



**HEDS Alumni Survey
2017–2018 Frequency and Indicator Report
The College of St. Scholastica**

Technical Information

This file summarizes data for 28,718 alumni from 69 institutions that administered the HEDS Alumni Survey in the 2015–2016, 2016–2017, and/or 2017–2018 academic years. The average response rate was 27%.

Participating Institutions and Number of Responses

	Administration Year	# of Respondents - 1-Year Cohort¹	# of Respondents - 5-Year Cohort¹	# of Respondents - 10-Year Cohort¹	# of Respondents - 10+ Years Cohort¹	Response Rate²
Benedictine College	2015–2016		25	17		8%*
Prescott College	2015–2016	27	22	19	153	7%*
Hamilton College	2015–2016		139	100		27%*
McDaniel College	2015–2016	71	66			18%*
Haverford College	2015–2016		235	196		39%
Harvey Mudd College	2015–2016	88	44	32	81	38%
Kenyon College	2015–2016		113	108		36%
Luther College	2015–2016		184	174		36%
St. John's College (MD)	2015–2016		28	21		34%
The College of Idaho	2015–2016	49	55	32		33%
Grinnell College	2015–2016		111	81		31%
Knox College	2015–2016		64	61		30%
Earlham College	2015–2016	113	139	113		29%
St. John's College (NM)	2015–2016		22	21		29%
Goshen College	2015–2016		48	28		27%
Scripps College	2015–2016	112	103	102		27%
Mills College	2015–2016		61	41		25%
Washington & Jefferson College	2015–2016	76	89	41	21	25%
Clark University	2015–2016		232	127		24%
Central College	2015–2016		53	56		23%
Drew University	2015–2016	58	63	67		23%
Hampden-Sydney College	2015–2016	20	39	26	44	22%

Susquehanna University	2015–2016		87			22%
Saint Vincent College	2015–2016		34	16		20%
Wake Forest University	2015–2016		163			20%
Willamette University	2015–2016	63	73	35		20%
Warren Wilson College	2015–2016	56	40	25	24	19%
Albion College	2015–2016		70	54		17%
University of Redlands	2015–2016	126	113	107		17%
Monmouth College	2015–2016		57	46		16%
Trinity University (TX)	2015–2016		60	77		16%
Baldwin Wallace University	2015–2016		133	85		14%
Graceland University	2015–2016	99	99	66		14%
Dominican University of California	2015–2016	45	37	26		13%
Roanoke College	2015–2016		84			13%
Saint Leo University	2015–2016	195	114			9%
Otterbein University	2015–2016		32			8%
Washburn University	2015–2016	36	25	45		7%
Hamilton College	2016–2017		161	118		32%*
Skidmore College	2016–2017		205	169		31%*
The Cooper Union for the Advancement of Science and Art	2016–2017	121	94	113	348	30%*
Roanoke College	2016–2017		92			21%*
McDaniel College	2016–2017	53	54			15%*
Principia College	2016–2017		146	130		62%
St. John's College (NM)	2016–2017	26	64	54	215	56%
Marlboro College	2016–2017	55	43	56	588	49%
Haverford College	2016–2017	158	129	103	85	44%
Kenyon College	2016–2017		159	151		43%
Hanover College	2016–2017	95	90	76		41%
Occidental College	2016–2017	195	326	270	5	41%
Scripps College	2016–2017	85	87			41%
Reed College	2016–2017		240	218	307	36%
Alma College	2016–2017		197	103		35%
Harvey Mudd College	2016–2017	62	59	41	78	34%
Hampden-Sydney College	2016–2017	50	88	48		33%
St. Norbert College	2016–2017		125	84		32%
Muhlenberg College	2016–2017	296	255	99		31%
Warren Wilson College	2016–2017	64	52	43		31%
Milligan College	2016–2017		80	60		28%

Southwestern University	2016–2017		68	70		28%
Gettysburg College	2016–2017		150			27%
Whittier College	2016–2017		62	35	3	27%
Kalamazoo College	2016–2017		67	59		26%
Nebraska Wesleyan University	2016–2017		78	59		26%
Olivet College	2016–2017		35	17	50	26%
Pitzer College	2016–2017	79	53			26%
University of Redlands	2016–2017	270	174	119		26%
Trinity University (TX)	2016–2017		117	96		25%
Baldwin Wallace University	2016–2017		140	94		18%
Concordia University Texas	2016–2017		36	19		18%
Lewis & Clark College	2016–2017	89			26	18%
Xavier University	2016–2017		91	97		18%
Dominican University of California	2016–2017	75	35	27		15%
Benedictine College	2016–2017		52	35		12%
Principia College	2017–2018					59%
Goshen College	2017–2018		58	76		46%
Harvey Mudd College	2017–2018	95	69	65	71	46%
Luther College	2017–2018		218	207		46%
St. Olaf College	2017–2018		530			40%
Kalamazoo College	2017–2018		113	85		39%
Knox College	2017–2018		108	74	90	39%
Scripps College	2017–2018	104	76	53		39%
Dickinson College	2017–2018	200	151	167		37%
Haverford College	2017–2018	105	101	103	94	37%
Kenyon College	2017–2018		115	106		35%
Concordia College (MN)	2017–2018		156	147		33%
Hanover College	2017–2018	78	52	79		33%
Southwestern University	2017–2018		89	102		33%
Illinois Wesleyan University	2017–2018		287	272		32%
Lewis & Clark College	2017–2018	161			96	30%
Ouachita Baptist University	2017–2018	31	86	54	61	30%
St. Norbert College	2017–2018		126	93		29%
Benedictine College	2017–2018		60	36	7	26%
Mills College	2017–2018		76	39		26%
Union College	2017–2018		143	117	206	26%
Saint Anselm College	2017–2018		68	64		24%
Hamilton College	2017–2018		111	81		22%

Hampden-Sydney College	2017–2018	35	32	46		20%
Olivet College	2017–2018		24	24	39	20%
Trinity University (TX)	2017–2018		87	77		20%
Loyola University Maryland	2017–2018		174	109		17%
University of Redlands	2017–2018	96	132	92		16%
The College of St. Scholastica	2017–2018		159	98		15%
Dominican University of California	2017–2018	65	40	26		15%
Baldwin Wallace University	2017–2018		66	91		13%
Earlham College	2017–2018		61			13%
Cornell College	2017–2018		54	53	77	12%
Saint Leo University	2017–2018		198	89		10%

¹ Respondents include alumni who answered at least one question. The 1-year cohort includes alumni who graduated in 2014 or 2015 for the 2015–2016 administration, in 2015 or 2016 for the 2016–2017 administration, and in 2016 or 2017 for the 2017–2018 administration. The 5-year cohort includes alumni who graduated in 2010 or 2011 for the 2015–2016 administration, in 2011 or 2012 for the 2016–2017 administration, and 2012 or 2013 for the 2017–2018 administration. The 10-year cohort includes alumni who graduated in 2005 or 2006 for the 2015–2016 administration, in 2006 or 2007 for the 2016–2017 administration, and in 2007 or 2008 for the 2017–2018 administration. The 10+ years cohort includes alumni who graduated before 2005 for the 2015–2016 administration, before 2006 for the 2016–2017 administration, and before 2007 for the 2017–2018 administration.

² We calculated the response rate by dividing an institution's number of respondents, including those alumni who did not fall into one of the cohorts included in the report, by the number of emails successfully delivered through Qualtrics.

*Institution used authentication method, and response rates for these institutions do not factor in bounced email addresses.

Indicators

This file contains information on five dimensions of undergraduate experience. The five indicators and their reliabilities are:

- Good Teaching and High-Quality Interactions with Faculty – 9 statements, Cronbach's $\alpha = 0.91$
- Challenging Assignments and High Faculty Expectations – 14 questions, Cronbach's $\alpha = 0.89$
- Interactions with Diversity – 6 questions, Cronbach's $\alpha = 0.86$
- Growth on Intellectual Outcomes – 10 questions, Cronbach's $\alpha = 0.88$
- Growth on Civic Outcomes – 4 questions, Cronbach's $\alpha = 0.83$

The first three dimensions are based on indicators that the Center of Inquiry developed and validated in the Wabash National Study. We developed the indicators measuring intellectual, social, and civic outcomes based on responses to the HEDS Alumni Survey and HEDS Senior Survey. Please note that only those alumni who answered every question in the indicator receive a score.

Calculating Effect Sizes

We calculated effect sizes for key comparisons rather than using tests of statistical significance. We have so many comparisons that using a test of significance for each comparison would increase the likelihood of a Type I error should the null hypothesis be correct in any of the comparisons. Unfortunately, correcting for this would dramatically reduce the power of our comparisons, thereby increasing the chance of Type II errors if the differences are the result of more than random influences. So, we have calculated effect sizes to provide a guide for

assessing the magnitude of the differences between groups. When we compared the mean of two groups, we used Cohen's d . We only calculated Cohen's d when $n \geq 10$ in each cell in the comparison.

Following the practice of the National Survey of Student Engagement (http://nsse.indiana.edu/pdf/effect_size_guide.pdf) we used the following thresholds for small, medium, and large effect sizes for Cohen's d :

- * Large – 0.5
- * Medium – 0.3
- * Small – 0.1

Excluded Questions

Survey questions 14, 19, and 20 are open-ended questions. The responses to these questions are included in your data file but not this report. The responses to Question 23 ("Are you currently employed?") also do not appear in this report. Question 23 is designed to clarify the status of alumni who indicate in Question 1 that employment is not their current primary activity, but who give subsequent responses which indicate that they might be employed.

Demographics

The information that we provide for gender and race/ethnicity combines data collected from survey questions included in the 2015–2016 and 2017–2018 administrations and information provided by institutions or supplemental questions used by institutions during the 2016–2017 administration.

We use responses from Question 31 ("What was your citizenship status during the time you were enrolled as an undergraduate?"), Question 32 ("Are you Hispanic or Latino/a?"), and Question 33 ("Please indicate the race or races with which you identify. (Choose one or more)") to create the race/ethnicity categories so that they align with the race/ethnicity categories from IPEDS: <https://nces.ed.gov/ipeds/report-your-data/race-ethnicity-definitions>. Alumni who indicated that they were not a U.S. citizen or permanent resident in Question 31 were categorized as such, regardless of their responses to Questions 32 and 33. Alumni who indicated that they were Hispanic or Latino/a were categorized as such, regardless of their response to Question 33. Alumni who selected multiple races for Question 33 were categorized as "Two or more races." Alumni who selected one race for Question 33 were categorized accordingly. Alumni who skipped these questions or who skipped Question 33 and could not be categorized as "Not a U.S. citizen or permanent resident" or "Hispanic or Latino/a" were categorized as "Unknown."

Field of Study

During the 2016–2017 administration, some institutions provided CIP codes to identify the majors of their alumni while most added a supplemental question to capture their alumni's field of study, which matched the field of study question that had been included in the 2015–2016 and 2017–2018 administrations. We recoded the institution-provided CIP codes to align with the field of study categories from the 2015–2016 and 2017–2018 survey question. We used the first two digits of the code to determine the broad category of majors and created the following crosswalk:

2-Digit Code	CIP Code Major Category	HEDS Field of Study
03	Natural Resources and Conservation	Biological Sciences
04	Architecture and Related Services	Humanities
05	Area, Ethnic, Cultural, and Gender Studies	Social Sciences
09	Communication, Journalism, and Related Programs	Communications
11	Computer and Information Sciences and Support Systems	Physical Sciences, Mathematics, and Computer Science
13	Education	Education
14	Engineering	Engineering
16	Foreign Languages, Literatures, and Linguistics	Humanities
19	Family and Consumer Sciences/Human Sciences	Other
22	Legal Professions and Studies	Other
23	English Language and Literature/Letters	Humanities
24	Liberal Arts and Sciences, General Studies and Humanities	Other
26	Biological and Biomedical Sciences	Biological Sciences
27	Mathematics and Statistics	Physical Sciences, Mathematics, and Computer Science
30	Multi/Interdisciplinary Studies	Other
31	Parks, Recreation, Leisure, and Fitness Studies	Other
34	Health-Related Knowledge and Skills	Health Sciences
38	Philosophy and Religious Studies	Humanities
39	Theology and Religious Vocations	Other
40	Physical Sciences	Physical Sciences, Mathematics, and Computer Science
42	Psychology	Social Sciences
43	Security and Protective Services	Other
44	Public Administration and Social Service Professions	Other
45	Social Sciences	Social Sciences
49	Transportation and Materials Moving	Other
50	Visual and Performing Arts	Fine and Performing Arts
51	Health Professions and Related Clinical Services	Health Sciences
52	Business, Management, Marketing, and Related Support Services	Business and Management
54	History	Humanities