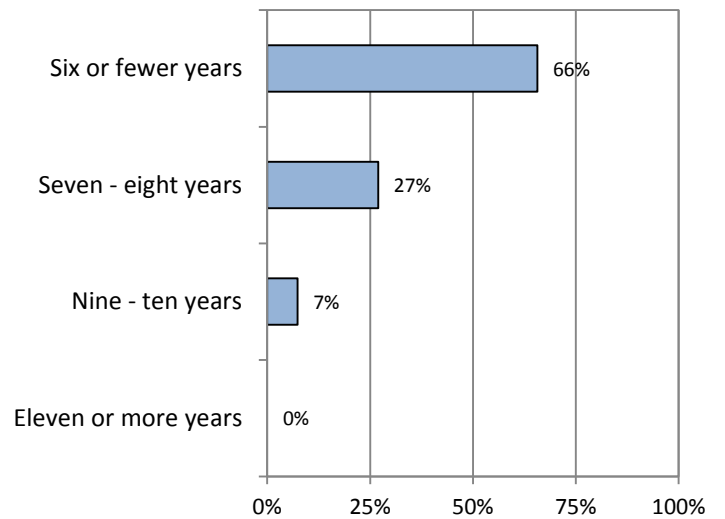
Responses: 459

Figure 3: Degrees Awarded by Term.



Responses: 458

Figure 4: Average Time to Degree: (semester/year degree received - semester/year degree started).



Responses: 460

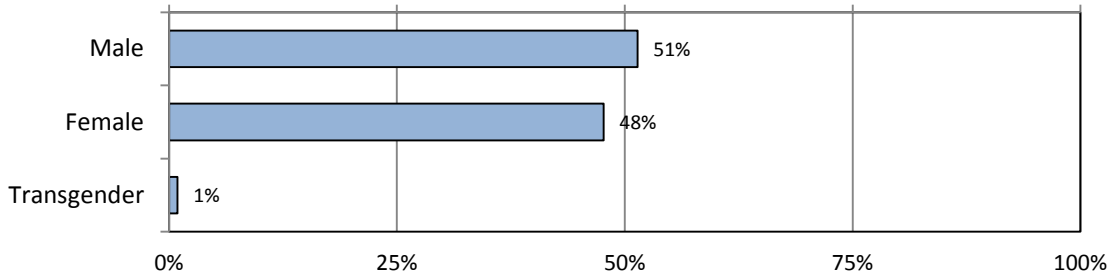
(Mean=5.87, Std=1.32)

2013-14 Ph.D. Exit Survey: Demographics

Group: University of Pennsylvania

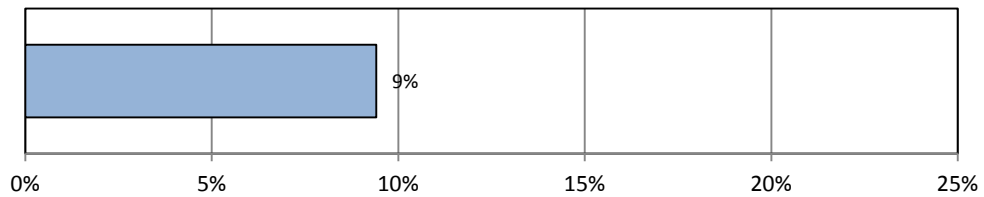
Comparison (Comp): University of Pennsylvania

Figure 5: Respondents by Gender.



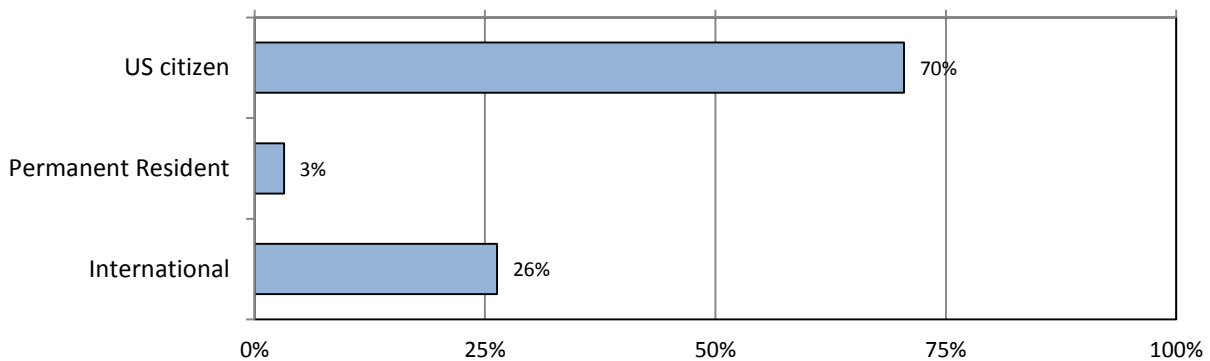
Responses: 430

Figure 6: Percent of respondents who self identified as lesbian, gay, bisexual, or queer.



Responses: 425

Figure 7: Respondents current citizenship status.



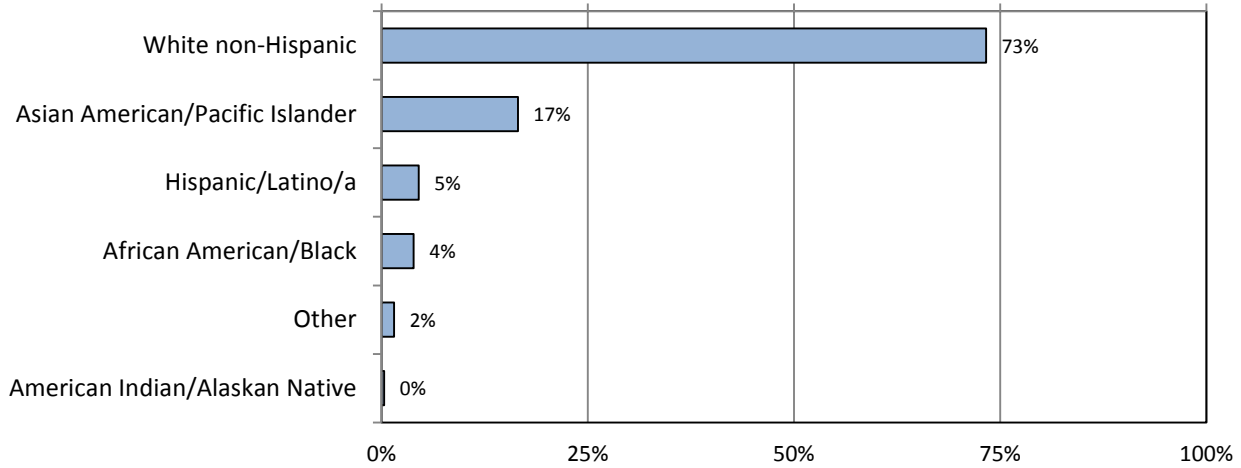
Responses: 437

2013-14 Ph.D. Exit Survey: Demographics

Group: University of Pennsylvania

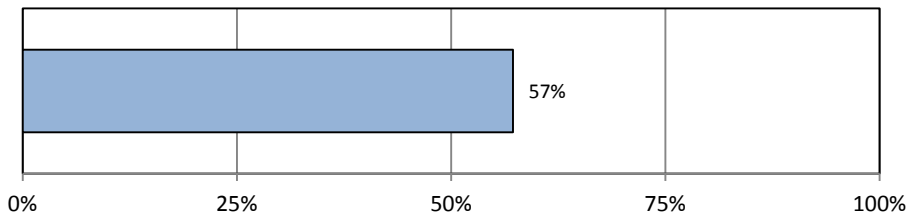
Comparison (Comp): University of Pennsylvania

Figure 8: Respondents by Race (Domestic Students only).



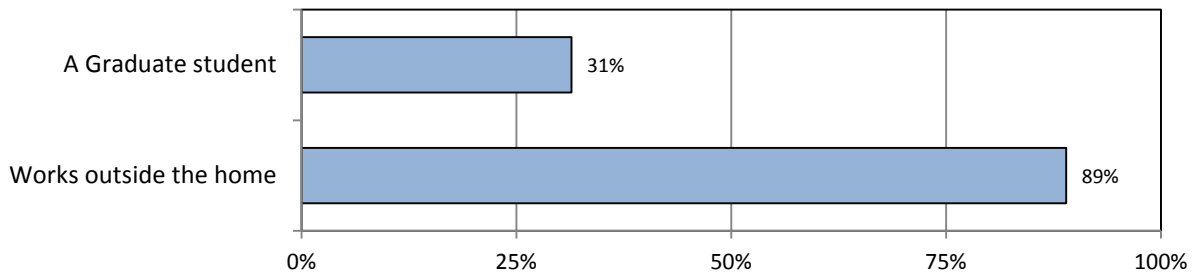
Responses: 333

Figure 9: Percent of respondents who are currently married or living with a long-term partner.



Responses: 428

Figure 10: Percent of respondents spouses or partners:



Responses: 245

2013-14 Ph.D. Exit Survey: Demographics

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 11: Percent of respondents with children.

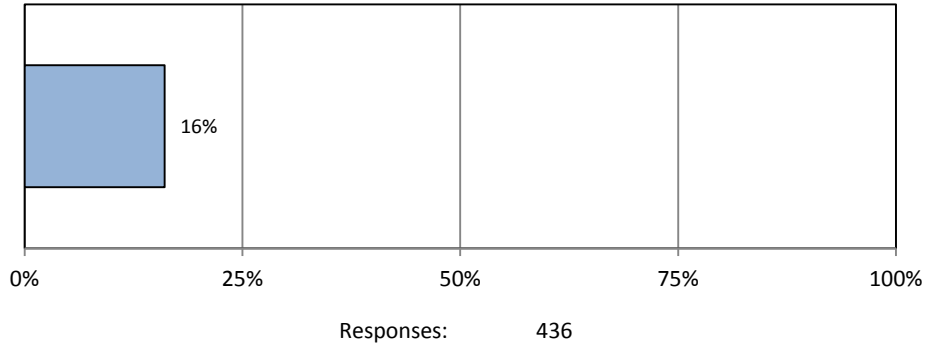


Figure 12: Of those with children, percent who have kids in the following age ranges.

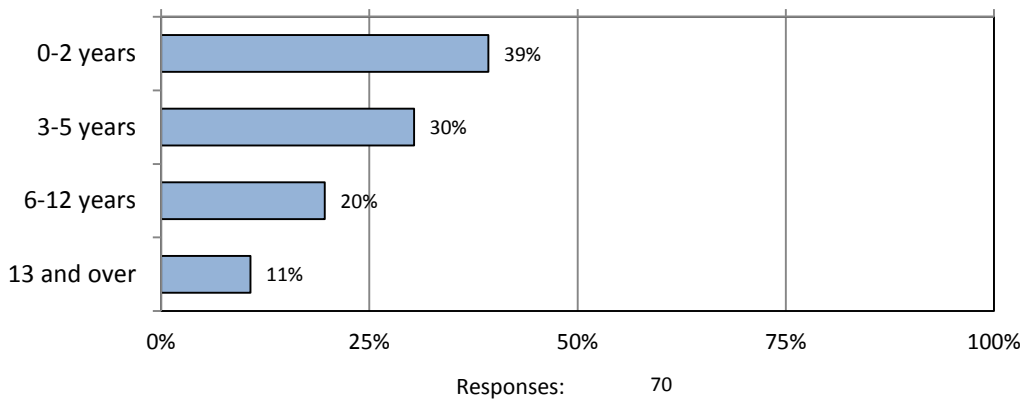


Figure 13: Percent of international students who plan to return to their country for professional employment within the next two years.

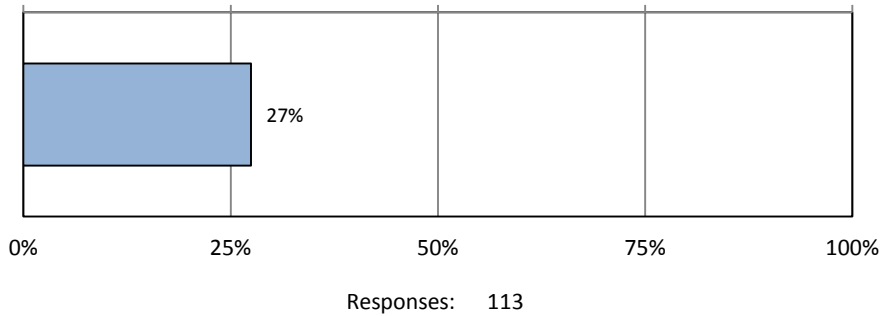
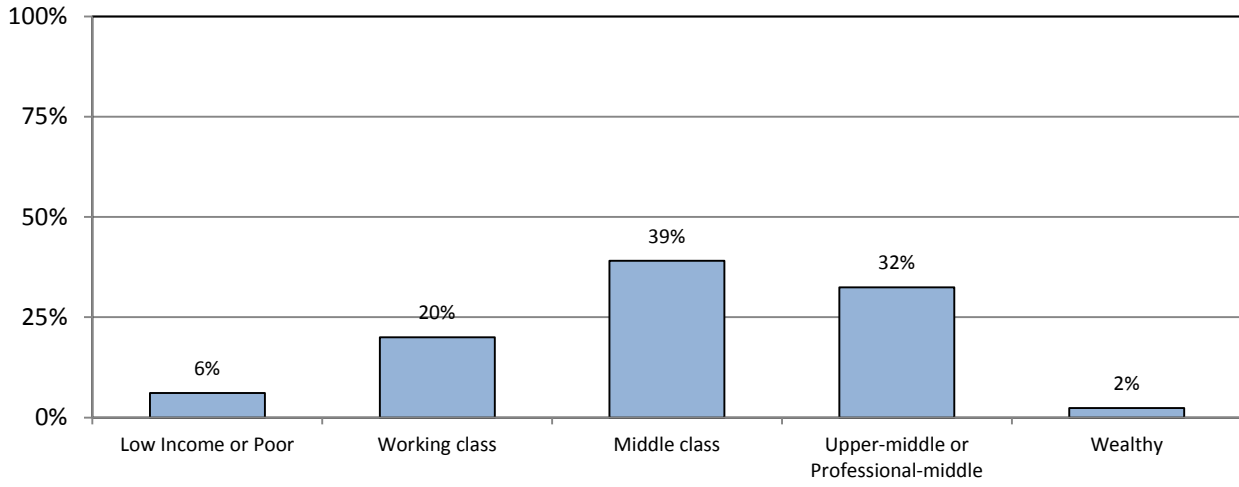


Figure 11: Question was phrased differently beginning in AY 2013-2014.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 14: Respondents (self identified) by Socio-Economic Status.



Responses: 425

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 15: Did your Ph.D program provide you with a formal orientation to help you understand the process of completing your graduate degree?

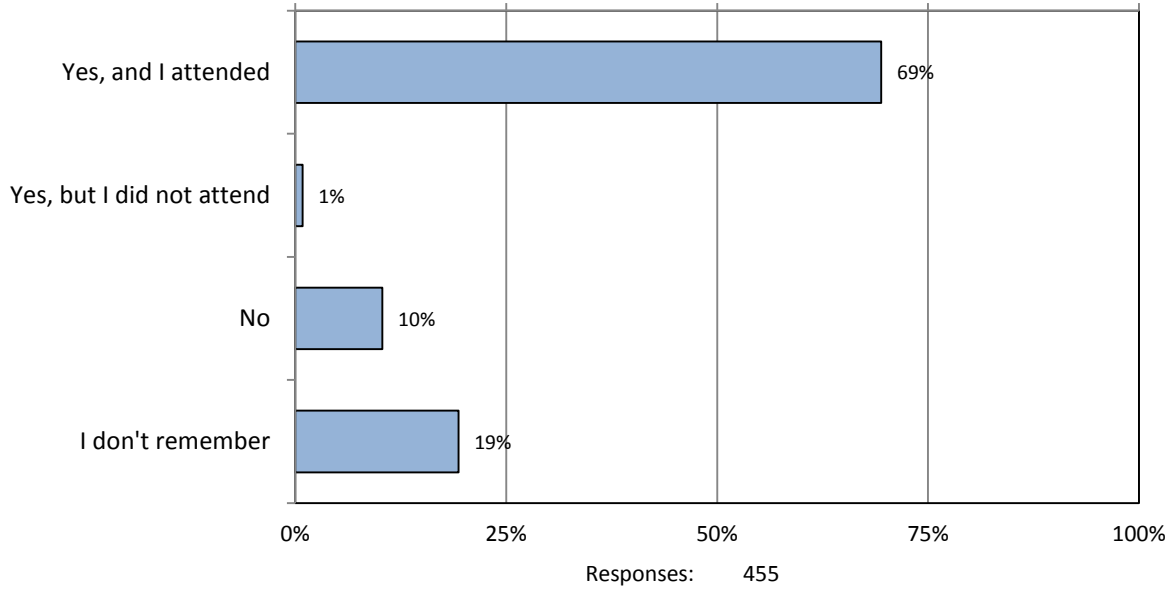


Figure 16: How effective was this orientation in helping you to understand the process of completing your graduate degree?

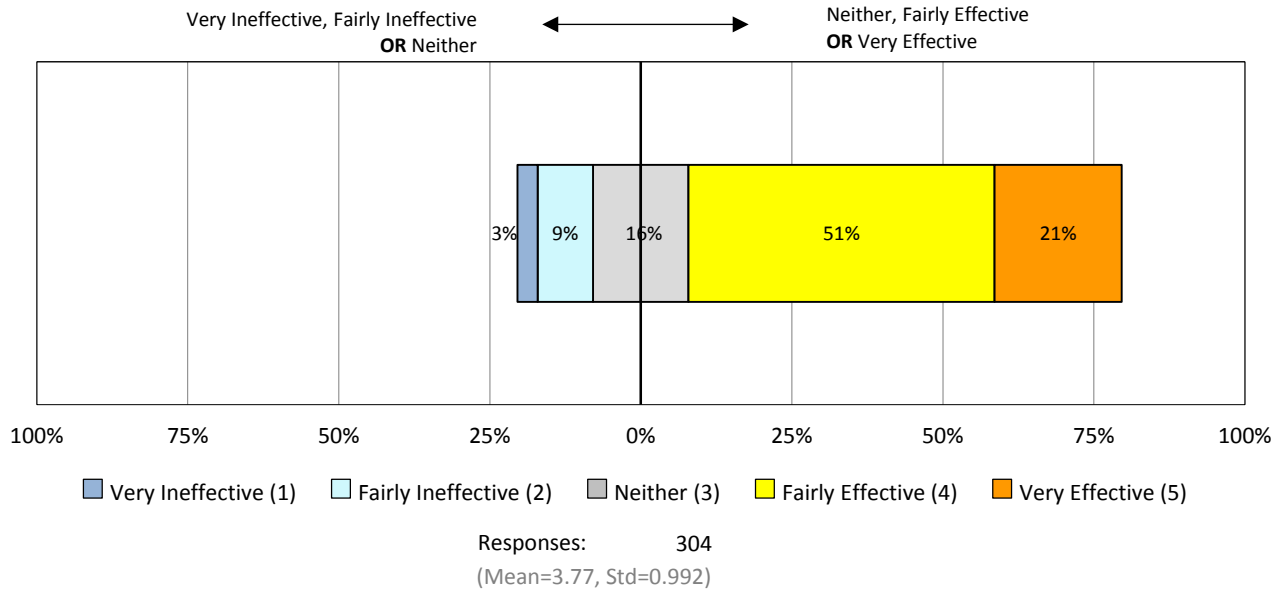


Figure 15: Response categories were modified beginning in AY 2013-2014.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 17: Percent of respondents who received:

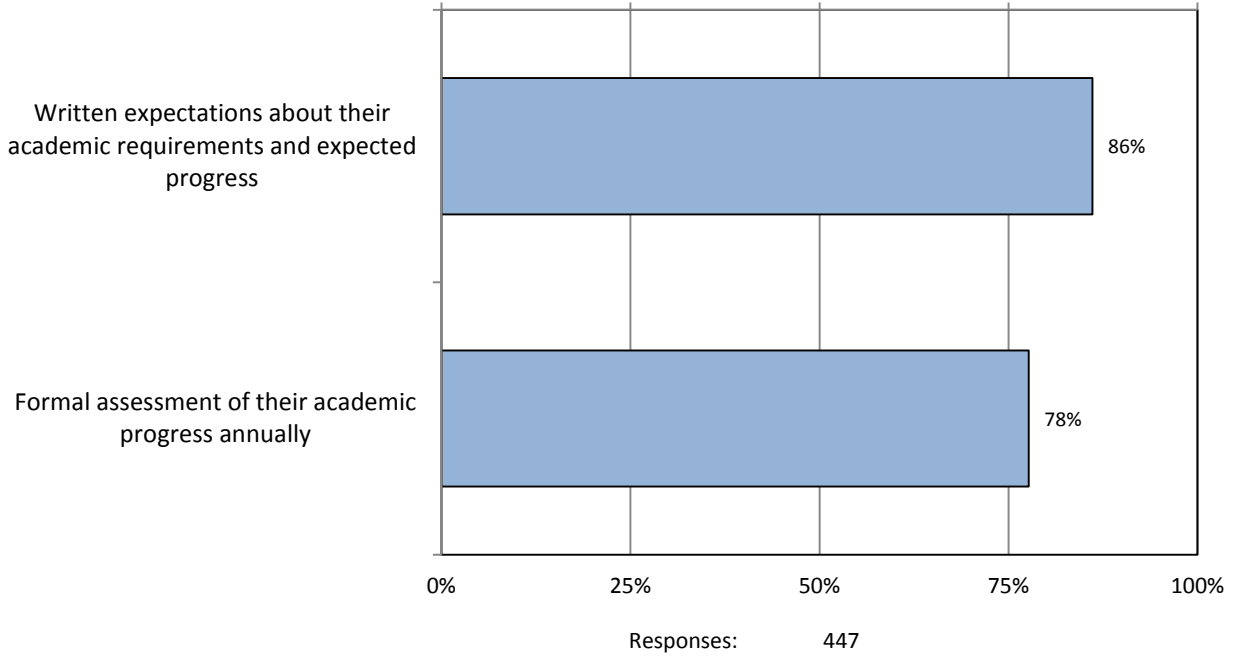
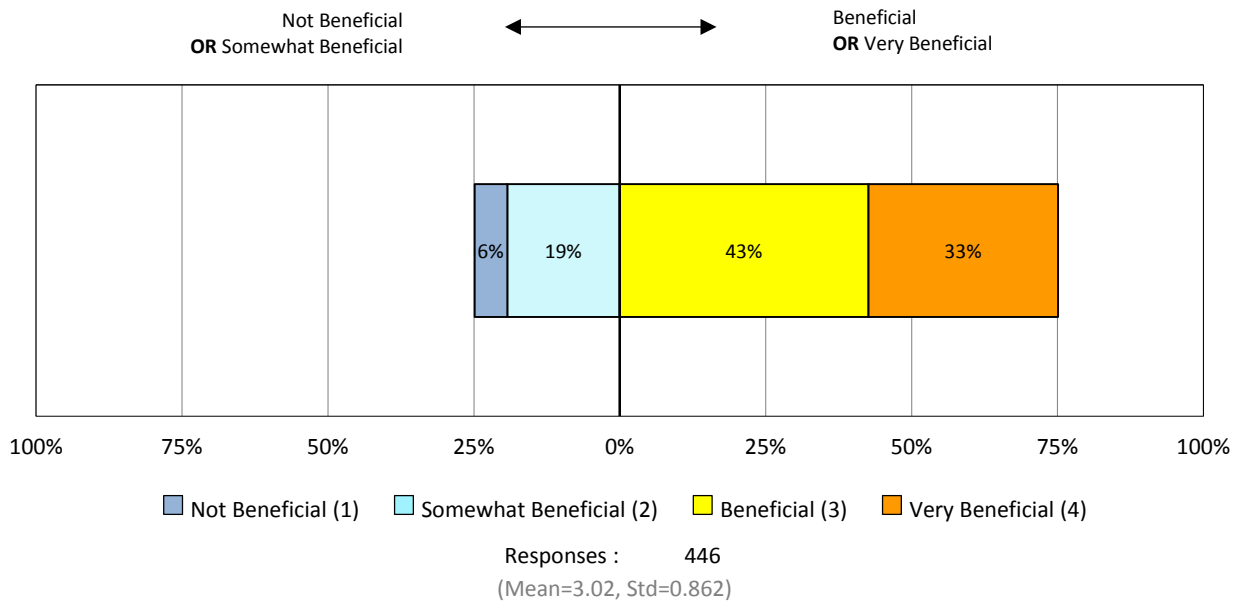


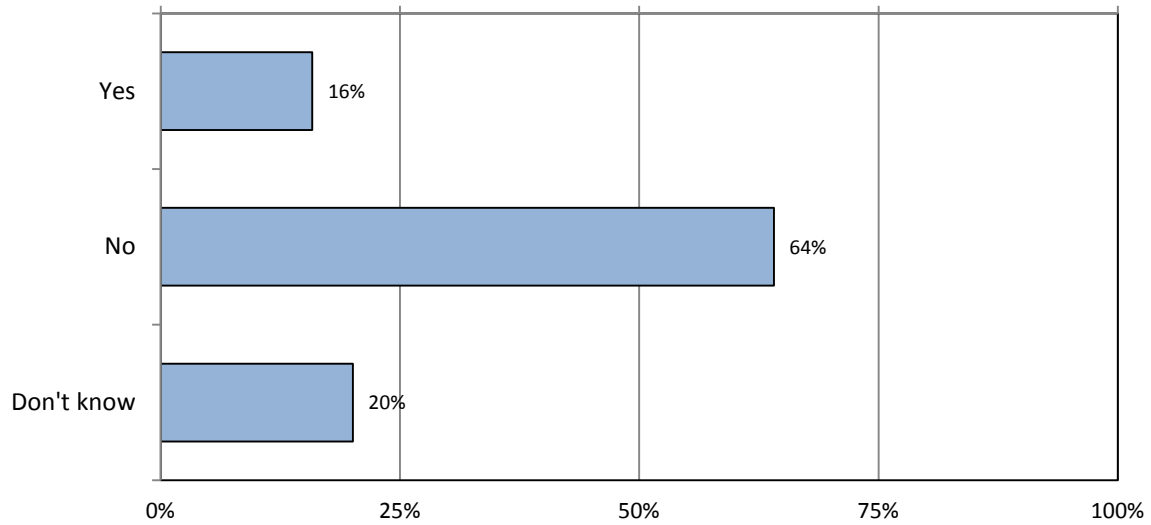
Figure 18: Please consider your Candidacy Exam (the last examination before you undertook your dissertation research). Was this a beneficial educational experience?



Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 19: Do you think the Candidacy Exam in its current form should be modified?

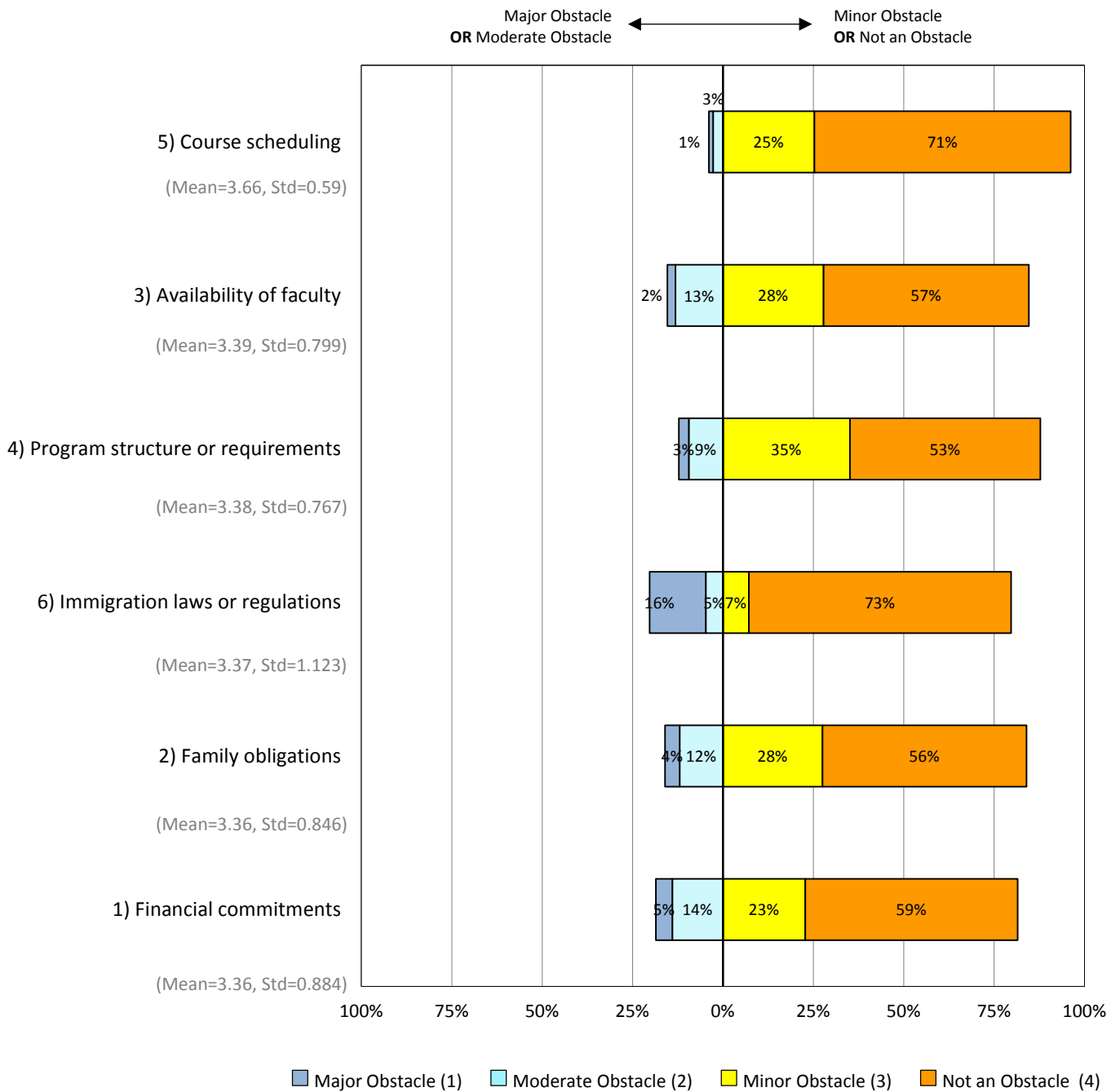


Responses: 448

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 20: To what extent were the following factors an obstacle to your academic progress?



Average Responses per Item: 443

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 21: How many faculty served on your Dissertation committee?

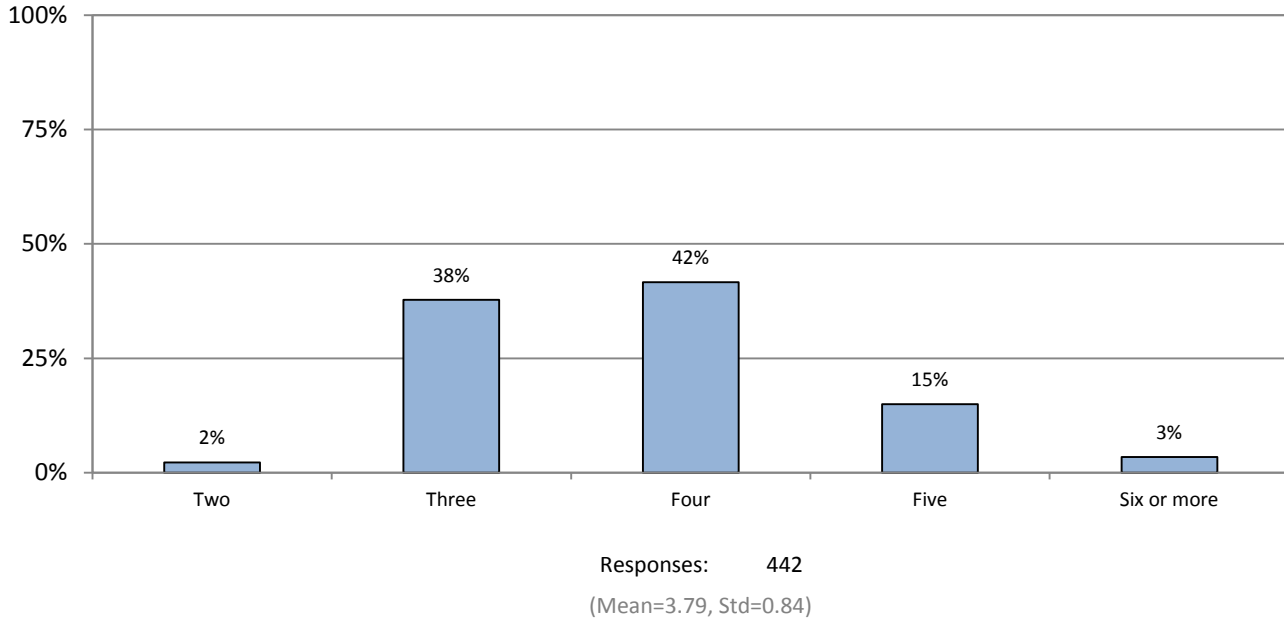
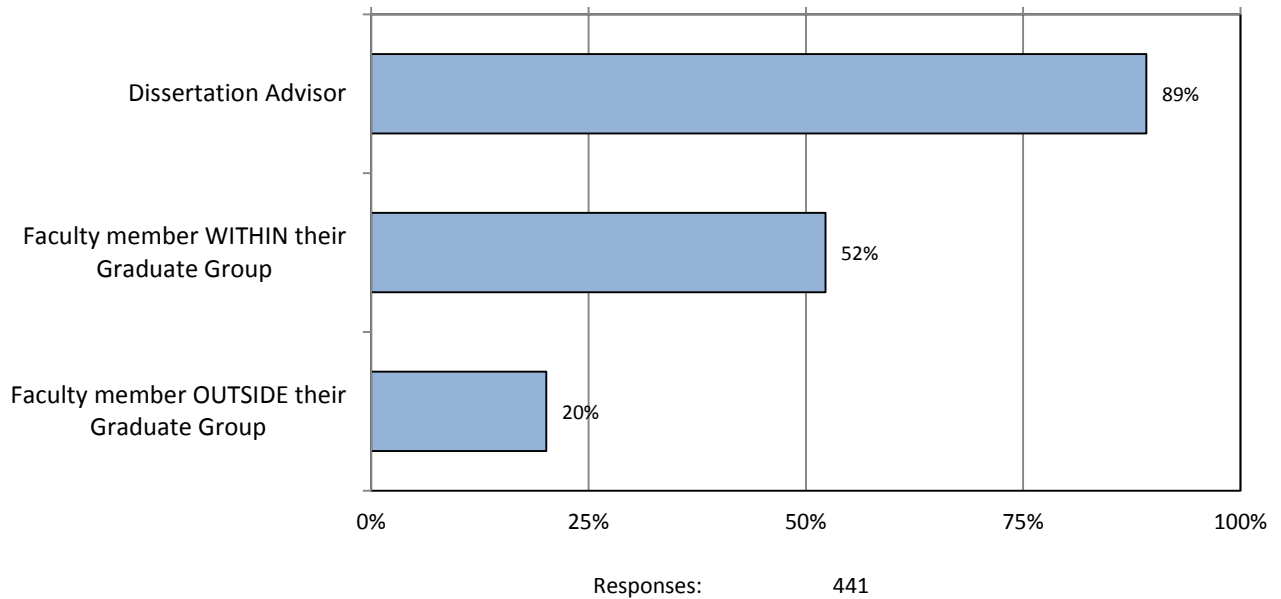


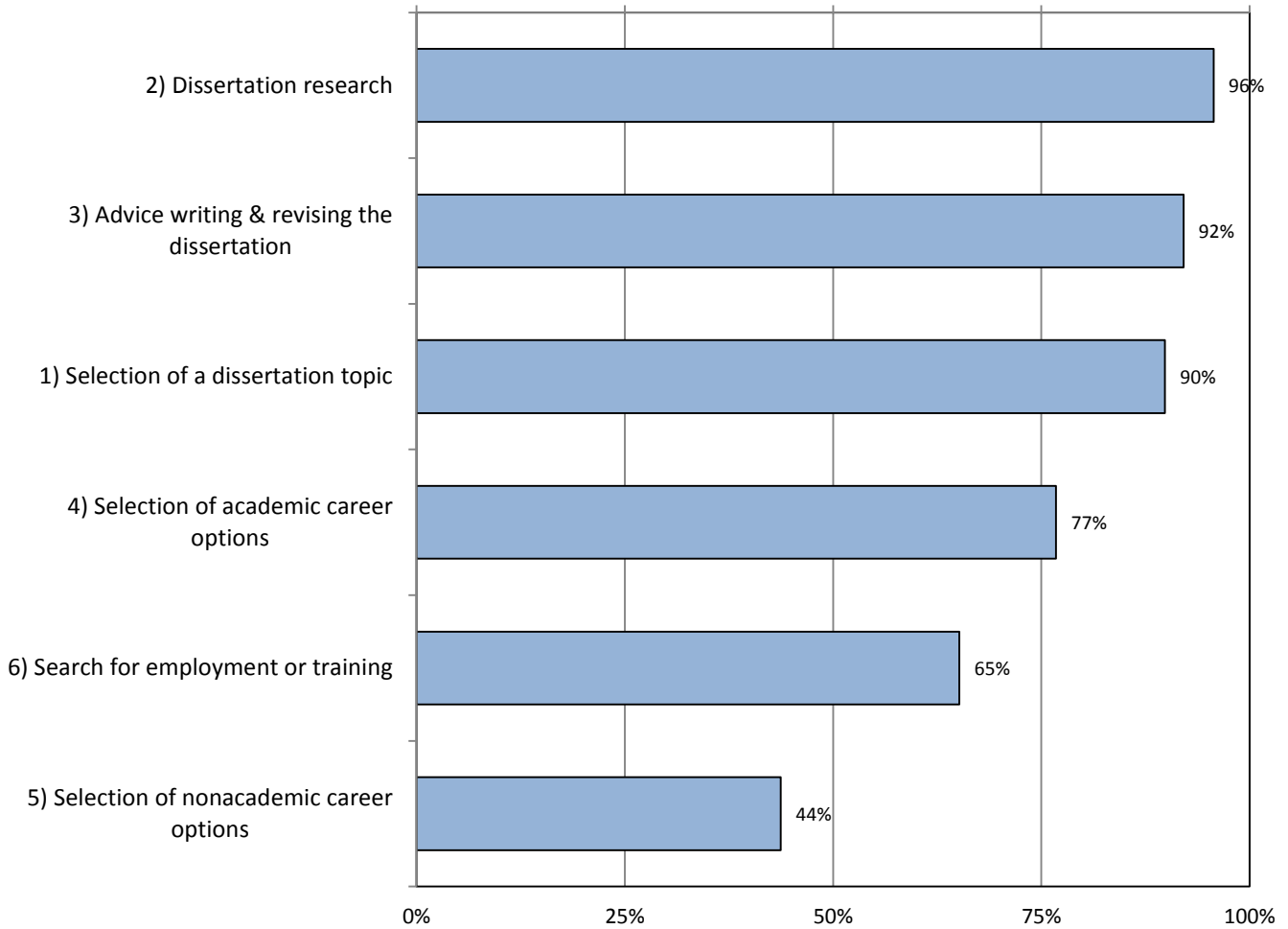
Figure 22: Percent of respondents who received mentoring from:



Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 23: Percent of respondents who received assistance or support from a DISSERTATION ADVISOR on each of the following:



Responses: 440

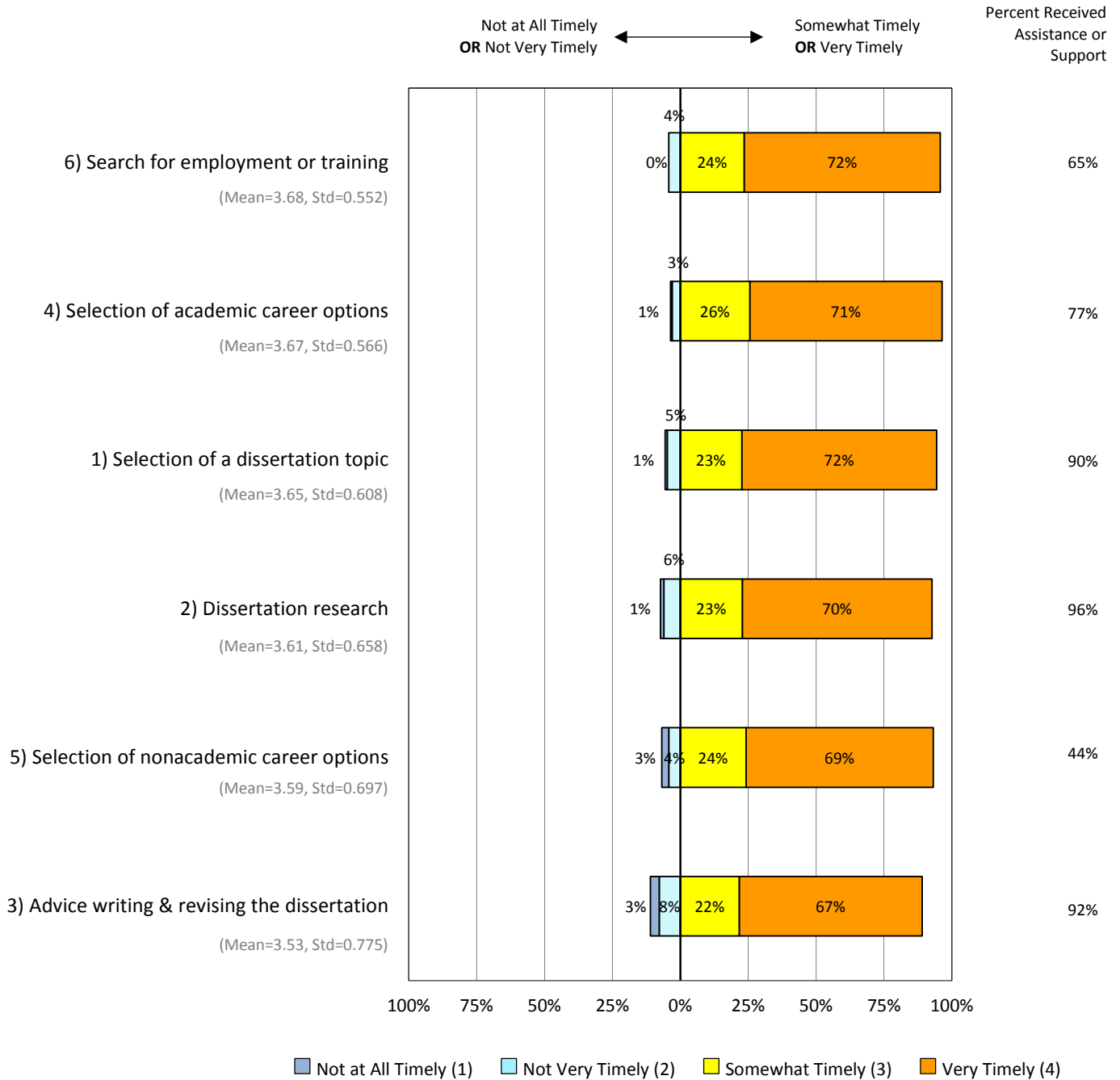
Figure 23: Question added in AY 2013-2014.

2013-14 Ph.D. Exit Survey: Faculty - Dissertation Advisor

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 23a: If you have you received assistance or support from your Dissertation Advisor on each of the following items, how TIMELY was the assistance or support?



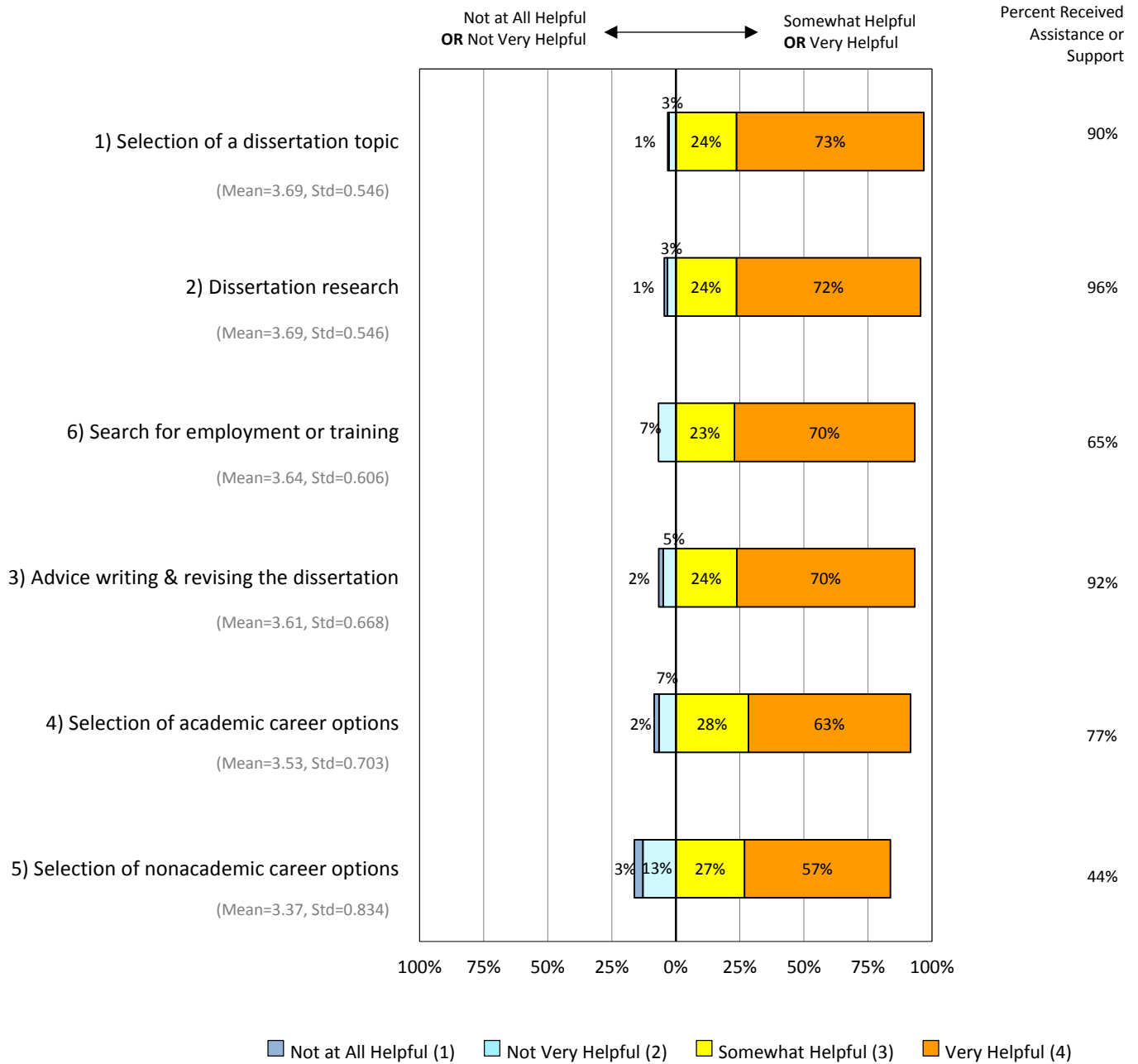
Average Responses per Item: 334

2013-14 Ph.D. Exit Survey: Faculty - Dissertation Advisor

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 23b: If you have you received assistance or support from your Dissertation Advisor on each of the following items, how HELPFUL was the assistance or support?



Average Responses per Item: 322

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 24: Percent of respondents who received assistance or support from a mentor WITHIN Graduate Group on each of the following:

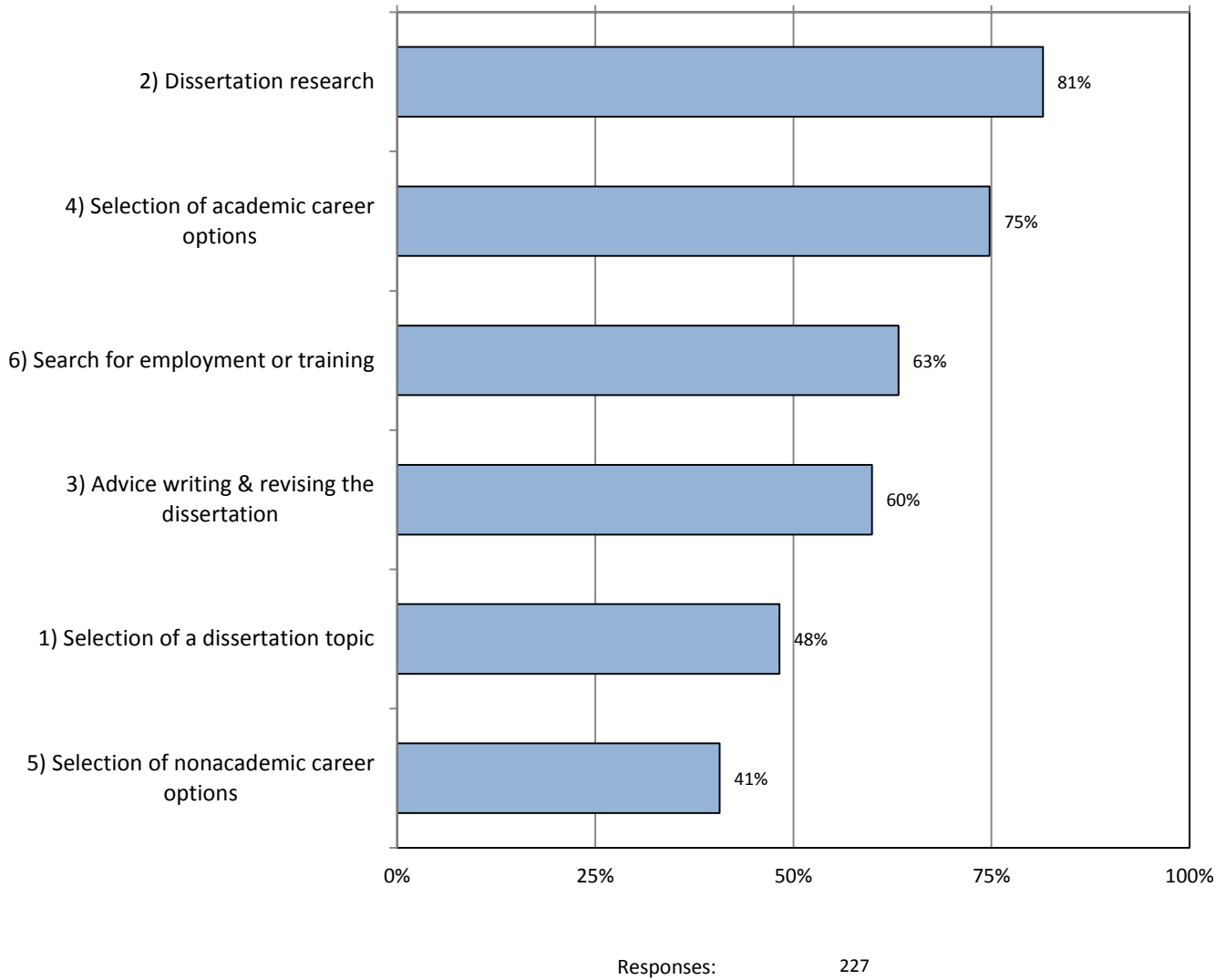
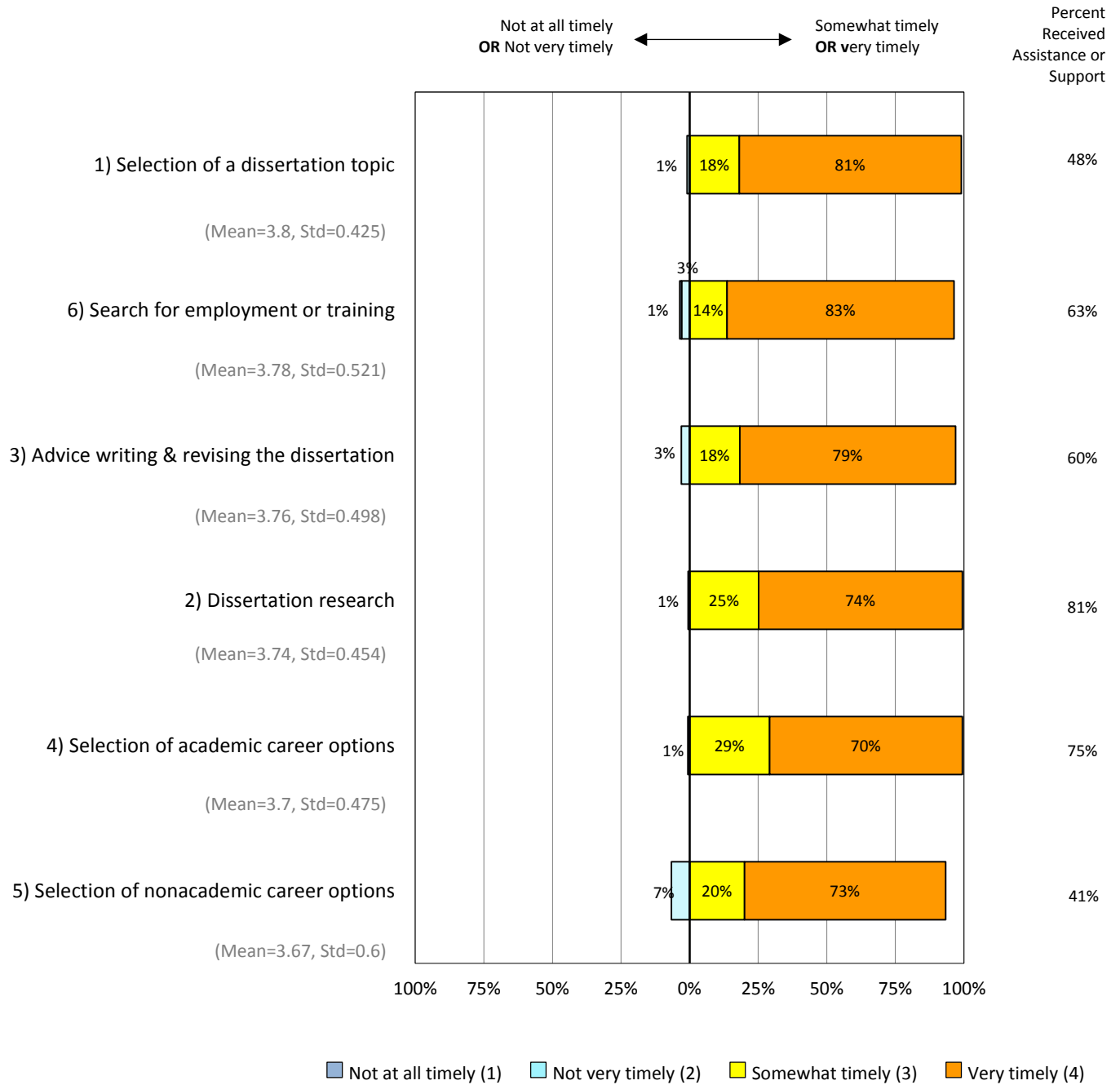


Figure 24: Question added in AY 2013-2014.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 24a: Other than your Dissertation advisor, if you have received assistance or support from a mentor WITHIN your Graduate Group, how TIMELY was the assistance or support?

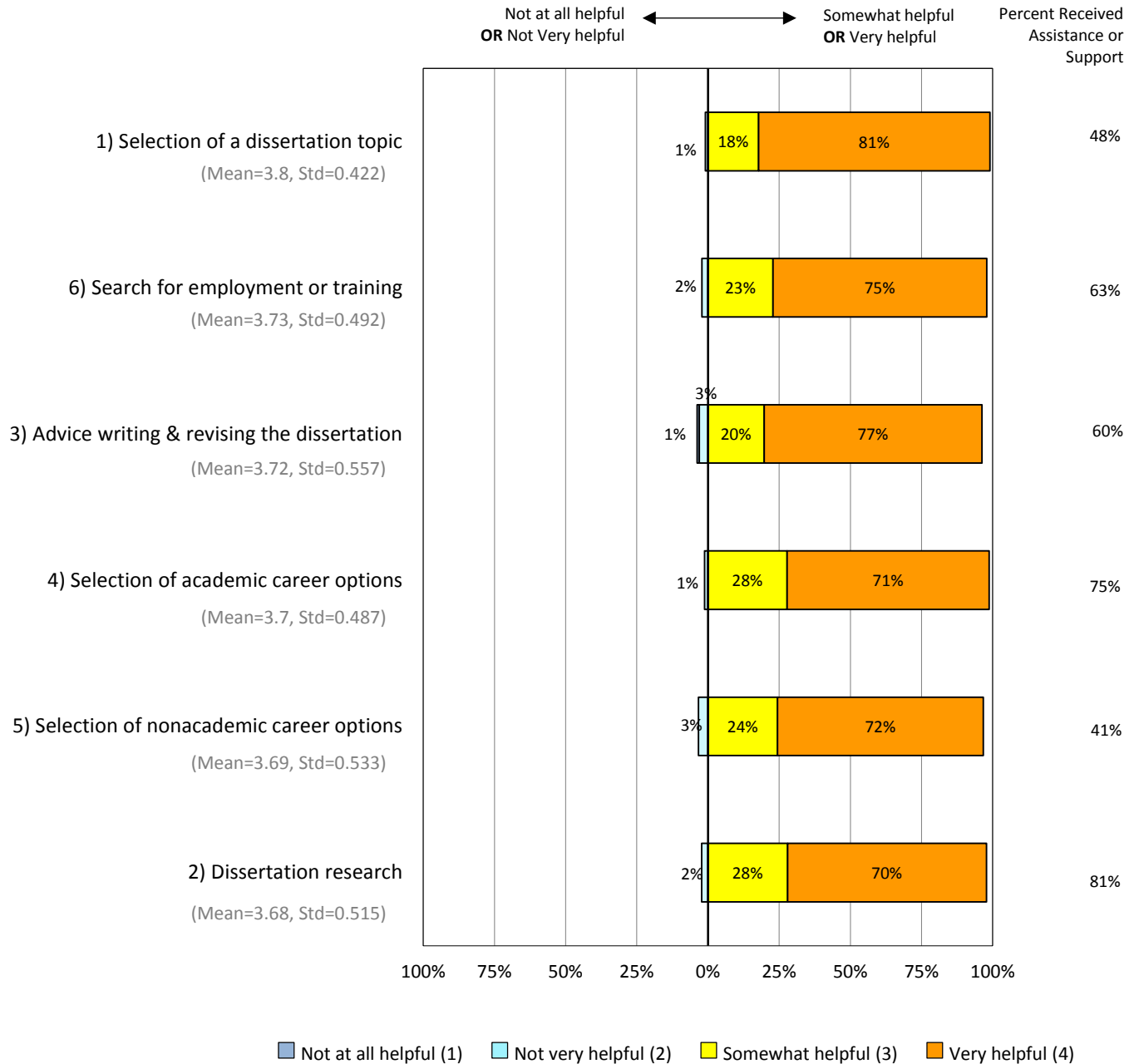


Average Responses per Item: 134

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 24b: Other than your Dissertation advisor, if you have received assistance or support from a mentor WITHIN your Graduate Group, how HELPFUL was the assistance or support?



Average Responses per Item: 135

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 25: Percent of respondents who received assistance or support from a mentor OUTSIDE Graduate Group on each of the following:

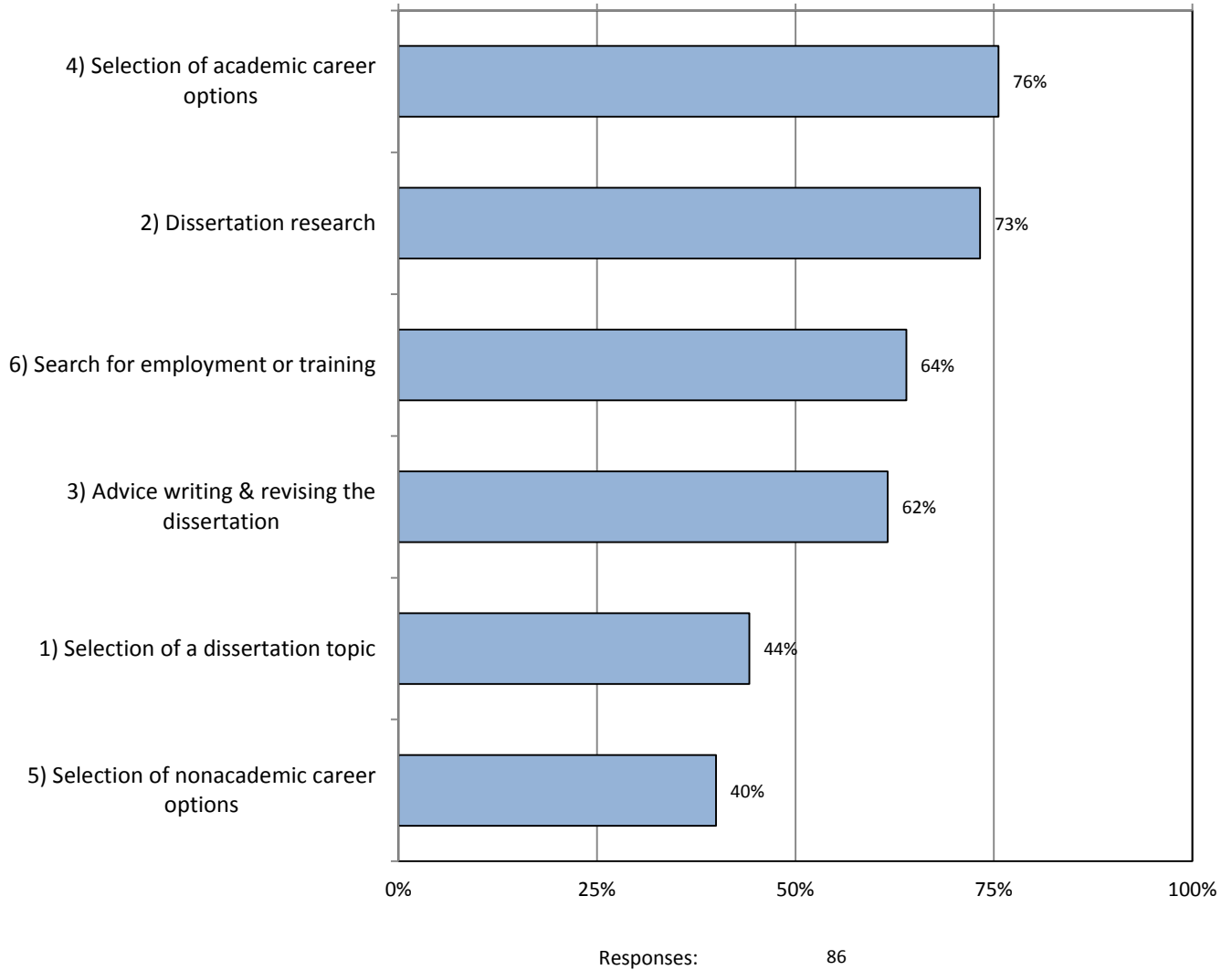
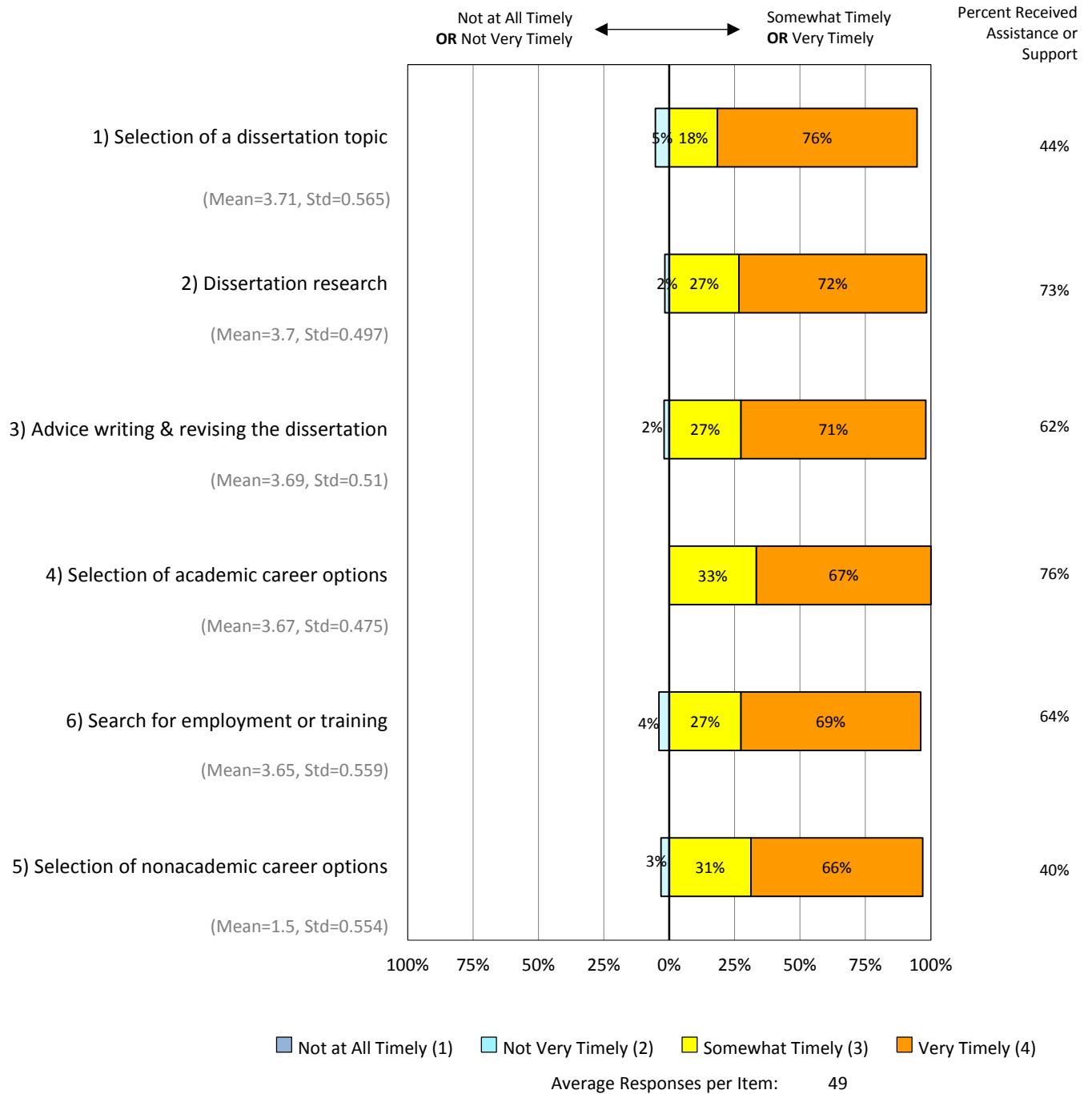


Figure 25: Question added in AY 2013-2014.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

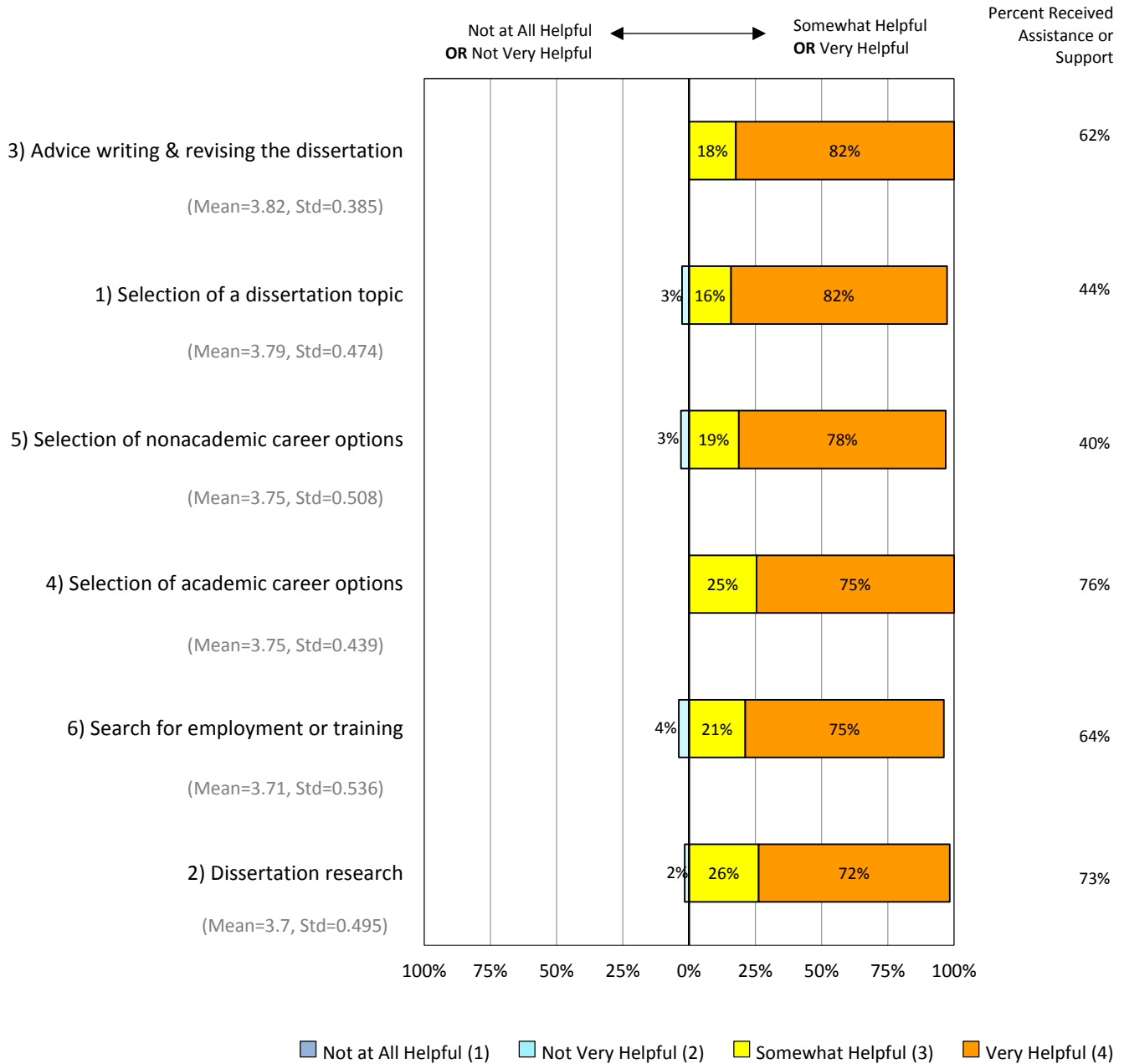
Figure 25a: Other than your Dissertation advisor, if you have received assistance or support from a mentor OUTSIDE your Graduate Group, how TIMELY was the assistance or support?



Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 25b: Other than your Dissertation advisor, if you have received assistance or support from a mentor OUTSIDE your Graduate Group, how HELPFUL was the assistance or support?

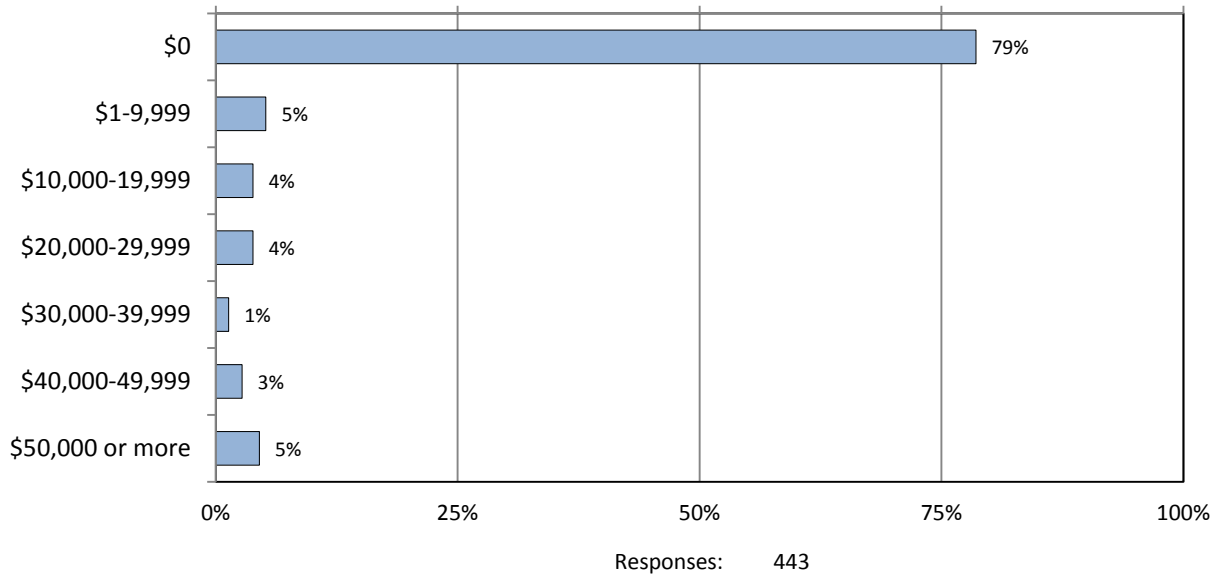


Average Responses per Item: 50

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 26: How much have you borrowed to finance your doctoral education?



**Figure 27: In which years of doctoral study did you borrow?
Please mark all that apply.**

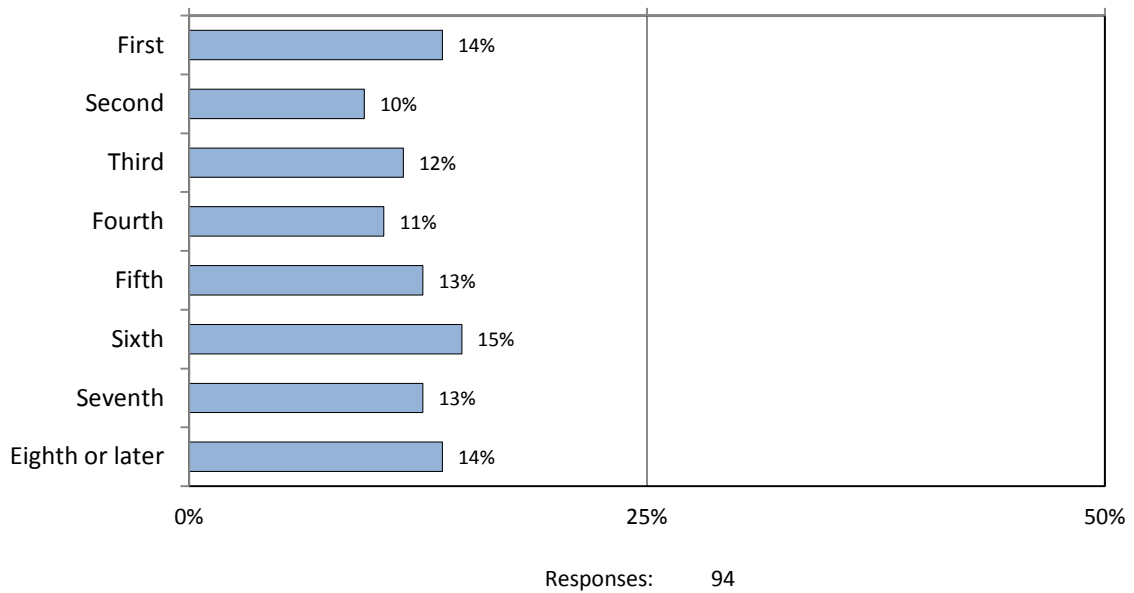
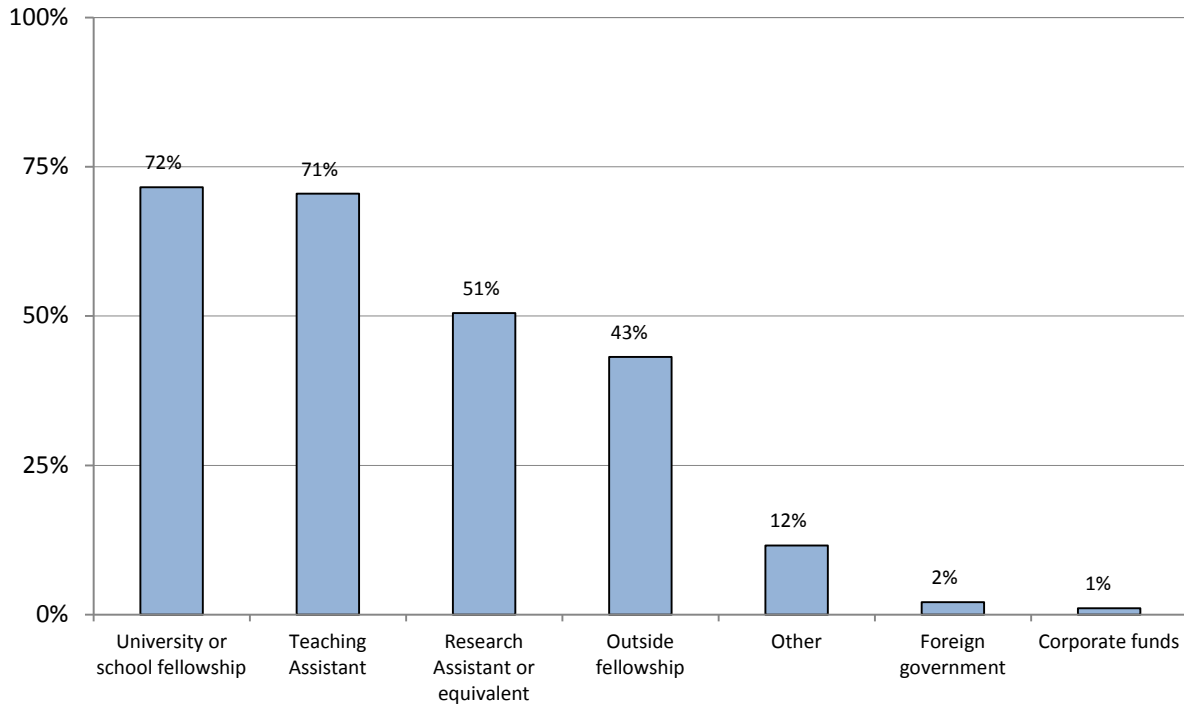


Figure 27: Question was phrased differently beginning in AY 2013-2014.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 28: Percent of respondents who received financial support by category. (Students who received financial support only). Indicate all that apply.



Financial Support Categories	N	%	Average Number of Years
University or school fellowship	267	72%	3.9
Teaching Assistant	186	71%	2.5
Research Assistant or equivalent	146	51%	2.5
Outside fellowship	123	43%	2.3
Other	86	12%	3.7
Foreign government	60	2%	3.0
Corporate funds	55	1%	1.0

Figure 28: Question was phrased differently beginning in AY 2013-2014.
Results shown only when N is greater than 3.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 29: How familiar are you with the criteria used to allocate financial support?

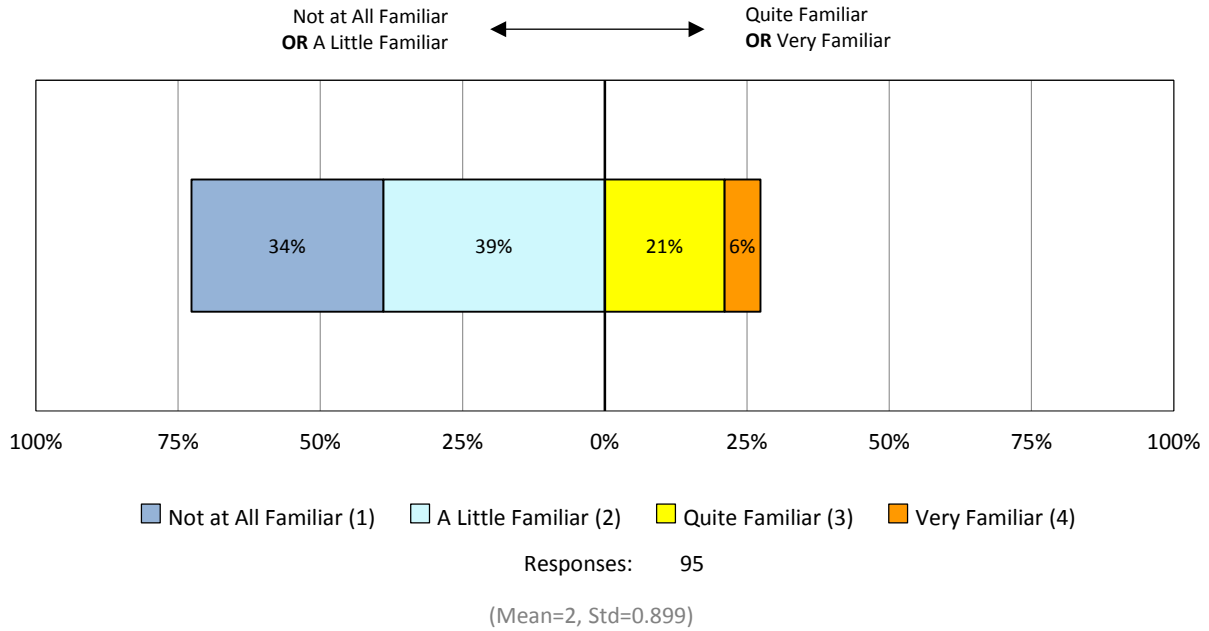
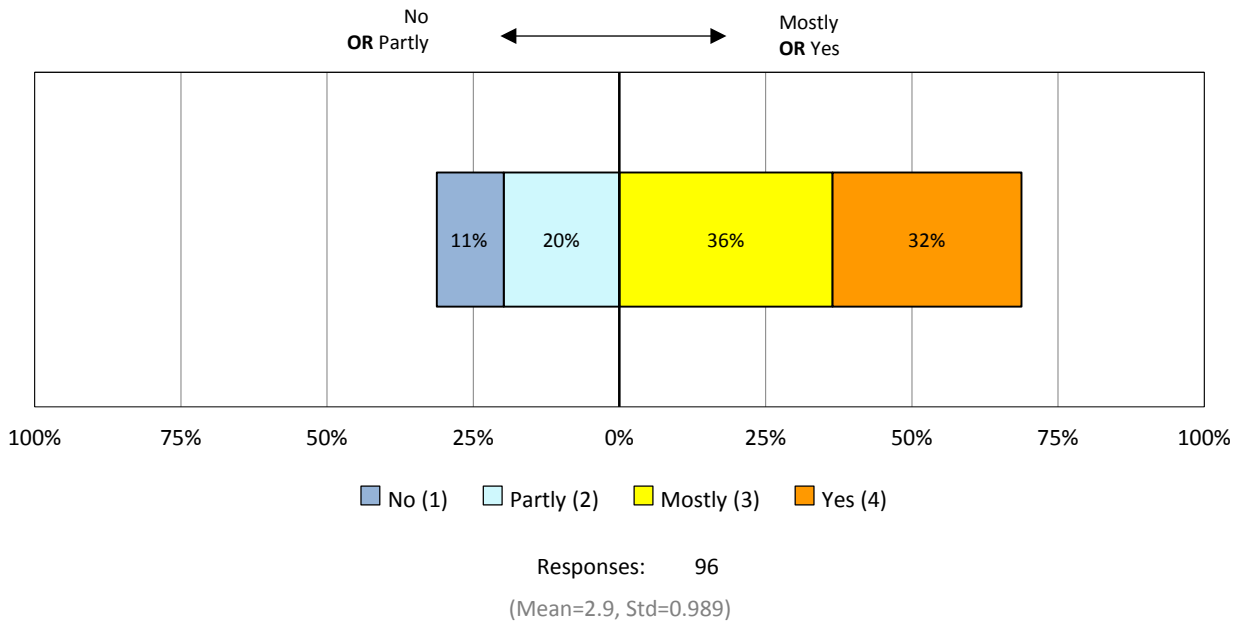


Figure 30: To the best of your knowledge, has financial support for students in your program been fairly allocated?



Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 31: During which year(s) of your doctoral program did you use Career Services, (i.e. meet with a career advisor, attend a Career Services event or use other resources such as the website)? Indicate all that apply.

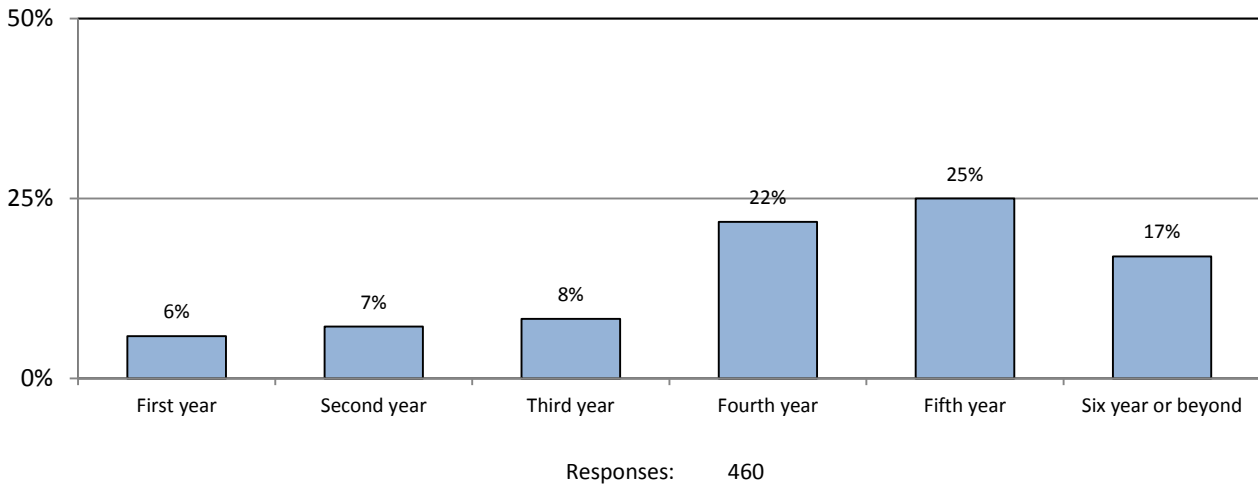


Figure 32: How many of Career Services' programs did you attend on the following?

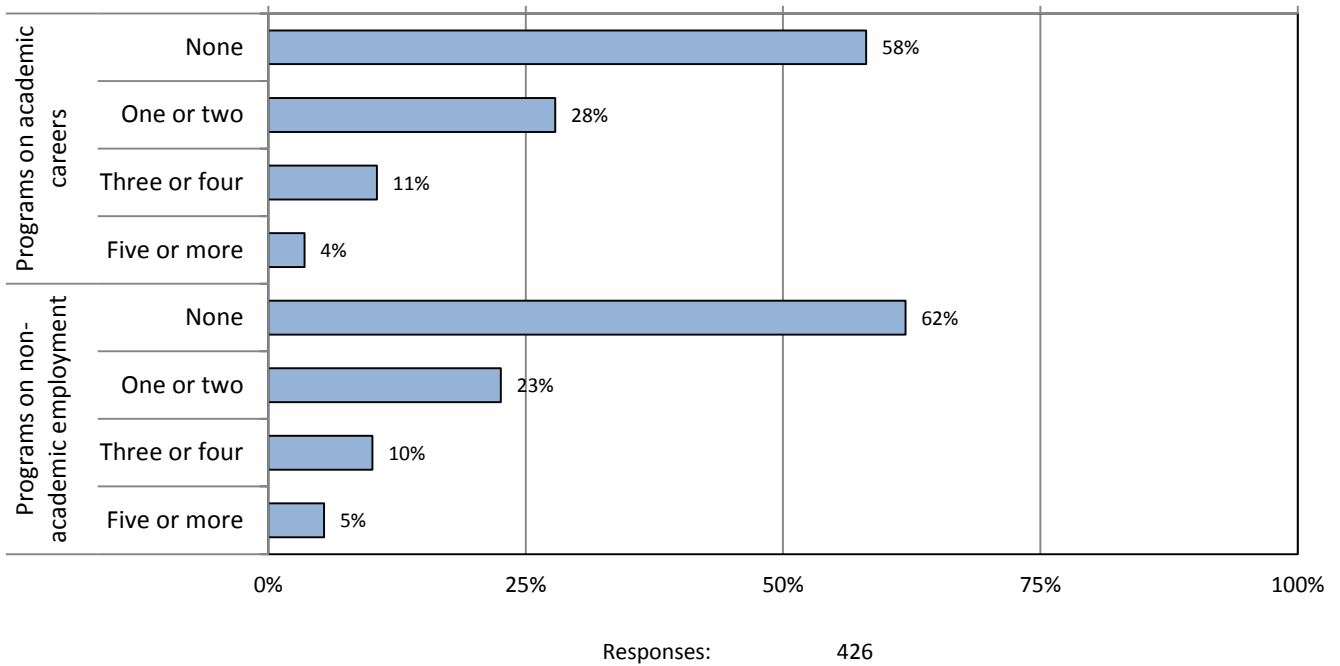


Figure 31: Question added in AY 2013-2014.

Figure 32: Question was phrased differently beginning in AY 2013-2014.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 32a: If you have attended the following programs offered by the Career Services, please rate HELPFULNESS.

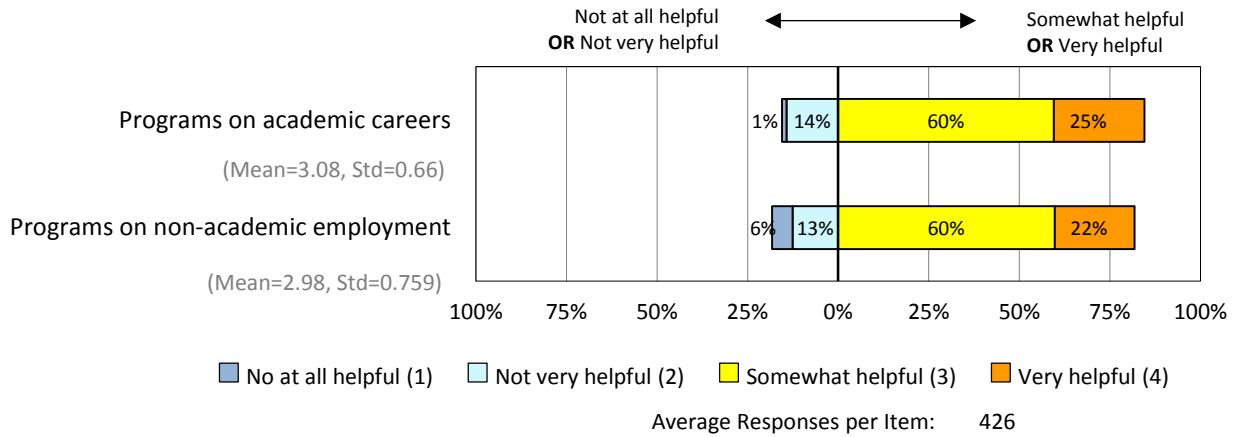


Figure 33: How frequently did you attend/use the following offerings by Career Services?

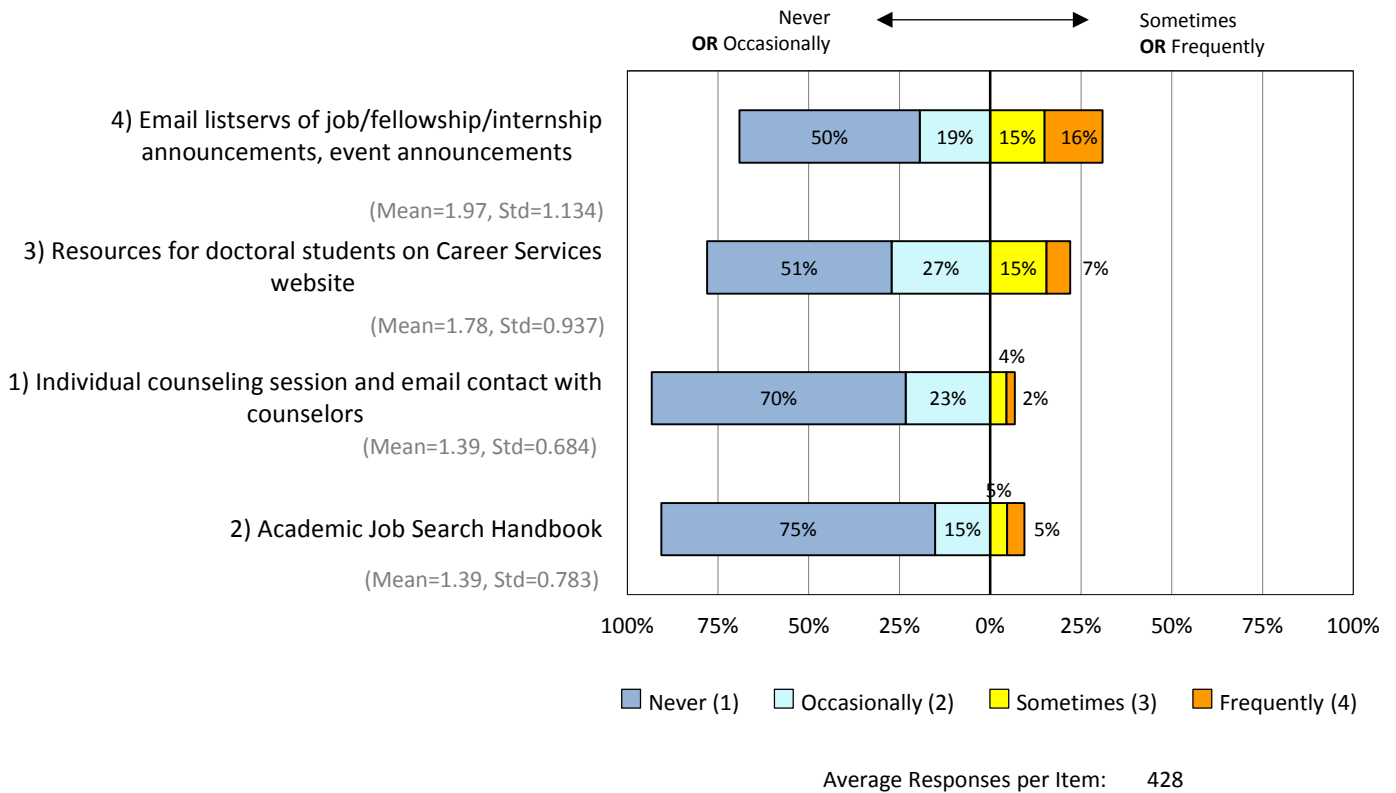
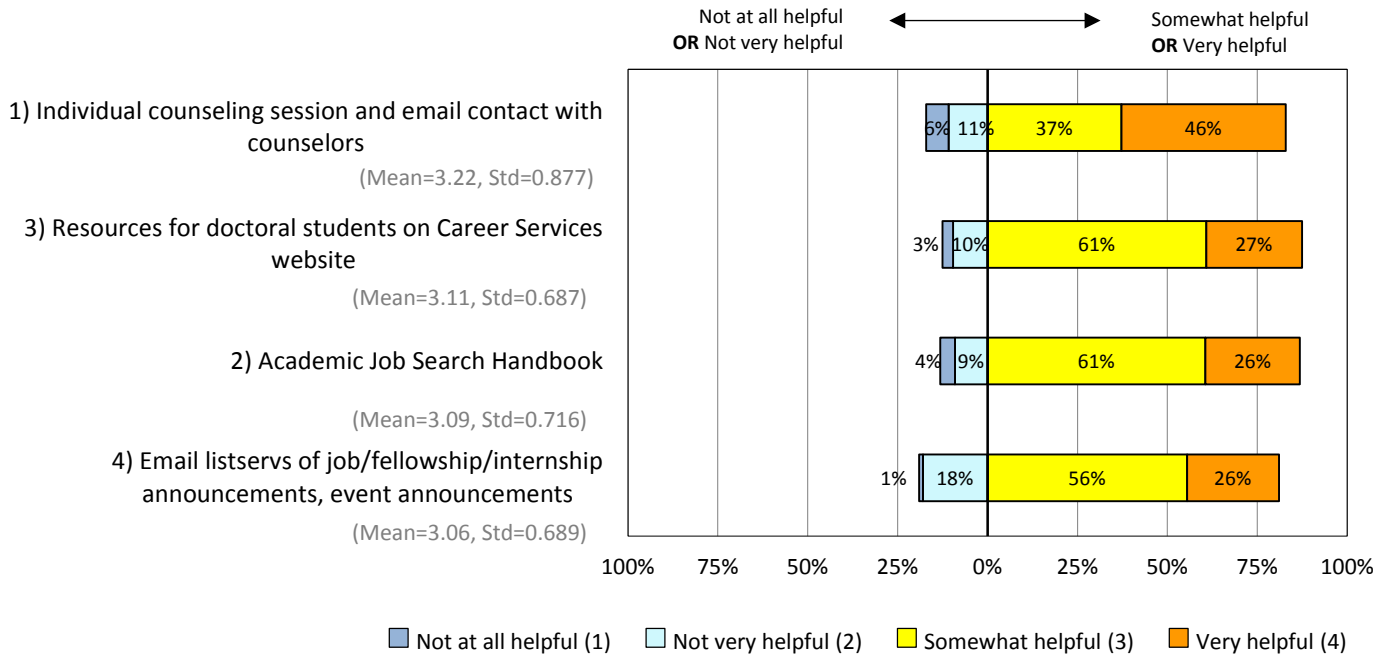


Figure 32a, 33: Questions added in AY 2013-2014.

Group: University of Pennsylvania

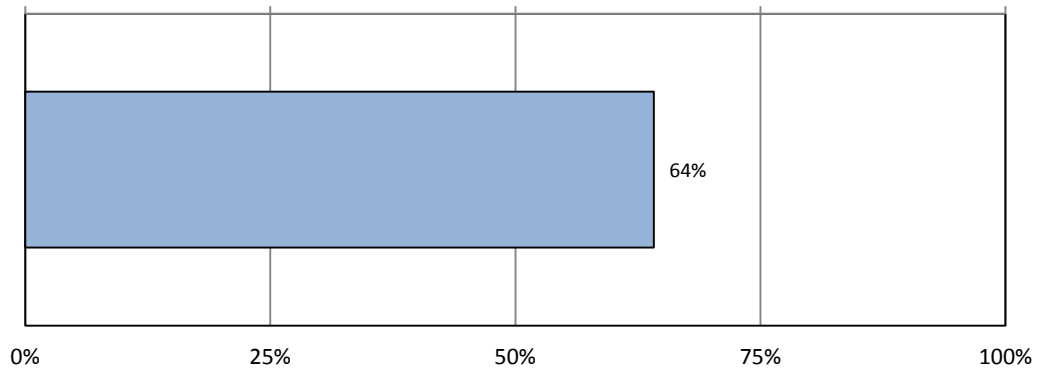
Comparison (Comp): University of Pennsylvania

Figure 33a: If you have attended the following programs offered by the Career Services, please rate HELPFULNESS.



Average Responses per Item: 157

Figure 34: Percent of respondents who attended activities and/or used the services of the Graduate Student Center.



Responses: 443

Figure 33a: Question added in AY 2013-2014.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 35: Percent of respondents who presented their research in organized seminars, colloquia, or conferences sponsored by your Graduate Group.

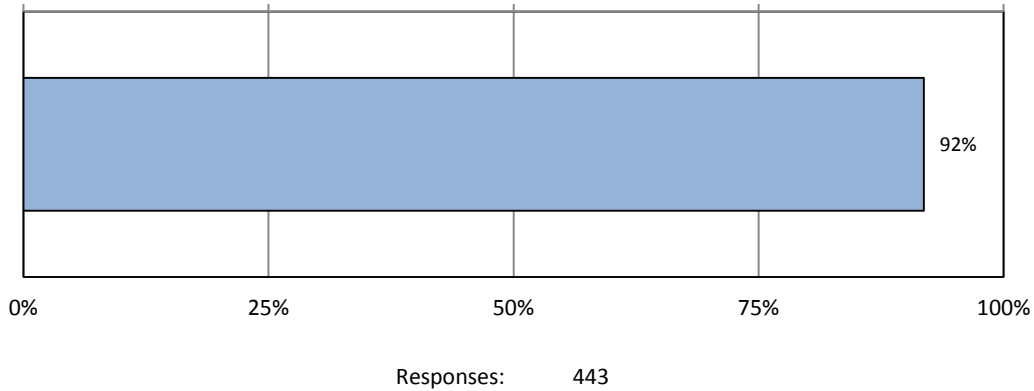


Figure 36: How many research or scholarly presentations (including poster presentations) did you make ON CAMPUS during your graduate studies (not including presentations given in class or in regularly-scheduled not-for-credit lab meetings)?

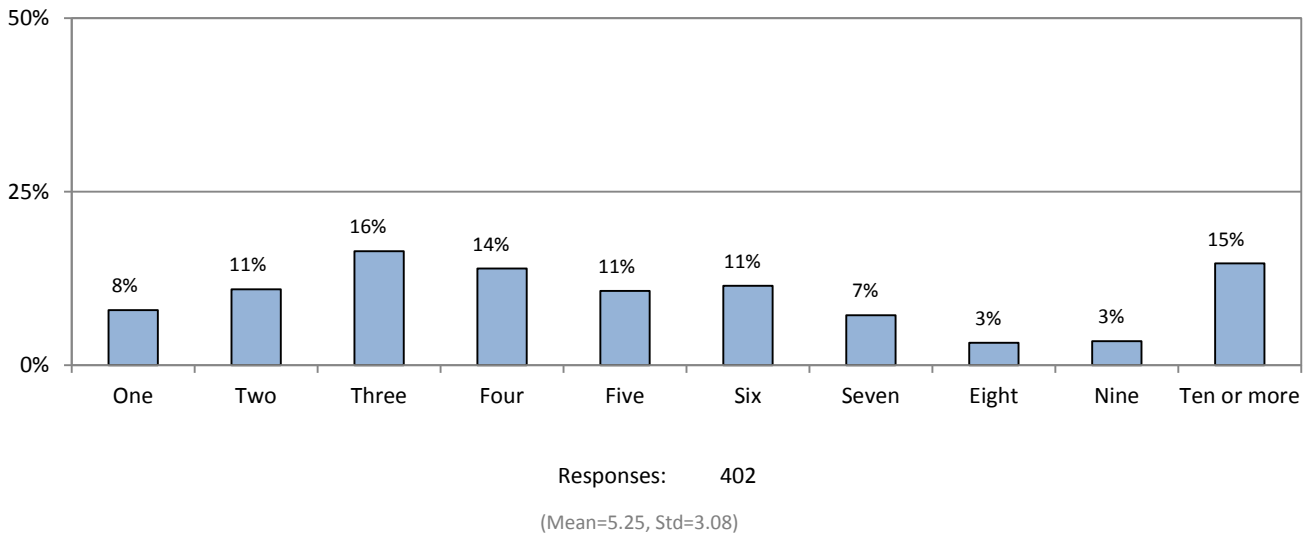


Figure 36: Response categories were modified beginning in AY 2013-2014.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 36a: How many research or scholarly presentations (including poster presentations) did you make AWAY from your campus (regional, national, or international)?

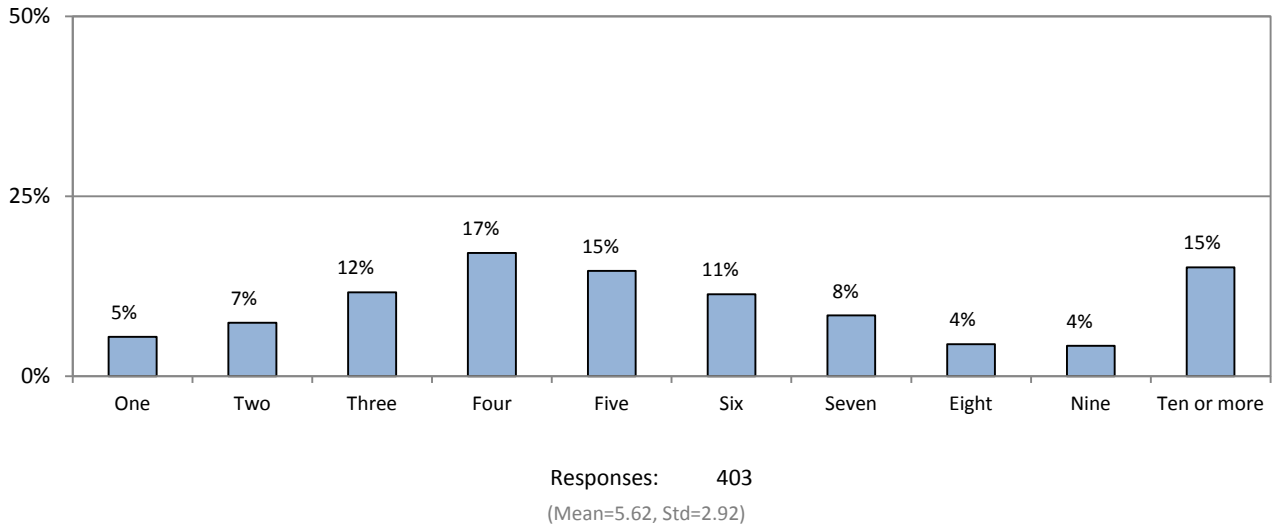


Figure 37: If you made a presentation AWAY from campus, did you receive funds for travel from any of the following sources? Check all that apply.

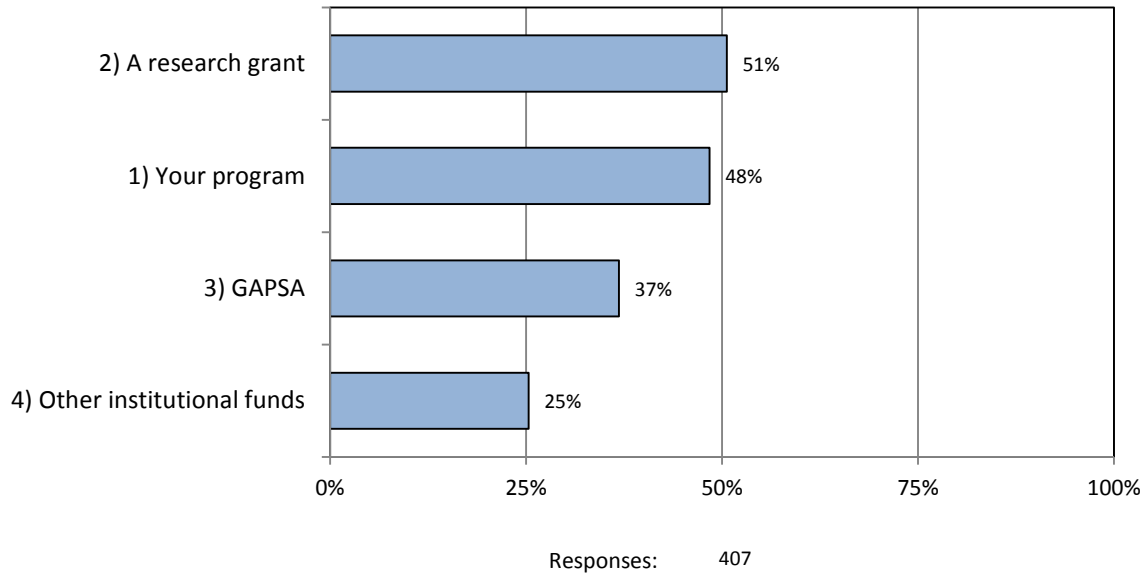


Figure 36a: Question was phrased differently beginning in AY 2013-2014.

Figure 37: Question was phrased differently and two new funding sources (A research grant & Other institutional funds) were added beginning in AY 2013-2014.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 38: Based on research conducted while you were a doctoral student, how many scholarly articles, books, or book chapters have you authored or co-authored that have been published or accepted for publication?

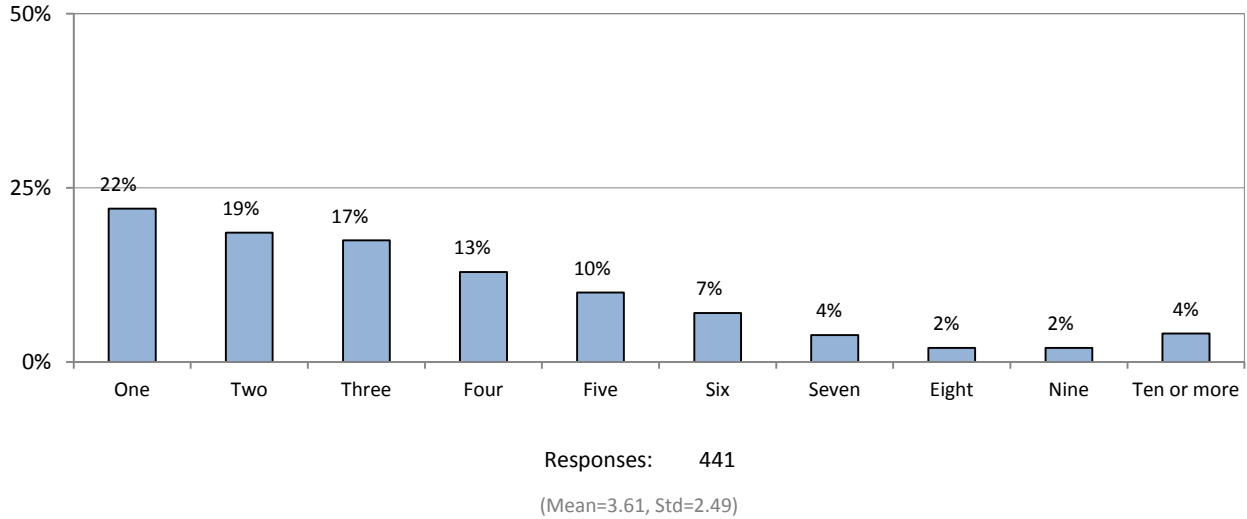


Figure 38a: How many others are currently under review?

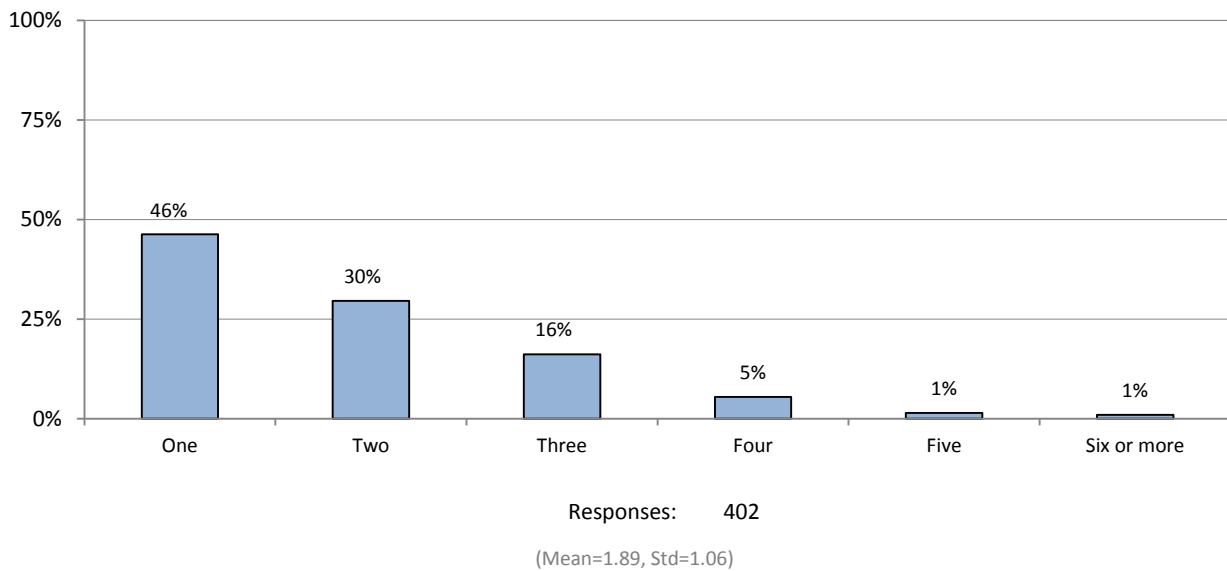
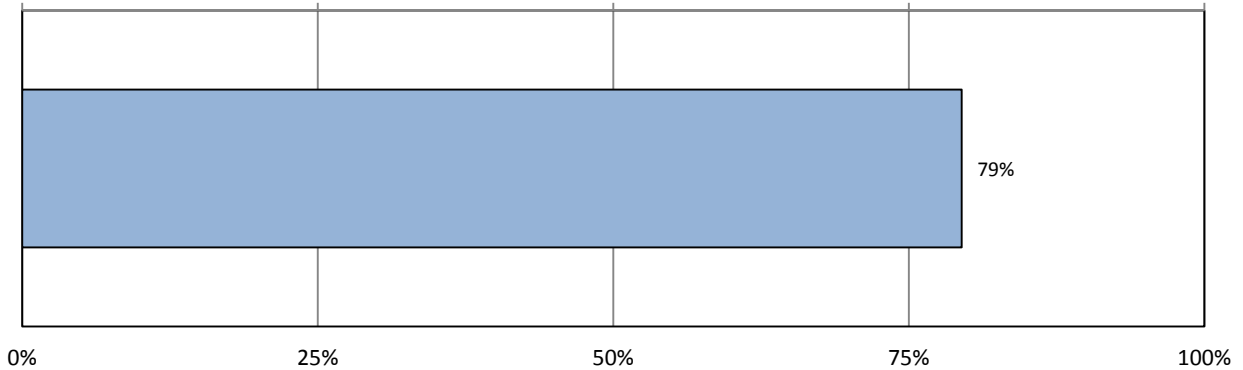


Figure 38: Response categories were modified beginning in AY 2013-2014.

Group: University of Pennsylvania

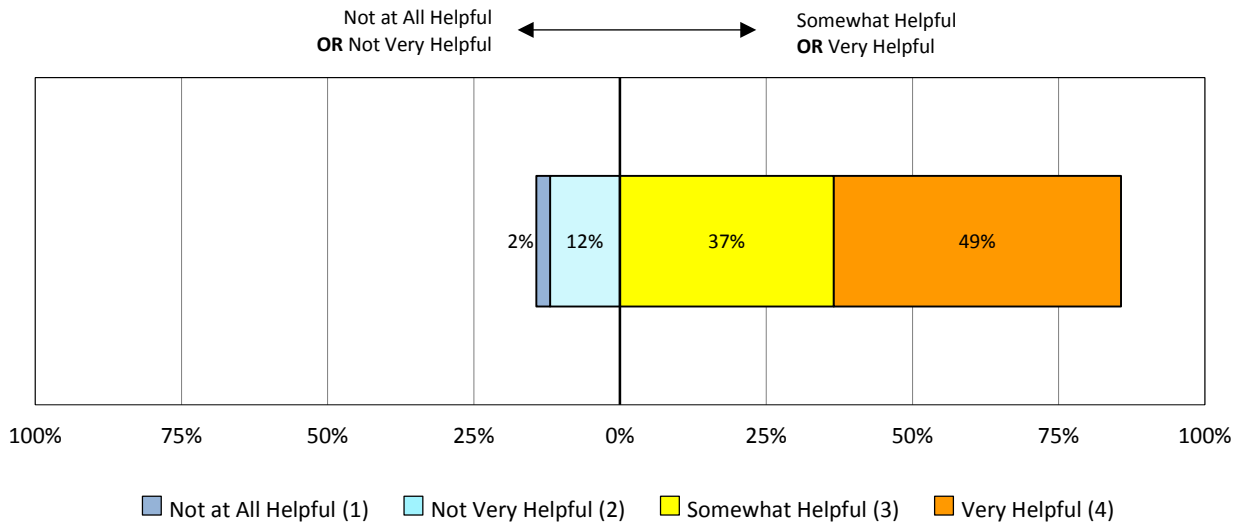
Comparison (Comp): University of Pennsylvania

Figure 39: Percent of respondents who served as a graduate Teaching Assistant (TA) at any point during their doctoral studies.



Responses: 443

Figure 40: How helpful was this experience with respect to your professional development and training?



■ Not at All Helpful (1) ■ Not Very Helpful (2) ■ Somewhat Helpful (3) ■ Very Helpful (4)

Responses: 342
(Mean=3.32, Std=0.775)

Figure 40: Response categories were modified beginning in AY 2013-2014.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 41: How many semesters did you teach as a Teaching Assistant (TA)?

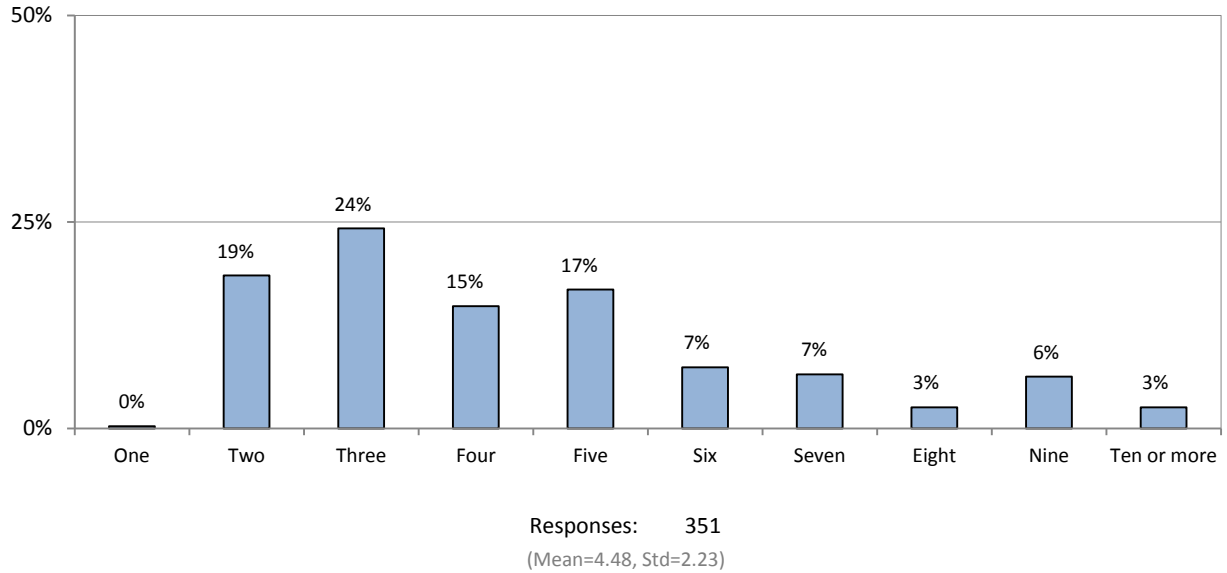


Figure 41a: How many semesters did you teach as a lecturer (with primary responsibility for the class)?

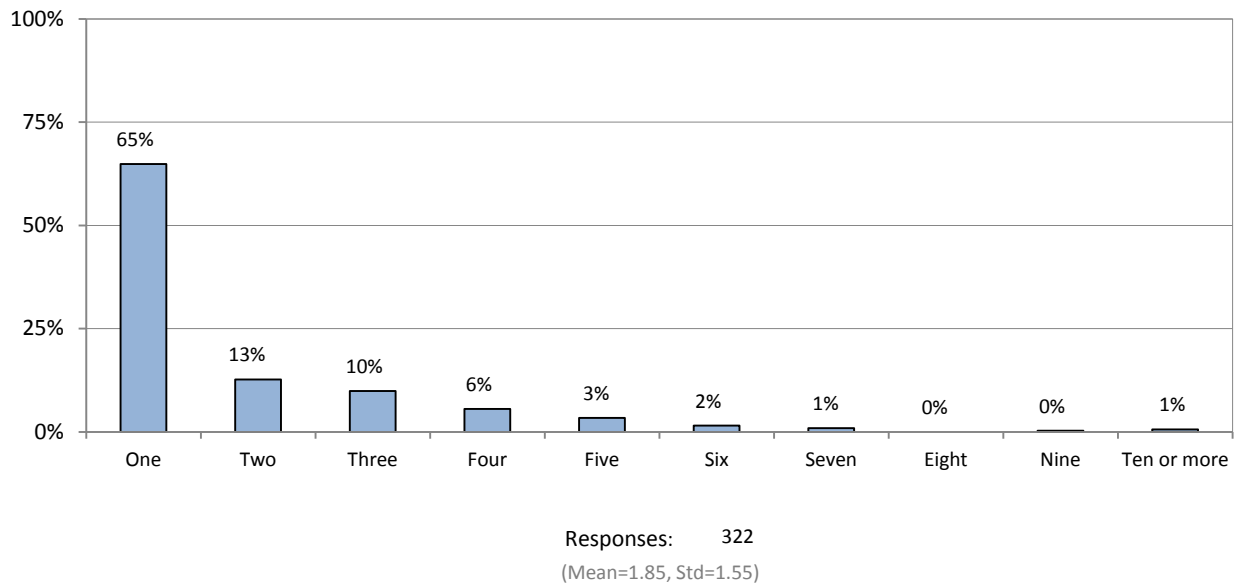
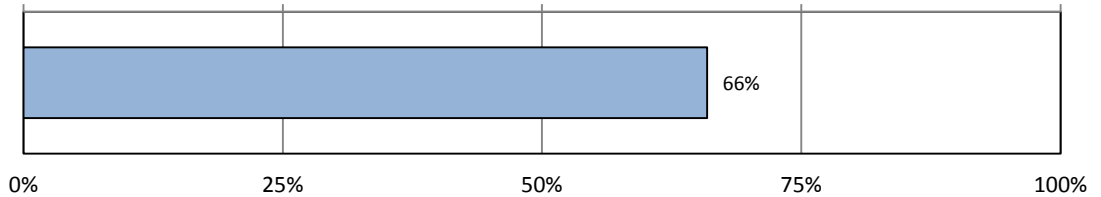


Figure 41 and 41a: Question was organized differently beginning in AY 2013-2014.

Group: University of Pennsylvania

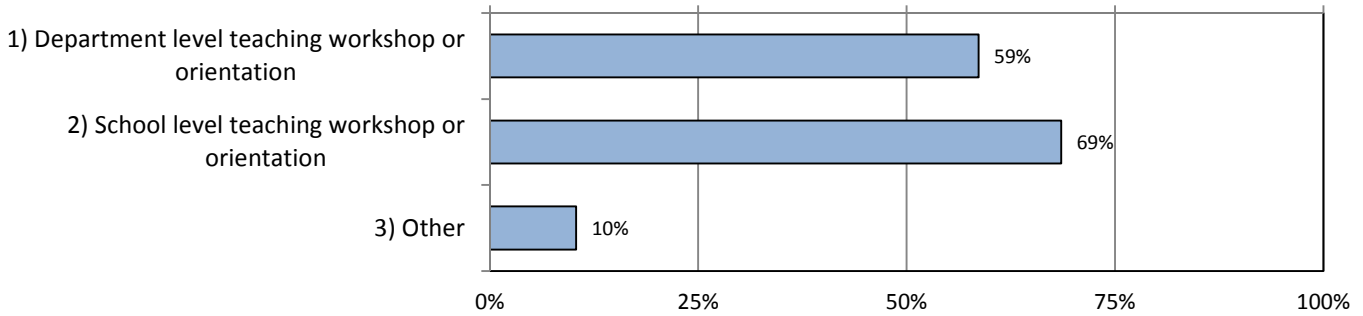
Comparison (Comp): University of Pennsylvania

Figure 42: Percent of respondents who received teaching preparation training as a Teaching Assistant (TA).



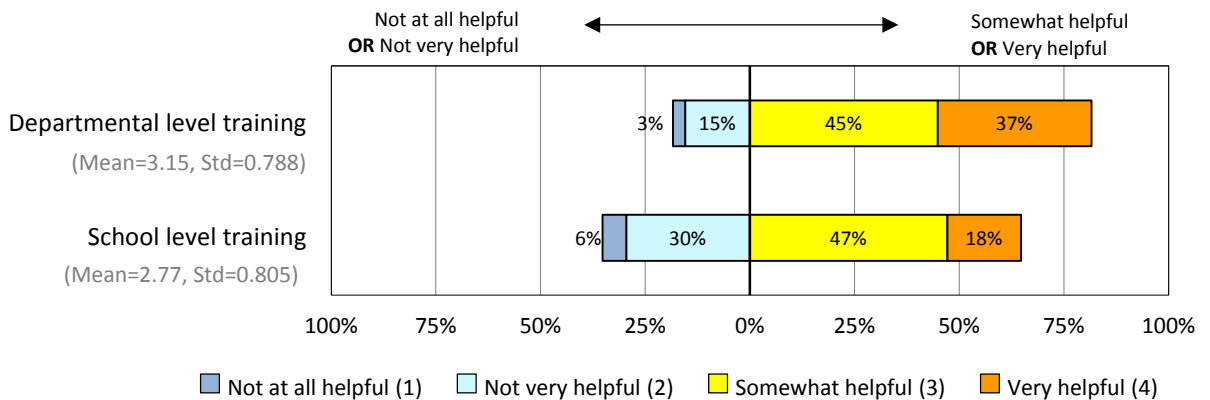
Responses: 352

Figure 43: Of those respondents who received teaching preparation training as a Teaching Assistant (TA), types of teaching preparation provided. Mark all that apply.



Responses: 232

Figure 44: Of those respondents who received teaching preparation training as a Teaching Assistant (TA), HELPFULNESS of the training?



Average Responses per Item: 148

Figure 42, 44: Questions added in AY 2013-2014.

Figure 43: Question was phrased differently beginning in AY 2013-2014.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 45: Which of the following teaching experiences have you had while a doctoral student at Penn? Check all that apply.

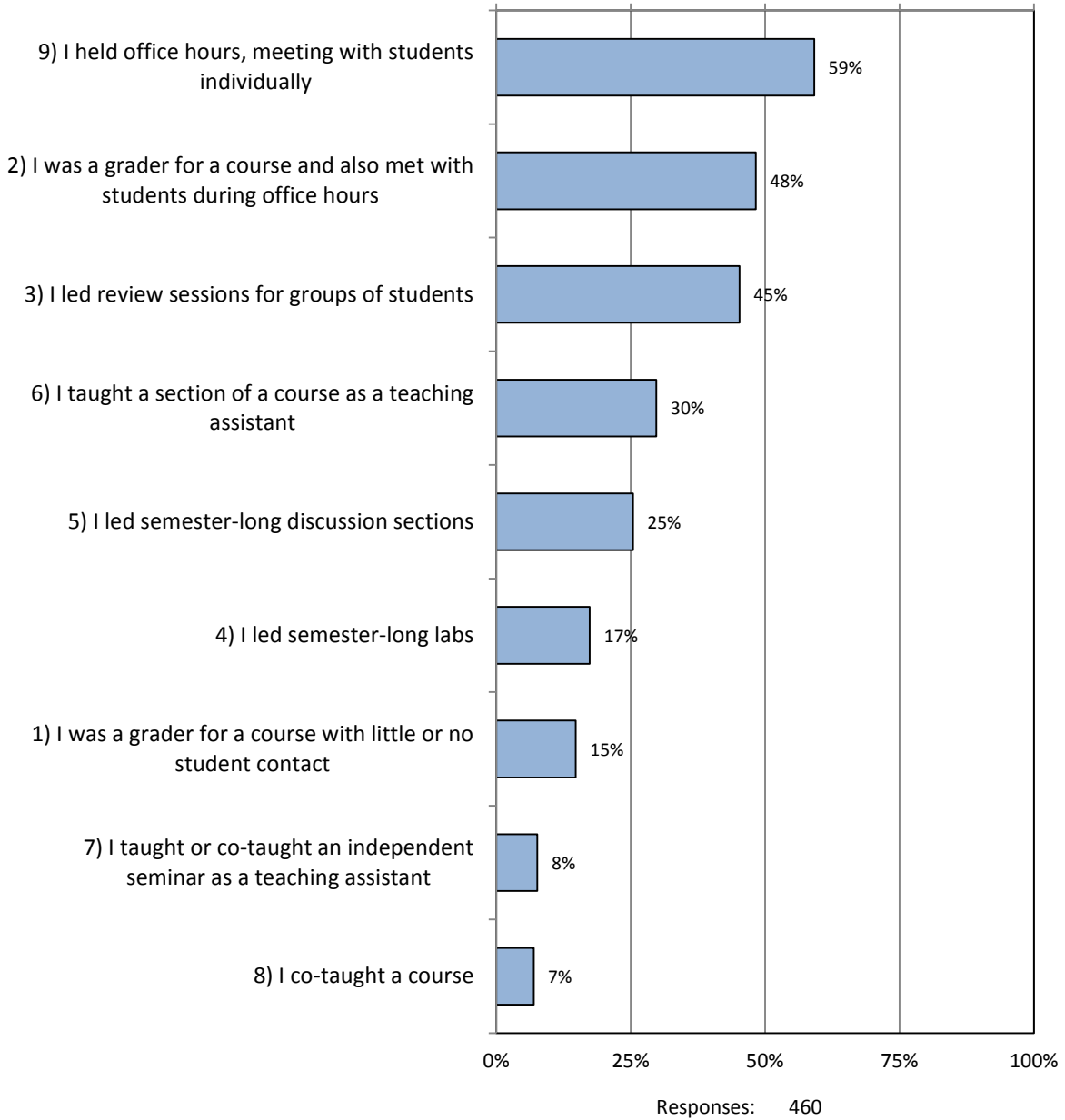


Figure 45: Question added in AY 2013-2014.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 46: Percent of respondents who served as Research Assistants (RA) during their doctoral studies.

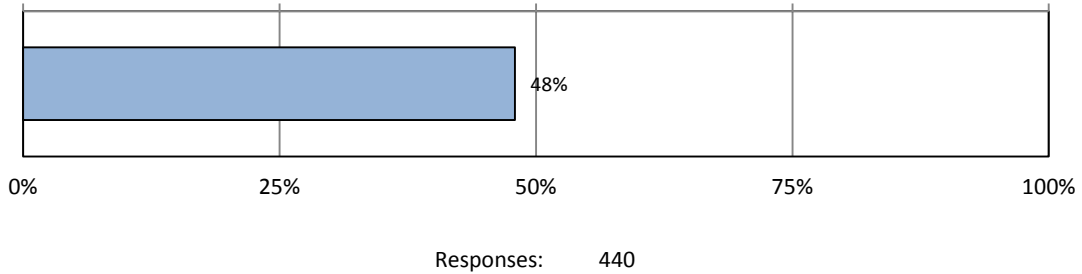


Figure 47: How helpful was this experience with respect to your professional development and training?

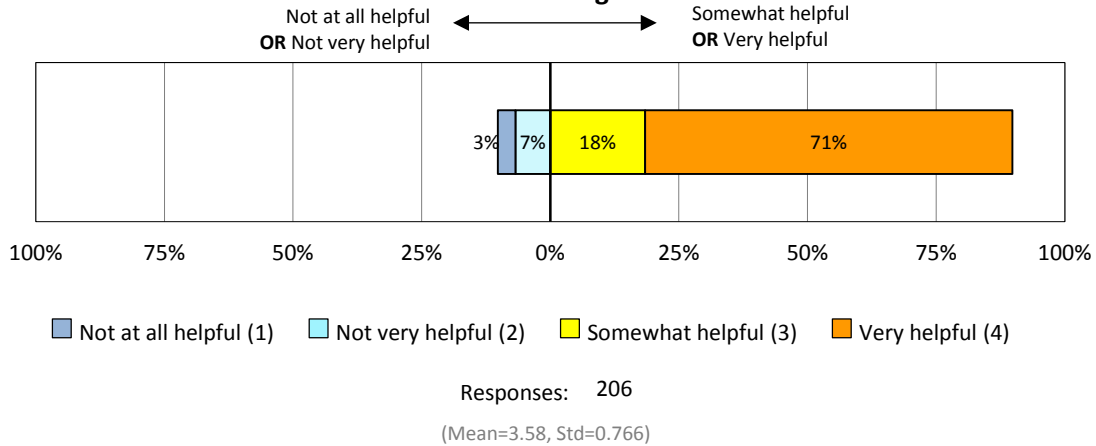


Figure 48: How many semesters were you a Research Assistant (RA)?

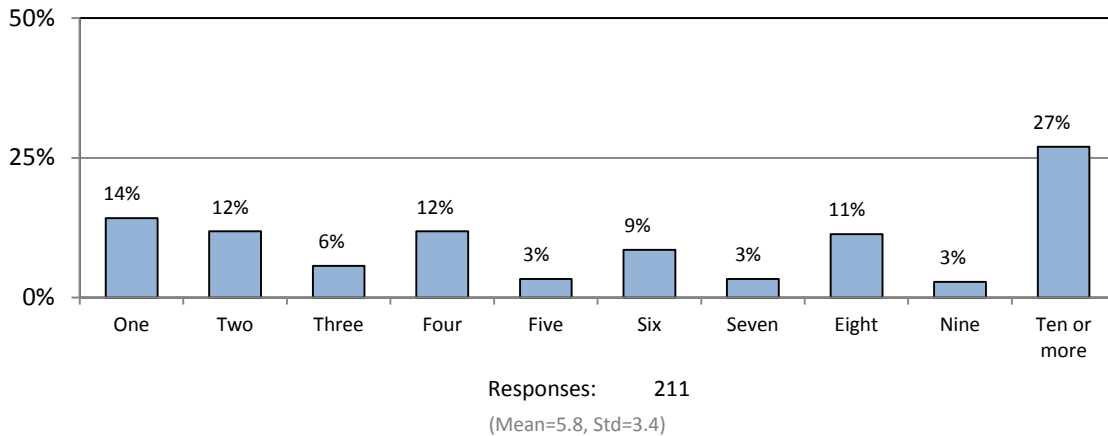


Figure 46: Questions added in AY 2013-2014.

Figure 48: Response categories were modified beginning in AY 2013-2014.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 49: What are your immediate professional plans?

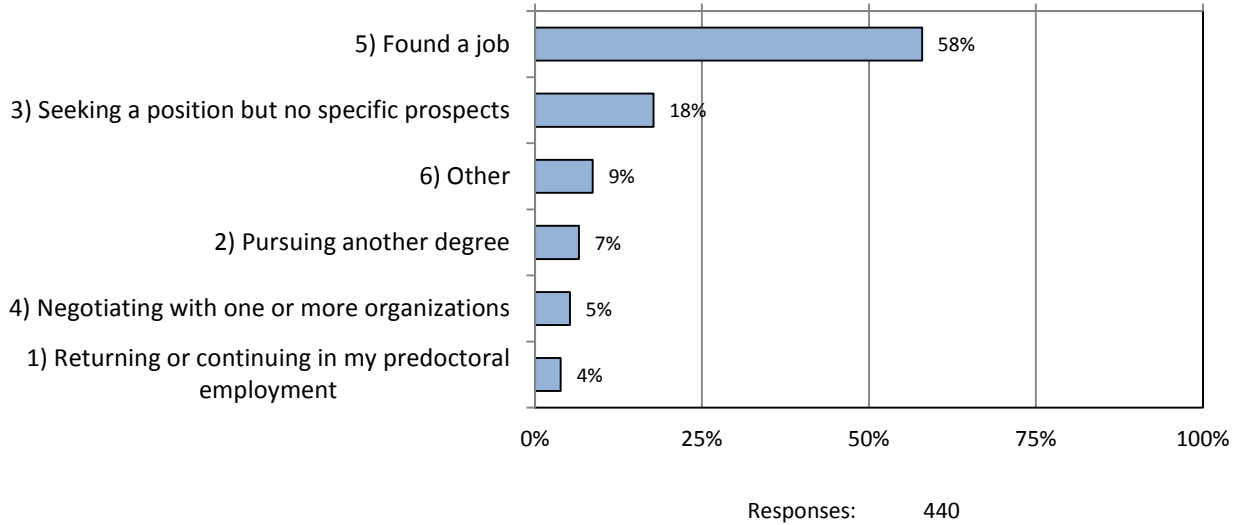


Figure 50: If you have OBTAINED a position, which best describes your position?

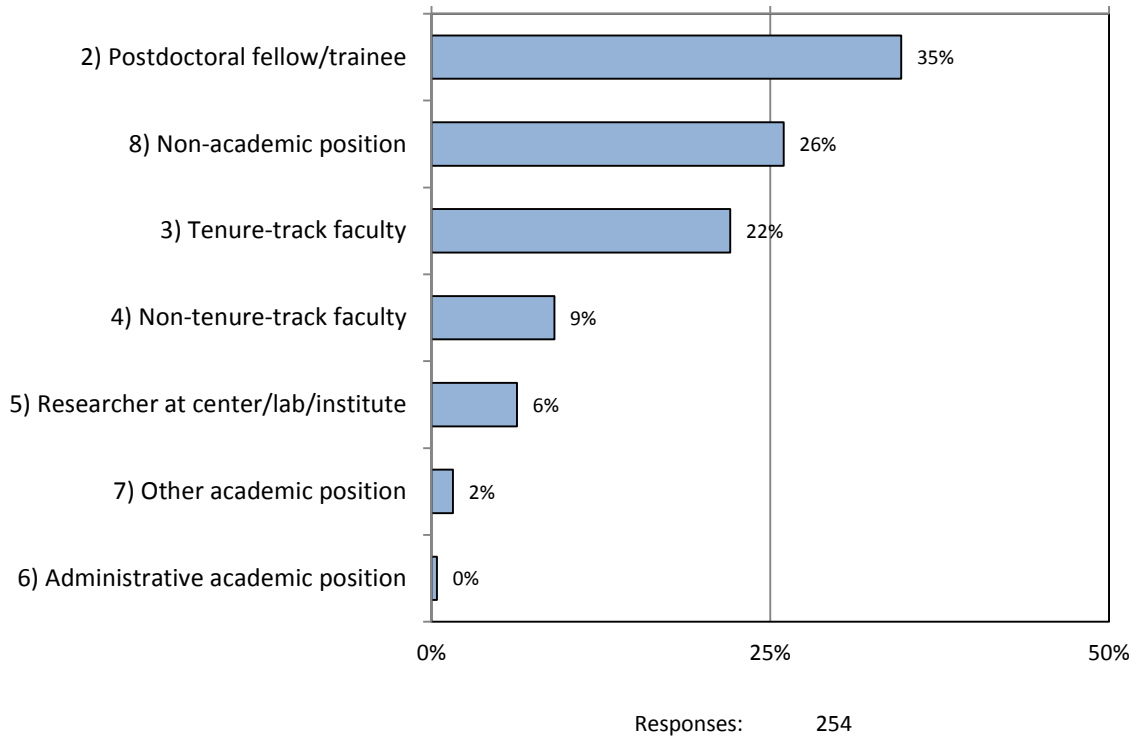
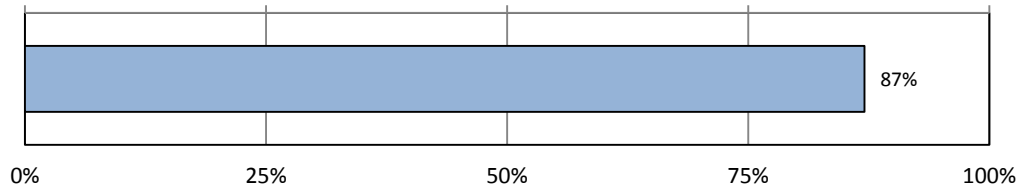


Figure 50: 'Non-academic position' category is included in AY 2013-2014 report.

Group: University of Pennsylvania

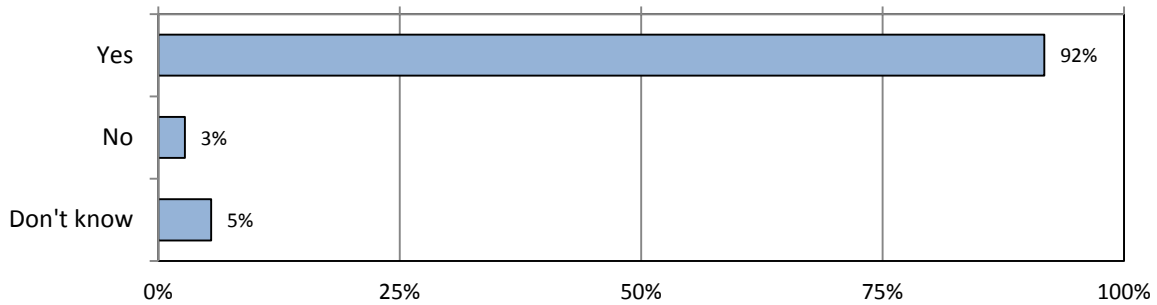
Comparison (Comp): University of Pennsylvania

Figure 51: If you have OBTAINED a position, is your position in the field of your academic training?



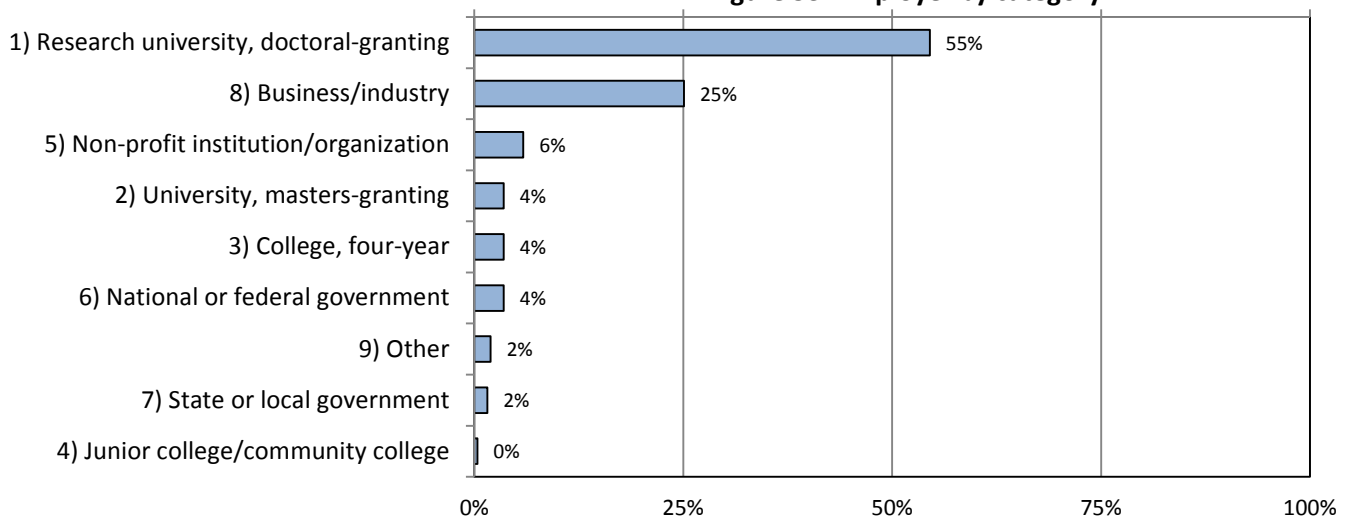
Responses: 255

Figure 52: If you have OBTAINED a position, do you feel this position is consistent with your long-term professional goals?



Responses: 255

Figure 53: Employer by category.

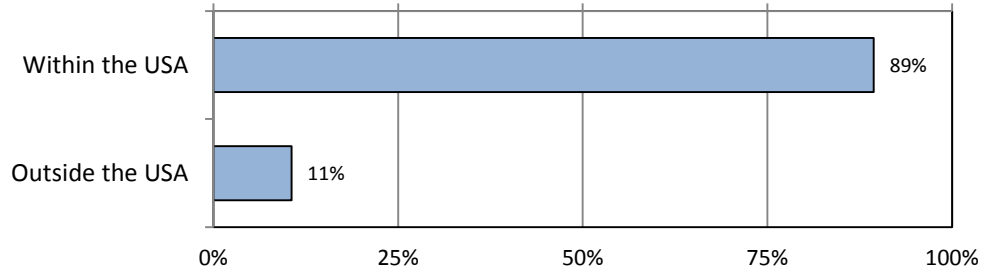


Responses: 255

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 54: Employer location.



Responses: 255

Table 1: Top Five Employers Name.

Employers Name	Number Employed
University of Pennsylvania	25
University of California, Berkeley	6
New York University	5
Princeton University	
University of Chicago	

Location of Top Five Employers WITHIN the USA.

State	Number Employed in each State
Pennsylvania	48
California	22
New York	21
Massachusetts	12
New Jersey	12

Location of Employers OUTSIDE the USA.

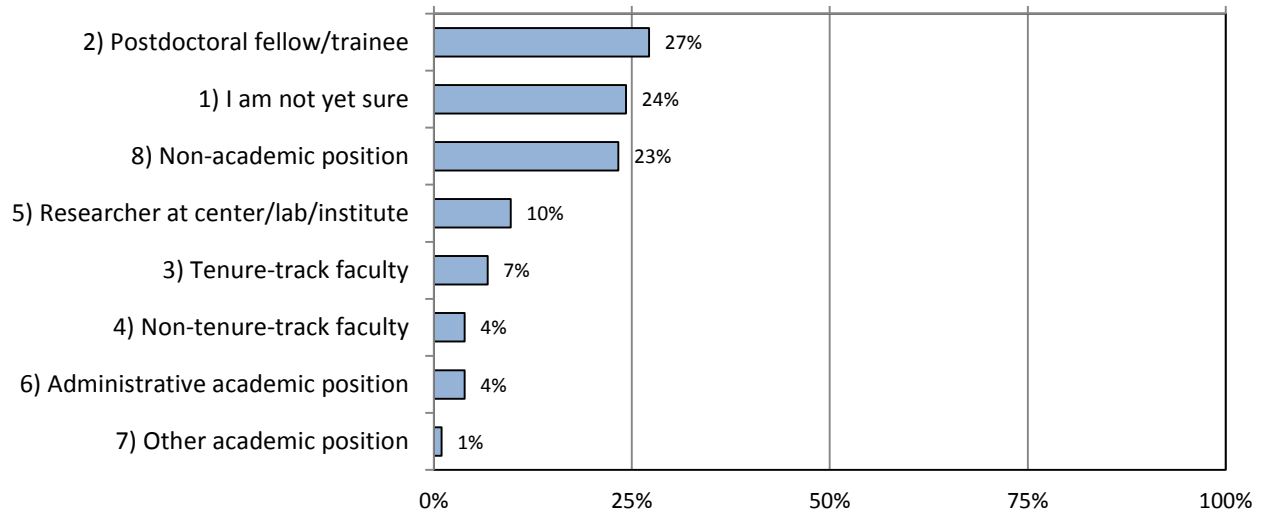
Country	Number Employed in each Country
Canada	4
South Africa	
United Kingdom	
China	
England	

Results shown only when N is greater than 3.

Group: University of Pennsylvania

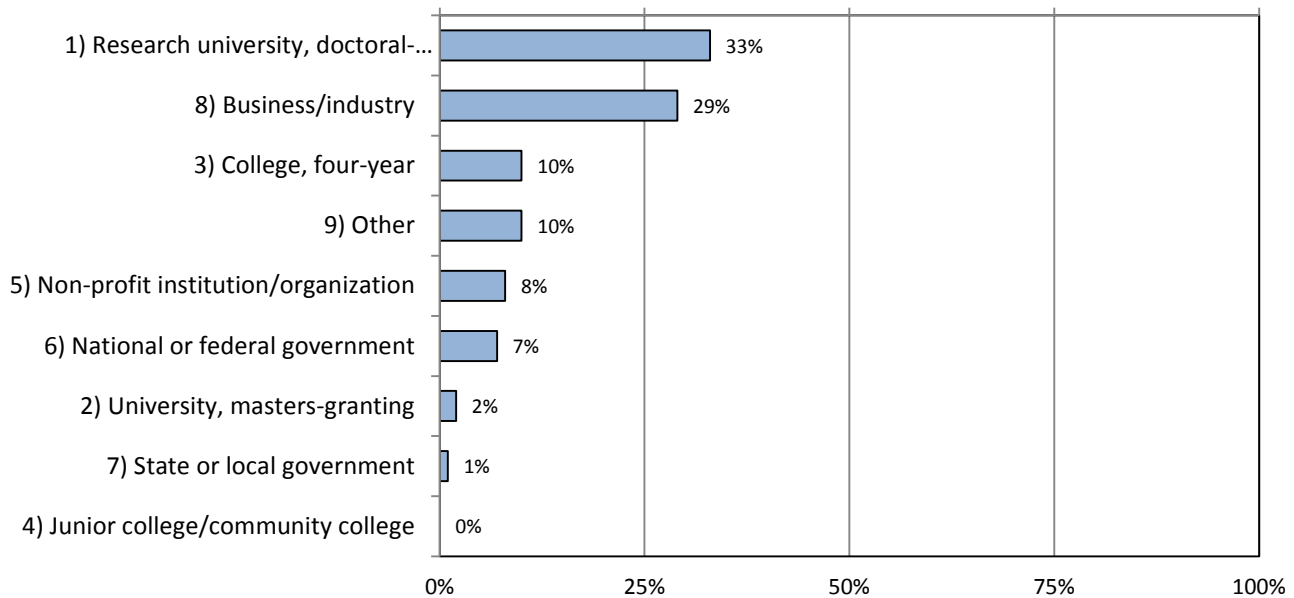
Comparison (Comp): University of Pennsylvania

Figure 55: If you are SEARCHING for a position during the next year, which best describes that position?



Responses: 103

Figure 56: If you are SEARCHING for a position during the next year, in what sector do you hope to obtain a job?



Responses: 100

Figure 55: 'Non-academic position' category is included in AY 2013-2014 report.

2013-14 Ph.D. Exit Survey: Satisfaction

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 57: Please rate your overall satisfaction with each of the following:

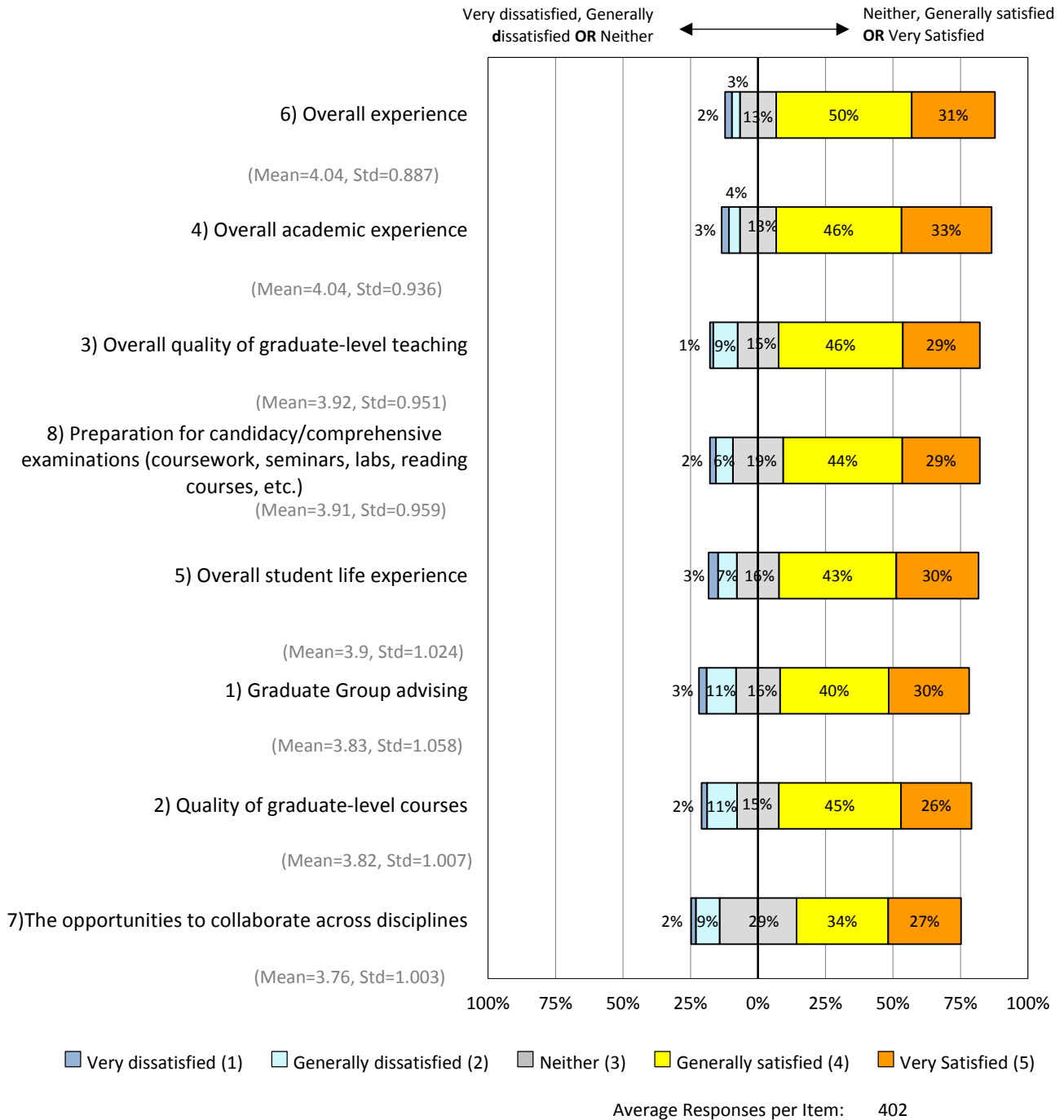


Figure 57: Response categories were changed beginning in AY 2013-2014.

2013-14 Ph.D. Exit Survey: Satisfaction

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 58: Please rate the adequacy of support you were provided during your graduate education and dissertation research in the following areas:

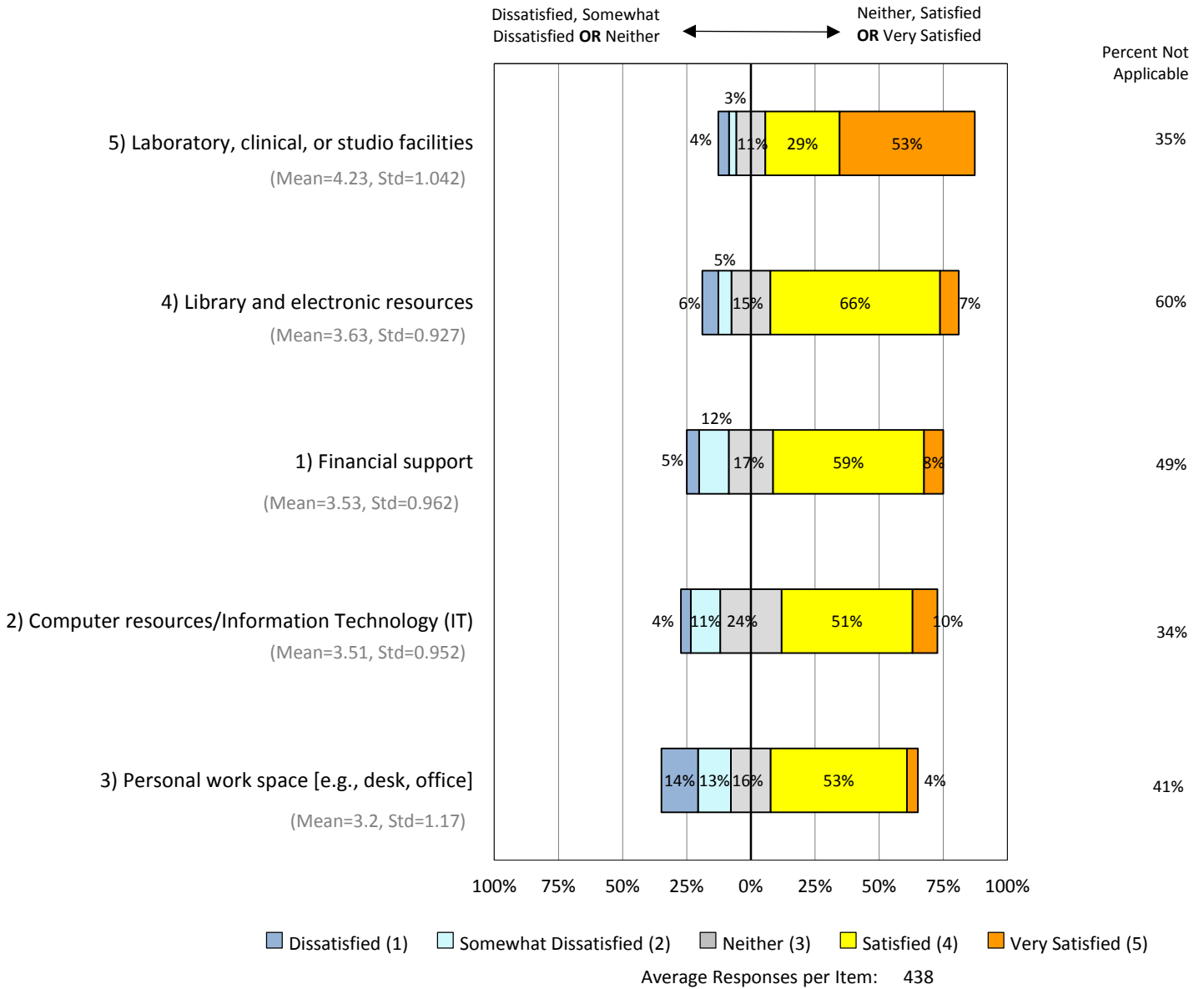


Figure 58: Response categories were changed beginning in AY 2013-2014.

2013-14 Ph.D. Exit Survey: Satisfaction

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 59: If you were to start your graduate career again, would you...

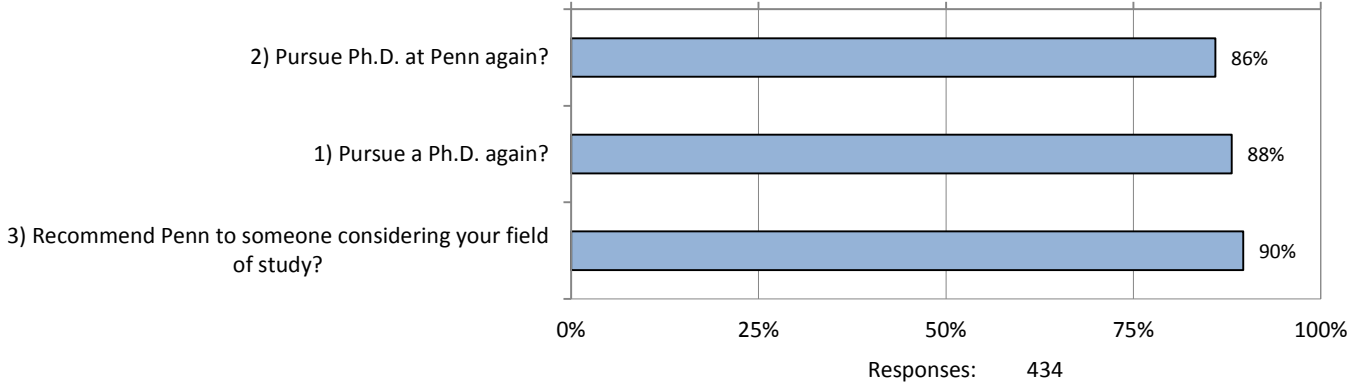
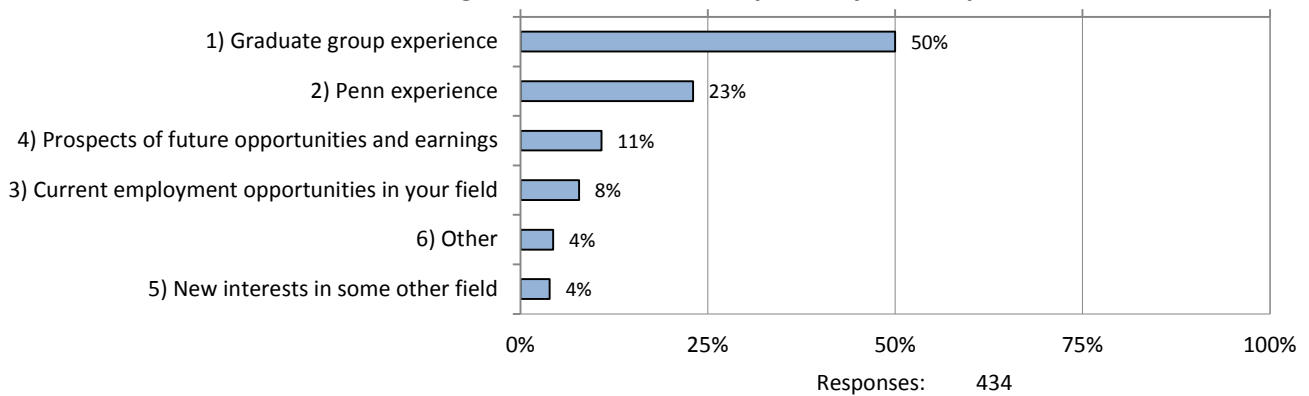


Figure 60: This decision is primarily based upon:



Question 60a: The decision NOT to PURSUE a Ph.D at Penn again is primarily based upon:

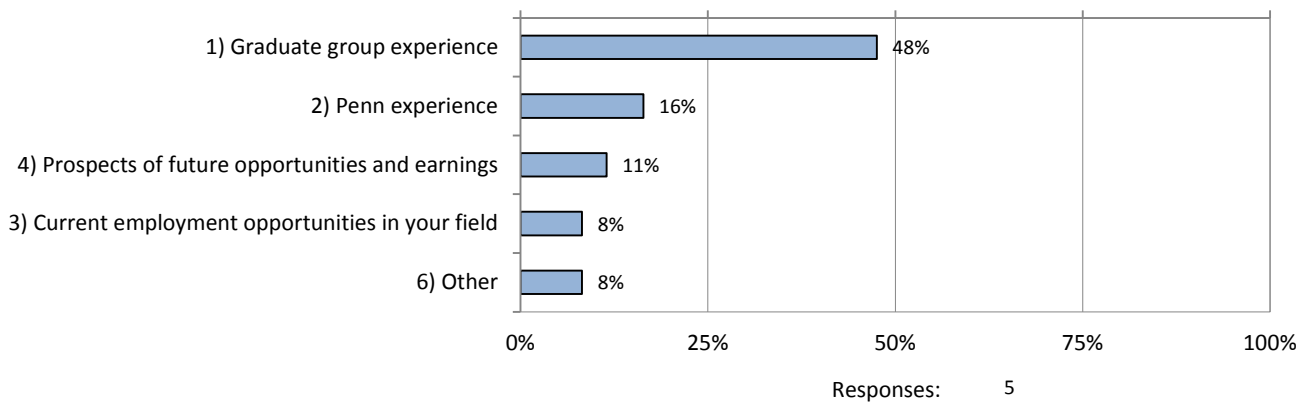
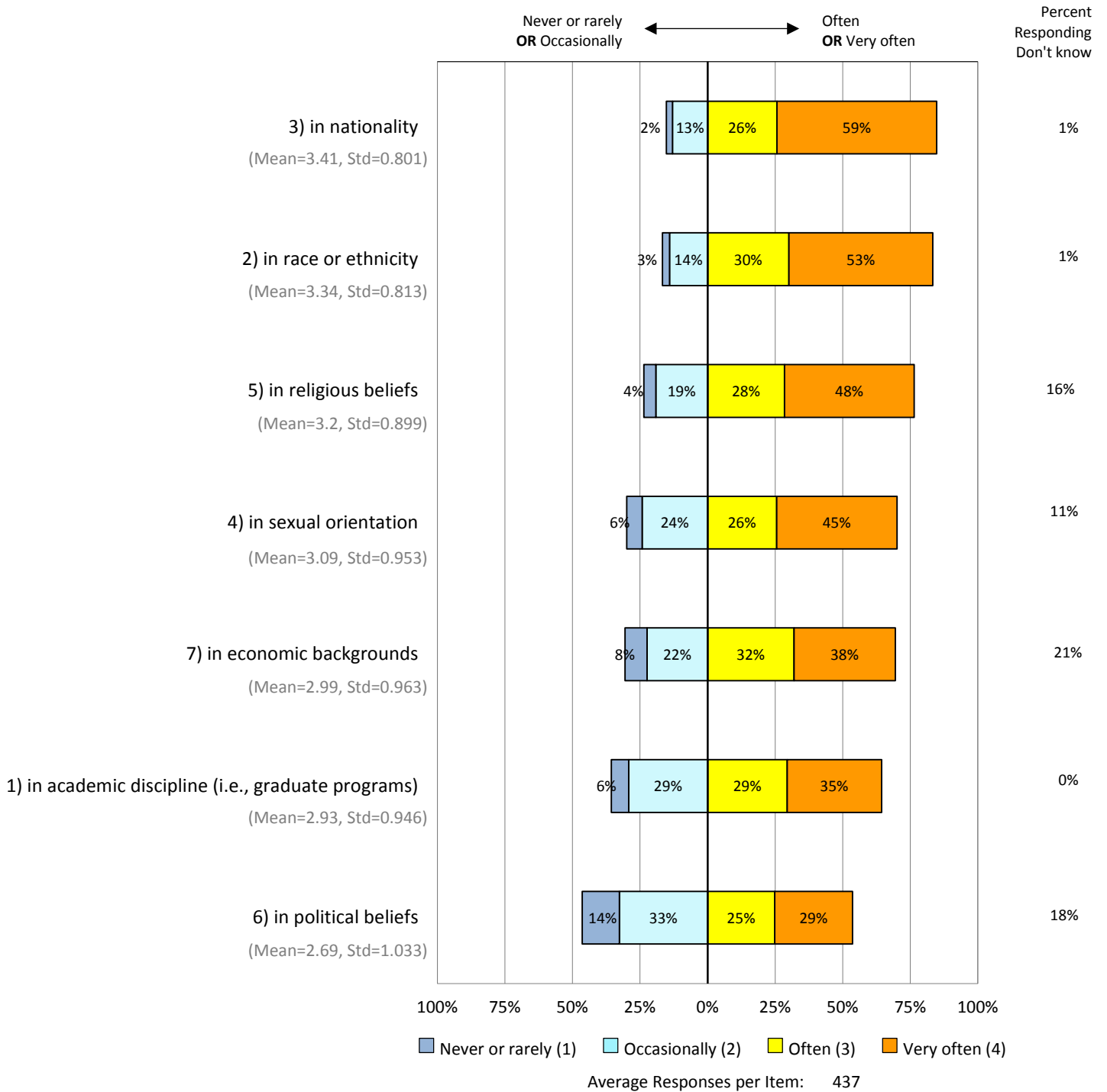


Figure 59: Response categories were changed beginning in AY 2013-2014.

Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

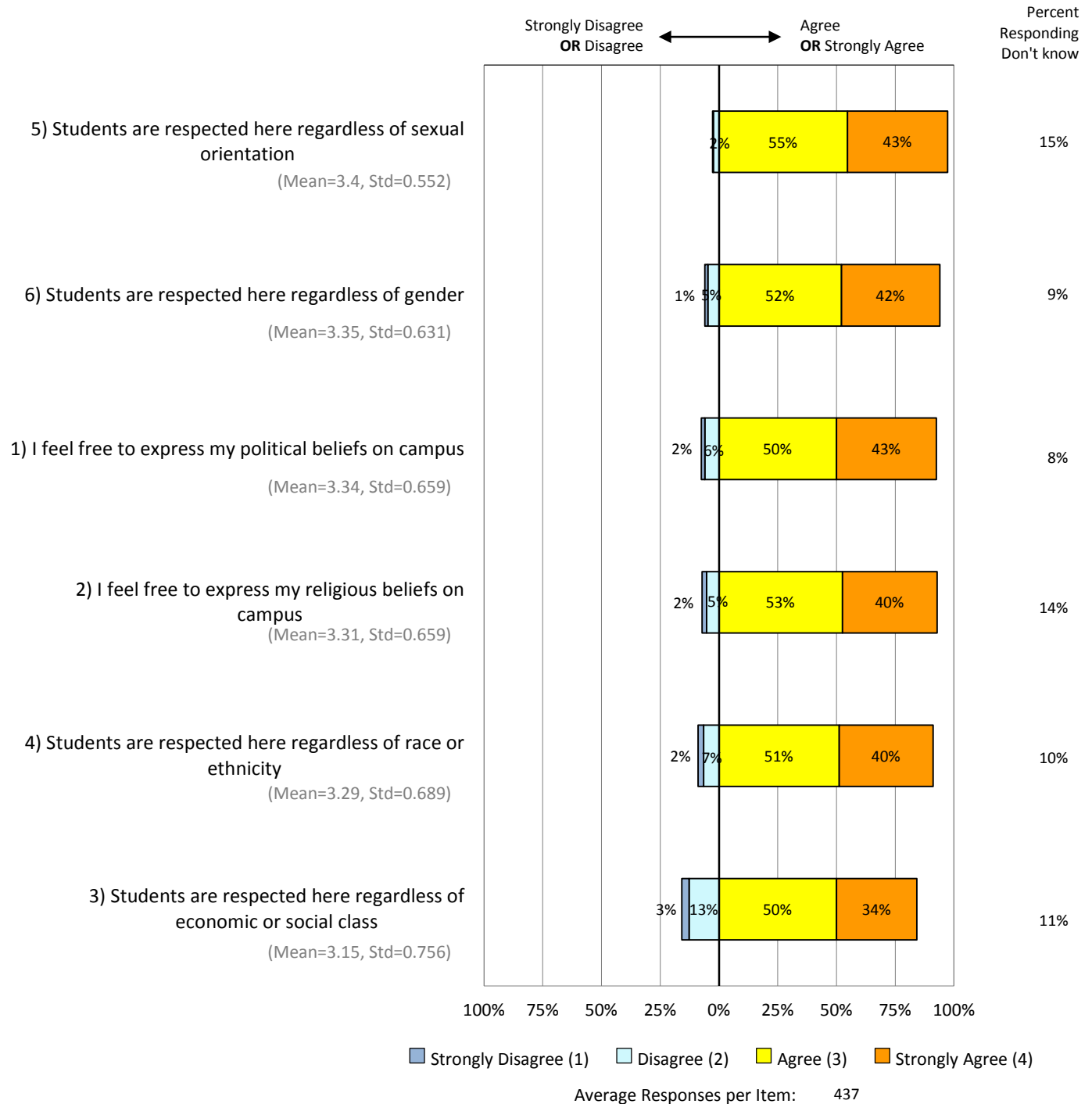
Figure 61: How often have you had conversations with Penn colleagues (students and post docs) who differ from you...



Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 62: Indicate how strongly do you agree or disagree with each of the following statements:



Group: University of Pennsylvania

Comparison (Comp): University of Pennsylvania

Figure 63: What is your impression of the Penn Community?

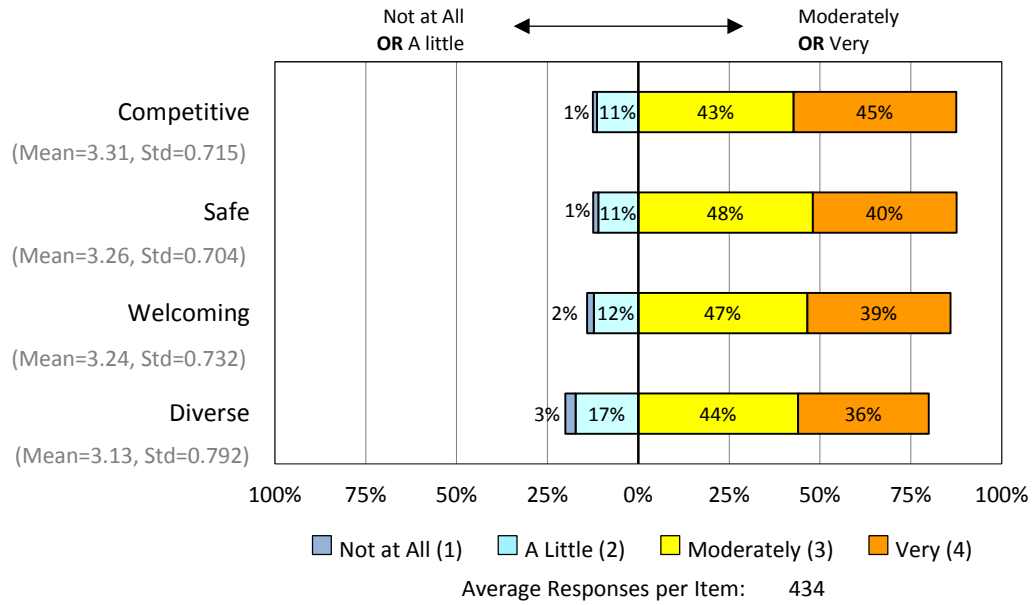


Figure 64: To what extent do you agree or disagree with each of the following statements?

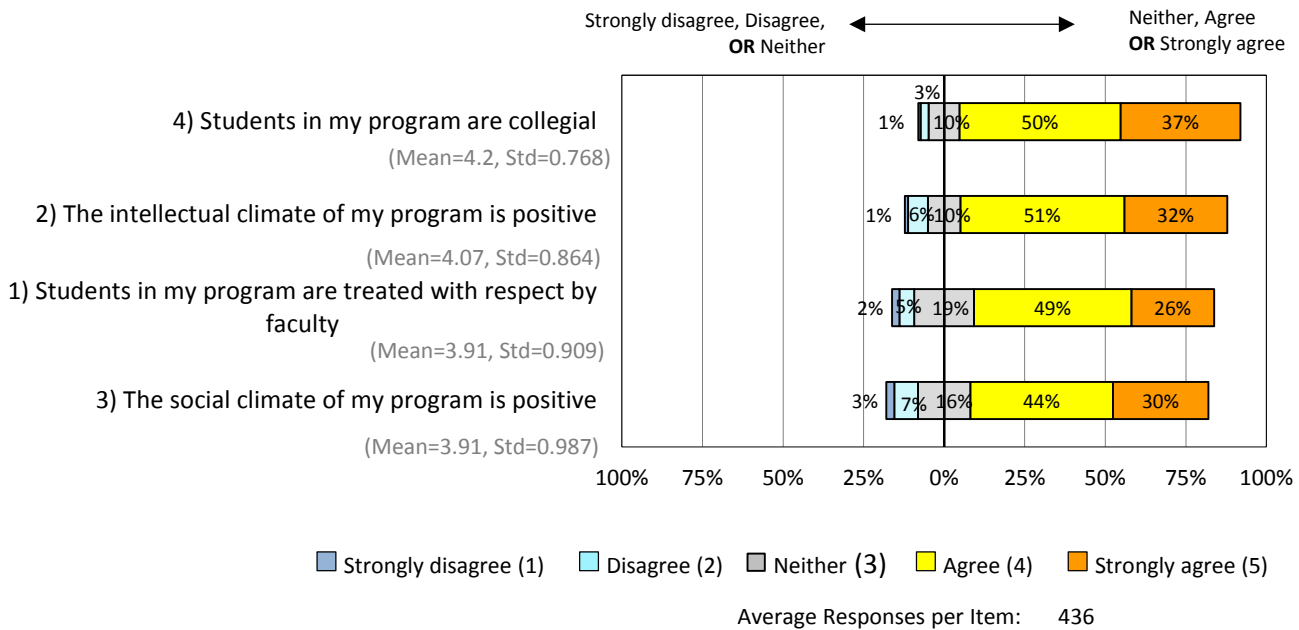


Figure 64: Question added in AY 2013-2014.