



COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
at the HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

2016 CIRP Freshman Survey

CIRP Theme Reports

First-time, Full-time Freshmen

Southwestern University

Comparison group 1: Other Religious 4yr Colleges-high selectivity
Comparison group 2: Other Religious 4yr Colleges



Table of Contents

	CIRP Theme Reports	
	How to Read the CIRP Theme Reports	H1
a	College Choice	1A
b	Financing College	1B
c	Academic Disengagement	1C
d	Academic Preparation	1D
e	Interaction with Teachers	1E
f	Science Identity and Self-Efficacy	1F
g	Written and Oral Communication	1G
h	Leadership	1H
i	Civic Engagement: Participation, Awareness, and Values	1I
j	Diversity	1J
k	Health and Wellness	1K
l	Spirituality/Religiosity	1L
m	Career Planning	1M



CIRP Surveys are comprehensive, covering a wide range of topics that research has shown are impacted by the college experience. Theme reports combine relevant items together for easy access. By examining these items together, these reports illustrate what contributes to specific areas of interest on campus and can be used to facilitate discussion on your campus. Although the survey items were included because they relate to the theme, the item(s) may not be the most important to your institution, its mission, programs, or goals. We encourage you to review your entire Institutional Profile for additional results of specific interest on your campus. Theme reports are generated for first-time, full-time freshmen, which we defined as those respondents who first entered college in 2015 and are currently enrolled full-time.

Theme Description – Provides a brief definition of the topics covered by the theme.

Summarized Frequencies – Full results for all items are provided in the Institutional Profile report.

Mean – The arithmetic mean is computed for each survey item based on the response options. Response options are given numeric values and are listed in descending order (i.e., 5=Much Stronger, 4=Stronger, 3=No Change, 2=Weaker, 1=Much Weaker).

Interaction with Teachers - These items relate to the amount of time and types of interactions students had with their high school teachers.

	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Asked a teacher for advice after class									
Frequently / Occasionally	21.4%	73.6%	76.7%	28.6%	76.5%	77.8%	14.3%	68.5%	75.3%
Mean	1.21	1.97	2.00	1.29	2.00	2.02	1.14	1.90	1.98
Standard Deviation	0.42	0.70	0.68	0.47	0.69	0.68	0.36	0.72	0.68
Significance	--	***	***	--	***	***	--	***	***
Effect Size	--	-1.09	-1.16	--	-1.03	-1.07	--	-1.06	-1.24

Note: Significance * p<.05, ** p<.01, *** p<.001

Statistical Significance – Uses t-test to examine the difference between the mean score for your institution and the comparison group. Items with mean differences that are larger than would be expected by chance are noted with one, two, or three stars, which correspond to the three standard levels of significance (*p< .05, **p< .01, and ***p< .001). Statistical significance measures the extent to which a difference is occurring by chance, not the extent to which a difference is practically important. Large sample sizes (like those in the comparison groups) tend to generate statistical significance even though the magnitude of the difference may be small and not practically significant. In order to provide additional context to statistical significance, effect sizes are provided.

Effect Size – Determines the practical significance of the mean difference between your institution and the comparison group. It is calculated by dividing the mean difference by the standard deviation of the comparison group. Generally, an effect size of .2 is considered small, .5 medium, and .8 large. A positive sign indicates that your institution's mean is greater than the mean of the comparison group; a negative sign indicates your mean is smaller than the mean of the comparison group. Note that a negative effect size is sometimes preferred (e.g. a negative effect size on "How often during the past year did you come late to class" suggests fewer students at your institution reported this was the case).

Comp 1 – The first comparison group is based on your institution's type, control, and selectivity.

Comp 2 – The second comparison group is based on your institution's type and control.

Standard Deviation – Measures the variability around the mean. A small standard deviation indicates that the responses to the item tend to be very close to the mean, whereas a large standard deviation indicates that the responses are spread over a larger range of response options.



College Choice - These items illustrate the areas students may have considered in choosing to attend college in general, as well as a particular college.

See also CIRP Construct: College Reputation Orientation.

See also CIRP Theme: Financing College.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
To how many colleges other than this one did you apply for admission this year?										
None	5.0%	11.9%	14.2%	2.7%	11.4%	14.1%	6.7%	12.2%	14.3%	
1	3.5%	8.0%	9.4%	3.4%	7.8%	9.3%	3.6%	8.2%	9.5%	
2	12.3%	11.3%	13.0%	9.5%	11.1%	13.0%	14.4%	11.4%	13.0%	
3	16.1%	13.4%	15.8%	15.6%	13.9%	16.3%	16.4%	13.1%	15.4%	
4	13.5%	10.5%	12.3%	11.6%	10.0%	12.7%	14.9%	10.8%	12.1%	
5	9.9%	9.1%	9.6%	8.8%	9.8%	9.7%	10.8%	8.7%	9.6%	
6	12.3%	7.9%	6.8%	17.0%	7.6%	6.8%	8.7%	8.1%	6.8%	
7-8	14.0%	12.0%	8.9%	17.7%	11.7%	8.6%	11.3%	12.2%	9.2%	
9-10	7.6%	8.1%	5.0%	8.2%	9.2%	5.1%	7.2%	7.2%	4.9%	
11 or more	5.8%	7.7%	4.9%	5.4%	7.4%	4.4%	6.2%	8.0%	5.3%	
Were you accepted by your first choice college?										
Yes	81.2%	82.5%	83.9%	82.6%	80.0%	81.1%	80.2%	84.3%	86.2%	
Is this college your:										
First choice	55.7%	68.9%	63.8%	54.4%	66.9%	61.0%	56.7%	70.3%	66.1%	
Second choice	32.0%	19.9%	22.8%	32.0%	20.8%	24.0%	32.0%	19.3%	21.9%	
Third choice	8.5%	7.2%	8.4%	8.8%	7.9%	9.0%	8.2%	6.7%	7.9%	
Less than third choice	3.8%	4.0%	4.9%	4.8%	4.4%	5.9%	3.1%	3.8%	4.2%	
In deciding to go to college, how important to you was each of the following reasons?										
To be able to get a better job										
Very Important	75.6%	80.2%	81.6%	76.5%	81.3%	82.0%	74.9%	79.4%	81.3%	
Mean	2.70	2.77	2.79	2.70	2.78	2.79	2.69	2.77	2.78	
Standard deviation	0.57	0.49	0.47	0.58	0.48	0.47	0.57	0.49	0.48	
Significance	-	*	***	-	*	*	-	*	**	
Effect size	-	-0.14	-0.19	-	-0.17	-0.19	-	-0.16	-0.19	
To gain a general education and appreciation of ideas										
Very Important	75.5%	74.6%	74.8%	68.5%	68.2%	69.9%	80.9%	79.2%	78.6%	
Mean	2.74	2.72	2.73	2.66	2.65	2.67	2.80	2.78	2.77	
Standard deviation	0.48	0.50	0.49	0.53	0.55	0.53	0.43	0.45	0.45	
Significance	-			-			-			
Effect size	-	0.04	0.02	-	0.02	-0.02	-	0.04	0.07	



College Choice - These items illustrate the areas students may have considered in choosing to attend college in general, as well as a particular college.

See also CIRP Construct: College Reputation Orientation.

See also CIRP Theme: Financing College.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
To make me a more cultured person										
Very Important	55.7%	56.5%	52.1%	47.0%	46.5%	45.5%	62.4%	63.8%	57.3%	
Mean	2.46	2.48	2.42	2.34	2.34	2.31	2.56	2.58	2.49	
Standard deviation	0.66	0.65	0.67	0.70	0.69	0.70	0.62	0.59	0.64	
Significance	-			-			-			
Effect size	-	-0.03	0.06	-	0.00	0.04	-	-0.03	0.11	
To be able to make more money										
Very Important	62.8%	61.9%	66.3%	67.1%	68.4%	71.5%	59.5%	57.1%	62.2%	
Mean	2.53	2.54	2.59	2.60	2.62	2.66	2.47	2.48	2.54	
Standard deviation	0.67	0.64	0.62	0.61	0.61	0.58	0.71	0.66	0.64	
Significance	-			-			-			
Effect size	-	-0.02	-0.10	-	-0.03	-0.10	-	-0.02	-0.11	
In deciding to go to college, how important to you was each of the following reasons?										
To learn more about things that interest me										
Very Important	85.8%	86.6%	83.8%	81.9%	82.7%	79.3%	88.7%	89.4%	87.4%	
Mean	2.85	2.86	2.83	2.80	2.81	2.77	2.88	2.89	2.87	
Standard deviation	0.39	0.38	0.41	0.45	0.43	0.46	0.34	0.33	0.36	
Significance	-			-			-			
Effect size	-	-0.03	0.05	-	-0.02	0.07	-	-0.03	0.03	
To get training for a specific career										
Very Important	61.0%	75.8%	80.3%	58.4%	73.0%	77.3%	63.1%	77.9%	82.7%	
Mean	2.54	2.72	2.77	2.54	2.69	2.74	2.55	2.74	2.80	
Standard deviation	0.62	0.53	0.48	0.59	0.55	0.51	0.64	0.51	0.46	
Significance	-	***	***	-	**	***	-	***	***	
Effect size	-	-0.34	-0.48	-	-0.27	-0.39	-	-0.37	-0.54	
To prepare myself for graduate or professional school										
Very Important	58.1%	51.4%	56.7%	58.4%	48.0%	52.8%	57.9%	53.9%	59.8%	
Mean	2.44	2.31	2.40	2.46	2.27	2.35	2.43	2.33	2.43	
Standard deviation	0.73	0.79	0.76	0.71	0.79	0.77	0.74	0.80	0.76	
Significance	-	**		-	**		-			
Effect size	-	0.16	0.05	-	0.24	0.14	-	0.13	0.00	
To please my family										
Very important	25.6%	25.4%	35.0%	22.1%	27.8%	39.0%	28.2%	23.6%	31.8%	



College Choice - These items illustrate the areas students may have considered in choosing to attend college in general, as well as a particular college.

See also CIRP Construct: College Reputation Orientation.

See also CIRP Theme: Financing College.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Mean	1.90	1.91	2.07	1.79	1.94	2.12	1.98	1.89	2.03	
Standard deviation	0.78	0.77	0.79	0.78	0.79	0.80	0.76	0.75	0.78	
Significance	-		***	-	*	***	-			
Effect size	-	-0.01	-0.22	-	-0.19	-0.41	-	0.12	-0.06	
My teacher advised me										
Very Important	5.8%	5.8%	7.4%	2.0%	5.8%	7.7%	8.7%	5.9%	7.1%	
Mean	1.33	1.37	1.42	1.31	1.40	1.45	1.34	1.35	1.39	
Standard deviation	0.58	0.59	0.63	0.51	0.60	0.63	0.63	0.59	0.62	
Significance	-		**	-		**	-			
Effect size	-	-0.07	-0.14	-	-0.15	-0.22	-	-0.02	-0.08	
This college has a very good academic reputation										
Very Important	81.3%	68.2%	61.6%	79.7%	65.6%	55.7%	82.6%	70.0%	66.3%	College Reputation Orientation
Mean	2.80	2.65	2.56	2.78	2.62	2.49	2.82	2.67	2.62	
Standard deviation	0.44	0.54	0.59	0.46	0.56	0.62	0.41	0.53	0.56	
Significance	-	***	***	-	***	***	-	***	***	
Effect size	-	0.28	0.41	-	0.29	0.47	-	0.28	0.36	
How important was each reason in your decision to come here?										
This college has a good reputation for its social and extracurricular activities										
Very Important	47.1%	54.9%	52.2%	46.6%	52.6%	49.6%	47.4%	56.5%	54.3%	
Mean	2.35	2.46	2.42	2.34	2.42	2.38	2.37	2.48	2.45	
Standard deviation	0.68	0.66	0.67	0.70	0.67	0.68	0.67	0.65	0.66	
Significance	-	**		-			-	*		
Effect size	-	-0.17	-0.10	-	-0.12	-0.06	-	-0.17	-0.12	
I was offered financial assistance										
Very Important	76.3%	59.9%	62.5%	75.0%	57.6%	58.7%	77.3%	61.5%	65.5%	
Mean	2.71	2.45	2.52	2.71	2.43	2.47	2.71	2.47	2.55	
Standard deviation	0.56	0.73	0.68	0.54	0.74	0.69	0.58	0.73	0.68	
Significance	-	***	***	-	***	***	-	***	**	
Effect size	-	0.36	0.28	-	0.38	0.35	-	0.33	0.24	
The cost of attending this college										
Very Important	34.4%	33.4%	37.0%	29.1%	29.7%	32.9%	38.5%	36.0%	40.2%	
Mean	2.10	2.06	2.13	2.03	2.01	2.07	2.14	2.10	2.18	
Standard deviation	0.76	0.78	0.77	0.74	0.77	0.76	0.78	0.78	0.77	
Significance	-			-			-			



College Choice - These items illustrate the areas students may have considered in choosing to attend college in general, as well as a particular college.

See also CIRP Construct: College Reputation Orientation.

See also CIRP Theme: Financing College.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Effect size	-	0.05	-0.04	-	0.03	-0.05	-	0.05	-0.05	
High school counselor advised me										
Very Important	7.9%	7.9%	8.9%	6.1%	8.8%	9.7%	9.3%	7.2%	8.2%	
Mean	1.31	1.39	1.43	1.32	1.44	1.47	1.30	1.35	1.39	
Standard deviation	0.61	0.63	0.65	0.59	0.65	0.67	0.63	0.61	0.63	
Significance	-	*	***	-	*	**	-		*	
Effect size	-	-0.13	-0.18	-	-0.18	-0.22	-	-0.08	-0.14	
How important was each reason in your decision to come here?										
Private college counselor advised me										
Very Important	4.1%	6.6%	7.4%	4.7%	7.3%	7.6%	3.6%	6.1%	7.2%	
Mean	1.24	1.31	1.35	1.27	1.34	1.38	1.22	1.28	1.32	
Standard deviation	0.52	0.59	0.61	0.54	0.61	0.62	0.50	0.57	0.60	
Significance	-	*	***	-		*	-		*	
Effect size	-	-0.12	-0.18	-	-0.11	-0.18	-	-0.11	-0.17	
I wanted to live near home										
Very Important	19.0%	14.5%	19.7%	14.9%	12.9%	17.5%	22.1%	15.6%	21.4%	
Mean	1.71	1.54	1.67	1.63	1.54	1.65	1.77	1.54	1.68	
Standard deviation	0.77	0.73	0.78	0.73	0.71	0.76	0.79	0.75	0.80	
Significance	-	***		-			-	***		
Effect size	-	0.23	0.05	-	0.13	-0.03	-	0.31	0.11	
Not offered aid by first choice										
Very Important	10.6%	8.4%	9.9%	8.2%	8.1%	9.8%	12.4%	8.7%	10.0%	
Mean	1.36	1.31	1.39	1.33	1.33	1.42	1.39	1.30	1.36	
Standard deviation	0.67	0.62	0.66	0.62	0.62	0.66	0.70	0.62	0.66	
Significance	-			-			-	*		
Effect size	-	0.08	-0.05	-	0.00	-0.14	-	0.15	0.05	
How important was each reason in your decision to come here?										
Could not afford first choice										
Very Important	10.6%	9.5%	11.2%	8.1%	8.9%	10.8%	12.4%	9.8%	11.4%	
Mean	1.30	1.30	1.37	1.26	1.30	1.39	1.34	1.30	1.36	
Standard deviation	0.65	0.63	0.68	0.60	0.62	0.67	0.69	0.64	0.68	
Significance	-			-		*	-			
Effect size	-	0.00	-0.10	-	-0.06	-0.19	-	0.06	-0.03	



College Choice - These items illustrate the areas students may have considered in choosing to attend college in general, as well as a particular college.

See also CIRP Construct: College Reputation Orientation.

See also CIRP Theme: Financing College.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
This college's graduates gain admission to top graduate/professional schools										
Very Important	45.6%	33.1%	29.1%	42.6%	30.1%	25.7%	47.9%	35.3%	31.8%	College Reputation Orientation
Mean	2.27	2.04	1.99	2.27	2.01	1.94	2.27	2.06	2.02	
Standard deviation	0.76	0.79	0.77	0.72	0.77	0.75	0.79	0.80	0.78	
Significance	-	***	***	-	***	***	-	***	***	
Effect size	-	0.29	0.36	-	0.34	0.44	-	0.26	0.32	
This college's graduates get good jobs										
Very Important	66.9%	59.0%	54.5%	65.3%	56.1%	49.8%	68.0%	61.2%	58.2%	College Reputation Orientation
Mean	2.60	2.50	2.43	2.55	2.47	2.37	2.64	2.53	2.48	
Standard deviation	0.61	0.66	0.69	0.67	0.66	0.70	0.56	0.65	0.68	
Significance	-	**	***	-		**	-	*	**	
Effect size	-	0.15	0.25	-	0.12	0.26	-	0.17	0.24	
How important was each reason in your decision to come here?										
I was attracted by the religious affiliation/orientation of this college										
Very Important	3.8%	26.2%	32.6%	4.7%	20.1%	26.0%	3.1%	30.6%	37.7%	
Mean	1.30	1.77	1.92	1.28	1.66	1.82	1.33	1.84	2.01	
Standard deviation	0.54	0.84	0.85	0.54	0.79	0.82	0.53	0.86	0.86	
Significance	-	***	***	-	***	***	-	***	***	
Effect size	-	-0.56	-0.73	-	-0.48	-0.66	-	-0.59	-0.79	
I wanted to go to a school about the size of this college										
Very Important	50.3%	55.2%	52.5%	40.5%	45.1%	41.6%	57.7%	62.5%	60.9%	
Mean	2.35	2.43	2.38	2.19	2.30	2.23	2.47	2.53	2.50	
Standard deviation	0.73	0.70	0.72	0.77	0.72	0.74	0.68	0.67	0.69	
Significance	-	*		-			-			
Effect size	-	-0.11	-0.04	-	-0.15	-0.05	-	-0.09	-0.04	
Rankings in national magazines										
Very Important	18.8%	18.2%	13.7%	18.9%	18.5%	13.8%	18.8%	18.0%	13.6%	
Mean	1.73	1.73	1.61	1.74	1.75	1.62	1.73	1.72	1.60	
Standard deviation	0.76	0.75	0.72	0.76	0.75	0.72	0.76	0.75	0.72	
Significance	-		**	-		*	-		*	
Effect size	-	0.00	0.17	-	-0.01	0.17	-	0.01	0.18	



College Choice - These items illustrate the areas students may have considered in choosing to attend college in general, as well as a particular college.

See also CIRP Construct: College Reputation Orientation.

See also CIRP Theme: Financing College.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
I was admitted through an Early Action or Early Decision program										
Very Important	17.0%	15.5%	13.1%	11.5%	13.7%	11.6%	21.2%	16.8%	14.3%	
Mean	1.52	1.50	1.46	1.42	1.48	1.46	1.60	1.51	1.46	
Standard deviation	0.77	0.75	0.72	0.69	0.72	0.69	0.82	0.76	0.73	
Significance	-			-			-		**	
Effect size	-	0.03	0.08	-	-0.08	-0.06	-	0.12	0.19	
How important was each reason in your decision to come here?										
A visit to this campus										
Very Important	58.2%	60.8%	55.9%	55.4%	52.9%	49.0%	60.3%	66.5%	61.4%	
Mean	2.52	2.51	2.44	2.48	2.41	2.36	2.55	2.58	2.50	
Standard deviation	0.62	0.67	0.70	0.63	0.69	0.70	0.60	0.64	0.69	
Significance	-		*	-		*	-			
Effect size	-	0.01	0.11	-	0.10	0.17	-	-0.05	0.07	
This college's graduates make a difference in the world										
Very important	41.9%	47.6%	42.7%	35.8%	38.0%	35.6%	46.6%	54.5%	48.2%	
Mean	2.23	2.34	2.26	2.16	2.21	2.16	2.29	2.43	2.34	
Standard deviation	0.74	0.70	0.73	0.73	0.71	0.73	0.75	0.69	0.72	
Significance	-	**		-			-	**		
Effect size	-	-0.16	-0.04	-	-0.07	0.00	-	-0.20	-0.07	



Financing College - These items relate to the financial issues associated with attending college.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
How much of your first year's educational expenses (room, board, tuition, and fees) do you expect to cover from each of the sources listed below?										
Family resources (parents, relatives, spouse, etc.)										
None	14.0%	16.9%	25.7%	12.1%	17.1%	27.3%	15.4%	16.8%	24.4%	
\$1 - \$2,999	13.4%	13.0%	17.9%	12.1%	11.7%	16.0%	14.4%	14.0%	19.5%	
\$3,000 - \$5,999	9.6%	10.9%	13.0%	10.1%	10.6%	12.9%	9.2%	11.0%	13.1%	
\$6,000 - \$9,999	10.5%	9.8%	10.0%	12.8%	9.7%	9.9%	8.7%	9.8%	10.1%	
\$10,000 - \$14,999	12.8%	12.0%	10.6%	14.8%	12.0%	10.6%	11.3%	11.9%	10.5%	
\$15,000 +	39.8%	37.5%	22.7%	38.3%	38.9%	23.3%	41.0%	36.4%	22.3%	
My own resources (savings from work, work-study, other income)										
None	48.8%	40.3%	42.3%	51.7%	41.1%	44.5%	46.7%	39.7%	40.6%	
\$1 - \$2,999	39.0%	38.4%	38.1%	35.6%	36.6%	35.7%	41.5%	39.7%	40.0%	
\$3,000 - \$5,999	8.7%	12.5%	11.5%	8.7%	12.9%	11.6%	8.7%	12.2%	11.5%	
\$6,000 - \$9,999	0.9%	4.1%	3.8%	1.3%	4.2%	3.8%	0.5%	4.1%	3.8%	
\$10,000 - \$14,999	0.9%	2.1%	2.0%	1.3%	2.7%	2.4%	0.5%	1.8%	1.7%	
\$15,000 +	1.7%	2.6%	2.2%	1.3%	2.5%	2.1%	2.1%	2.6%	2.3%	
How much of your first year's educational expenses (room, board, tuition, and fees) do you expect to cover from each of the sources listed below?										
Aid which need <u>not</u> be repaid (grants, scholarships, military funding, etc.)										
None	9.9%	16.7%	18.8%	9.4%	18.5%	22.6%	10.3%	15.3%	15.7%	
\$1 - \$2,999	4.7%	6.4%	7.3%	4.7%	5.9%	6.1%	4.6%	6.8%	8.4%	
\$3,000 - \$5,999	4.1%	8.9%	10.4%	4.0%	8.6%	9.6%	4.1%	9.2%	11.1%	
\$6,000 - \$9,999	6.7%	8.1%	9.6%	5.4%	7.2%	8.5%	7.7%	8.7%	10.5%	
\$10,000 - \$14,999	11.3%	14.1%	15.0%	10.1%	12.3%	13.7%	12.3%	15.4%	16.0%	
\$15,000 +	63.4%	45.8%	38.8%	66.4%	47.3%	39.5%	61.0%	44.6%	38.3%	
Aid which <u>must</u> be repaid (loans, etc.)										
None	49.1%	47.3%	41.9%	47.7%	48.5%	44.5%	50.3%	46.4%	39.8%	
\$1 - \$2,999	9.0%	8.3%	10.0%	5.4%	7.5%	9.3%	11.8%	8.9%	10.6%	
\$3,000 - \$5,999	14.5%	17.4%	19.2%	12.8%	17.1%	18.1%	15.9%	17.6%	20.0%	
\$6,000 - \$9,999	8.7%	9.0%	10.8%	10.7%	8.7%	10.4%	7.2%	9.2%	11.1%	
\$10,000 - \$14,999	9.6%	7.5%	8.3%	14.1%	7.8%	7.8%	6.2%	7.4%	8.8%	



Financing College - These items relate to the financial issues associated with attending college.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
\$15,000 +	9.0%	10.5%	9.7%	9.4%	10.4%	9.9%	8.7%	10.5%	9.6%	
What is your best estimate of your parents'/guardians' total income last year?										
Less than \$15,000	2.4%	2.9%	5.8%	2.7%	2.2%	5.4%	2.1%	3.4%	6.2%	
\$15,000 to \$24,999	3.3%	3.5%	5.8%	0.0%	2.6%	4.9%	5.9%	4.1%	6.5%	
\$25,000 to \$29,999	3.0%	2.9%	4.7%	2.0%	2.8%	4.1%	3.7%	3.1%	5.1%	
\$30,000 to \$59,999	9.0%	11.6%	15.9%	8.8%	11.1%	15.1%	9.1%	11.9%	16.5%	
\$60,000 to \$74,999	9.3%	10.8%	12.7%	7.5%	9.1%	12.3%	10.7%	12.1%	13.1%	
\$75,000 to \$99,999	9.0%	13.1%	14.1%	10.9%	12.9%	14.6%	7.5%	13.3%	13.7%	
\$100,000 to \$124,999	16.8%	15.7%	13.9%	19.7%	16.0%	14.2%	14.4%	15.5%	13.7%	
\$125,000 to 149,000	12.0%	8.4%	7.0%	10.9%	8.5%	7.1%	12.8%	8.3%	6.8%	
\$150,000 to \$199,999	8.4%	8.9%	6.7%	11.6%	9.7%	7.4%	5.9%	8.2%	6.0%	
\$200,000 to \$249,999	8.1%	7.5%	4.9%	6.1%	8.5%	5.4%	9.6%	6.8%	4.5%	
\$250,000 to \$499,999	13.2%	9.3%	5.5%	14.3%	10.8%	6.1%	12.3%	8.1%	4.9%	
\$500,000 or higher	5.7%	5.4%	3.1%	5.4%	5.8%	3.4%	5.9%	5.1%	2.9%	
Do you have any concern about your ability to finance your college education?										
None (I am confident that I will have sufficient funds)	38.0%	34.2%	30.5%	43.2%	40.6%	36.8%	34.0%	29.5%	25.6%	
Some (but I probably will have enough funds)	54.1%	55.6%	56.4%	49.3%	51.3%	53.1%	57.7%	58.8%	58.9%	
Major (not sure I will have enough funds to complete college)	7.9%	10.2%	13.1%	7.4%	8.1%	10.1%	8.2%	11.7%	15.5%	
How important was each reason in your decision to come here?										
I was offered financial assistance										
Very Important / Somewhat Important	94.7%	85.6%	89.1%	95.9%	85.0%	88.3%	93.8%	86.0%	89.6%	
Mean	2.71	2.45	2.52	2.71	2.43	2.47	2.71	2.47	2.55	
Standard deviation	0.56	0.73	0.68	0.54	0.74	0.69	0.58	0.73	0.68	
Significance	-	***	***	-	***	***	-	***	**	
Effect size	-	0.36	0.28	-	0.38	0.35	-	0.33	0.24	
The cost of attending this college										
Very Important / Somewhat Important	75.2%	72.8%	76.1%	74.4%	71.1%	74.4%	75.9%	73.9%	77.5%	
Mean	2.10	2.06	2.13	2.03	2.01	2.07	2.14	2.10	2.18	
Standard deviation	0.76	0.78	0.77	0.74	0.77	0.76	0.78	0.78	0.77	
Significance	-	-	-	-	-	-	-	-	-	
Effect size	-	0.05	-0.04	-	0.03	-0.05	-	0.05	-0.05	
Not offered aid by first choice										
Very Important / Somewhat Important	25.9%	22.7%	28.7%	24.5%	24.6%	31.8%	26.9%	21.4%	26.3%	

Note: Significance * p<.05, ** p<.01, *** p<.001



Financing College - These items relate to the financial issues associated with attending college.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Mean	1.36	1.31	1.39	1.33	1.33	1.42	1.39	1.30	1.36	
Standard deviation	0.67	0.62	0.66	0.62	0.62	0.66	0.70	0.62	0.66	
Significance	-			-			-	*		
Effect size	-	0.08	-0.05	-	0.00	-0.14	-	0.15	0.05	
Could not afford first choice										
Very Important / Somewhat Important	20.0%	20.5%	26.0%	17.6%	21.4%	28.1%	21.7%	19.7%	24.2%	
Mean	1.30	1.30	1.37	1.26	1.30	1.39	1.34	1.30	1.36	
Standard deviation	0.65	0.63	0.68	0.60	0.62	0.67	0.69	0.64	0.68	
Significance	-			-		*	-			
Effect size	-	0.00	-0.10	-	-0.06	-0.19	-	0.06	-0.03	
What is your best guess as to the chances that you will:										
Get a job to help pay for college expenses										
Very Good Chance / Some Chance	77.1%	81.8%	82.7%	69.1%	77.4%	78.1%	83.1%	84.8%	86.3%	
Mean	3.11	3.26	3.28	2.95	3.12	3.14	3.23	3.35	3.39	
Standard deviation	0.86	0.87	0.86	0.90	0.90	0.89	0.81	0.83	0.82	
Significance	-	**	***	-	*	*	-	*	**	
Effect size	-	-0.17	-0.20	-	-0.19	-0.21	-	-0.14	-0.20	



2016 CIRP Freshman Survey
First-time, Full-time Freshmen
Academic Disengagement
CIRP Theme

Academic Disengagement - These items relate to the extent to which students engage in behaviors that are inconsistent with academic success.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
In the past year, how often have you:										
Been bored in class										
Frequently	38.6%	37.5%	36.9%	40.5%	39.1%	37.4%	37.1%	36.3%	36.4%	
Mean	2.36	2.33	2.32	2.38	2.34	2.32	2.35	2.32	2.32	
Standard deviation	0.53	0.56	0.57	0.54	0.57	0.58	0.53	0.54	0.56	
Significance	-			-			-			
Effect size	-	0.05	0.07	-	0.07	0.10	-	0.06	0.05	
Been late to class										
Frequently / Occasionally	50.4%	50.5%	50.1%	49.0%	53.3%	52.2%	51.5%	48.5%	48.5%	
Mean	1.58	1.58	1.56	1.56	1.61	1.58	1.59	1.55	1.54	
Standard deviation	0.63	0.62	0.60	0.62	0.62	0.60	0.63	0.62	0.61	
Significance	-			-			-			
Effect size	-	0.00	0.03	-	-0.08	-0.03	-	0.06	0.08	
Skipped school/class										
Frequently / Occasionally	26.4%	24.0%	24.0%	23.0%	22.6%	22.9%	28.9%	24.9%	24.9%	
Mean	1.28	1.26	1.26	1.24	1.25	1.25	1.31	1.27	1.27	
Standard deviation	0.48	0.48	0.48	0.44	0.47	0.48	0.51	0.48	0.48	
Significance	-			-			-			
Effect size	-	0.04	0.04	-	-0.02	-0.02	-	0.08	0.08	
Fallen asleep in class										
Frequently / Occasionally	40.5%	35.8%	39.4%	43.5%	39.7%	44.7%	38.1%	32.8%	35.0%	
Mean	1.44	1.40	1.45	1.47	1.45	1.51	1.42	1.37	1.40	
Standard deviation	0.57	0.58	0.60	0.57	0.60	0.62	0.57	0.56	0.58	
Significance	-			-			-			
Effect size	-	0.07	-0.02	-	0.03	-0.06	-	0.09	0.03	
Failed to complete homework on time										
Frequently / Occasionally	53.8%	50.3%	52.1%	56.5%	58.5%	59.0%	51.8%	44.3%	46.6%	
Mean	1.57	1.55	1.57	1.60	1.65	1.65	1.54	1.47	1.50	
Standard deviation	0.55	0.58	0.58	0.56	0.59	0.59	0.55	0.56	0.56	
Significance	-			-			-			
Effect size	-	0.03	0.00	-	-0.08	-0.08	-	0.13	0.07	



Academic Preparation - These items illustrate the academic skills and experiences students bring to college.

See also CIRP Construct: Habits of Mind, Academic Self-Concept.

See also CIRP Theme: Active and Collaborative Learning, Written and Oral Communication.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
SAT Critical Reading and Writing										
Mean	606	621	576	608	618	573	604	623	578	
Median	600	620	580	600	620	580	600	630	580	
SAT Mathematics										
Mean	590	610	557	615	627	571	571	596	545	
Median	590	610	560	610	630	580	580	600	550	
ACT Composite										
Mean	26	26	24	26	27	24	26	26	24	
Median	26	27	24	26	27	24	26	26	24	
Prior to this term, have you ever taken courses for credit at <u>this</u> institution?										
Yes	1.7%	5.4%	6.7%	3.4%	5.8%	6.6%	0.5%	5.0%	6.8%	
Since leaving high school, have you ever taken courses, whether for credit or not for credit, at any other institution (university, 4- or 2-year college, technical, vocational, or business school)?										
Yes	16.4%	14.8%	13.6%	14.2%	13.1%	11.7%	18.0%	16.1%	15.1%	
Please mark which of the following courses you have completed:										
Algebra II	99.1%	98.0%	96.7%	98.6%	97.8%	96.3%	99.5%	98.1%	97.1%	
Pre-calculus/Trigonometry	91.4%	85.7%	76.3%	95.8%	87.3%	76.4%	88.0%	84.6%	76.2%	
Probability & Statistics	34.8%	36.9%	34.5%	33.1%	38.8%	36.6%	36.1%	35.6%	32.9%	
Calculus	38.5%	38.2%	27.9%	47.1%	41.4%	30.3%	31.6%	35.9%	26.2%	
AP Probability & Statistics	26.1%	21.4%	15.9%	22.0%	21.5%	15.4%	28.9%	21.3%	16.2%	
AP Calculus	37.6%	33.0%	23.0%	46.2%	35.2%	24.2%	31.2%	31.5%	22.0%	
AP Computer Science A	5.3%	4.0%	2.6%	8.7%	6.2%	3.9%	2.8%	2.3%	1.6%	
How many years did you study each of the following subjects in high school?										
Mathematics (3 or more)	99.7%	99.0%	97.6%	100.0%	98.7%	97.2%	99.6%	99.3%	97.9%	
Foreign Language (2 or more)	93.1%	93.9%	89.5%	94.6%	93.2%	88.2%	91.8%	94.2%	90.5%	
Physical Science (2 or more)	68.0%	59.9%	54.2%	67.2%	64.6%	57.4%	68.8%	56.2%	51.8%	
Biological Science (2 or more)	59.0%	51.9%	50.0%	61.2%	50.4%	47.5%	57.2%	52.8%	51.9%	
History/American Government (2 or more)	94.5%	94.1%	92.7%	93.3%	94.5%	92.9%	95.3%	93.6%	92.4%	



Academic Preparation - These items illustrate the academic skills and experiences students bring to college.

See also CIRP Construct: Habits of Mind, Academic Self-Concept.

See also CIRP Theme: Active and Collaborative Learning, Written and Oral Communication.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Computer Science (1 or more)	28.9%	28.3%	33.6%	34.5%	34.7%	38.6%	24.5%	23.6%	29.7%	
Arts and/or Music (1 or more)	87.6%	87.1%	81.6%	79.7%	82.9%	75.3%	93.7%	90.3%	86.5%	
How often in the past year did you?										
Ask questions in class										Habits of Mind
Frequently	51.3%	52.1%	47.5%	52.0%	49.7%	45.7%	50.8%	53.8%	49.0%	
Mean	2.49	2.48	2.43	2.51	2.46	2.41	2.48	2.50	2.45	
Standard deviation	0.55	0.57	0.58	0.53	0.56	0.57	0.56	0.57	0.58	
Significance	-			-		*	-			
Effect size	-	0.02	0.10	-	0.09	0.18	-	-0.04	0.05	
Support your opinions with a logical argument										Habits of Mind
Frequently	65.9%	63.8%	54.6%	69.6%	67.2%	56.4%	63.1%	61.4%	53.1%	
Mean	2.65	2.62	2.51	2.69	2.66	2.53	2.62	2.59	2.49	
Standard deviation	0.50	0.52	0.57	0.48	0.51	0.56	0.51	0.53	0.58	
Significance	-		***	-		***	-		**	
Effect size	-	0.06	0.25	-	0.06	0.29	-	0.06	0.22	
Seek solutions to problems and explain them to others										Habits of Mind
Frequently	54.6%	57.0%	50.2%	57.8%	56.6%	48.2%	52.1%	57.3%	51.8%	
Mean	2.52	2.55	2.47	2.54	2.55	2.44	2.50	2.55	2.48	
Standard deviation	0.55	0.54	0.57	0.56	0.54	0.57	0.54	0.54	0.57	
Significance	-			-		*	-			
Effect size	-	-0.06	0.09	-	-0.02	0.18	-	-0.09	0.04	
Evaluate the quality or reliability of information you received										Habits of Mind
Frequently	48.5%	49.3%	43.2%	48.3%	50.5%	42.9%	48.7%	48.5%	43.4%	
Mean	2.45	2.46	2.39	2.44	2.48	2.39	2.45	2.45	2.39	
Standard deviation	0.57	0.56	0.57	0.57	0.55	0.57	0.57	0.56	0.57	
Significance	-			-			-			
Effect size	-	-0.02	0.11	-	-0.07	0.09	-	0.00	0.11	
Take a risk because you feel you have more to gain										Habits of Mind
Frequently	31.1%	36.2%	35.0%	38.3%	39.7%	38.7%	25.6%	33.6%	32.0%	
Mean	2.19	2.29	2.26	2.33	2.34	2.32	2.09	2.25	2.22	
Standard deviation	0.62	0.59	0.61	0.57	0.58	0.59	0.64	0.60	0.61	
Significance	-	**	*	-			-	***	**	
Effect size	-	-0.17	-0.11	-	-0.02	0.02	-	-0.27	-0.21	



Academic Preparation - These items illustrate the academic skills and experiences students bring to college.

See also CIRP Construct: Habits of Mind, Academic Self-Concept.

See also CIRP Theme: Active and Collaborative Learning, Written and Oral Communication.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Seek alternative solutions to a problem										
Frequently	42.3%	46.5%	43.1%	39.9%	47.0%	42.4%	44.1%	46.2%	43.7%	Habits of Mind
Mean	2.40	2.44	2.40	2.39	2.45	2.39	2.40	2.44	2.40	
Standard deviation	0.54	0.54	0.55	0.50	0.54	0.56	0.57	0.54	0.55	
Significance	-			-			-			
Effect size	-	-0.07	0.00	-	-0.11	0.00	-	-0.07	0.00	
How often in the past year did you?										
Look up scientific research articles and resources										
Frequently	24.9%	24.6%	22.0%	24.5%	26.7%	22.8%	25.3%	23.1%	21.4%	Habits of Mind
Mean	2.06	2.01	1.96	2.07	2.06	1.99	2.05	1.98	1.93	
Standard deviation	0.66	0.69	0.69	0.64	0.68	0.69	0.68	0.70	0.70	
Significance	-		**	-			-		*	
Effect size	-	0.07	0.14	-	0.01	0.12	-	0.10	0.17	
Explore topics on your own, even though it was not required for a class										
Frequently	38.7%	39.6%	34.3%	38.9%	42.5%	35.2%	38.5%	37.4%	33.5%	Habits of Mind
Mean	2.27	2.27	2.18	2.28	2.31	2.20	2.27	2.24	2.17	
Standard deviation	0.65	0.67	0.69	0.65	0.66	0.69	0.66	0.67	0.69	
Significance	-		*	-			-		*	
Effect size	-	0.00	0.13	-	-0.05	0.12	-	0.04	0.14	
Accept mistakes as part of the learning process										
Frequently	52.8%	54.0%	52.9%	55.7%	56.4%	53.9%	50.5%	52.3%	52.1%	Habits of Mind
Mean	2.49	2.52	2.50	2.53	2.54	2.51	2.45	2.50	2.49	
Standard deviation	0.58	0.55	0.55	0.55	0.55	0.55	0.59	0.54	0.55	
Significance	-			-			-			
Effect size	-	-0.05	-0.02	-	-0.02	0.04	-	-0.09	-0.07	
Analyze multiple sources of information before coming to a conclusion										
Frequently	46.6%	45.6%	40.8%	50.0%	45.8%	40.2%	44.1%	45.3%	41.3%	Habits of Mind
Mean	2.43	2.42	2.36	2.49	2.43	2.35	2.39	2.41	2.36	
Standard deviation	0.56	0.56	0.57	0.53	0.56	0.57	0.58	0.57	0.58	
Significance	-		*	-		**	-			
Effect size	-	0.02	0.12	-	0.11	0.25	-	-0.04	0.05	



Academic Preparation - These items illustrate the academic skills and experiences students bring to college.

See also CIRP Construct: Habits of Mind, Academic Self-Concept.

See also CIRP Theme: Active and Collaborative Learning, Written and Oral Communication.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Take on a challenge that scares you										
Frequently	32.9%	37.3%	35.3%	36.2%	37.2%	36.3%	30.4%	37.4%	34.4%	Habits of Mind
Mean	2.23	2.32	2.28	2.31	2.32	2.30	2.17	2.32	2.27	
Standard deviation	0.61	0.57	0.58	0.57	0.57	0.58	0.64	0.57	0.59	
Significance	-	**		-			-	***	*	
Effect size	-	-0.16	-0.09	-	-0.02	0.02	-	-0.26	-0.17	
Rate yourself on each of the following traits as compared with the average person your age.										
Academic ability										Academic Self-Concept
Highest 10% / Above Average	81.9%	75.0%	65.4%	88.6%	76.4%	66.3%	76.8%	73.9%	64.6%	
Mean	4.02	3.93	3.79	4.12	3.96	3.81	3.94	3.91	3.78	
Standard deviation	0.66	0.70	0.72	0.60	0.71	0.72	0.69	0.69	0.72	
Significance	-	*	***	-	**	***	-		**	
Effect size	-	0.13	0.32	-	0.23	0.43	-	0.04	0.22	
Mathematical ability										Academic Self-Concept
Highest 10% / Above Average	41.3%	42.5%	39.3%	56.3%	50.6%	45.6%	29.8%	36.7%	34.3%	
Mean	3.31	3.29	3.23	3.63	3.45	3.38	3.07	3.17	3.11	
Standard deviation	0.98	0.99	1.00	0.96	1.00	0.99	0.93	0.97	0.99	
Significance	-			-	*	**	-			
Effect size	-	0.02	0.08	-	0.18	0.25	-	-0.10	-0.04	
Self-confidence (intellectual)										Academic Self-Concept
Highest 10% / Above Average	67.3%	58.7%	56.6%	77.8%	69.3%	67.7%	59.2%	50.9%	47.8%	
Mean	3.76	3.66	3.65	3.98	3.87	3.86	3.58	3.51	3.48	
Standard deviation	0.93	0.91	0.93	0.86	0.88	0.88	0.95	0.90	0.93	
Significance	-	*	*	-			-			
Effect size	-	0.11	0.12	-	0.13	0.14	-	0.08	0.11	
During your last year in high school, how much time did you spend during a typical week doing the following activities?										
Studying/homework										
11 or more hours	19.5%	23.6%	18.9%	17.5%	17.2%	13.9%	21.0%	28.2%	22.8%	
Mean	4.44	4.54	4.27	4.23	4.23	3.98	4.60	4.77	4.50	
Standard deviation	1.46	1.52	1.52	1.52	1.52	1.49	1.39	1.49	1.51	
Significance	-		*	-		*	-			

Note: Significance * p<.05, ** p<.01, *** p<.001



Academic Preparation - These items illustrate the academic skills and experiences students bring to college.

See also CIRP Construct: Habits of Mind, Academic Self-Concept.

See also CIRP Theme: Active and Collaborative Learning, Written and Oral Communication.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Effect size	-	-0.07	0.11	-	0.00	0.17	-	-0.11	0.07	



2016 CIRP Freshman Survey
First-time, Full-time Freshmen
Interaction with Teachers
CIRP Theme

Interaction with Teachers - These items relate to the amount of time and types of interactions students have with their high school teachers.
See also CIRP Construct: Habits of Mind.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
For the activities below, indicate which ones you did during the past year.										
Asked a teacher for advice after class										
Frequently	30.9%	33.3%	31.2%	31.1%	29.8%	28.6%	30.8%	35.9%	33.3%	
Mean	2.16	2.22	2.18	2.17	2.18	2.15	2.15	2.25	2.21	
Standard deviation	0.66	0.63	0.64	0.65	0.62	0.64	0.66	0.64	0.65	
Significance	-			-			-	*		
Effect size	-	-0.10	-0.03	-	-0.02	0.03	-	-0.16	-0.09	
Ask questions in class										
Frequently	51.3%	52.1%	47.5%	52.0%	49.7%	45.7%	50.8%	53.8%	49.0%	Habits of Mind
Mean	2.49	2.48	2.43	2.51	2.46	2.41	2.48	2.50	2.45	
Standard deviation	0.55	0.57	0.58	0.53	0.56	0.57	0.56	0.57	0.58	
Significance	-			-		*	-			
Effect size	-	0.02	0.10	-	0.09	0.18	-	-0.04	0.05	
How important was each reason in your decision to come here?										
My teacher advised me										
Very Important	5.8%	5.8%	7.4%	2.0%	5.8%	7.7%	8.7%	5.9%	7.1%	
Mean	1.33	1.37	1.42	1.31	1.40	1.45	1.34	1.35	1.39	
Standard deviation	0.58	0.59	0.63	0.51	0.60	0.63	0.63	0.59	0.62	
Significance	-		**	-		**	-			
Effect size	-	-0.07	-0.14	-	-0.15	-0.22	-	-0.02	-0.08	



2016 CIRP Freshman Survey
First-time, Full-time Freshmen
Science Identity and Self-Efficacy
CIRP Theme

Science Identity and Self-Efficacy - These items illustrate the extent to which students identify with the community of scientists and feel confident in their science-related skills. See also CIRP Theme: Academic Enhancement Experiences, Academic Preparation.

Southwestern University

	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
To what extent are the follow statements true of you:									
I have a strong sense of belonging to a community of scientists									
Strongly Agree / Agree Somewhat	18.4%	20.0%	20.3%	20.8%	20.8%	20.6%	16.5%	19.4%	20.1%
Mean	2.50	2.40	2.46	2.55	2.52	2.54	2.46	2.32	2.39
Standard deviation	1.14	1.26	1.25	1.09	1.22	1.22	1.18	1.27	1.27
Significance	-			-			-		
Effect size	-	0.08	0.03	-	0.02	0.01	-	0.11	0.06
I derive great personal satisfaction from working on a team that is doing important research									
Strongly Agree / Agree Somewhat	46.0%	41.6%	40.4%	49.6%	43.9%	41.7%	43.1%	40.0%	39.4%
Mean	3.33	3.12	3.14	3.41	3.21	3.21	3.27	3.06	3.08
Standard deviation	1.10	1.24	1.20	0.97	1.19	1.16	1.18	1.27	1.23
Significance	-	**	**	-	*	*	-	*	*
Effect size	-	0.17	0.16	-	0.17	0.17	-	0.17	0.15
I think of myself as a scientist									
Strongly Agree / Agree Somewhat	15.4%	15.1%	13.8%	17.4%	16.0%	14.7%	13.8%	14.4%	13.0%
Mean	2.26	2.15	2.14	2.42	2.29	2.26	2.13	2.05	2.06
Standard deviation	1.17	1.21	1.19	1.08	1.20	1.19	1.22	1.21	1.18
Significance	-			-			-		
Effect size	-	0.09	0.10	-	0.11	0.13	-	0.07	0.06
I feel like I belong in the field of science									
Strongly Agree / Agree Somewhat	28.5%	26.7%	25.9%	28.9%	25.8%	23.0%	28.2%	27.4%	28.1%
Mean	2.64	2.43	2.45	2.66	2.47	2.43	2.62	2.40	2.47
Standard deviation	1.37	1.44	1.41	1.31	1.38	1.34	1.43	1.48	1.47
Significance	-	**	*	-		*	-	*	
Effect size	-	0.15	0.13	-	0.14	0.17	-	0.15	0.10
How confident are you that you can:									
Use technical science skills (use of tools, instruments, and/or techniques)									
Absolutely / Very	43.0%	45.2%	43.4%	51.0%	55.1%	51.4%	36.9%	37.9%	37.0%



2016 CIRP Freshman Survey
First-time, Full-time Freshmen
Science Identity and Self-Efficacy
CIRP Theme

Science Identity and Self-Efficacy - These items illustrate the extent to which students identify with the community of scientists and feel confident in their science-related skills.
See also CIRP Theme: Academic Enhancement Experiences, Academic Preparation.

Southwestern University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Mean	3.41	3.42	3.38	3.60	3.65	3.58	3.27	3.25	3.23
Standard deviation	0.97	1.03	1.05	0.94	1.00	1.02	0.97	1.03	1.04
Significance	-	-	-	-	-	-	-	-	-
Effect size	-	-0.01	0.03	-	-0.05	0.02	-	0.02	0.04
Generate a research question									
Absolutely / Very	34.6%	41.2%	37.9%	34.2%	44.1%	39.4%	34.9%	39.0%	36.8%
Mean	3.22	3.33	3.27	3.27	3.40	3.33	3.18	3.28	3.22
Standard deviation	0.94	0.95	0.97	0.81	0.93	0.94	1.02	0.97	0.99
Significance	-	*	-	-	-	-	-	-	-
Effect size	-	-0.12	-0.05	-	-0.14	-0.06	-	-0.10	-0.04
Determine how to collect appropriate data									
Absolutely / Very	42.8%	46.7%	44.1%	47.7%	50.9%	45.9%	39.0%	43.6%	42.6%
Mean	3.35	3.43	3.39	3.46	3.53	3.44	3.28	3.36	3.34
Standard deviation	0.90	0.91	0.93	0.85	0.88	0.90	0.94	0.93	0.95
Significance	-	-	-	-	-	-	-	-	-
Effect size	-	-0.09	-0.04	-	-0.08	0.02	-	-0.09	-0.06
Explain the results of a study									
Absolutely / Very	55.3%	55.7%	50.2%	59.1%	59.6%	51.9%	52.3%	52.7%	48.9%
Mean	3.60	3.61	3.51	3.65	3.68	3.55	3.55	3.55	3.47
Standard deviation	0.92	0.93	0.96	0.87	0.90	0.94	0.96	0.95	0.98
Significance	-	-	-	-	-	-	-	-	-
Effect size	-	-0.01	0.09	-	-0.03	0.11	-	0.00	0.08
Use scientific literature to guide research									
Absolutely / Very	33.2%	34.5%	31.5%	32.2%	36.0%	32.3%	33.8%	33.5%	30.7%
Mean	3.13	3.14	3.07	3.11	3.21	3.13	3.13	3.09	3.03
Standard deviation	1.01	1.03	1.03	0.88	0.98	0.99	1.10	1.06	1.06
Significance	-	-	-	-	-	-	-	-	-
Effect size	-	-0.01	0.06	-	-0.10	-0.02	-	0.04	0.09
How confident are you that you can:									
Integrate results from multiple studies									
Absolutely / Very	43.6%	47.0%	41.2%	43.6%	48.3%	41.3%	43.6%	45.9%	41.2%
Mean	3.36	3.43	3.31	3.38	3.47	3.33	3.34	3.40	3.29



2016 CIRP Freshman Survey
First-time, Full-time Freshmen
Science Identity and Self-Efficacy
CIRP Theme

Science Identity and Self-Efficacy - These items illustrate the extent to which students identify with the community of scientists and feel confident in their science-related skills.
See also CIRP Theme: Academic Enhancement Experiences, Academic Preparation.

Southwestern University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Standard deviation	0.95	0.98	1.00	0.87	0.93	0.97	1.02	1.01	1.03
Significance	-			-			-		
Effect size	-	-0.07	0.05	-	-0.10	0.05	-	-0.06	0.05
Ask relevant questions									
Absolutely / Very	75.3%	74.2%	69.1%	77.1%	73.9%	67.3%	74.0%	74.4%	70.6%
Mean	3.99	4.02	3.91	3.99	4.00	3.87	3.98	4.03	3.94
Standard deviation	0.85	0.85	0.90	0.76	0.83	0.90	0.92	0.86	0.89
Significance	-			-			-		
Effect size	-	-0.04	0.09	-	-0.01	0.13	-	-0.06	0.04
Identify what is known and not known about a problem									
Absolutely / Very	60.8%	63.8%	58.8%	64.5%	64.5%	58.8%	58.0%	63.2%	58.9%
Mean	3.75	3.81	3.72	3.77	3.83	3.72	3.73	3.80	3.71
Standard deviation	0.91	0.89	0.92	0.77	0.86	0.90	1.01	0.92	0.94
Significance	-			-			-		
Effect size	-	-0.07	0.03	-	-0.07	0.06	-	-0.08	0.02
See connections between different areas of science and mathematics									
Absolutely / Very	49.2%	48.1%	44.2%	56.8%	55.2%	48.4%	43.6%	43.0%	40.9%
Mean	3.48	3.43	3.34	3.66	3.62	3.47	3.34	3.29	3.25
Standard deviation	1.05	1.07	1.09	0.92	1.02	1.04	1.12	1.10	1.11
Significance	-		*	-		*	-		
Effect size	-	0.05	0.13	-	0.04	0.18	-	0.05	0.08
Understand scientific concepts									
Absolutely / Very	47.9%	48.0%	43.3%	55.4%	54.0%	46.9%	42.3%	43.6%	40.5%
Mean	3.47	3.46	3.36	3.66	3.60	3.46	3.33	3.36	3.29
Standard deviation	0.95	1.00	1.01	0.86	0.97	1.00	0.98	1.01	1.02
Significance	-		*	-		*	-		
Effect size	-	0.01	0.11	-	0.06	0.20	-	-0.03	0.04
Will you pursue a science-related career?									
Definitely year / Probably yes	31.0%	25.5%	27.5%	29.0%	23.7%	24.6%	32.5%	26.8%	29.7%
Mean	2.81	2.51	2.60	2.84	2.51	2.57	2.78	2.51	2.63
Standard deviation	1.27	1.33	1.33	1.22	1.28	1.26	1.32	1.37	1.38
Significance	-	***	**	-	**	**	-	**	



COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
at the HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

2016 CIRP Freshman Survey
First-time, Full-time Freshmen
Science Identity and Self-Efficacy
CIRP Theme

Science Identity and Self-Efficacy - These items illustrate the extent to which students identify with the community of scientists and feel confident in their science-related skills.
See also CIRP Theme: Academic Enhancement Experiences, Academic Preparation.

Southwestern University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Effect size	-	0.23	0.16	-	0.26	0.21	-	0.20	0.11



2016 CIRP Freshman Survey
First-time, Full-time Freshmen
Written and Oral Communication
CIRP Theme

Written and Oral Communication - These items illustrate students' written and oral communication skills and how these skills compare to their peers.
See also CIRP Construct: Habits of Mind, Social Self-Concept.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
SAT Critical Reading and Writing										
Mean	606	621	576	608	618	573	604	623	578	
Median	600	620	580	600	620	580	600	630	580	
Rate yourself on each of the following traits as compared with the average person your age.										
Public speaking ability										Social Self-Concept
Highest 10% / Above Average	42.8%	43.8%	38.2%	50.3%	49.5%	43.3%	36.9%	39.7%	34.1%	
Mean	3.26	3.30	3.18	3.52	3.45	3.31	3.05	3.20	3.07	
Standard deviation	1.10	1.10	1.12	1.06	1.09	1.10	1.08	1.10	1.12	
Significance	-			-		*	-			
Effect size	-	-0.04	0.07	-	0.06	0.19	-	-0.14	-0.02	
Writing ability										
Highest 10% / Above Average	47.1%	51.5%	44.9%	47.0%	47.3%	40.8%	47.2%	54.5%	48.3%	
Mean	3.41	3.52	3.41	3.36	3.41	3.32	3.45	3.60	3.49	
Standard deviation	0.93	0.93	0.94	0.94	0.97	0.96	0.91	0.89	0.91	
Significance	-	*		-			-	*		
Effect size	-	-0.12	0.00	-	-0.05	0.04	-	-0.17	-0.04	



Leadership

CIRP Theme

Leadership - These items address issues related to leadership, such as leadership opportunities, and how students compare to their peers on leadership-related skills and abilities. See also CIRP Construct: Academic Self-Concept, Social Self-Concept, Likelihood of College Involvement, Social Agency.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Rate yourself on each of the following traits as compared with the average person your age.										
Drive to achieve										
Highest 10% / Above Average	75.6%	76.6%	75.3%	81.0%	75.1%	75.0%	71.3%	77.8%	75.6%	Academic Self-Concept
Mean	4.03	4.07	4.07	4.14	4.03	4.06	3.94	4.10	4.07	
Standard deviation	0.87	0.83	0.83	0.86	0.86	0.85	0.87	0.80	0.81	
Significance	-			-			-	**	*	
Effect size	-	-0.05	-0.05	-	0.13	0.09	-	-0.20	-0.16	
Leadership ability										
Highest 10% / Above Average	67.5%	65.2%	63.6%	77.2%	70.2%	67.9%	60.0%	61.6%	60.1%	Social Self-Concept
Mean	3.83	3.81	3.79	4.05	3.91	3.89	3.66	3.74	3.72	
Standard deviation	0.93	0.90	0.93	0.80	0.89	0.92	0.99	0.91	0.93	
Significance	-			-		*	-			
Effect size	-	0.02	0.04	-	0.16	0.17	-	-0.09	-0.06	
Self-confidence (social)										
Highest 10% / Above Average	38.7%	45.0%	46.7%	48.3%	52.0%	54.6%	31.3%	39.9%	40.6%	Social Self-Concept
Mean	3.22	3.36	3.42	3.39	3.50	3.59	3.09	3.25	3.29	
Standard deviation	1.08	1.04	1.05	1.11	1.07	1.05	1.04	1.01	1.03	
Significance	-	*	***	-		*	-	*	**	
Effect size	-	-0.13	-0.19	-	-0.10	-0.19	-	-0.16	-0.19	
Please indicate the importance to you personally of each of the following:										
Becoming an authority in my field										
Essential / Very Important	58.6%	57.5%	56.2%	65.8%	60.4%	58.7%	53.1%	55.5%	54.3%	
Mean	2.71	2.69	2.66	2.87	2.74	2.70	2.60	2.65	2.63	
Standard deviation	0.93	0.91	0.93	0.91	0.92	0.92	0.93	0.90	0.93	
Significance	-			-		*	-			
Effect size	-	0.02	0.05	-	0.14	0.18	-	-0.06	-0.03	
Becoming a community leader										
Essential / Very Important	39.4%	44.1%	42.7%	43.0%	44.4%	43.7%	36.6%	43.8%	41.9%	Social Agency
Mean	2.34	2.42	2.38	2.46	2.43	2.41	2.26	2.41	2.36	
Standard deviation	0.95	0.96	0.97	0.93	0.96	0.96	0.95	0.97	0.98	
Significance	-			-			-	*		
Effect size	-	-0.08	-0.04	-	0.03	0.05	-	-0.15	-0.10	



Leadership

CIRP Theme

Leadership - These items address issues related to leadership, such as leadership opportunities, and how students compare to their peers on leadership-related skills and abilities. See also CIRP Construct: Academic Self-Concept, Social Self-Concept, Likelihood of College Involvement, Social Agency.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
What is your best guess as to the chances that you will:										
Participate in student government										Likelihood of College Involvement
Very Good Chance / Some Chance	34.9%	33.3%	31.3%	37.6%	32.3%	30.0%	33.0%	34.1%	32.3%	
Mean	2.19	2.13	2.08	2.29	2.13	2.07	2.12	2.13	2.09	
Standard deviation	0.91	0.89	0.90	0.87	0.86	0.87	0.94	0.90	0.92	
Significance	-		*	-	*	**	-			
Effect size	-	0.07	0.12	-	0.19	0.25	-	-0.01	0.03	



Civic Engagement: Participation, Awareness, and Values

CIRP Theme

Civic Engagement: Participation, Awareness, and Values - These items relate to the levels of engagement and satisfaction with community and volunteer work in high school, as well as items that reflect future orientation towards volunteer and community service.

See also CIRP Construct: Civic Engagement, Likelihood of College Involvement, Pluralistic Orientation, Social Agency.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
For the activities below, indicate which ones you did during the past year.										
Demonstrated for a cause (e.g., boycott, rally, protest)										Civic Engagement
Frequently / Occasionally	20.9%	21.4%	18.6%	18.1%	20.1%	17.4%	23.1%	22.2%	19.5%	
Mean	1.24	1.25	1.22	1.21	1.23	1.20	1.26	1.26	1.23	
Standard deviation	0.49	0.50	0.48	0.47	0.49	0.46	0.51	0.51	0.49	
Significance	-			-			-			
Effect size	-	-0.02	0.04	-	-0.04	0.02	-	0.00	0.06	
Performed volunteer work										Civic Engagement
Frequently / Occasionally	88.9%	91.0%	87.7%	86.6%	88.2%	84.5%	90.7%	93.0%	90.3%	
Mean	2.22	2.27	2.20	2.13	2.15	2.10	2.29	2.35	2.28	
Standard deviation	0.63	0.61	0.64	0.62	0.61	0.63	0.63	0.61	0.63	
Significance	-			-			-			
Effect size	-	-0.08	0.03	-	-0.03	0.05	-	-0.10	0.02	
Voted in a student election										
Frequently	16.9%	19.6%	18.0%	17.6%	18.7%	17.2%	16.4%	20.3%	18.7%	
Mean	1.75	1.82	1.77	1.77	1.79	1.74	1.73	1.84	1.80	
Standard deviation	0.73	0.74	0.73	0.73	0.73	0.73	0.73	0.74	0.73	
Significance	-			-			-	*		
Effect size	-	-0.09	-0.03	-	-0.03	0.04	-	-0.15	-0.10	
Discussed politics										
Frequently	41.9%	40.9%	33.2%	39.6%	43.0%	34.6%	43.6%	39.4%	32.2%	
Mean	2.33	2.30	2.17	2.31	2.33	2.18	2.34	2.28	2.16	
Standard deviation	0.64	0.65	0.69	0.62	0.65	0.69	0.65	0.65	0.68	
Significance	-		***	-		*	-		***	
Effect size	-	0.05	0.23	-	-0.03	0.19	-	0.09	0.26	
Publicly communicated my opinion about a cause (e.g., blog, email, petition)										Civic Engagement
Frequently / Occasionally	49.9%	51.9%	49.8%	45.3%	49.4%	47.0%	53.3%	53.7%	52.1%	
Mean	1.68	1.71	1.67	1.60	1.67	1.63	1.74	1.73	1.70	
Standard deviation	0.77	0.76	0.75	0.74	0.76	0.74	0.78	0.77	0.75	
Significance	-			-			-			
Effect size	-	-0.04	0.01	-	-0.09	-0.04	-	0.01	0.05	



Civic Engagement: Participation, Awareness, and Values

CIRP Theme

Civic Engagement: Participation, Awareness, and Values - These items relate to the levels of engagement and satisfaction with community and volunteer work in high school, as well as items that reflect future orientation towards volunteer and community service.

See also CIRP Construct: Civic Engagement, Likelihood of College Involvement, Pluralistic Orientation, Social Agency.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Helped raise money for a cause or campaign										
Frequently / Occasionally	46.6%	55.8%	55.8%	40.5%	49.2%	50.2%	51.3%	60.6%	60.2%	Civic Engagement
Mean	1.56	1.69	1.69	1.48	1.60	1.61	1.62	1.76	1.75	
Standard deviation	0.65	0.69	0.69	0.63	0.67	0.67	0.67	0.70	0.69	
Significance	-	***	***	-	*	*	-	**	**	
Effect size	-	-0.19	-0.19	-	-0.18	-0.19	-	-0.20	-0.19	
How would you rate yourself in the following areas:										
Ability to see the world from someone else's perspective										
A Major Strength / Somewhat Strong	78.1%	78.7%	72.8%	78.9%	76.7%	70.1%	77.5%	80.2%	74.8%	Pluralistic Orientation
Mean	4.12	4.10	3.99	4.08	4.06	3.94	4.14	4.13	4.03	
Standard deviation	0.81	0.78	0.82	0.82	0.80	0.85	0.80	0.76	0.80	
Significance	-		**	-		*	-			
Effect size	-	0.03	0.16	-	0.03	0.16	-	0.01	0.14	
Tolerance of others with different beliefs										
A Major Strength / Somewhat Strong	84.8%	79.8%	74.1%	79.8%	78.2%	71.9%	88.7%	81.1%	76.0%	Pluralistic Orientation
Mean	4.31	4.20	4.08	4.22	4.16	4.03	4.38	4.22	4.12	
Standard deviation	0.78	0.84	0.88	0.85	0.87	0.91	0.73	0.82	0.86	
Significance	-	*	***	-		*	-	**	***	
Effect size	-	0.13	0.26	-	0.07	0.21	-	0.20	0.30	
Openness to having my own views challenged										
A Major Strength / Somewhat Strong	65.6%	62.9%	59.7%	66.3%	66.1%	61.9%	65.1%	60.7%	58.0%	Pluralistic Orientation
Mean	3.83	3.80	3.75	3.86	3.88	3.81	3.81	3.74	3.70	
Standard deviation	0.91	0.94	0.97	0.89	0.93	0.96	0.93	0.94	0.97	
Significance	-			-			-			
Effect size	-	0.03	0.08	-	-0.02	0.05	-	0.07	0.11	
Ability to discuss and negotiate controversial issues										
A Major Strength / Somewhat Strong	75.9%	69.2%	65.4%	79.2%	74.1%	69.4%	73.3%	65.5%	62.1%	Pluralistic Orientation
Mean	4.04	3.95	3.87	4.09	4.07	3.98	4.01	3.86	3.79	
Standard deviation	0.91	0.94	0.97	0.85	0.88	0.93	0.96	0.97	0.98	
Significance	-		**	-			-	*	**	
Effect size	-	0.10	0.18	-	0.02	0.12	-	0.15	0.22	
Ability to work cooperatively with diverse people										
A Major Strength / Somewhat Strong	87.4%	87.0%	83.1%	87.2%	85.3%	80.8%	87.6%	88.2%	85.0%	Pluralistic
Mean	4.42	4.38	4.30	4.40	4.33	4.24	4.44	4.42	4.35	

Note: Significance * p<.05, ** p<.01, *** p<.001



Civic Engagement: Participation, Awareness, and Values

CIRP Theme

Civic Engagement: Participation, Awareness, and Values - These items relate to the levels of engagement and satisfaction with community and volunteer work in high school, as well as items that reflect future orientation towards volunteer and community service.

See also CIRP Construct: Civic Engagement, Likelihood of College Involvement, Pluralistic Orientation, Social Agency.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Standard deviation	0.75	0.75	0.80	0.74	0.77	0.83	0.75	0.73	0.77	Orientation
Significance	-		**	-		*	-			
Effect size	-	0.05	0.15	-	0.09	0.19	-	0.03	0.12	
Please indicate the importance to you personally of each of the following:										
Influencing social values										
Essential / Very Important	48.7%	50.7%	49.3%	51.0%	48.0%	48.0%	46.9%	52.7%	50.2%	Social Agency
Mean	2.48	2.53	2.52	2.52	2.47	2.49	2.45	2.58	2.54	Civic Engagement
Standard deviation	0.88	0.93	0.93	0.93	0.95	0.94	0.85	0.92	0.92	
Significance	-			-			-			
Effect size	-	-0.05	-0.04	-	0.05	0.03	-	-0.14	-0.10	
Helping others who are in difficulty										
Essential / Very Important	77.9%	79.2%	79.1%	72.4%	73.7%	74.0%	82.0%	83.1%	83.0%	Social Agency
Mean	3.10	3.16	3.16	3.00	3.02	3.06	3.17	3.25	3.25	
Standard deviation	0.80	0.80	0.81	0.85	0.84	0.84	0.75	0.77	0.78	
Significance	-			-			-			
Effect size	-	-0.08	-0.07	-	-0.02	-0.07	-	-0.10	-0.10	
Participating in a community action program										
Essential / Very Important	31.6%	35.5%	35.2%	30.2%	31.1%	32.8%	32.7%	38.6%	37.1%	Social Agency
Mean	2.15	2.25	2.25	2.11	2.16	2.19	2.18	2.32	2.29	
Standard deviation	0.87	0.91	0.92	0.89	0.89	0.91	0.86	0.92	0.93	
Significance	-	*	*	-			-	*		
Effect size	-	-0.11	-0.11	-	-0.06	-0.09	-	-0.15	-0.12	
Please indicate the importance to you personally of each of the following:										
Helping to promote racial understanding										
Essential / Very Important	46.8%	45.5%	44.5%	41.9%	43.0%	43.7%	50.6%	47.4%	45.2%	Social Agency
Mean	2.43	2.45	2.43	2.34	2.39	2.41	2.51	2.50	2.45	
Standard deviation	0.96	0.96	0.97	0.91	0.96	0.96	1.00	0.96	0.97	
Significance	-			-			-			
Effect size	-	-0.02	0.00	-	-0.05	-0.07	-	0.01	0.06	
Keeping up to date with political affairs										
Essential / Very Important	49.2%	44.4%	39.3%	50.4%	47.5%	42.1%	48.4%	42.1%	37.1%	Social Agency

Note: Significance * p<.05, ** p<.01, *** p<.001



Civic Engagement: Participation, Awareness, and Values

CIRP Theme

Civic Engagement: Participation, Awareness, and Values - These items relate to the levels of engagement and satisfaction with community and volunteer work in high school, as well as items that reflect future orientation towards volunteer and community service.

See also CIRP Construct: Civic Engagement, Likelihood of College Involvement, Pluralistic Orientation, Social Agency.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Mean	2.48	2.42	2.31	2.54	2.50	2.38	2.44	2.36	2.25	Civic Engagement
Standard deviation	0.95	0.98	0.98	0.98	0.97	0.97	0.92	0.98	0.98	
Significance	-		**	-		*	-		**	
Effect size	-	0.06	0.17	-	0.04	0.16	-	0.08	0.19	
Becoming a community leader										Social Agency
Essential / Very Important	39.4%	44.1%	42.7%	43.0%	44.4%	43.7%	36.6%	43.8%	41.9%	
Mean	2.34	2.42	2.38	2.46	2.43	2.41	2.26	2.41	2.36	
Standard deviation	0.95	0.96	0.97	0.93	0.96	0.96	0.95	0.97	0.98	
Significance	-			-			-	*		
Effect size	-	-0.08	-0.04	-	0.03	0.05	-	-0.15	-0.10	
What is your best guess as to the chances that you will:										Likelihood of College Involvement
Participate in student government										
Very Good Chance	9.0%	6.5%	6.7%	9.4%	5.9%	5.8%	8.8%	7.0%	7.5%	
Mean	2.19	2.13	2.08	2.29	2.13	2.07	2.12	2.13	2.09	
Standard deviation	0.91	0.89	0.90	0.87	0.86	0.87	0.94	0.90	0.92	
Significance	-		*	-	*	**	-			
Effect size	-	0.07	0.12	-	0.19	0.25	-	-0.01	0.03	
Participate in volunteer or community service work										Likelihood of College Involvement
Very Good Chance	32.6%	41.1%	37.7%	25.5%	27.3%	25.5%	37.9%	50.7%	47.1%	
Mean	3.07	3.18	3.11	2.95	2.92	2.88	3.16	3.36	3.28	
Standard deviation	0.81	0.83	0.86	0.80	0.87	0.88	0.81	0.76	0.81	
Significance	-	*		-			-	***	*	
Effect size	-	-0.13	-0.05	-	0.03	0.08	-	-0.26	-0.15	



Diversity - These items relate to social attitudes and experiences with diversity.

See also CIRP Construct: Civic Engagement, Likelihood of College Involvement, Pluralistic Orientation, Social Agency.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
For the activities below, indicate which ones you did during the past year.										
Socialized with someone of another racial/ethnic group										
Frequently	80.8%	76.2%	74.1%	75.8%	75.1%	73.1%	84.6%	77.0%	74.9%	
Mean	2.78	2.74	2.71	2.72	2.72	2.69	2.83	2.75	2.72	
Standard deviation	0.46	0.49	0.53	0.52	0.51	0.55	0.42	0.47	0.51	
Significance	-		*	-			-	*	**	
Effect size	-	0.08	0.13	-	0.00	0.05	-	0.17	0.22	
How would you rate yourself in the following areas:										
Ability to see the world from someone else's perspective										
A Major Strength / Somewhat Strong	78.1%	78.7%	72.8%	78.9%	76.7%	70.1%	77.5%	80.2%	74.8%	Pluralistic Orientation
Mean	4.12	4.10	3.99	4.08	4.06	3.94	4.14	4.13	4.03	
Standard deviation	0.81	0.78	0.82	0.82	0.80	0.85	0.80	0.76	0.80	
Significance	-		**	-		*	-			
Effect size	-	0.03	0.16	-	0.03	0.16	-	0.01	0.14	
Tolerance of others with different beliefs										
A Major Strength / Somewhat Strong	84.8%	79.8%	74.1%	79.8%	78.2%	71.9%	88.7%	81.1%	76.0%	Pluralistic Orientation
Mean	4.31	4.20	4.08	4.22	4.16	4.03	4.38	4.22	4.12	
Standard deviation	0.78	0.84	0.88	0.85	0.87	0.91	0.73	0.82	0.86	
Significance	-	*	***	-		*	-	**	***	
Effect size	-	0.13	0.26	-	0.07	0.21	-	0.20	0.30	
Openness to having my own views challenged										
A Major Strength / Somewhat Strong	65.6%	62.9%	59.7%	66.3%	66.1%	61.9%	65.1%	60.7%	58.0%	Pluralistic Orientation
Mean	3.83	3.80	3.75	3.86	3.88	3.81	3.81	3.74	3.70	
Standard deviation	0.91	0.94	0.97	0.89	0.93	0.96	0.93	0.94	0.97	
Significance	-			-			-			
Effect size	-	0.03	0.08	-	-0.02	0.05	-	0.07	0.11	
Ability to discuss and negotiate controversial issues										
A Major Strength / Somewhat Strong	75.9%	69.2%	65.4%	79.2%	74.1%	69.4%	73.3%	65.5%	62.1%	Pluralistic Orientation
Mean	4.04	3.95	3.87	4.09	4.07	3.98	4.01	3.86	3.79	
Standard deviation	0.91	0.94	0.97	0.85	0.88	0.93	0.96	0.97	0.98	
Significance	-		**	-			-	*	**	
Effect size	-	0.10	0.18	-	0.02	0.12	-	0.15	0.22	



Diversity - These items relate to social attitudes and experiences with diversity.

See also CIRP Construct: Civic Engagement, Likelihood of College Involvement, Pluralistic Orientation, Social Agency.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
How would you rate yourself in the following areas:										
Ability to work cooperatively with diverse people										Pluralistic Orientation
A Major Strength / Somewhat Strong	87.4%	87.0%	83.1%	87.2%	85.3%	80.8%	87.6%	88.2%	85.0%	
Mean	4.42	4.38	4.30	4.40	4.33	4.24	4.44	4.42	4.35	
Standard deviation	0.75	0.75	0.80	0.74	0.77	0.83	0.75	0.73	0.77	
Significance	-		**	-		*	-			
Effect size	-	0.05	0.15	-	0.09	0.19	-	0.03	0.12	
Please indicate the importance to you personally of each of the following:										
Influencing social values										Social Agency
Essential / Very Important	48.7%	50.7%	49.3%	51.0%	48.0%	48.0%	46.9%	52.7%	50.2%	
Mean	2.48	2.53	2.52	2.52	2.47	2.49	2.45	2.58	2.54	
Standard deviation	0.88	0.93	0.93	0.93	0.95	0.94	0.85	0.92	0.92	
Significance	-			-			-			
Effect size	-	-0.05	-0.04	-	0.05	0.03	-	-0.14	-0.10	
Helping to promote racial understanding										Social Agency
Essential / Very Important	46.8%	45.5%	44.5%	41.9%	43.0%	43.7%	50.6%	47.4%	45.2%	
Mean	2.43	2.45	2.43	2.34	2.39	2.41	2.51	2.50	2.45	
Standard deviation	0.96	0.96	0.97	0.91	0.96	0.96	1.00	0.96	0.97	
Significance	-			-			-			
Effect size	-	-0.02	0.00	-	-0.05	-0.07	-	0.01	0.06	
Improving my understanding of other countries and cultures										
Essential / Very Important	65.2%	62.3%	56.6%	62.2%	54.5%	50.6%	67.6%	67.8%	61.3%	
Mean	2.82	2.82	2.70	2.74	2.64	2.57	2.88	2.94	2.80	
Standard deviation	0.91	0.93	0.95	0.88	0.94	0.95	0.92	0.90	0.95	
Significance	-		*	-		*	-			
Effect size	-	0.00	0.13	-	0.11	0.18	-	-0.07	0.08	



Health and Wellness - These items gauge student behaviors, attitudes, and experiences related to health and wellness issues.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
For the activities below, indicate which ones you did during the past year.										
Consumed beer										
Frequently / Occasionally	33.2%	29.9%	21.9%	39.6%	37.0%	27.6%	28.2%	24.7%	17.5%	
Mean	1.37	1.35	1.25	1.47	1.45	1.33	1.30	1.28	1.19	
Standard deviation	0.56	0.58	0.51	0.63	0.64	0.57	0.49	0.51	0.44	
Significance	-		***	-		**	-		***	
Effect size	-	0.03	0.24	-	0.03	0.25	-	0.04	0.25	
Consumed wine or liquor										
Frequently / Occasionally	39.0%	35.4%	27.1%	38.2%	37.7%	28.6%	39.5%	33.8%	25.8%	
Mean	1.43	1.41	1.31	1.45	1.45	1.34	1.42	1.38	1.29	
Standard deviation	0.58	0.59	0.54	0.62	0.63	0.57	0.54	0.56	0.51	
Significance	-		***	-		*	-		***	
Effect size	-	0.03	0.22	-	0.00	0.19	-	0.07	0.25	
Felt overwhelmed by all I had to do										
Frequently	43.1%	44.4%	42.4%	26.8%	28.9%	27.1%	55.7%	55.8%	54.6%	
Mean	2.38	2.39	2.35	2.17	2.19	2.14	2.55	2.54	2.52	
Standard deviation	0.58	0.59	0.61	0.58	0.59	0.62	0.52	0.53	0.55	
Significance	-			-			-			
Effect size	-	-0.02	0.05	-	-0.03	0.05	-	0.02	0.05	
Felt depressed										
Frequently	13.1%	11.9%	11.7%	6.7%	9.1%	8.2%	17.9%	13.9%	14.4%	
Mean	1.65	1.65	1.63	1.48	1.56	1.52	1.78	1.71	1.71	
Standard deviation	0.70	0.68	0.68	0.62	0.65	0.64	0.73	0.70	0.70	
Significance	-			-			-			
Effect size	-	0.00	0.03	-	-0.12	-0.06	-	0.10	0.10	
Felt anxious										
Frequently	42.6%	39.2%	35.6%	27.7%	26.7%	24.1%	53.8%	48.4%	44.8%	
Mean	2.31	2.27	2.20	2.09	2.08	2.01	2.49	2.41	2.35	
Standard deviation	0.66	0.66	0.69	0.68	0.67	0.69	0.60	0.63	0.65	
Significance	-		**	-			-		**	
Effect size	-	0.06	0.16	-	0.01	0.12	-	0.13	0.22	



Health and Wellness - These items gauge student behaviors, attitudes, and experiences related to health and wellness issues.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Rate yourself on each of the following traits as compared with the average person your age.										
Emotional health										
Highest 10% / Above Average	43.5%	47.1%	47.2%	59.4%	56.1%	55.4%	31.3%	40.5%	40.7%	
Mean	3.36	3.45	3.47	3.69	3.65	3.65	3.11	3.31	3.32	
Standard deviation	1.07	0.99	0.99	1.02	0.99	0.99	1.05	0.97	0.97	
Significance	-		*	-			-	**	**	
Effect size	-	-0.09	-0.11	-	0.04	0.04	-	-0.21	-0.22	
Physical health										
Highest 10% / Above Average	54.7%	52.6%	54.2%	75.9%	64.1%	67.0%	38.5%	44.4%	44.2%	
Mean	3.63	3.59	3.64	4.07	3.82	3.90	3.29	3.43	3.44	
Standard deviation	1.02	0.91	0.93	0.92	0.93	0.92	0.97	0.87	0.89	
Significance	-			-	**	*	-	*	*	
Effect size	-	0.04	-0.01	-	0.27	0.18	-	-0.16	-0.17	
During your last year in high school, how much time did you spend during a typical week doing the following activities?										
Exercise or sports										
11 or more hours	39.4%	32.9%	35.7%	56.1%	41.2%	46.0%	26.8%	26.9%	27.7%	
Mean	4.68	4.56	4.67	5.40	4.96	5.19	4.12	4.27	4.26	
Standard deviation	2.28	2.01	2.10	2.15	2.02	2.08	2.22	1.96	2.02	
Significance	-			-	*		-			
Effect size	-	0.06	0.00	-	0.22	0.10	-	-0.08	-0.07	
Partying										
11 or more hours	1.8%	2.7%	3.2%	2.8%	3.7%	4.4%	1.0%	1.9%	2.2%	
Mean	2.07	2.16	2.15	2.35	2.39	2.41	1.85	1.99	1.95	
Standard deviation	1.31	1.45	1.50	1.44	1.56	1.61	1.15	1.34	1.37	
Significance	-			-			-			
Effect size	-	-0.06	-0.05	-	-0.03	-0.04	-	-0.10	-0.07	
What is your best guess as to the chances that you will:										
Seek personal counseling										
Very Good Chance	14.2%	13.0%	13.1%	9.4%	9.5%	9.5%	17.9%	15.4%	15.8%	
Mean	2.46	2.43	2.41	2.35	2.32	2.32	2.55	2.50	2.47	
Standard deviation	0.89	0.90	0.92	0.85	0.88	0.88	0.91	0.92	0.94	
Significance	-			-			-			



Health and Wellness - These items gauge student behaviors, attitudes, and experiences related to health and wellness issues.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Effect size	-	0.03	0.05	-	0.03	0.03	-	0.05	0.09	



Spirituality/Religiosity - These items relate to religious and spiritual practices and beliefs.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Your probable major										
Theology/Religion	0.3%	1.1%	1.3%	0.0%	1.4%	1.9%	0.5%	0.9%	0.8%	
Career / Occupation										
Clergy	0.6%	1.0%	1.7%	0.0%	1.2%	2.3%	1.1%	0.9%	1.3%	
Your current religious preference										
Agnostic	15.3%	8.5%	5.2%	12.2%	9.4%	5.7%	17.7%	7.8%	4.7%	
Atheist	7.1%	4.6%	2.7%	8.2%	5.6%	3.1%	6.3%	3.9%	2.5%	
Baptist	10.6%	10.8%	18.5%	12.9%	10.8%	18.8%	8.9%	10.8%	18.3%	
Buddhist	0.6%	0.5%	0.5%	0.0%	0.3%	0.3%	1.0%	0.7%	0.6%	
Church of Christ	4.4%	4.7%	7.8%	6.1%	5.5%	9.4%	3.1%	4.2%	6.4%	
Eastern Orthodox	0.3%	0.4%	0.4%	0.7%	0.4%	0.4%	0.0%	0.4%	0.4%	
Episcopalian	1.2%	1.1%	0.7%	2.0%	1.1%	0.8%	0.5%	1.1%	0.7%	
Hindu	0.0%	0.5%	0.3%	0.0%	0.5%	0.2%	0.0%	0.5%	0.3%	
Jewish	0.9%	2.4%	1.1%	0.7%	2.8%	1.2%	1.0%	2.2%	1.0%	
LDS (Mormon)	0.3%	0.2%	0.2%	0.7%	0.2%	0.2%	0.0%	0.2%	0.2%	
Lutheran	2.4%	5.3%	3.8%	2.0%	5.4%	3.7%	2.6%	5.3%	3.8%	
Methodist	7.1%	5.3%	4.8%	6.1%	4.8%	4.8%	7.8%	5.6%	4.9%	
Muslim	0.3%	0.8%	0.6%	0.0%	1.0%	0.7%	0.5%	0.6%	0.5%	
Presbyterian	4.1%	3.7%	3.3%	4.1%	3.3%	3.2%	4.2%	4.0%	3.4%	
Quaker	0.3%	0.1%	0.2%	0.0%	0.1%	0.2%	0.5%	0.2%	0.2%	
Roman Catholic	14.5%	14.0%	10.9%	12.2%	14.1%	10.7%	16.1%	14.0%	11.0%	
Seventh-day Adventist	0.0%	0.1%	3.5%	0.0%	0.1%	3.2%	0.0%	0.1%	3.7%	
United Church of Christ/Congregational	0.0%	0.9%	0.7%	0.0%	0.9%	0.6%	0.0%	0.9%	0.8%	
Other Christian	15.6%	22.3%	23.7%	15.0%	19.3%	21.1%	16.1%	24.6%	25.8%	
Other Religion	2.1%	1.8%	1.8%	1.4%	1.9%	1.7%	2.6%	1.8%	1.9%	
None	13.0%	11.8%	9.4%	15.6%	12.5%	10.0%	10.9%	11.2%	9.0%	
Parent/Guardian 1 current religious preference										
Agnostic	3.9%	3.3%	2.0%	2.8%	3.7%	2.3%	4.7%	3.1%	1.7%	
Atheist	3.6%	2.4%	1.5%	4.2%	2.6%	1.5%	3.1%	2.3%	1.4%	
Baptist	12.2%	12.2%	19.3%	13.2%	12.4%	19.8%	11.5%	12.0%	18.8%	
Buddhist	0.6%	0.9%	0.6%	0.7%	0.8%	0.5%	0.5%	0.9%	0.7%	
Church of Christ	6.0%	5.9%	8.1%	6.9%	6.7%	10.0%	5.2%	5.3%	6.7%	
Eastern Orthodox	0.6%	0.5%	0.4%	0.7%	0.5%	0.4%	0.5%	0.5%	0.4%	
Episcopalian	2.7%	1.5%	1.0%	2.1%	1.3%	0.9%	3.1%	1.7%	1.0%	
Hindu	0.3%	0.6%	0.3%	0.7%	0.6%	0.3%	0.0%	0.7%	0.4%	
Jewish	0.9%	2.8%	1.3%	0.7%	3.4%	1.5%	1.0%	2.4%	1.1%	

Note: Significance * p<.05, ** p<.01, *** p<.001



Spirituality/Religiosity - These items relate to religious and spiritual practices and beliefs.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
LDS (Mormon)	0.3%	0.2%	0.2%	0.7%	0.2%	0.3%	0.0%	0.2%	0.2%	
Lutheran	3.9%	6.6%	4.5%	3.5%	6.6%	4.5%	4.2%	6.6%	4.5%	
Methodist	11.0%	6.7%	5.7%	10.4%	6.6%	5.9%	11.5%	6.8%	5.6%	
Muslim	0.6%	0.9%	0.7%	0.0%	1.3%	0.8%	1.0%	0.7%	0.7%	
Presbyterian	6.3%	4.6%	3.8%	6.9%	4.6%	3.7%	5.7%	4.6%	3.9%	
Quaker	0.0%	0.1%	0.2%	0.0%	0.1%	0.1%	0.0%	0.2%	0.2%	
Roman Catholic	21.1%	17.4%	13.5%	21.5%	17.5%	13.4%	20.8%	17.3%	13.7%	
Seventh-day Adventist	0.3%	0.2%	3.4%	0.0%	0.2%	3.0%	0.5%	0.2%	3.8%	
United Church of Christ/Congregational	0.3%	0.9%	0.8%	0.0%	1.0%	0.6%	0.5%	0.9%	0.9%	
Other Christian	16.4%	22.4%	23.7%	16.0%	20.2%	21.6%	16.7%	24.0%	25.2%	
Other Religion	1.5%	1.6%	1.7%	0.7%	1.4%	1.6%	2.1%	1.8%	1.8%	
None	7.7%	8.2%	7.3%	8.3%	8.4%	7.4%	7.3%	8.0%	7.2%	
Parent/Guardian 2 current religious preference										
Agnostic	2.8%	3.0%	1.7%	1.4%	3.5%	1.9%	3.9%	2.8%	1.6%	
Atheist	5.0%	2.6%	1.8%	5.0%	2.5%	1.6%	5.1%	2.8%	1.9%	
Baptist	12.6%	11.7%	18.3%	17.1%	12.1%	19.2%	9.0%	11.3%	17.6%	
Buddhist	0.3%	0.9%	0.7%	0.0%	0.7%	0.5%	0.6%	1.0%	0.8%	
Church of Christ	5.3%	5.7%	7.7%	6.4%	6.7%	9.5%	4.5%	5.0%	6.2%	
Eastern Orthodox	0.6%	0.5%	0.4%	0.7%	0.5%	0.4%	0.6%	0.6%	0.5%	
Episcopalian	2.8%	1.5%	1.0%	2.9%	1.5%	1.0%	2.8%	1.5%	0.9%	
Hindu	0.3%	0.7%	0.4%	0.7%	0.7%	0.3%	0.0%	0.6%	0.4%	
Jewish	0.0%	2.5%	1.2%	0.0%	3.0%	1.4%	0.0%	2.2%	1.0%	
LDS (Mormon)	0.3%	0.2%	0.2%	0.7%	0.2%	0.3%	0.0%	0.2%	0.2%	
Lutheran	3.1%	6.2%	4.3%	0.7%	6.4%	4.5%	5.1%	6.1%	4.3%	
Methodist	11.3%	6.5%	5.6%	11.4%	6.9%	6.2%	11.2%	6.3%	5.1%	
Muslim	0.3%	1.0%	0.7%	0.0%	1.2%	0.6%	0.6%	0.8%	0.7%	
Presbyterian	5.7%	4.8%	4.0%	5.7%	4.6%	3.9%	5.6%	5.0%	4.1%	
Quaker	0.0%	0.1%	0.2%	0.0%	0.2%	0.2%	0.0%	0.1%	0.1%	
Roman Catholic	22.3%	17.9%	13.7%	20.0%	18.3%	13.6%	24.2%	17.6%	13.8%	
Seventh-day Adventist	0.0%	0.2%	3.4%	0.0%	0.2%	3.2%	0.0%	0.1%	3.6%	
United Church of Christ/Congregational	0.3%	0.9%	0.8%	0.0%	1.0%	0.6%	0.6%	0.9%	0.9%	
Other Christian	17.3%	22.4%	23.5%	17.9%	20.4%	21.6%	16.9%	23.8%	25.1%	
Other Religion	0.3%	1.6%	1.7%	0.0%	1.5%	1.6%	0.6%	1.6%	1.8%	
None	9.1%	9.1%	8.6%	9.3%	8.1%	7.7%	9.0%	9.8%	9.3%	



Spirituality/Religiosity - These items relate to religious and spiritual practices and beliefs.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
For the activities below, indicate which ones you did during the past year.										
Attended a religious service										
Frequently / Occasionally	72.7%	79.2%	83.5%	70.4%	77.1%	81.5%	74.4%	80.8%	85.1%	
Mean	2.08	2.29	2.36	2.07	2.22	2.29	2.09	2.33	2.41	
Standard deviation	0.79	0.79	0.75	0.81	0.79	0.76	0.77	0.78	0.74	
Significance	-	***	***	-	*	***	-	***	***	
Effect size	-	-0.27	-0.37	-	-0.19	-0.29	-	-0.31	-0.43	
Discussed religion										
Frequently	30.8%	39.1%	36.3%	28.2%	35.8%	32.6%	32.8%	41.6%	39.2%	
Mean	2.17	2.28	2.22	2.09	2.22	2.15	2.24	2.32	2.27	
Standard deviation	0.65	0.65	0.68	0.69	0.67	0.69	0.61	0.64	0.66	
Significance	-	**		-	*		-			
Effect size	-	-0.17	-0.07	-	-0.19	-0.09	-	-0.12	-0.05	
Rate yourself on each of the following traits as compared with the average person your age.										
Spirituality										
Highest 10% / Above Average	34.3%	44.7%	47.3%	35.6%	42.4%	46.0%	33.3%	46.3%	48.3%	
Mean	3.09	3.31	3.42	3.09	3.25	3.39	3.10	3.36	3.44	
Standard deviation	1.11	1.14	1.08	1.21	1.18	1.11	1.02	1.10	1.05	
Significance	-	***	***	-		**	-	**	***	
Effect size	-	-0.19	-0.31	-	-0.14	-0.27	-	-0.24	-0.32	
How important was each reason in your decision to come here?										
I was attracted by the religious affiliation/orientation of this college										
Very Important	3.8%	26.2%	32.6%	4.7%	20.1%	26.0%	3.1%	30.6%	37.7%	
Mean	1.30	1.77	1.92	1.28	1.66	1.82	1.33	1.84	2.01	
Standard deviation	0.54	0.84	0.85	0.54	0.79	0.82	0.53	0.86	0.86	
Significance	-	***	***	-	***	***	-	***	***	
Effect size	-	-0.56	-0.73	-	-0.48	-0.66	-	-0.59	-0.79	



Spirituality/Religiosity - These items relate to religious and spiritual practices and beliefs.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Please indicate the importance to you personally of each of the following:										
Developing a meaningful philosophy of life										
Essential / Very Important	46.1%	48.7%	45.2%	43.6%	50.6%	47.2%	47.9%	47.5%	43.6%	
Mean	2.45	2.50	2.42	2.42	2.54	2.47	2.47	2.47	2.39	
Standard deviation	1.02	1.02	1.02	0.99	1.03	1.02	1.04	1.02	1.02	
Significance	-			-			-			
Effect size	-	-0.05	0.03	-	-0.12	-0.05	-	0.00	0.08	



Career Planning - These items relate to career plans and preparation for future careers.

See also CIRP Construct: College Reputation Orientation.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Your intended major (aggregated)										
Agriculture	0.3%	0.2%	0.4%	0.0%	0.2%	0.3%	0.5%	0.3%	0.5%	
Biological & Life Sciences	17.0%	13.1%	12.2%	15.0%	10.7%	10.6%	18.6%	14.8%	13.5%	
Business	13.5%	16.2%	15.4%	20.4%	22.1%	22.4%	8.2%	11.8%	9.9%	
Education	4.4%	6.0%	8.3%	1.4%	4.0%	5.4%	6.7%	7.4%	10.6%	
Engineering	3.5%	4.2%	4.4%	7.5%	7.3%	7.3%	0.5%	2.0%	2.2%	
English	2.9%	1.9%	1.3%	1.4%	0.6%	0.6%	4.1%	2.8%	1.8%	
Health Professions	4.7%	9.4%	15.3%	2.0%	5.8%	10.4%	6.7%	12.0%	19.1%	
History or Political Science	8.5%	3.7%	2.8%	10.2%	4.3%	3.3%	7.2%	3.3%	2.5%	
Arts & Humanities	2.9%	6.8%	5.6%	1.4%	5.9%	5.9%	4.1%	7.5%	5.5%	
Fine Arts	8.5%	13.1%	8.2%	8.8%	13.9%	8.1%	8.2%	12.4%	8.2%	
Mathematics or Computer Science	6.2%	4.0%	3.8%	9.5%	6.3%	5.7%	3.6%	2.3%	2.2%	
Physical Science	3.2%	2.5%	1.8%	3.4%	2.9%	2.0%	3.1%	2.2%	1.7%	
Social Science	12.9%	7.4%	7.1%	9.5%	4.8%	3.9%	15.5%	9.3%	9.6%	
Justice and Security	0.0%	0.4%	2.8%	0.0%	0.6%	3.5%	0.0%	0.2%	2.3%	
Library Science	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	
Other Non-technical	0.9%	3.2%	4.0%	1.4%	3.1%	3.9%	0.5%	3.3%	4.0%	
Undecided	10.6%	7.9%	6.4%	8.2%	7.3%	6.5%	12.4%	8.3%	6.3%	
What is the highest academic degree that you intend to obtain?										
Highest academic degree planned										
None	0.0%	0.3%	0.7%	0.0%	0.5%	1.0%	0.0%	0.2%	0.5%	
Vocational certificate	0.0%	0.2%	0.2%	0.0%	0.3%	0.2%	0.0%	0.1%	0.2%	
Associate (A.A. or equivalent)	0.3%	0.6%	1.1%	0.0%	0.6%	1.4%	0.5%	0.6%	0.8%	
Bachelor's degree (B.A., B.S., B.D., etc.)	20.8%	31.2%	31.4%	19.0%	33.1%	34.2%	22.2%	29.8%	29.1%	
Master's degree (M.A., M.S., M.B.A., etc.)	37.5%	37.9%	37.4%	40.8%	38.2%	38.2%	34.9%	37.7%	36.8%	
J.D. (Law)	7.4%	3.9%	3.0%	10.9%	4.5%	2.9%	4.8%	3.5%	3.0%	
M.D., D.D.S., D.V.M., etc (Medical)	13.7%	8.5%	8.5%	10.9%	6.4%	6.3%	15.9%	10.0%	10.3%	
Ph.D.	11.6%	12.0%	10.8%	9.5%	11.8%	10.0%	13.2%	12.2%	11.5%	
Professional Doctorate (Ed.D., Psy.D., etc.)	8.3%	4.8%	5.9%	8.2%	4.0%	4.6%	8.5%	5.3%	7.0%	
Other	0.3%	0.6%	0.9%	0.7%	0.7%	1.2%	0.0%	0.6%	0.8%	
Your intended career (aggregated)										
Agriculture/Natural Resources	1.5%	2.3%	1.4%	0.7%	2.4%	1.6%	2.1%	2.2%	1.2%	
Artist	6.1%	16.0%	10.7%	8.5%	15.7%	10.6%	4.3%	16.2%	10.8%	



2016 CIRP Freshman Survey

First-time, Full-time Freshmen

Career Planning

CIRP Theme

Career Planning - These items relate to career plans and preparation for future careers.

See also CIRP Construct: College Reputation Orientation.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Business	13.3%	13.8%	13.9%	19.7%	19.6%	20.3%	8.5%	9.5%	8.9%	
Business (Administrative Assistant)	0.6%	0.7%	0.6%	0.0%	0.8%	0.7%	1.1%	0.6%	0.5%	
Clergy	0.6%	1.0%	1.7%	0.0%	1.2%	2.3%	1.1%	0.9%	1.3%	
College Faculty	1.5%	0.8%	0.6%	0.7%	0.8%	0.7%	2.1%	0.7%	0.5%	
Communications	1.2%	3.5%	2.6%	0.0%	2.8%	2.2%	2.1%	4.0%	3.0%	
Doctor (MD or DDS)	13.6%	8.2%	7.9%	11.3%	7.0%	6.2%	15.4%	9.0%	9.2%	
Education (elementary/secondary)	7.3%	6.5%	8.6%	7.7%	5.7%	6.8%	6.9%	7.1%	10.0%	
Engineer	1.5%	2.7%	2.8%	3.5%	4.8%	5.0%	0.0%	1.1%	1.1%	
Government	2.7%	2.3%	3.2%	4.9%	2.6%	4.1%	1.1%	2.1%	2.6%	
Health Professional	7.9%	7.6%	10.6%	4.2%	5.5%	7.9%	10.6%	9.1%	12.7%	
Homemaker/Stay at Home Parent	0.0%	0.3%	0.6%	0.0%	0.3%	0.5%	0.0%	0.3%	0.6%	
Information Technology Professional	3.0%	2.2%	2.0%	6.3%	3.8%	3.7%	0.5%	1.0%	0.7%	
Lawyer	7.0%	3.3%	2.5%	8.5%	3.3%	2.4%	5.9%	3.2%	2.6%	
Military	0.6%	0.6%	0.8%	1.4%	0.9%	1.4%	0.0%	0.3%	0.4%	
Nurse	0.9%	2.6%	4.8%	0.0%	0.7%	1.6%	1.6%	4.0%	7.2%	
Research Scientist	4.2%	4.0%	2.9%	5.6%	3.5%	2.9%	3.2%	4.4%	2.8%	
Service Industry	0.0%	0.1%	0.2%	0.0%	0.1%	0.3%	0.0%	0.2%	0.2%	
Skilled Worker	0.3%	1.4%	1.8%	0.7%	0.4%	0.8%	0.0%	2.2%	2.6%	
Social/Non-Profit Services	1.2%	0.8%	0.7%	0.0%	0.2%	0.3%	2.1%	1.2%	1.1%	
Other	9.7%	8.2%	10.1%	5.6%	7.1%	8.8%	12.8%	9.0%	11.2%	
Undecided	15.2%	11.4%	8.8%	10.6%	10.8%	8.9%	18.6%	11.8%	8.8%	
Parent/Guardian 1 career (aggregated)										
Agriculture/Natural Resources	0.6%	1.1%	1.1%	0.7%	1.3%	1.3%	0.5%	1.0%	1.0%	
Artist	1.8%	2.4%	1.7%	0.7%	2.3%	1.5%	2.6%	2.5%	1.8%	
Business	29.0%	29.7%	24.7%	33.1%	33.2%	26.7%	25.9%	27.2%	23.3%	
Business (Administrative Assistant)	2.1%	1.3%	1.6%	0.0%	1.0%	1.2%	3.7%	1.6%	1.8%	
Clergy	0.3%	1.8%	2.0%	0.0%	1.9%	2.0%	0.5%	1.7%	1.9%	
College Faculty	1.8%	1.7%	1.1%	2.8%	1.9%	1.1%	1.1%	1.5%	1.1%	
Communications	1.2%	1.1%	0.9%	0.7%	1.2%	1.0%	1.6%	1.1%	0.7%	
Doctor (MD or DDS)	3.6%	3.6%	2.6%	6.9%	4.1%	2.9%	1.1%	3.3%	2.3%	
Education (elementary/secondary)	12.9%	8.1%	8.1%	13.8%	6.7%	7.1%	12.2%	9.1%	8.9%	
Engineer	7.2%	5.0%	4.5%	7.6%	5.5%	5.4%	6.9%	4.6%	3.9%	
Government	2.7%	3.5%	4.0%	3.4%	3.8%	4.5%	2.1%	3.3%	3.7%	
Health Professional	4.5%	3.7%	4.5%	3.4%	3.0%	3.9%	5.3%	4.2%	4.9%	
Homemaker/Stay at Home Parent	4.5%	4.8%	4.8%	2.1%	2.3%	2.5%	6.3%	6.7%	6.4%	
Information Technology Professional	2.1%	3.9%	3.4%	2.1%	4.1%	3.7%	2.1%	3.7%	3.1%	

Note: Significance * p<.05, ** p<.01, *** p<.001



2016 CIRP Freshman Survey

First-time, Full-time Freshmen

Career Planning

CIRP Theme

Career Planning - These items relate to career plans and preparation for future careers.
See also CIRP Construct: College Reputation Orientation.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Lawyer	4.5%	2.4%	1.6%	4.1%	2.8%	1.7%	4.8%	2.1%	1.4%	
Military	0.9%	1.1%	1.3%	0.0%	0.9%	1.4%	1.6%	1.2%	1.2%	
Nurse	2.1%	2.4%	2.9%	1.4%	1.7%	2.0%	2.6%	2.9%	3.6%	
Research Scientist	1.2%	0.9%	0.6%	1.4%	0.8%	0.6%	1.1%	0.9%	0.6%	
Service Industry	1.5%	1.7%	2.4%	1.4%	1.5%	2.3%	1.6%	1.8%	2.6%	
Skilled Worker	1.8%	3.6%	5.0%	2.1%	3.9%	6.0%	1.6%	3.3%	4.3%	
Social/Non-Profit Services	0.0%	0.6%	0.7%	0.0%	0.6%	0.5%	0.0%	0.7%	0.7%	
Other	12.9%	15.2%	19.7%	11.7%	15.0%	19.4%	13.8%	15.4%	19.9%	
Undecided	0.9%	0.5%	1.0%	0.7%	0.6%	1.1%	1.1%	0.5%	0.9%	
Parent/Guardian 2 career (aggregated)										
Agriculture/Natural Resources	0.6%	0.9%	0.8%	0.7%	0.6%	0.6%	0.6%	1.0%	0.9%	
Artist	1.9%	2.6%	1.9%	2.9%	2.8%	1.9%	1.2%	2.5%	1.9%	
Business	19.6%	22.1%	18.7%	14.4%	19.9%	18.2%	23.7%	23.6%	19.1%	
Business (Administrative Assistant)	1.3%	1.9%	1.9%	0.0%	1.8%	1.9%	2.3%	1.9%	1.9%	
Clergy	0.0%	0.8%	0.7%	0.0%	0.6%	0.6%	0.0%	1.0%	0.8%	
College Faculty	2.2%	1.4%	1.0%	2.9%	1.4%	1.2%	1.7%	1.4%	0.9%	
Communications	1.0%	1.1%	0.8%	1.4%	1.2%	0.9%	0.6%	1.0%	0.7%	
Doctor (MD or DDS)	2.2%	2.8%	2.1%	4.3%	3.3%	2.2%	0.6%	2.5%	2.1%	
Education (elementary/secondary)	12.8%	11.1%	10.7%	15.8%	12.8%	12.1%	10.4%	9.8%	9.6%	
Engineer	3.2%	2.6%	2.6%	2.2%	1.4%	1.8%	4.0%	3.5%	3.2%	
Government	4.2%	2.4%	3.0%	3.6%	2.3%	2.9%	4.6%	2.4%	3.1%	
Health Professional	5.1%	4.7%	4.7%	5.0%	5.1%	5.5%	5.2%	4.4%	4.2%	
Homemaker/Stay at Home Parent	12.5%	12.7%	11.9%	18.0%	15.2%	13.0%	8.1%	11.0%	11.0%	
Information Technology Professional	3.2%	2.5%	2.2%	1.4%	1.7%	1.7%	4.6%	3.0%	2.6%	
Lawyer	3.5%	2.0%	1.2%	2.9%	2.0%	1.2%	4.0%	2.0%	1.1%	
Military	1.0%	0.7%	1.2%	1.4%	0.6%	1.1%	0.6%	0.8%	1.3%	
Nurse	2.6%	3.0%	3.6%	3.6%	3.3%	3.8%	1.7%	2.8%	3.4%	
Research Scientist	0.0%	0.7%	0.6%	0.0%	0.7%	0.4%	0.0%	0.8%	0.7%	
Service Industry	2.2%	2.0%	2.4%	2.2%	2.1%	2.5%	2.3%	1.9%	2.3%	
Skilled Worker	2.6%	3.2%	4.6%	0.7%	2.1%	3.2%	4.0%	4.0%	5.7%	
Social/Non-Profit Services	0.6%	0.7%	0.7%	0.7%	0.6%	0.8%	0.6%	0.7%	0.6%	
Other	17.0%	17.3%	21.1%	15.1%	17.4%	20.6%	18.5%	17.1%	21.5%	
Undecided	0.6%	0.8%	1.6%	0.7%	1.0%	1.9%	0.6%	0.7%	1.4%	



Career Planning - These items relate to career plans and preparation for future careers.
See also CIRP Construct: College Reputation Orientation.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Current employment status:										
Parent/Guardian 1										
Employed	88.8%	87.4%	87.0%	91.1%	89.7%	88.9%	87.1%	85.7%	85.6%	
Seasonally employed	2.4%	2.2%	2.0%	2.1%	1.6%	1.6%	2.6%	2.7%	2.4%	
Unemployed	5.9%	6.7%	7.6%	4.1%	4.8%	6.1%	7.2%	8.2%	8.8%	
Retired	2.9%	3.6%	3.3%	2.7%	3.9%	3.4%	3.1%	3.4%	3.2%	
Parent/Guardian 2										
Employed	75.7%	74.5%	75.4%	69.0%	70.7%	73.4%	81.0%	77.3%	77.1%	
Seasonally employed	3.1%	4.7%	4.4%	4.2%	5.6%	5.0%	2.2%	4.0%	4.0%	
Unemployed	15.0%	15.2%	15.6%	18.3%	16.6%	16.6%	12.3%	14.1%	14.8%	
Retired	6.2%	5.6%	4.6%	8.5%	7.0%	5.1%	4.5%	4.5%	4.1%	
In deciding to go to college, how important to you was each of the following reasons?										
To be able to get a better job										
Very Important	75.6%	80.2%	81.6%	76.5%	81.3%	82.0%	74.9%	79.4%	81.3%	
Mean	2.70	2.77	2.79	2.70	2.78	2.79	2.69	2.77	2.78	
Standard deviation	0.57	0.49	0.47	0.58	0.48	0.47	0.57	0.49	0.48	
Significance	-	*	***	-	*	*	-	*	**	
Effect size	-	-0.14	-0.19	-	-0.17	-0.19	-	-0.16	-0.19	
To gain a general education and appreciation of ideas										
Very Important	75.5%	74.6%	74.8%	68.5%	68.2%	69.9%	80.9%	79.2%	78.6%	
Mean	2.74	2.72	2.73	2.66	2.65	2.67	2.80	2.78	2.77	
Standard deviation	0.48	0.50	0.49	0.53	0.55	0.53	0.43	0.45	0.45	
Significance	-			-			-			
Effect size	-	0.04	0.02	-	0.02	-0.02	-	0.04	0.07	
To make me a more cultured person										
Very Important	55.7%	56.5%	52.1%	47.0%	46.5%	45.5%	62.4%	63.8%	57.3%	
Mean	2.46	2.48	2.42	2.34	2.34	2.31	2.56	2.58	2.49	
Standard deviation	0.66	0.65	0.67	0.70	0.69	0.70	0.62	0.59	0.64	
Significance	-			-			-			
Effect size	-	-0.03	0.06	-	0.00	0.04	-	-0.03	0.11	
To be able to make more money										
Very Important	62.8%	61.9%	66.3%	67.1%	68.4%	71.5%	59.5%	57.1%	62.2%	
Mean	2.53	2.54	2.59	2.60	2.62	2.66	2.47	2.48	2.54	

Note: Significance * p<.05, ** p<.01, *** p<.001



Career Planning - These items relate to career plans and preparation for future careers.

See also CIRP Construct: College Reputation Orientation.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Standard deviation	0.67	0.64	0.62	0.61	0.61	0.58	0.71	0.66	0.64	
Significance	-			-			-			
Effect size	-	-0.02	-0.10	-	-0.03	-0.10	-	-0.02	-0.11	
To learn more about things that interest me										
Very Important	85.8%	86.6%	83.8%	81.9%	82.7%	79.3%	88.7%	89.4%	87.4%	
Mean	2.85	2.86	2.83	2.80	2.81	2.77	2.88	2.89	2.87	
Standard deviation	0.39	0.38	0.41	0.45	0.43	0.46	0.34	0.33	0.36	
Significance	-			-			-			
Effect size	-	-0.03	0.05	-	-0.02	0.07	-	-0.03	0.03	
In deciding to go to college, how important to you was each of the following reasons?										
To get training for a specific career										
Very Important	61.0%	75.8%	80.3%	58.4%	73.0%	77.3%	63.1%	77.9%	82.7%	
Mean	2.54	2.72	2.77	2.54	2.69	2.74	2.55	2.74	2.80	
Standard deviation	0.62	0.53	0.48	0.59	0.55	0.51	0.64	0.51	0.46	
Significance	-	***	***	-	**	***	-	***	***	
Effect size	-	-0.34	-0.48	-	-0.27	-0.39	-	-0.37	-0.54	
To prepare myself for graduate or professional school										
Very Important	58.1%	51.4%	56.7%	58.4%	48.0%	52.8%	57.9%	53.9%	59.8%	
Mean	2.44	2.31	2.40	2.46	2.27	2.35	2.43	2.33	2.43	
Standard deviation	0.73	0.79	0.76	0.71	0.79	0.77	0.74	0.80	0.76	
Significance	-	**		-	**		-			
Effect size	-	0.16	0.05	-	0.24	0.14	-	0.13	0.00	
How important was each reason in your decision to come here?										
This college's graduates gain admission to top graduate/professional schools										College Reputation Orientation
Very Important	45.6%	33.1%	29.1%	42.6%	30.1%	25.7%	47.9%	35.3%	31.8%	
Mean	2.27	2.04	1.99	2.27	2.01	1.94	2.27	2.06	2.02	
Standard deviation	0.76	0.79	0.77	0.72	0.77	0.75	0.79	0.80	0.78	
Significance	-	***	***	-	***	***	-	***	***	
Effect size	-	0.29	0.36	-	0.34	0.44	-	0.26	0.32	
This college's graduates get good jobs										College 1M
Very Important	66.9%	59.0%	54.5%	65.3%	56.1%	49.8%	68.0%	61.2%	58.2%	

Note: Significance * p<.05, ** p<.01, *** p<.001



Career Planning - These items relate to career plans and preparation for future careers.

See also CIRP Construct: College Reputation Orientation.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Mean	2.60	2.50	2.43	2.55	2.47	2.37	2.64	2.53	2.48	College Reputation Orientation
Standard deviation	0.61	0.66	0.69	0.67	0.66	0.70	0.56	0.65	0.68	
Significance	-	**	***	-	-	**	-	*	**	
Effect size	-	0.15	0.25	-	0.12	0.26	-	0.17	0.24	
Please indicate the importance to you personally of each of the following:										
Becoming accomplished in one of the performing arts (acting, dancing, etc.)										
Essential / Very Important	16.3%	26.8%	22.6%	14.8%	24.6%	21.3%	17.4%	28.3%	23.6%	
Mean	1.60	1.91	1.80	1.59	1.84	1.75	1.60	1.97	1.84	
Standard deviation	0.93	1.10	1.04	0.90	1.06	1.01	0.95	1.12	1.05	
Significance	-	***	***	-	**	-	-	***	**	
Effect size	-	-0.28	-0.19	-	-0.24	-0.16	-	-0.33	-0.23	
Becoming an authority in my field										
Essential / Very Important	58.6%	57.5%	56.2%	65.8%	60.4%	58.7%	53.1%	55.5%	54.3%	
Mean	2.71	2.69	2.66	2.87	2.74	2.70	2.60	2.65	2.63	
Standard deviation	0.93	0.91	0.93	0.91	0.92	0.92	0.93	0.90	0.93	
Significance	-	-	-	-	-	*	-	-	-	
Effect size	-	0.02	0.05	-	0.14	0.18	-	-0.06	-0.03	
Being very well off financially										
Essential / Very Important	77.3%	73.4%	76.0%	79.9%	76.3%	77.2%	75.4%	71.3%	75.1%	
Mean	3.22	3.09	3.16	3.32	3.17	3.20	3.14	3.04	3.13	
Standard deviation	0.86	0.89	0.88	0.84	0.88	0.88	0.87	0.89	0.88	
Significance	-	**	-	-	*	-	-	-	-	
Effect size	-	0.15	0.07	-	0.17	0.14	-	0.11	0.01	
Making a theoretical contribution to science										
Essential / Very Important	16.3%	19.0%	20.3%	18.1%	19.7%	21.6%	14.9%	18.5%	19.3%	
Mean	1.70	1.75	1.79	1.76	1.81	1.85	1.66	1.70	1.75	
Standard deviation	0.84	0.91	0.92	0.84	0.89	0.92	0.83	0.91	0.91	
Significance	-	-	-	-	-	-	-	-	-	
Effect size	-	-0.05	-0.10	-	-0.06	-0.10	-	-0.04	-0.10	
Becoming successful in a business of my own										
Essential / Very Important	39.1%	38.0%	40.6%	43.8%	44.5%	46.6%	35.6%	33.5%	35.9%	
Mean	2.26	2.25	2.31	2.43	2.42	2.47	2.14	2.12	2.19	
Standard deviation	1.10	1.08	1.09	1.08	1.06	1.07	1.10	1.08	1.09	



Career Planning - These items relate to career plans and preparation for future careers.
See also CIRP Construct: College Reputation Orientation.

Southwestern University	Total			Men			Women			Construct
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	
Significance	-			-			-			
Effect size	-	0.01	-0.05	-	0.01	-0.04	-	0.02	-0.05	
What is your best guess as to the chances that you will:										
Change major field										
Very Good Chance	14.2%	10.8%	9.2%	10.7%	9.9%	8.7%	16.9%	11.5%	9.6%	
Mean	2.62	2.36	2.27	2.60	2.36	2.30	2.63	2.36	2.25	
Standard deviation	0.84	0.90	0.90	0.78	0.88	0.88	0.89	0.91	0.91	
Significance	-	***	***	-	**	***	-	***	***	
Effect size	-	0.29	0.39	-	0.27	0.34	-	0.30	0.42	
Change career choice										
Very Good Chance	18.9%	12.8%	10.0%	13.4%	11.6%	8.8%	23.1%	13.7%	11.0%	
Mean	2.76	2.49	2.37	2.74	2.48	2.39	2.77	2.49	2.36	
Standard deviation	0.85	0.90	0.90	0.76	0.88	0.87	0.91	0.91	0.92	
Significance	-	***	***	-	***	***	-	***	***	
Effect size	-	0.30	0.43	-	0.30	0.40	-	0.31	0.45	