

Career Outcomes for Graduate Degree Holders: How do we track?

William B. Russel
Princeton University

- **upon graduation** Exit Survey
 Placement Survey
- **after graduation** Graduate Alumni Survey 5-15 Years Out

Jed Marsh Office of the Provost
Vice Provost Institutional Research



Ph.D. Placement

	Academic Positions						Post-Doctoral Positions		Non-Academic Placement			Not Placed	Unkn	Total
	Ivy +	AGS	CGS	Int'l	Lib Arts	Other	Dom	Int'l	Indus/ Bus	Gov't	Non-Profit			
07-08	12	10	14	7	9	12	105	20	77	15	12	12	2	307
08-09	15	26	25	14	6	19	110	29	65	11	12	14	1	347
09-10	8	15	13	25	2	19	83	24	65	9	11	27	1	302
10-11	19	13	19	20	10	12	134	18	50	9	6	40	0	350
11-12	34	18	29	21	4	16	89	20	68	10	6	36	0	351

- Note:
- Consistently high percentage placed until now
 - Competing well for top academic positions
[but larger number of lecturers]
 - Significant fraction into postdoctoral appointments
 - Steady portion of non-academic positions

95% → 89%

9% → 15%

40% → 31%

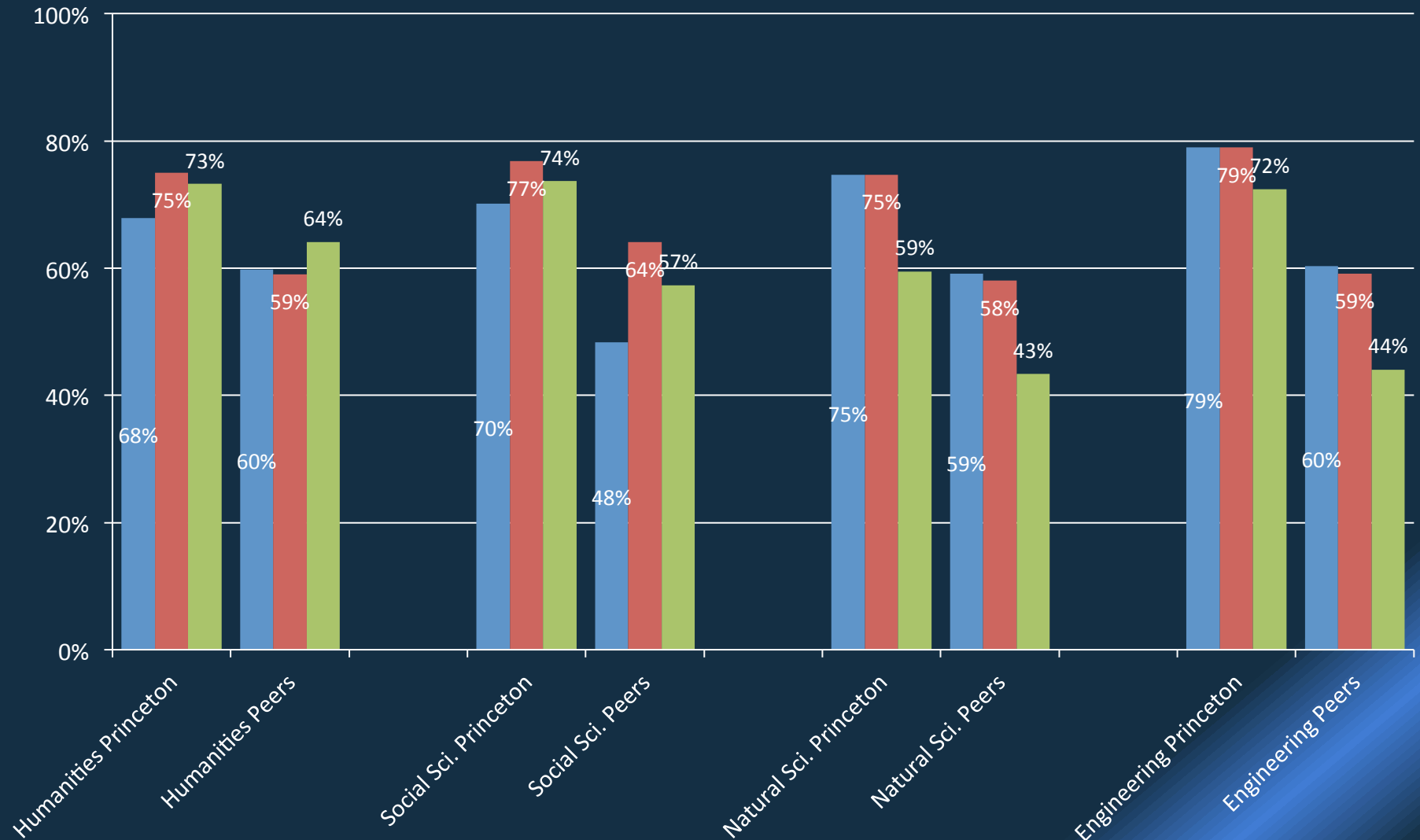
~25%

Graduate Exit Questionnaire

- Completed by students as part of the degree check-out process.
- Assessment of mentoring, professional development, program climate, as well as future plans and goals
- Princeton has piloted an AAU plan to develop a repository of program-level peer data.

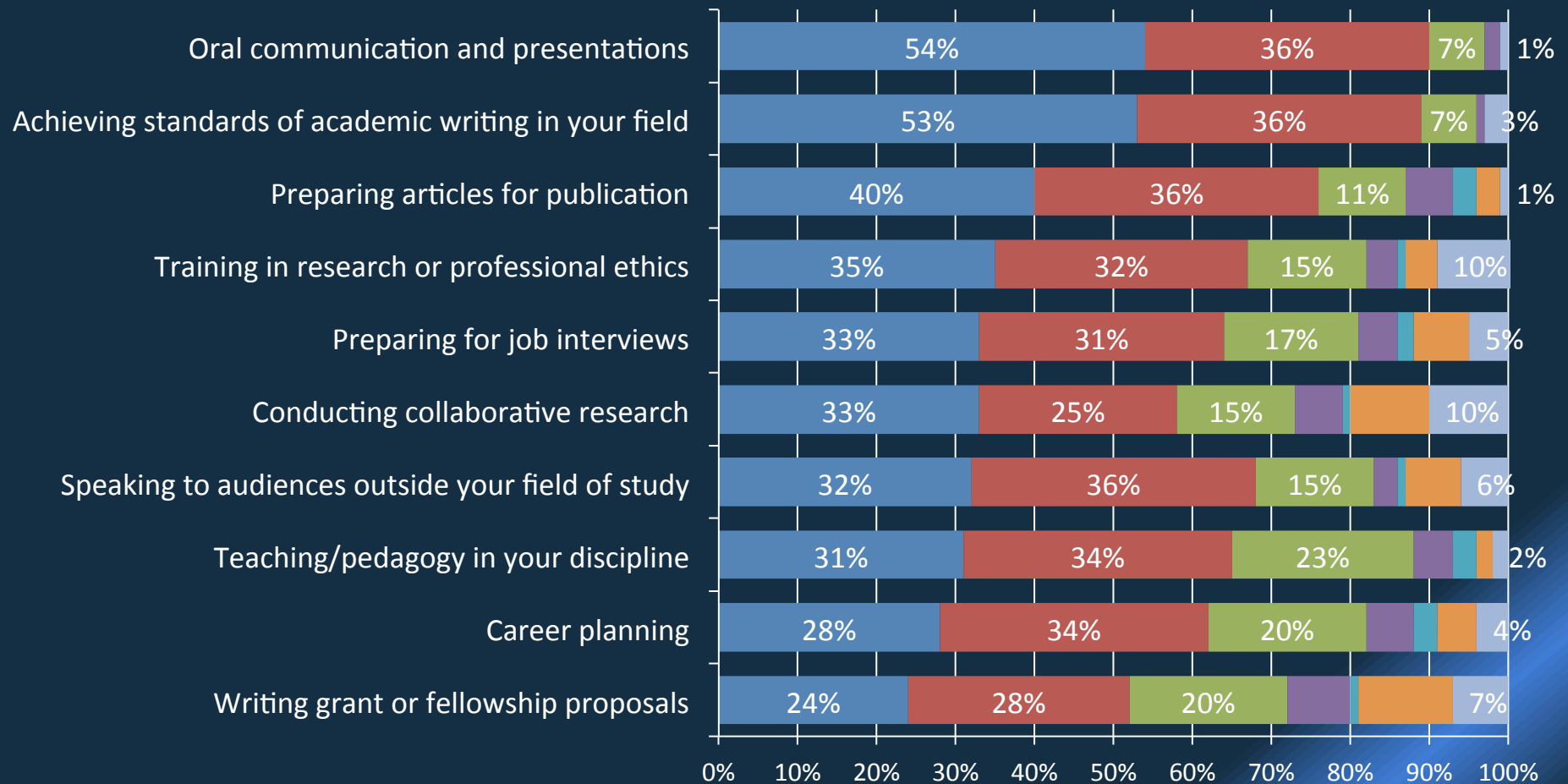
Percent of Ph.D. students who received very helpful advice from their dissertation advisor on:

■ Selection of a dissertation topic ■ Your dissertation research ■ Writing and revising your dissertation



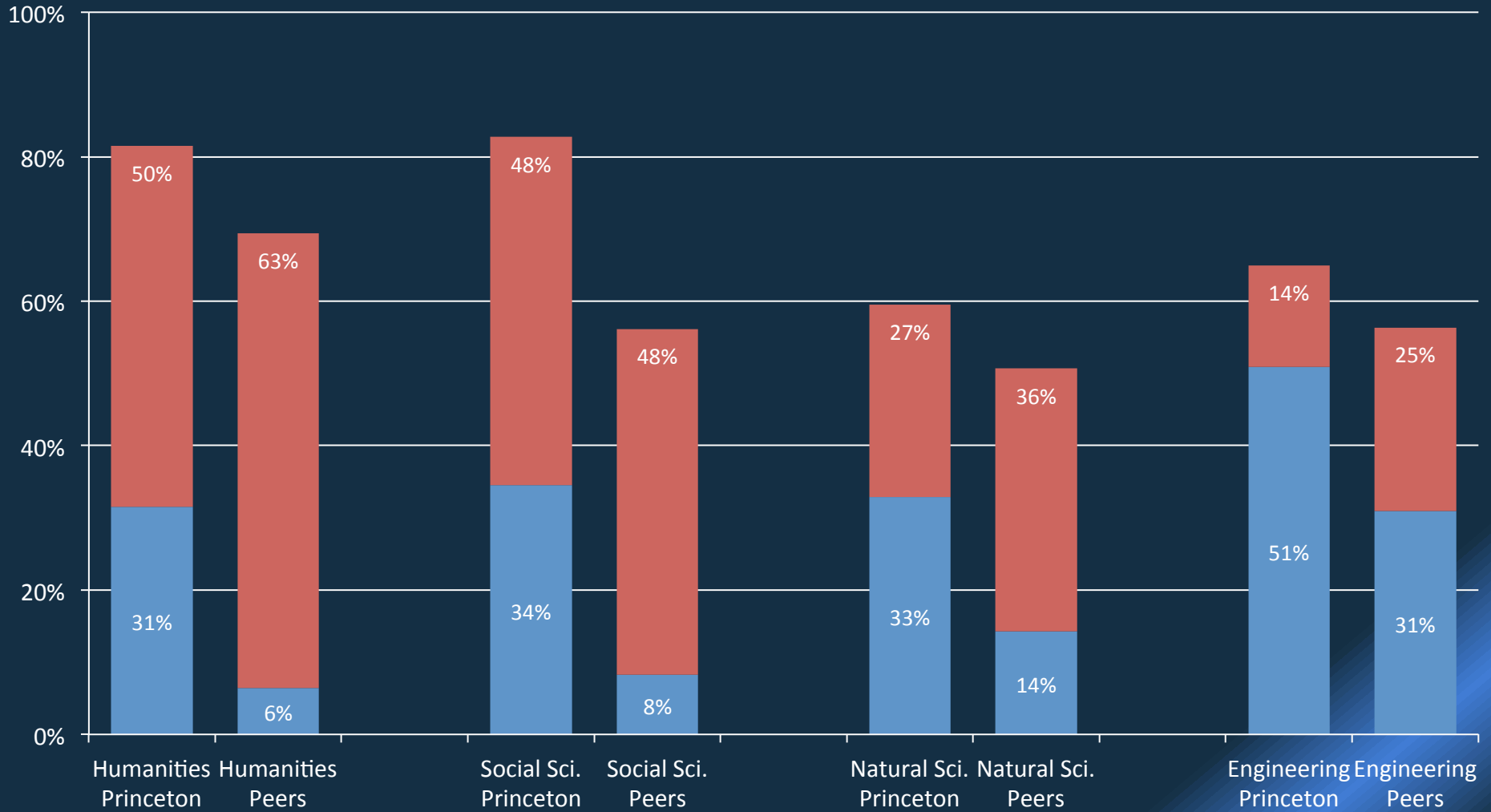
During your doctoral program, how satisfied were you with each of the following types of professional development?

■ Very Satisfied
 ■ Satisfied
 ■ Ambivalent
 ■ Dissatisfied
■ Very Dissatisfied
 ■ Did not participate
 ■ Was not available



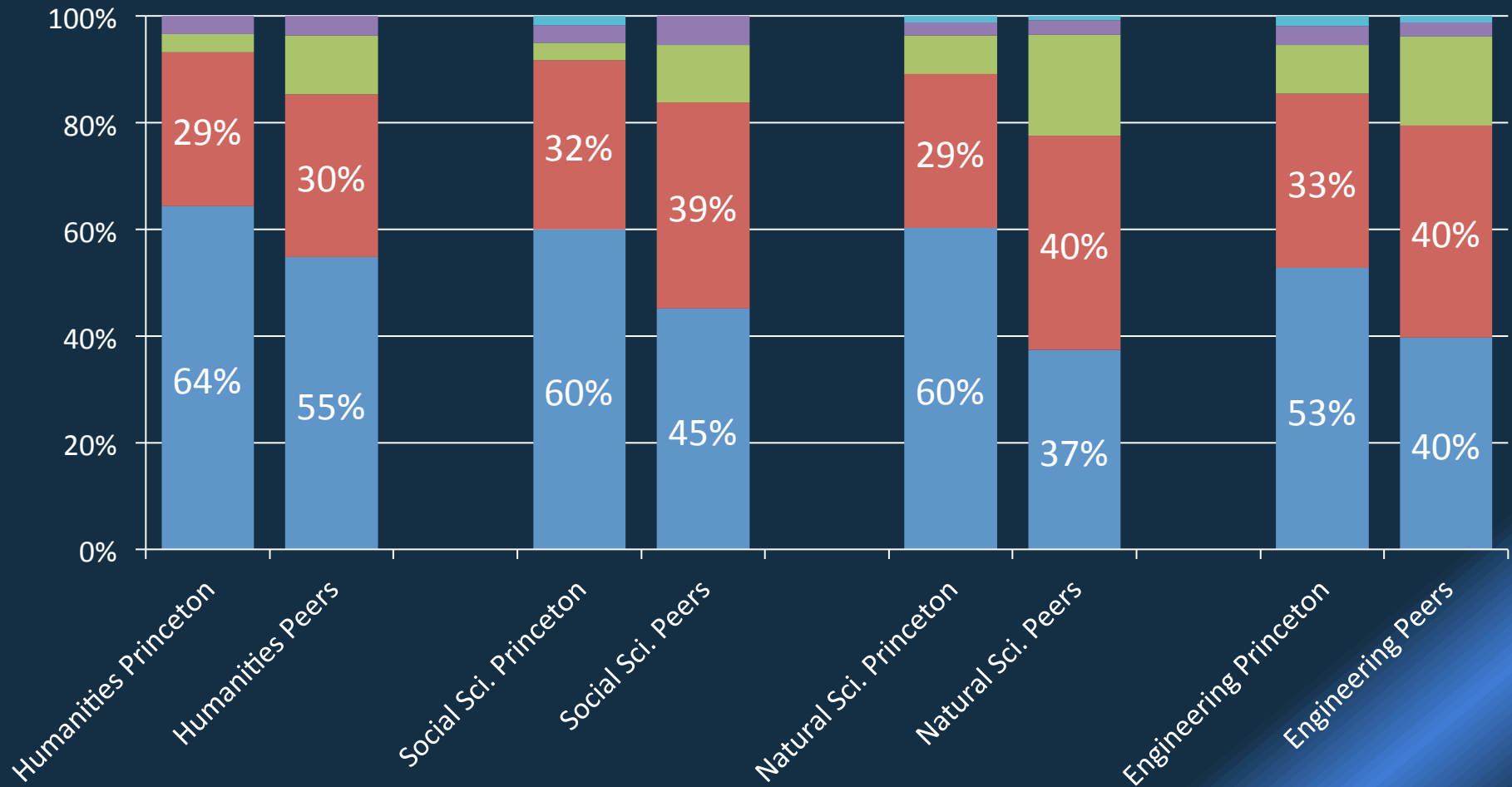
Percent of Ph.D. students who received advice from their dissertation advisor on non-academic career options

■ Very helpful ■ N/A - I did not receive advice on this



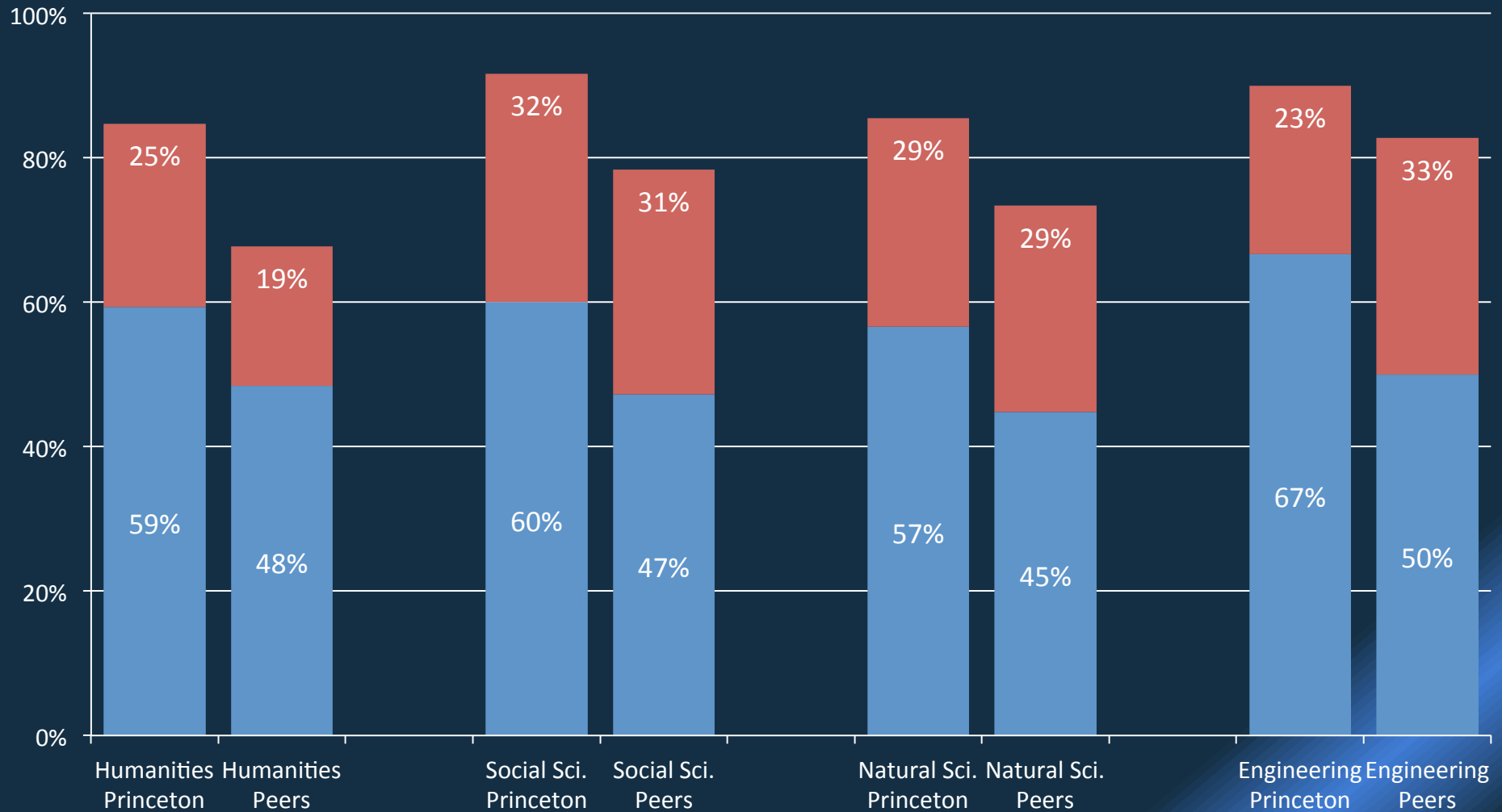
Please assess your academic experience at this university (Ph.D.)

■ Excellent
 ■ Very good
 ■ Good
 ■ Fair
 ■ Poor



Would you recommend this university to someone considering your field of study?

■ Definitely ■ Probably



December 4, 2012

Institutional Research

8

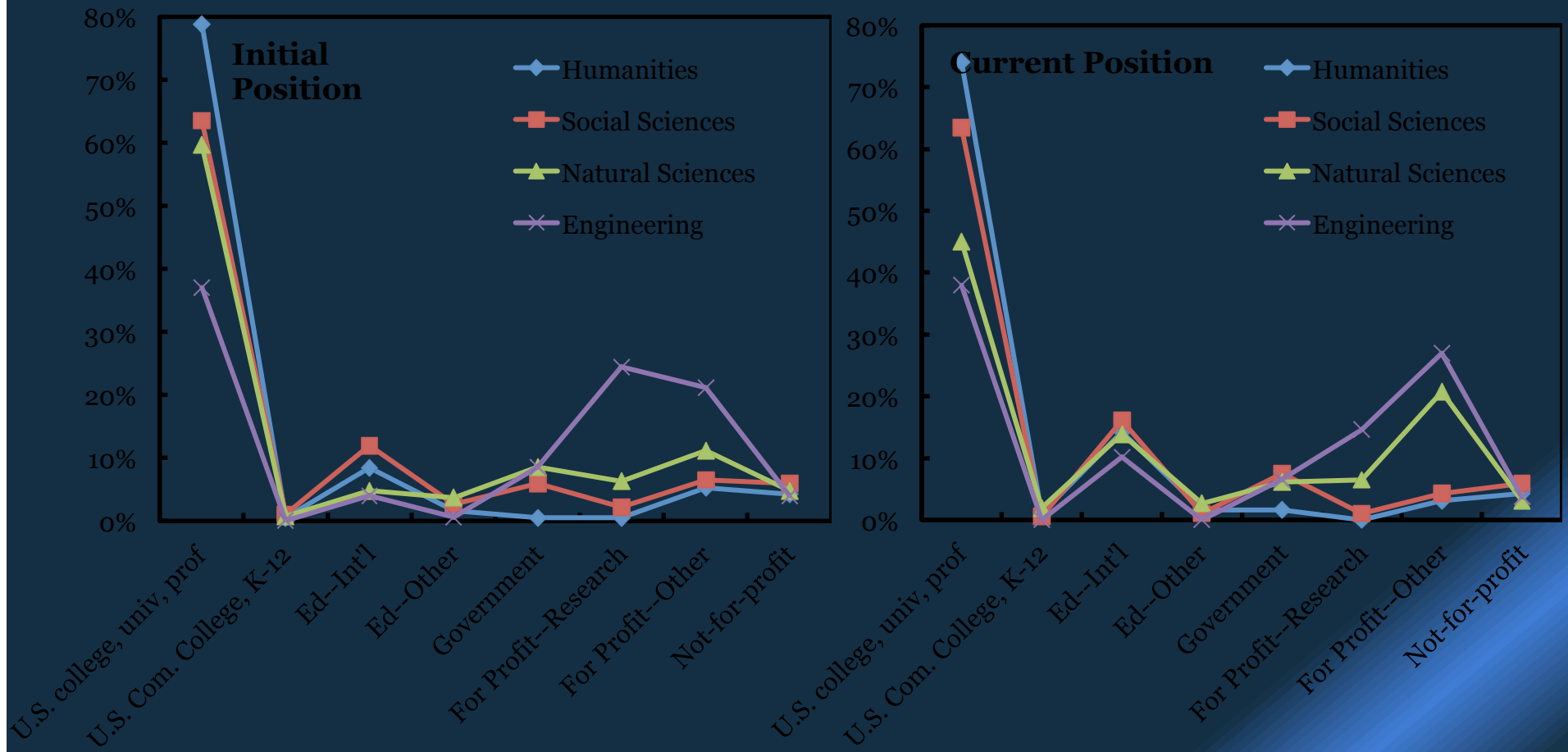
Graduate Alumni Survey

- Invited graduate alumni who had completed their graduate degree between 1996 and 2005—5 to 15 years post degree
- Approximately one-third (860 of 2,642) of the invited doctoral degree recipients started the survey of which 806 completed the entire survey, representing 27% of the total doctoral degree recipients.
- The pool of respondents is fairly representative of the alumni who completed their doctoral degree between 1996 and 2006 with respect to broad field of study, year of degree, gender, and citizenship/race/ethnicity.

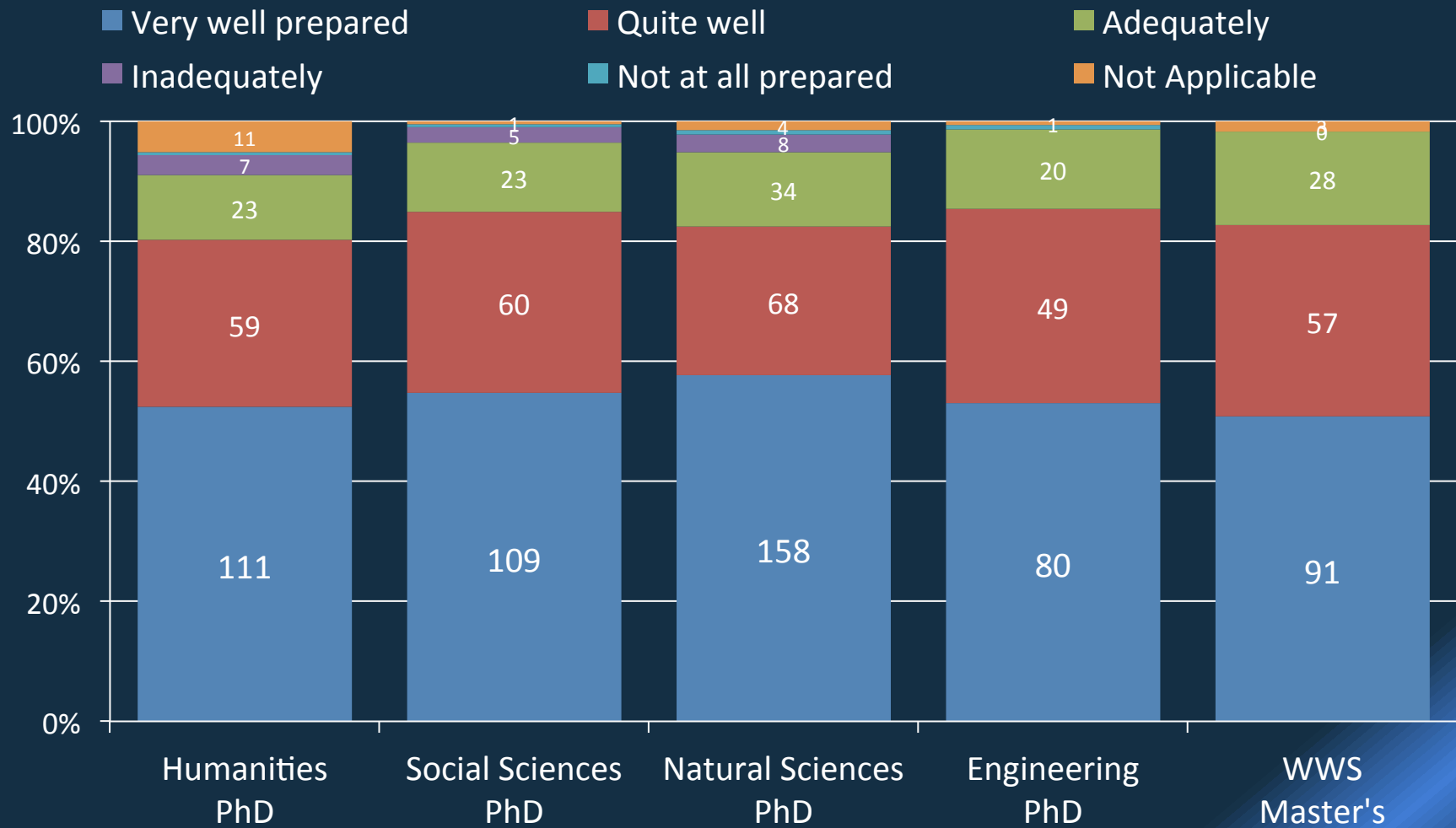
Development of Careers

Exit Survey

Alumni

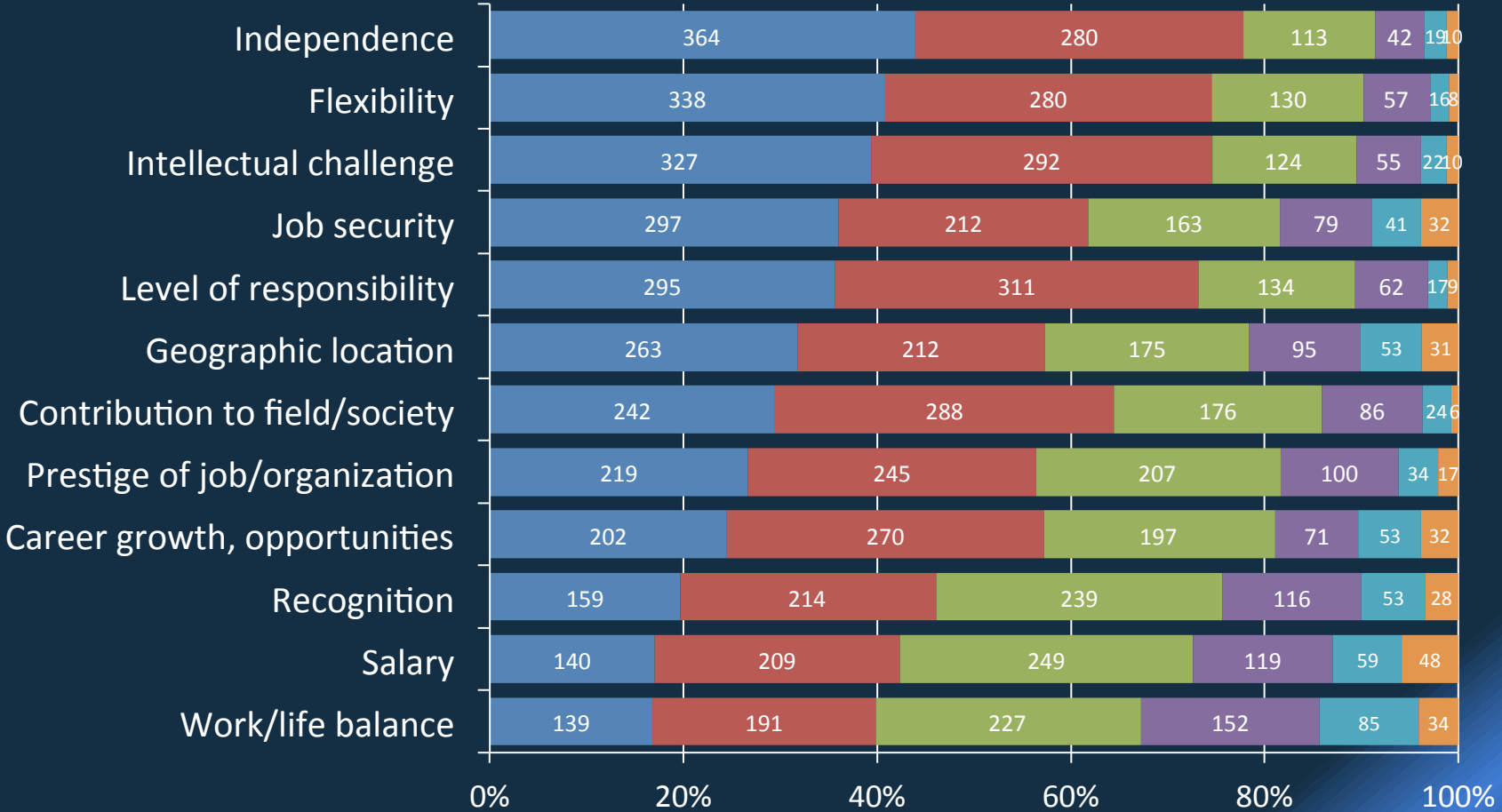


How well their Princeton graduate degree prepared them for their chosen career



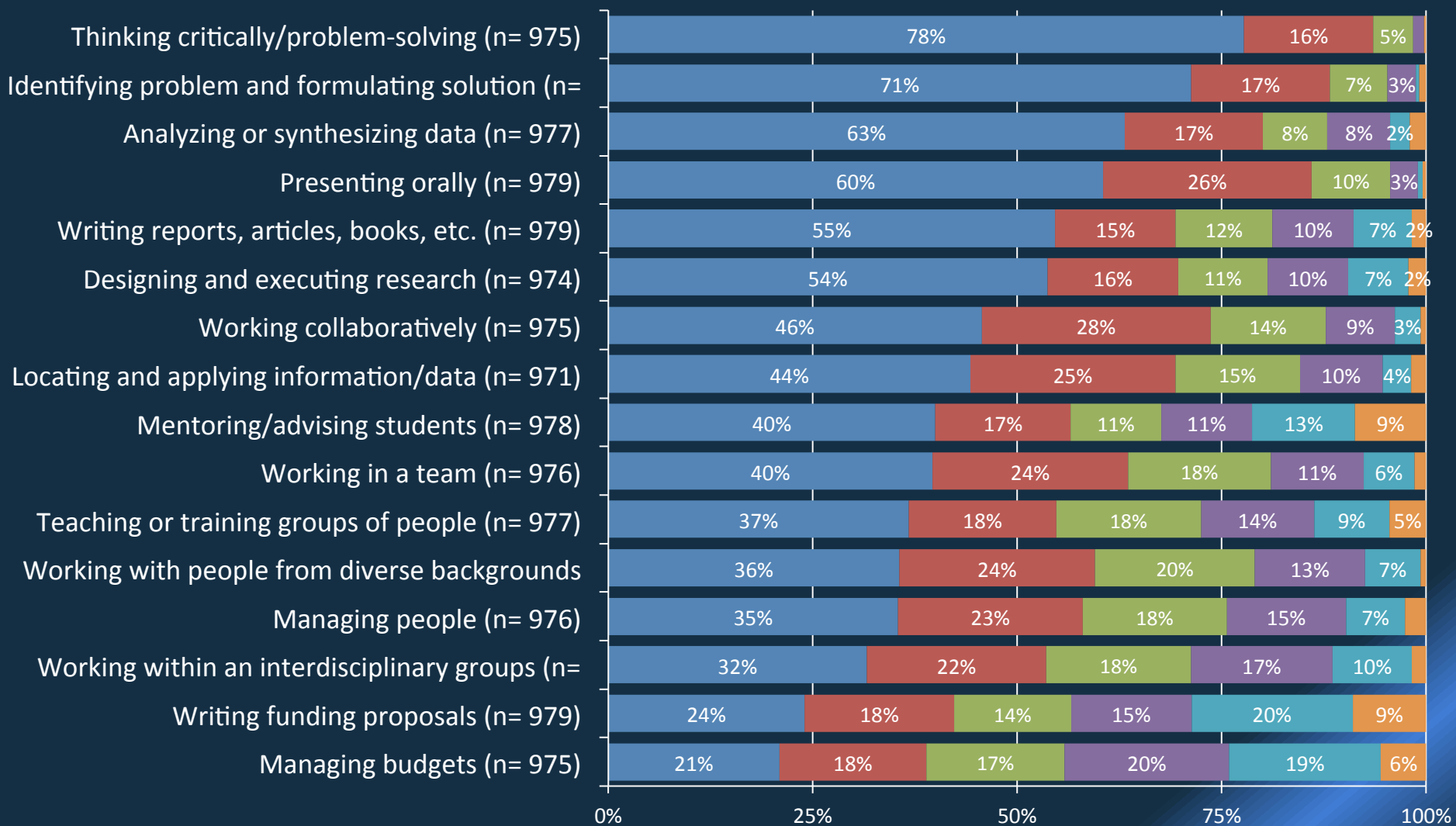
Doctoral Alumni: Satisfaction with current position

- Completely Satisfied
- Very Satisfied
- Satisfied
- Somewhat Satisfied
- Somewhat Dissatisfied
- Dissatisfied



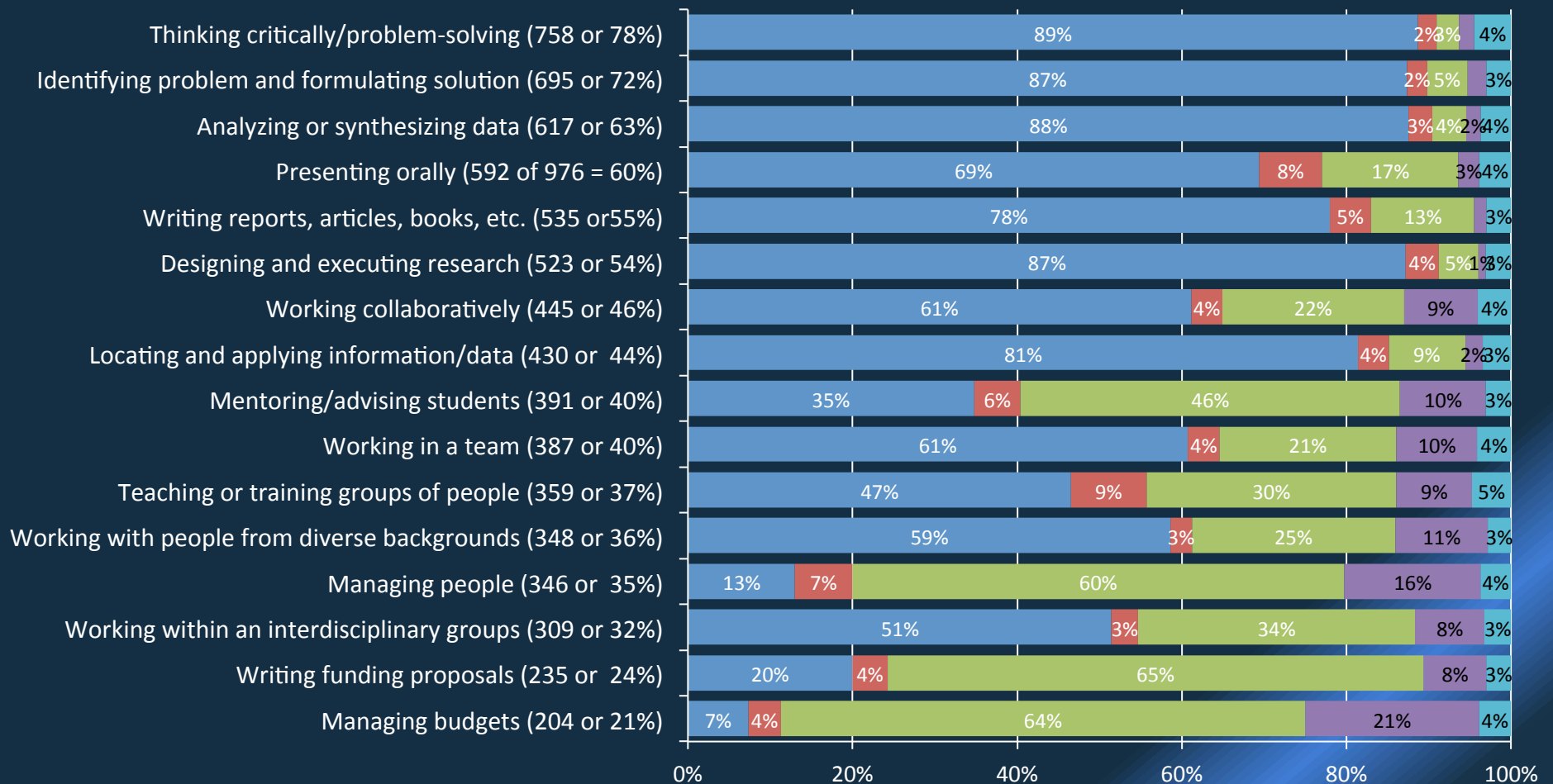
Importance of skills and abilities to current work

■ Essential
 ■ Very important
 ■ Important
 ■ Somewhat important
 ■ Not important
 ■ Not applicable

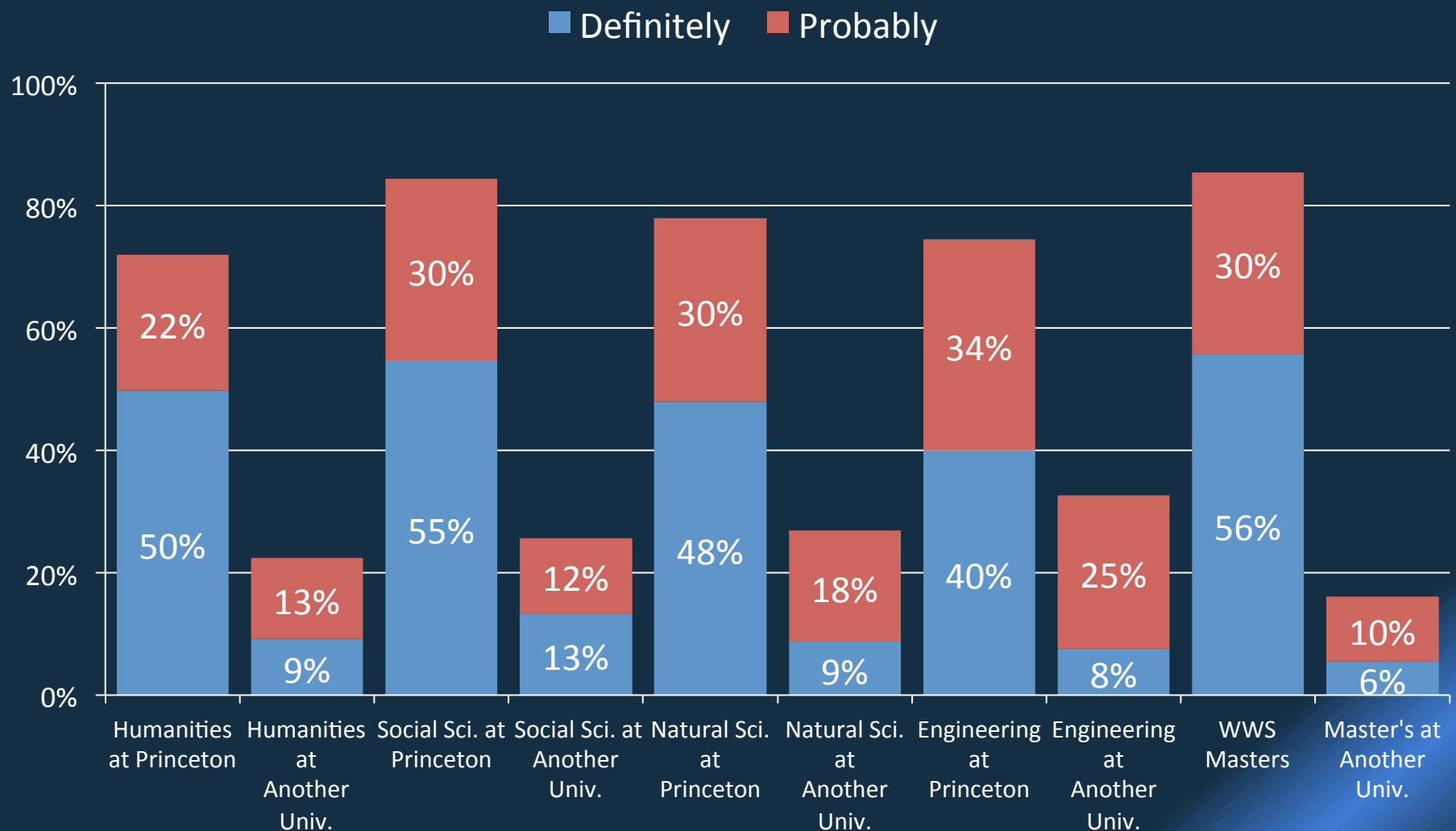


Assessment of training by those who identified skill/ability as essential to their current work

- Princeton provide effective training
- Princeton provided training that was not effective
- Princeton did not provide training but it would have been helpful
- Princeton did not provide training, and it is not necessary
- No response



Knowing what you know now, if you had it to do over again, would you choose the same field of study at:



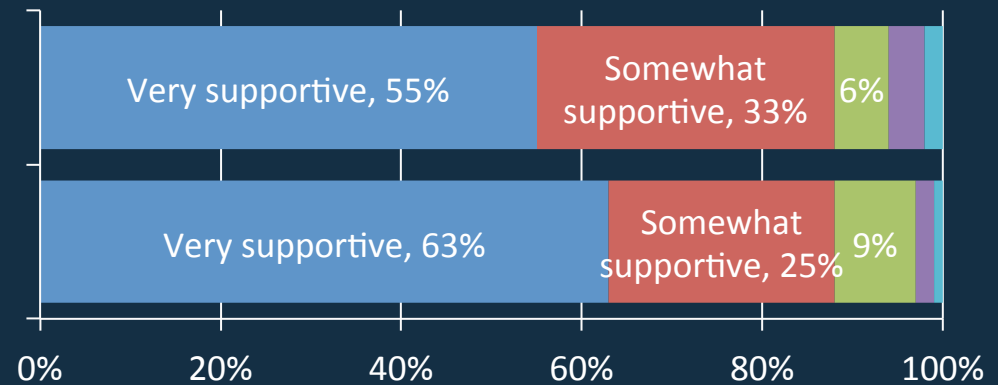


Please rate the level of support...

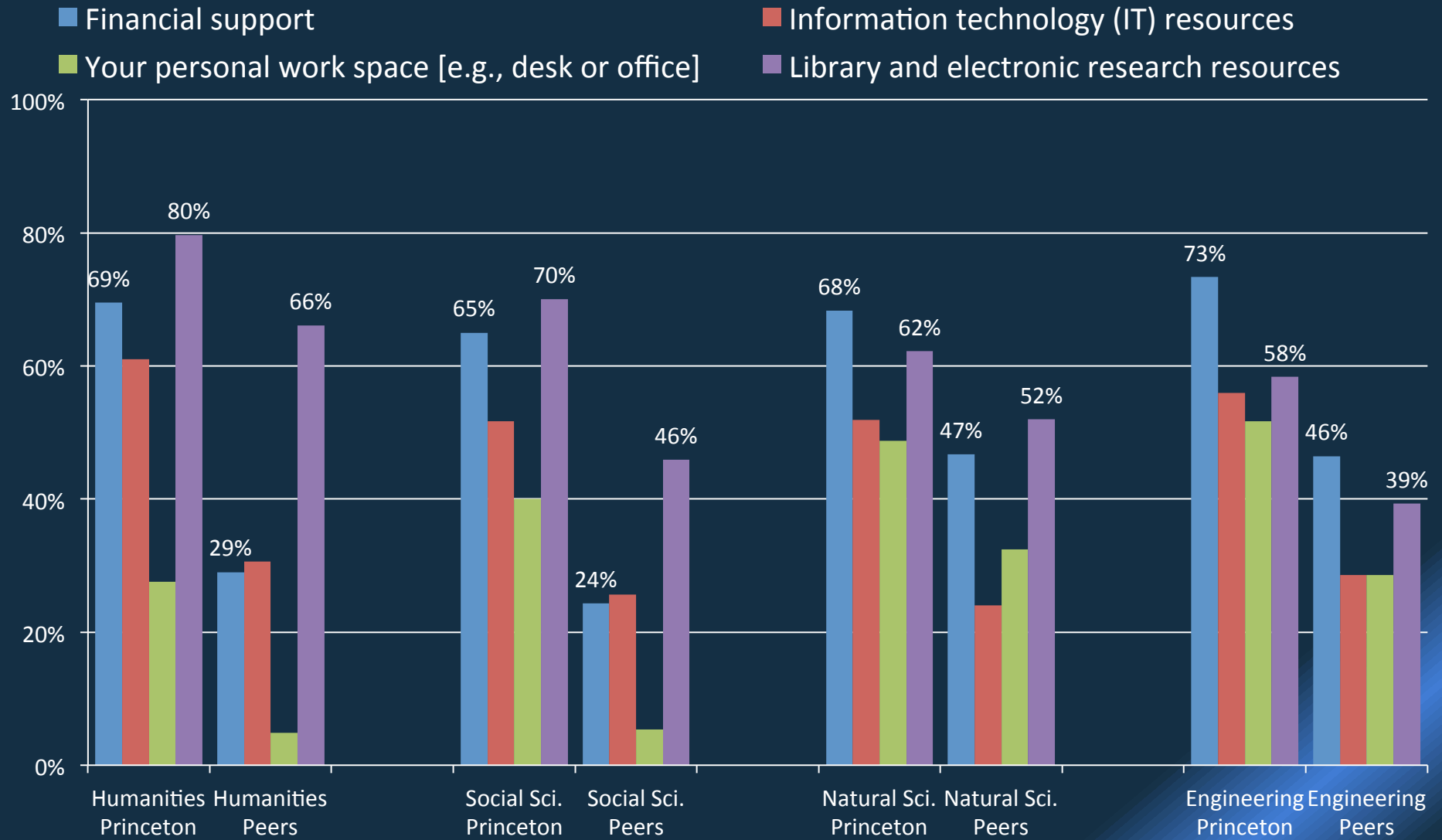
- Very supportive
- Somewhat supportive
- Neutral
- Somewhat unsupportive
- Very unsupportive

The faculty in your program provided graduate students in your program

Students in your program provided one another

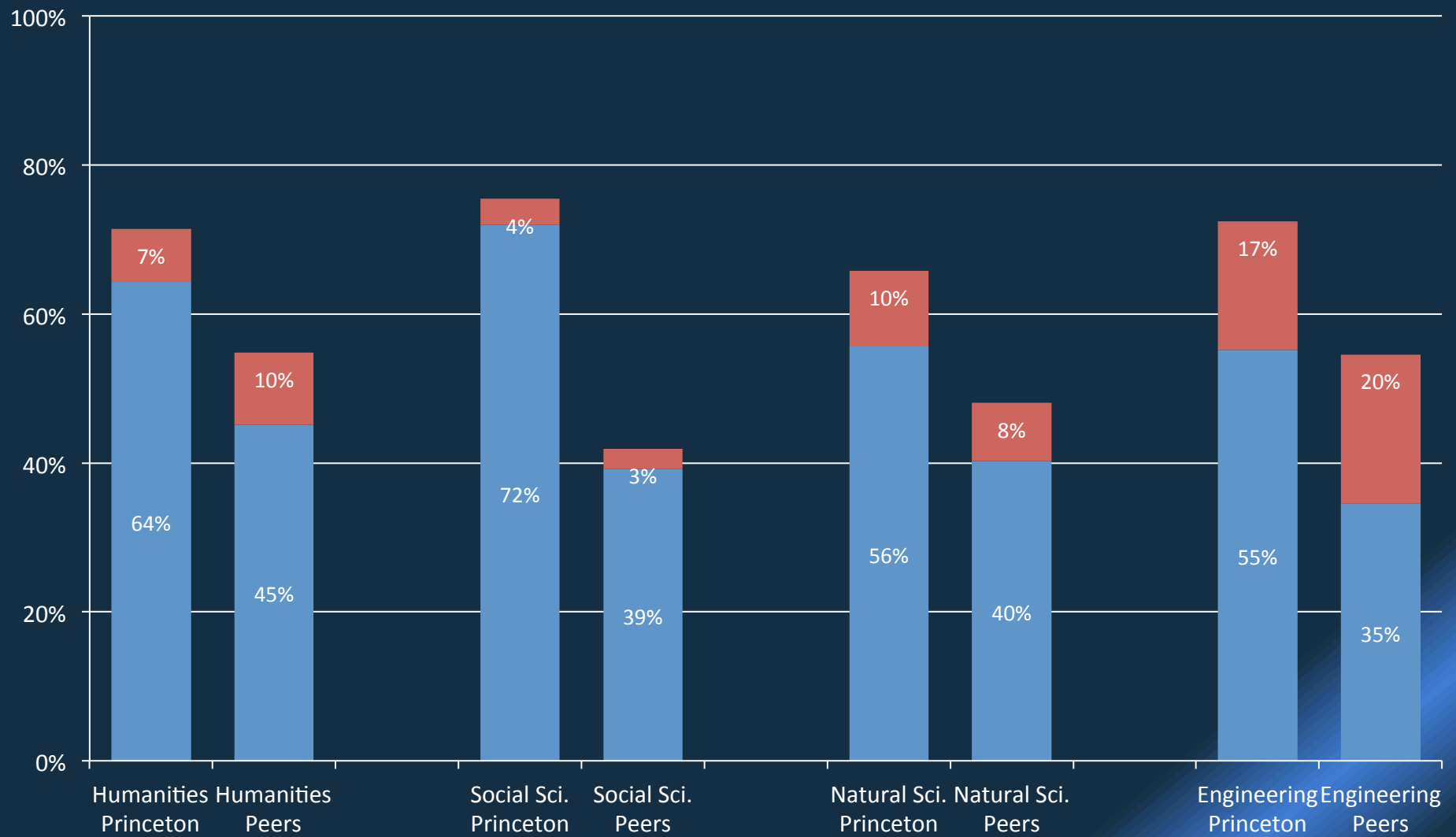


Please assess the following academic and research resources (Ph.D.)



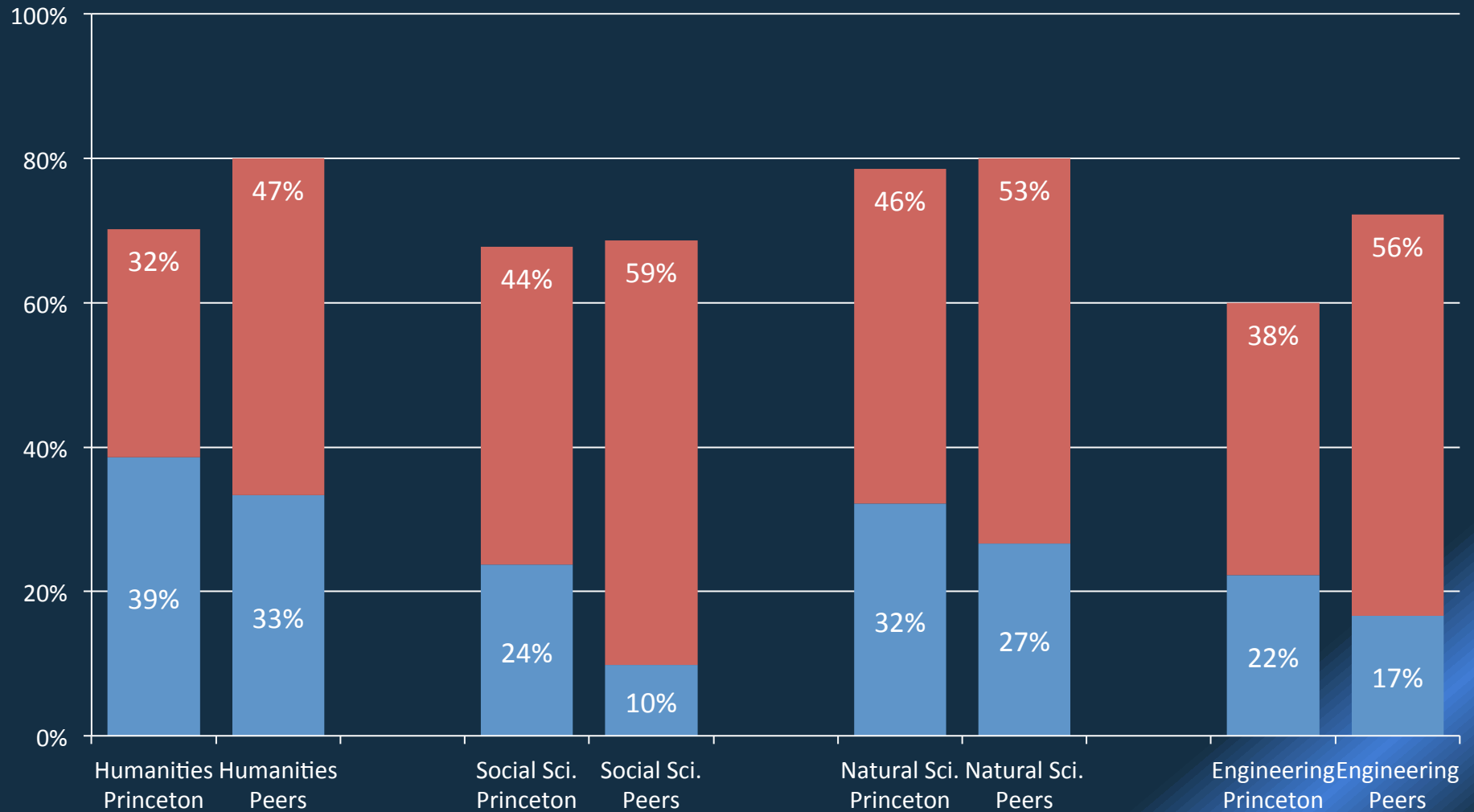
Percent of Ph.D. students who received advice from their dissertation advisor on academic career options

■ Very helpful ■ N/A - I did not receive advice on this



How helpful was the training you received for teaching? (Had been a TA)

Very helpful Somewhat helpful

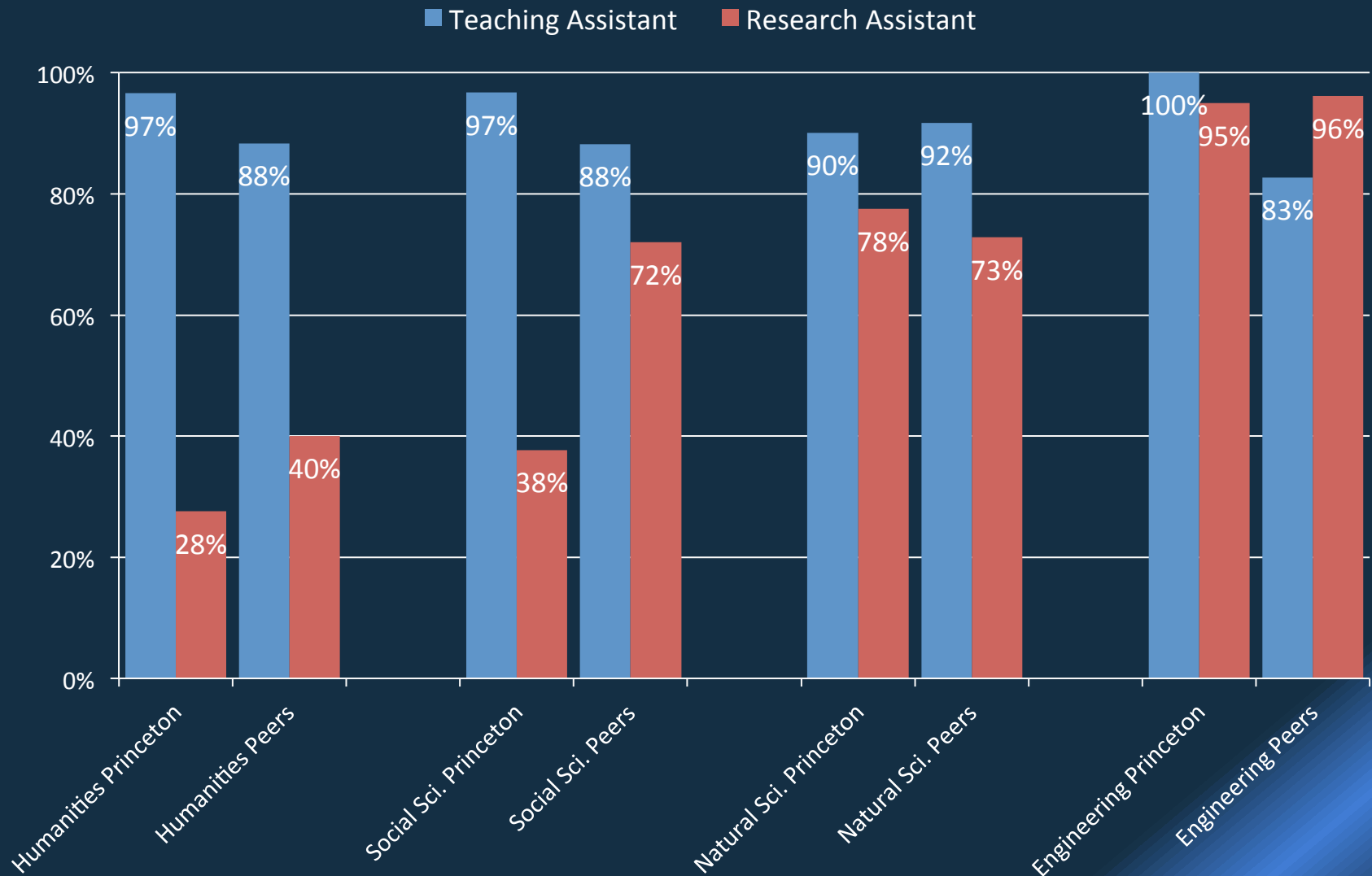


October 22, 2012

Institutional Research

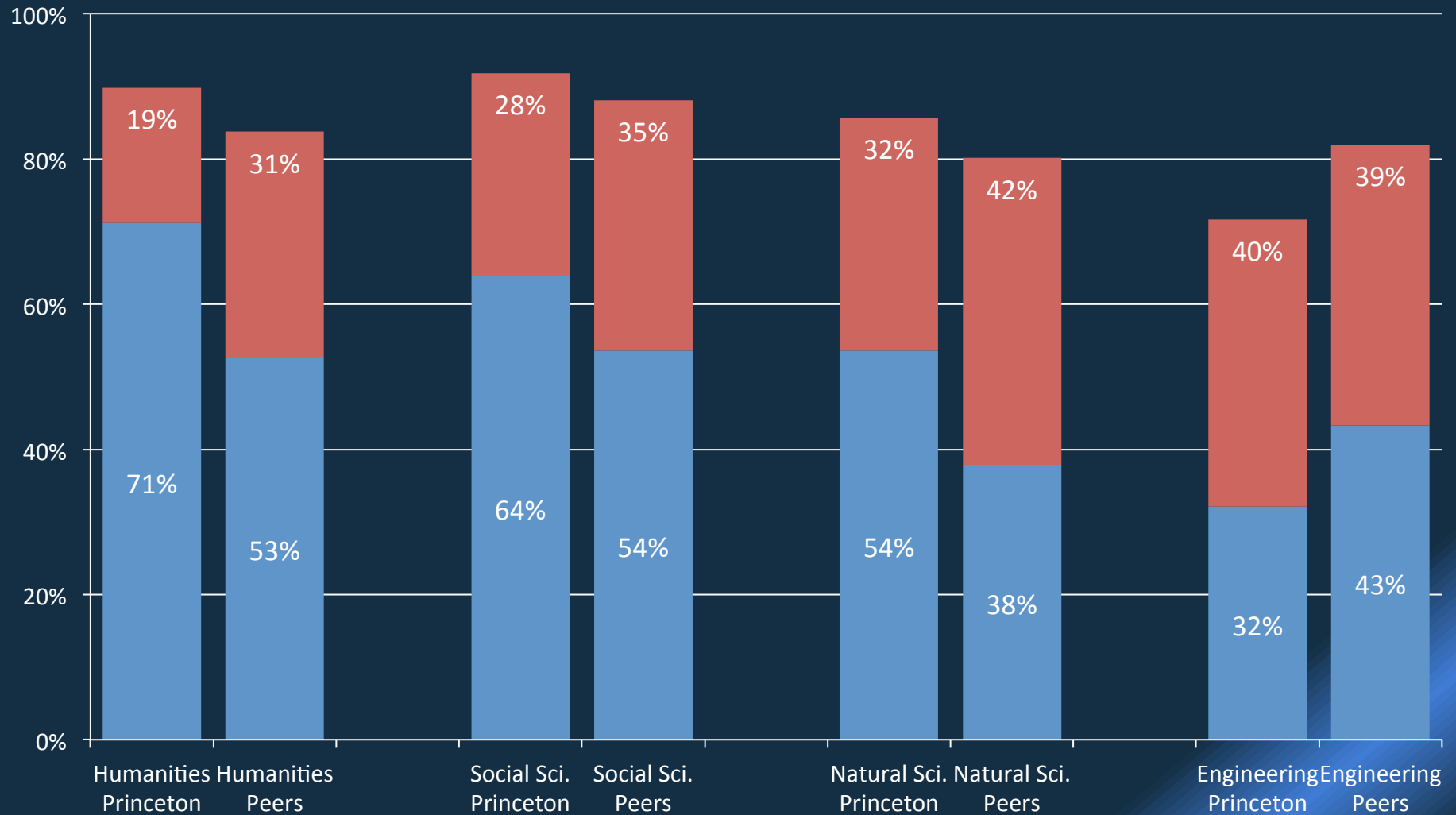
20

Were you a teaching assistant (TA) or research assistant (AR) at any time during your graduate studies?



How helpful was your TA experience with respect to your professional development?

Very helpful Somewhat helpful



October 22, 2012

Institutional Research

22

Current placement of graduate alumni appropriately 5 to 15 years post degree

	Humanities PhD (n=217)	Social Sciences PhD (n=199)	Natural Sciences PhD (n=279)	Engineering PhD (n=154)	WWS Master's (n=185)
Postdoctoral appointment	0%	2%	4%	1%	1%
Full-time position at 4-year college or university	66%	58%	41%	33%	3%
<i>Non-tenure-track faculty</i>	5%	4%	2%	4%	0%
<i>Tenure track faculty</i>	48%	49%	33%	27%	2%
<i>Other position</i>	13%	5%	5%	1%	1%
Full-time position at a non-U.S. educational institution	13%	15%	13%	9%	1%
Full-time position in another U.S. education sector	1%	1%	2%	0%	1%
Full-time position in government	1%	7%	6%	6%	34%
Full-time position in private sector	3%	5%	26%	37%	17%
<i>Research</i>	0%	1%	6%	13%	0%
<i>Banking/Financial</i>	1%	1%	4%	5%	3%
<i>Industry/Manufacturing</i>	0%	1%	6%	12%	1%
<i>Full-time position in private sector--Services</i>	1%	2%	2%	3%	5%
<i>Other</i>	0%	1%	9%	4%	9%
Full-time position at a not-for-profit organization	4%	6%	2%	3%	26%
Other activity / not working	13%	8%	6%	10%	17%
Total	100%	100%	100%	100%	100%

Initial placement reported by graduate alumni (5-15 year post degree cohort)

	Humanities PhD (n=217)	Social Sciences PhD (n=199)	Natural Sciences PhD (n=279)	Engineering PhD (n=154)	WWS Master's (n=185)
Postdoctoral appointment	16%	22%	70%	36%	1%
Full-time position at 4-year college or university	55%	42%	7%	12%	1%
<i>Non-tenure-track faculty</i>	20%	8%	1%	1%	1%
<i>Tenure track faculty</i>	32%	32%	4%	10%	0%
<i>Other position</i>	3%	2%	2%	1%	0%
Full-time position at a non-U.S. educational institution	6%	6%	1%	3%	1%
Full-time position in another U.S. education sector	1%	3%	1%	0%	2%
Full-time position in government	0%	6%	3%	3%	45%
Full-time position in private sector	5%	8%	14%	42%	16%
<i>Research</i>	0%	2%	4%	21%	1%
<i>Banking/Financial</i>	1%	2%	3%	3%	4%
<i>Industry/Manufacturing</i>	1%	0%	3%	14%	0%
<i>Services</i>	2%	3%	2%	3%	3%
<i>Other</i>	1%	2%	2%	2%	8%
Full-time position at a not-for-profit organization	3%	5%	1%	3%	28%
Other activity / not working	14%	9%	4%	2%	8%
Total	100%	100%	100%	100%	100%

Intellectual works presented or published

