
NSSE 2023

High-Impact Practices

Valparaiso University

About Your High-Impact Practices Report

Due to their positive associations with student learning and retention, certain undergraduate opportunities are designated "high-impact." High-Impact Practices (HIPs) share several traits: They demand considerable time and effort, facilitate learning outside of the classroom, require meaningful interactions with faculty and students, encourage collaboration with diverse others, and provide frequent and substantive feedback. As a result, participation in these practices has the potential to be very influential and rewarding (Kilgo et al., 2015; Kuh, 2008). NSSE founding director George Kuh recommends that institutions should aspire for all students to participate in at least two HIPs over the course of their undergraduate experience—one during the first year and one in the context of their major (NSSE, 2007).

NSSE asks students about their participation in the six HIPs shown in the box at right. Unlike most questions on the NSSE survey, the HIP questions are not limited to the current school year. Thus, senior students' responses include participation from prior years.

High-Impact Practices in NSSE

Service-Learning

Courses that included a community-based project

Learning Community

Formal program where groups of students take two or more classes together

Research with Faculty

Work with a faculty member on a research project

Internship or Field Experience

Internship, co-op, field experience, student teaching, or clinical placement

Study Abroad

Culminating Senior Experience

Capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.

Report Sections

Participation Comparisons (p. 3)

Displays HIP participation for your students compared with that of students at your comparison group institutions. Two views present insights into your students' HIP participation:

Overall HIP Participation

Displays the percentage of students who participated in one HIP and in two or more HIPs, relative to those at your comparison group institutions.

Statistical Comparisons

Comparisons of participation in each HIP and overall for your students relative to those at comparison group institutions, with tests of significance and effect sizes.

Response Detail (pp. 4-5)

Provides complete response frequencies for the relevant HIP questions for your students and those at your comparison group institutions. First-year results include a summary of their expectations for future HIP participation.

Participation by Student Social Identities and Experiences (p. 6-End)

Displays your students' participation in each HIP by selected student social identities and experiences.

Interpreting Comparisons

HIP participation varies more among students within an institution than it does between institutions, like many experiences and outcomes in higher education. As a result, focusing attention on overall participation rates amounts to examining the tip of the iceberg. It is equally important to understand how student engagement (including HIP participation) varies *within* your institution. The table beginning on page 6 provides an initial look at how HIP participation varies by selected student social identities and experiences. Your NSSE Tableau dashboard and Report Builder (released in the fall) offer further perspectives on internal variation to help you investigate your students' HIP participation in depth.

Kilgo, C. A., Sheets, J. K. E., & Pascarella, E. T. (2015). The link between high-impact practices and student learning: Some longitudinal evidence. *Higher Education*, 69, 509-525.

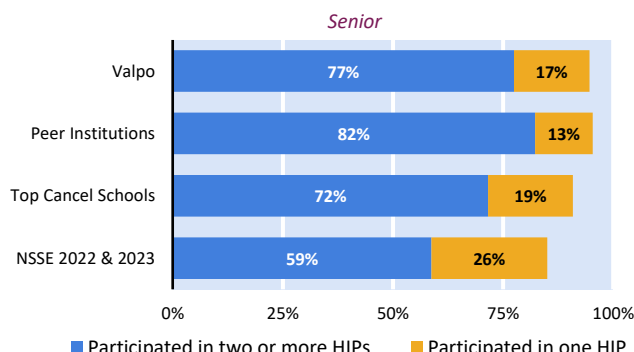
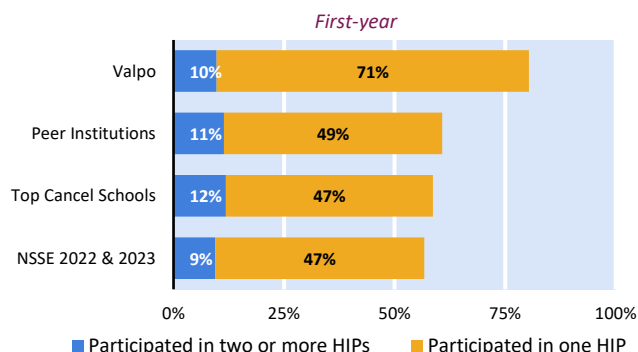
Kuh, G. D. (2008). *High-impact educational practices: What they are, who has access to them, and why they matter*. Association of American Colleges and Universities.

National Survey of Student Engagement (2007). *Experiences that matter: Enhancing student learning and success—Annual Report 2007*. Indiana University Center for Postsecondary Research.

Rocconi, L.M., & Gonyea, R.M. (2018). Contextualizing effect sizes in the National Survey of Student Engagement: An empirical analysis. *Research & Practice in Assessment*, 13 (Summer/Fall), pp. 22-38.

Overall HIP Participation

The figures below display the level of participation of students in High-Impact Practices. Both figures include participation in service-learning, learning communities, and research with faculty. The senior figure also includes participation in internships or field experiences, study abroad, and culminating senior experiences. The first segment in each bar shows the percentage who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.



Statistical Comparisons

The table below displays the percentage of your students who participated in a given High-Impact Practice, including the percentage who participated in at least one or in two or more HIPs. It also graphs the difference, in percentage points, between your students and those of your comparison groups. Blue bars indicate how much higher your institution's percentage is compared to the comparison group. Dark red bars indicate how much lower your institution's percentage is compared to the comparison group. (Comparison group percentages appear on the following pages.)

Your students' participation compared with:

	Valpo	Peer Institutions		Top Cancel Schools		NSSE 2022 & 2023	
	%	Difference ^a	ES ^b	Difference ^a	ES ^b	Difference ^a	ES ^b
First-year							
Service-Learning	77	+22	***	+25	***	+25	***
Learning Community	10	-5		-5		-1	
Research with Faculty	5	+0		-1		-0	
Participated in at least one	80	+20	***	+22	***	+24	***
Participated in two or more	10	-2		-2		+0	
Senior							
Service-Learning	64	-6		+1		+4	
Learning Community	27	-6		-2		+5	
Research with Faculty	35	+3		+8	*	+13	***
Internship or Field Exp.	68	+0		+6		+19	***
Study Abroad	24	+3		+10	***	+15	***
Culminating Senior Exp.	61	-8	*	+8		+16	***
Participated in at least one	95	-1		+4		+10	**
Participated in two or more	77	-5		+6		+19	***

a. Percentage point differences (institution – comp. group) rounded to whole numbers. Values less than one may not display a bar and may be shown as +0 or -0.

b. Cohen's *h* (standardized difference between two proportions). Effect sizes indicate the practical importance of observed differences. For service-learning, internships, study abroad, and culminating senior experiences, an ES of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an ES of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2018).

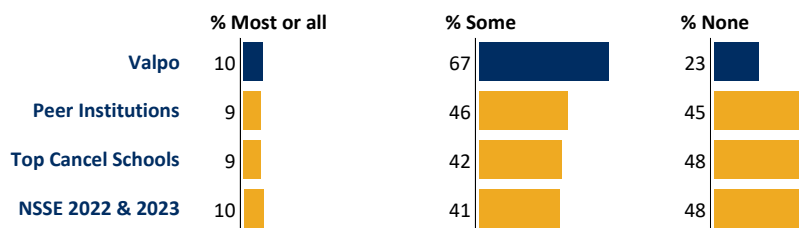
p* < .05, *p* < .01, ****p* < .001 (z-test comparing participation rates).

Note: Participation includes the percentage of students who responded "done or in progress" except for service-learning which is the percentage who responded that at least "some" courses included a community-based project. All results weighted by institution-reported sex and enrollment status (and by institution size for comparison groups).

First-year students

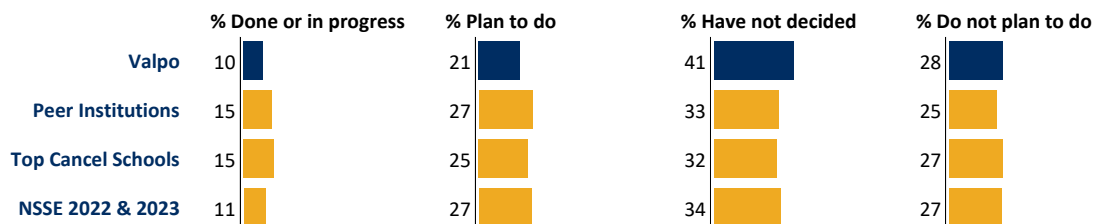
Service-Learning

About how many of your courses at this institution have included a community-based project (service-learning)?



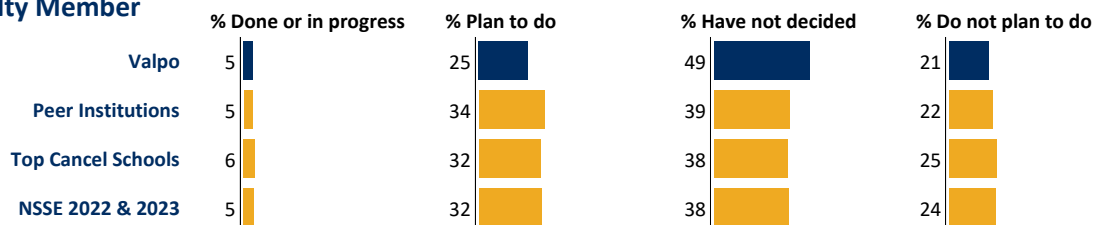
Learning Community

Participate in a learning community or some other formal program where groups of students take two or more classes together.



Research with a Faculty Member

Work with a faculty member on a research project.



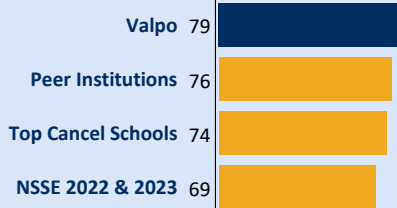
Plans to Participate^a

Knowing whether first-year students *plan* to participate in upper-division HIPs can reveal insights about HIP demand, awareness of opportunities, and the clarity of institutional information. These results might also point to topics for additional exploration, such as what contributes to students' expectations, their assumptions about who can participate, or why other students are undecided or have no plans to participate in the activity.

Percentage responding "Plan to do"

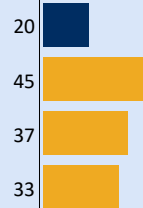
Internship or Field Experience

Participate in an internship, co-op, field experience, student teaching, or clinical placement.



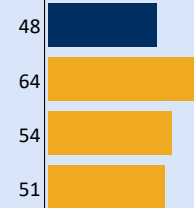
Study Abroad

Participate in a study abroad program.



Culminating Senior Experience

Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.).



a. Refer to your *Frequencies and Statistical Comparisons* for details on the other response options.

Note: Results weighted by institution-reported sex (including "Another" and "Unknown" when provided) and enrollment status (and institutional size for comparison groups).

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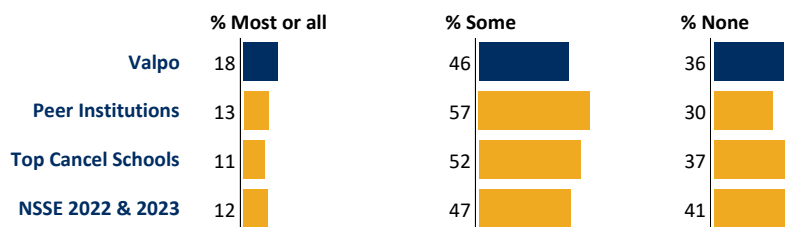
Response Detail

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Seniors

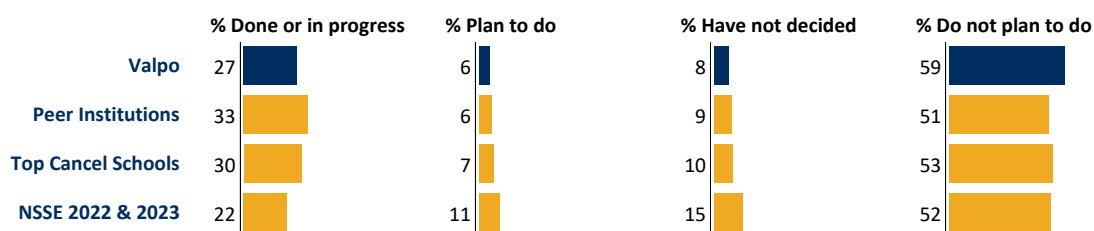
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About how many of your courses at this institution have included a community-based project (service-learning)?



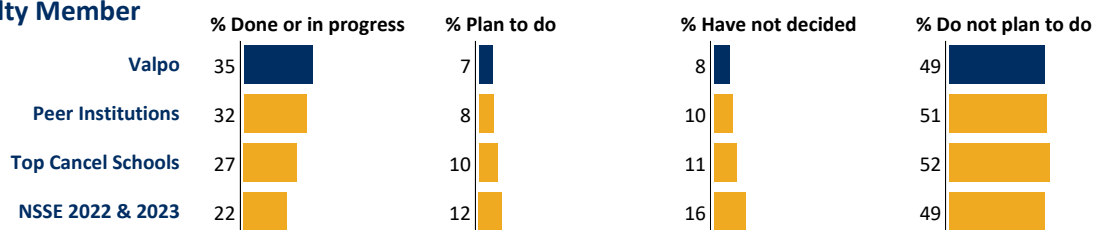
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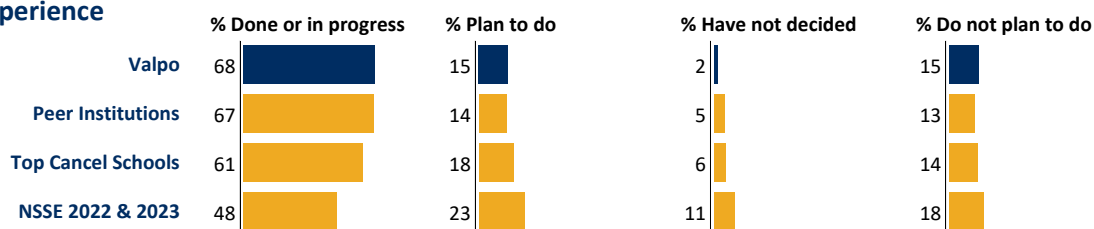
Research with a Faculty Member

Work with a faculty member on a research project.



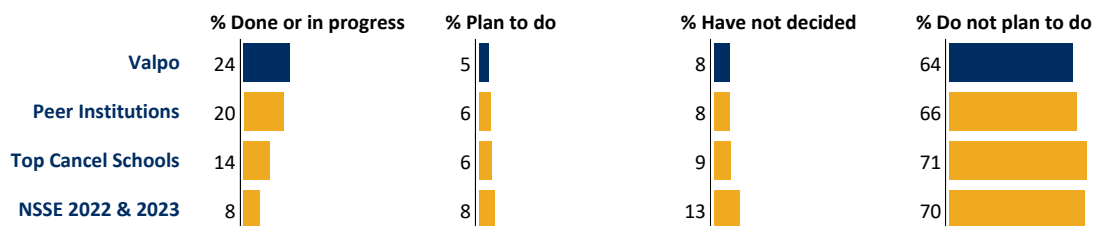
Internship or Field Experience

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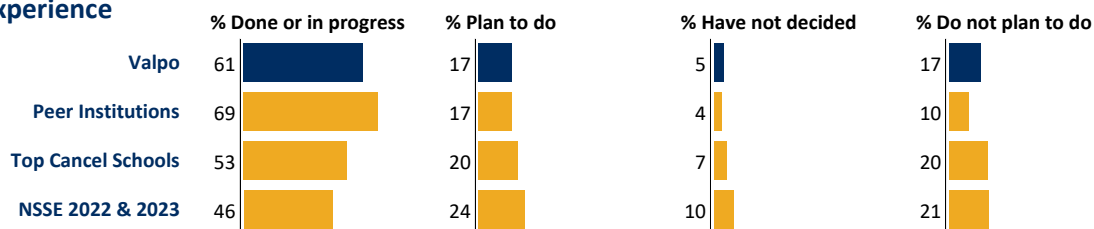
Study Abroad

Participate in a study abroad program.



Culminating Senior Experience

Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.).



Note: Results weighted by institution-reported sex (including "Another" and "Unknown" when provided) and enrollment status (and institutional size for comparison groups).

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Disaggregated Results

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Participation in High-Impact Practices by Student Social Identities and Experiences

Examining participation rates for different groups offers insight into how engagement varies within your student population. The table below displays participation in each HIP by selected social identities and experiences. Details include the number of HIP participants (N), the number within the group who responded to the item (total), and the group participation percentage (%).

	First-year						Senior											
	Service-Learning		Learning Community		Research with Faculty		Service-Learning		Learning Community		Research with Faculty		Internship or Field Experience		Study Abroad		Culminating Senior Experience	
Major category ^a	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Arts & humanities	4/7	57	0/7	0	1/7	14	5/8	63	1/8	13	2/8	25	6/8	75	4/8	50	6/8	75
Bio. sci., agric., and natural res.	6/7	86	1/7	14	1/7	14	2/9	22	2/9	22	5/9	56	4/9	44	3/9	33	3/9	33
Physical sci., math, computer sci.	4/6	67	1/6	17	1/6	17	6/12	50	3/12	25	6/12	50	6/12	50	4/12	33	4/12	33
Social sciences	10/13	77	1/13	8	0/13	0	9/11	82	2/11	18	6/11	55	7/11	64	4/11	36	6/11	55
Business	3/4	75	1/4	25	1/4	25	18/23	78	6/23	26	3/23	13	20/23	87	3/23	13	19/23	83
Communications, media, public rel.	5/7	71	2/7	29	0/7	0	0/2	0	0/2	0	0/2	0	1/2	50	0/2	0	2/2	100
Education	2/2	100	0/3	0	0/3	0	2/2	100	1/2	50	1/2	50	0/2	0	0/2	0	1/2	50
Engineering	16/24	67	1/24	4	0/23	0	14/27	52	6/27	22	15/26	58	20/27	74	7/27	26	17/27	63
Health professions	32/36	89	3/36	8	2/35	6	30/37	81	12/37	32	7/37	19	24/37	65	7/37	19	17/37	46
Social service professions	6/7	86	2/7	29	0/7	0	5/5	100	5/5	100	2/5	40	5/5	100	1/5	20	5/5	100
Undecided/undeclared	1/3	33	1/3	33	0/3	0	0/0		0/0		0/0		0/0		0/0		0/0	
Transfer status	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Started here	89/117	76	12/118	10	6/116	5	68/113	60	35/113	31	39/112	35	84/113	74	27/113	24	70/113	62
Started elsewhere	4/4	100	0/4	0	0/4	0	21/24	88	4/24	17	8/24	33	10/24	42	5/24	21	11/24	46
Enrollment status ^b	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Not full-time	0/0		0/0		0/0		6/9	67	1/9	11	2/9	22	3/9	33	2/9	22	4/9	44
Full-time	95/123	77	13/124	10	6/122	5	85/131	65	39/131	30	47/130	36	92/131	70	31/131	24	79/131	60
First-generation ^c	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Continuing generation	57/76	75	7/76	9	5/74	7	69/103	67	34/103	33	39/102	38	76/103	74	26/103	25	61/103	59
First-generation	33/41	80	5/41	12	1/41	2	20/34	59	6/34	18	9/34	26	19/34	56	7/34	21	21/34	62
I prefer not to respond	2/3	67	0/3	0	0/3	0	1/1	100	0/1	0	0/1	0	0/1	0	0/1	0	0/1	0
Race/ethnicity ^d	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Asian	10/12	83	1/12	8	0/11	0	6/12	50	3/12	25	4/12	33	8/12	67	4/12	33	4/12	33
Black or African American	7/9	78	0/9	0	2/9	22	4/5	80	0/5	0	2/5	40	2/5	40	0/5	0	3/5	60
Hispanic, Latina/o, Latine, or Latinx	4/6	67	0/6	0	0/6	0	3/4	75	1/4	25	1/4	25	3/4	75	1/4	25	2/4	50
Indigenous, American Indian, etc.	2/2	100	0/2	0	0/2	0	3/3	100	1/3	33	0/3	0	2/3	67	1/3	33	1/3	33
Middle Eastern or North African	3/5	60	0/5	0	0/5	0	7/8	88	0/8	0	2/8	25	3/8	38	0/8	0	1/8	13
Native Hawaiian or Pacific Islander	0/0		0/0		0/0		1/1	100	0/1	0	0/1	0	0/1	0	0/1	0	0/1	0
White	74/96	77	10/96	10	5/95	5	77/117	66	37/117	32	44/116	38	86/117	74	30/117	26	73/117	62
Another race or ethnicity	0/0		0/0		0/0		2/2	100	0/2	0	0/2	0	1/2	50	1/2	50	1/2	50
I prefer not to respond	2/3	67	1/3	33	0/3	0	1/3	33	0/3	0	0/3	0	0/3	0	0/3	0	2/3	67

Participation in High-Impact Practices by Student Social Identities and Experiences

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	First-year						Senior											
	Service-Learning		Learning Community		Research with Faculty		Service-Learning		Learning Community		Research with Faculty		Internship or Field Experience		Study Abroad		Culminating Senior Experience	
	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
International status																		
Not an international student	91/117	78	12/117	10	5/115	4	81/128	63	40/128	31	46/127	36	93/128	73	32/128	25	80/128	63
International student	2/4	50	0/4	0	1/4	25	9/10	90	0/10	0	2/10	20	2/10	20	1/10	10	2/10	20
Gender identity^d																		
Woman	57/73	78	9/73	12	4/73	5	64/86	74	32/86	37	30/86	35	63/86	73	19/86	22	43/86	50
Man	35/46	76	4/46	9	2/44	5	26/50	52	8/50	16	17/49	35	29/50	58	11/50	22	36/50	72
Agender or gender neutral	1/1	100	1/1	100	0/1	0	1/1	100	0/1	0	0/1	0	0/1	0	0/1	0	0/1	0
Demigender	2/2	100	1/2	50	0/2	0	1/2	50	0/2	0	0/2	0	1/2	50	0/2	0	0/2	0
Genderqueer, non-binary, etc.	2/3	67	1/3	33	0/3	0	1/4	25	0/4	0	1/4	25	3/4	75	2/4	50	2/4	50
Genderfluid	2/2	100	1/2	50	0/2	0	1/1	100	0/1	0	0/1	0	0/1	0	0/1	0	0/1	0
Two-spirit	0/0		0/0		0/0		1/1	100	0/1	0	0/1	0	0/1	0	0/1	0	0/1	0
Cis/Cisgender	8/11	73	2/11	18	0/11	0	6/10	60	3/10	30	3/10	30	7/10	70	4/10	40	4/10	40
Trans/Transgender	2/2	100	1/2	50	0/2	0	1/1	100	0/1	0	0/1	0	0/1	0	0/1	0	0/1	0
Questioning or unsure	2/2	100	1/2	50	0/2	0	1/3	33	0/3	0	0/3	0	2/3	67	1/3	33	1/3	33
Another gender identity	0/2	0	0/2	0	0/0		1/1	100	0/0		0/0		1/1	100	1/1	100	1/1	100
I prefer not to respond	0/0		0/0		0/0		0/0		0/0		0/0		0/0		0/0		0/0	
Sexual orientation^d																		
Straight or heterosexual	73/95	77	9/95	9	4/93	4	74/106	70	32/106	30	36/105	34	74/106	70	22/106	21	67/106	63
Bisexual	10/11	91	1/11	9	1/11	9	10/15	67	3/15	20	6/15	40	10/15	67	5/15	33	6/15	40
Lesbian	3/6	50	1/6	17	1/6	17	3/4	75	2/4	50	1/4	25	3/4	75	1/4	25	1/4	25
Gay	3/3	100	1/3	33	0/3	0	2/6	33	1/6	17	2/6	33	2/6	33	1/6	17	3/6	50
Queer	2/2	100	1/2	50	0/2	0	3/6	50	1/6	17	2/6	33	4/6	67	2/6	33	4/6	67
Pansexual or polysexual	1/3	33	2/3	67	0/3	0	4/5	80	1/5	20	2/5	40	2/5	40	1/5	20	3/5	60
Ace, gray, or asexual	8/9	89	1/9	11	0/9	0	2/5	40	1/5	20	0/5	0	2/5	40	0/5	0	1/5	20
Demisexual	2/4	50	1/4	25	1/4	25	2/3	67	0/3	0	0/3	0	1/3	33	0/3	0	0/3	0
Questioning or unsure	4/4	100	1/4	25	0/4	0	1/4	25	1/4	25	3/4	75	3/4	75	0/4	0	0/4	0
Another sexual orientation	0/0		0/0		0/0		2/2	100	0/2	0	0/2	0	1/2	50	1/2	50	1/2	50
I prefer not to respond	1/1	100	0/1	0	0/1	0	2/3	67	1/3	33	1/3	33	1/3	33	1/3	33	1/3	33
Age^b																		
FY 21+, Seniors 25+	2/3	67	0/3	0	0/3	0	10/10	100	0/10	0	3/10	30	2/10	20	1/10	10	3/10	30
FY < 21, Seniors < 25	93/120	78	13/121	11	6/119	5	81/130	62	40/130	31	46/129	36	93/130	72	32/130	25	80/130	62

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	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Disability status^d																		
Sensory disability	0/0		0/0		0/0		0/0		0/0		0/0		0/0		0/0		0/0	
Physical disability	1/1	100	0/1	0	0/1	0	0/1	0	1/1	100	0/1	0	1/1	100	1/1	100	0/1	0
Mental health or develop. disability	6/9	67	2/9	22	0/9	0	11/20	55	7/20	35	6/19	32	15/20	75	5/20	25	10/20	50
Another disability or condition	0/0		0/0		0/0		2/3	67	0/3	0	1/3	33	3/3	100	0/3	0	2/3	67
Multiple types of disab. or cond.	7/7	100	2/7	29	1/7	14	10/14	71	5/14	36	5/14	36	10/14	71	4/14	29	7/14	50
No disability or condition	75/97	77	8/97	8	5/95	5	63/95	66	25/95	26	36/95	38	64/95	67	23/95	24	61/95	64
I prefer not to respond	3/4	75	0/4	0	0/4	0	4/5	80	2/5	40	0/5	0	2/5	40	0/5	0	2/5	40
Residence																		
Not on campus	26/32	81	2/32	6	2/32	6	62/85	73	26/85	31	27/84	32	54/85	64	17/85	20	49/85	58
On campus	66/87	76	10/87	11	4/85	5	28/53	53	14/53	26	21/53	40	41/53	77	16/53	30	33/53	62
Athlete status						0				0								
Not an athlete	76/100	76	11/100	11	6/98	6	82/127	65	35/127	28	45/126	36	86/127	68	32/127	25	73/127	57
Student-athlete	16/19	84	1/19	5	0/19	0	8/11	73	5/11	45	3/11	27	9/11	82	1/11	9	9/11	82
Greek membership																		
Not a member	73/92	79	9/92	10	4/91	4	51/81	63	18/81	22	25/80	31	48/81	59	17/81	21	46/81	57
Member	18/25	72	3/25	12	2/24	8	39/57	68	22/57	39	23/57	40	47/57	82	16/57	28	36/57	63
Military status																		
No military service	89/115	77	12/115	10	6/113	5	89/137	65	40/137	29	48/136	35	95/137	69	33/137	24	82/137	60
Current or former military service	0/0		0/0		0/0		1/1	100	0/1	0	0/1	0	0/1	0	0/1	0	0/1	0
Satisfaction^e																		
Fair or poor	10/17	59	2/17	12	1/16	6	11/23	48	4/23	17	7/23	30	12/23	52	1/23	4	13/23	57
Good or excellent	83/104	80	11/105	10	5/104	5	80/116	69	36/116	31	42/115	37	83/116	72	32/116	28	70/116	60
Overall	95/123	77	13/124	10	6/122	5	91/140	64	40/140	27	49/139	35	95/140	68	33/140	24	83/140	61

Notes: Results are of those responding "done or in progress" except for service-learning which is the percentage responding that at least "some" courses included a community-based project. Results are unweighted, except for overall percentages which are weighted by sex and enrollment status. Percentages are within-group and can be read, for example, "X% of business major respondents participated in a learning community."

a. NSSE's default categories, based on first major if more than one was reported. Customizable major categories are available in your NSSE Tableau dashboards and Report Builder (released in the fall). Excludes majors categorized as "all other."

b. Institution-reported variable.

c. No parent, guardian, or person who raised you holds a bachelor's degree.

d. Select-all-that-apply item; students may be represented in more than one category.

e. Based on responses to "How would you evaluate your entire educational experience at this institution?"