
NSSE 2024

High-Impact Practices

University of New Hampshire at Durham

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.

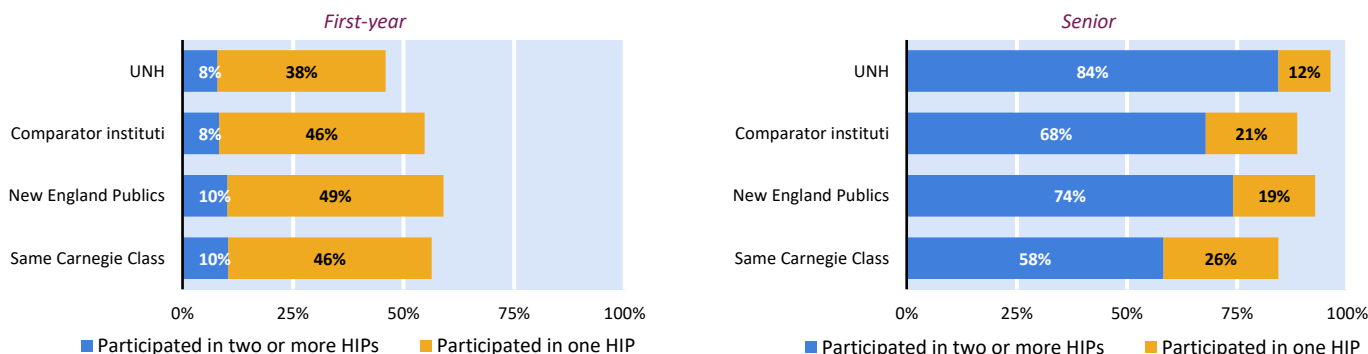
Kuh, G. D. (2008). *High-impact educational practices: What they are, who has access to them, and why they matter*. Association of American Colleges and Universities.

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:

	UNH	Comparator instituti				New England Publics				Same Carnegie Class			
	%	Difference ^a		ES ^b		Difference ^a		ES ^b		Difference ^a		ES ^b	
First-year													
Service-Learning	38	-10	*	-.21		-15	**	-.29		-12	**	-.24	
Learning Community	8	-3		-.10		-4		-.14		-4		-.13	
Research with Faculty	8	+3		.12		+2		.09		+1		.04	
Participated in at least one	46	-9	*	-.18		-13	**	-.26		-10	**	-.21	
Participated in two or more	8	-0		-.01		-2		-.08		-2		-.08	
Senior													
Service-Learning	52	+0		.00		-9	*	-.19		-3		-.06	
Learning Community	24	+0		.01		-3		-.06		+1		.03	
Research with Faculty	40	+9		.19		+5		.10		+16		.33	
Internship or Field Exp.	70	+11	**	.23		+7		.16		+21	***	.42	
Study Abroad	24	+7	*	.19		+9	*	.22		+10	**	.27	
Culminating Senior Exp.	83	+29	***	.63		+27	***	.60		+41	***	.89	
Participated in at least one	96	+8	***	.30		+3		.15		+12	***	.42	
Participated in two or more	84	+17	***	.39		+10	**	.26		+26	***	.59	

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).

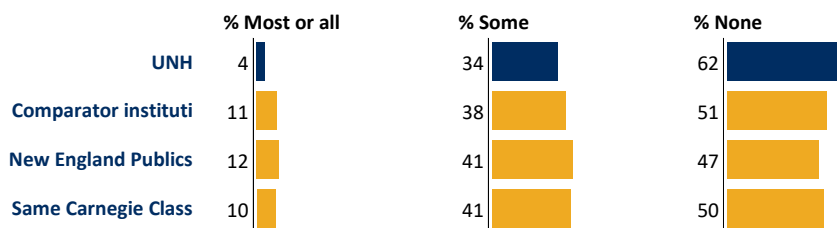
p* < .05, *p* < .01, ****p* < .001 (z-test comparing participation rates).

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. Results are unweighted, except for overall percentages which are weighted by sex and enrollment status.

First-year students

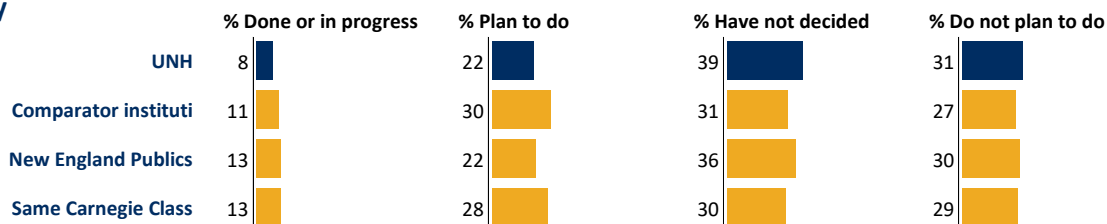
Service-Learning

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



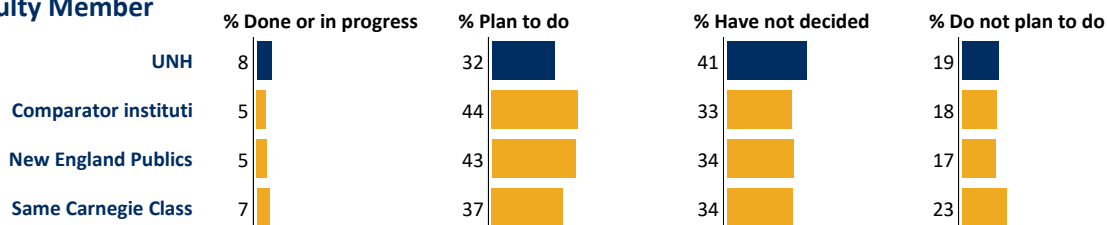
Learning Community

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.



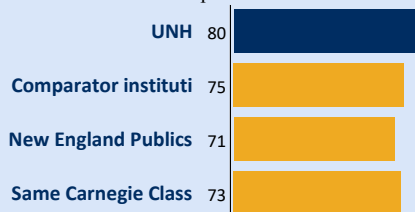
Plans to Participate^a

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"

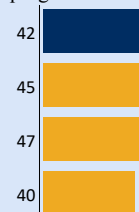
Internship or Field Experience

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



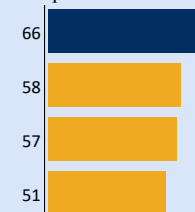
Study Abroad

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.).



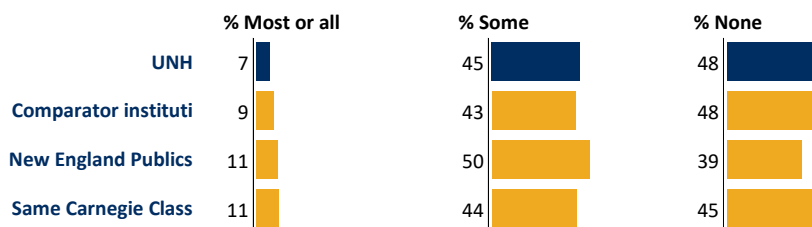
a. Refer to your *Frequencies and Statistical Comparisons* for details on the other response options.

Note: Results are unweighted, except for overall percentages which are weighted by sex and enrollment status.

Seniors

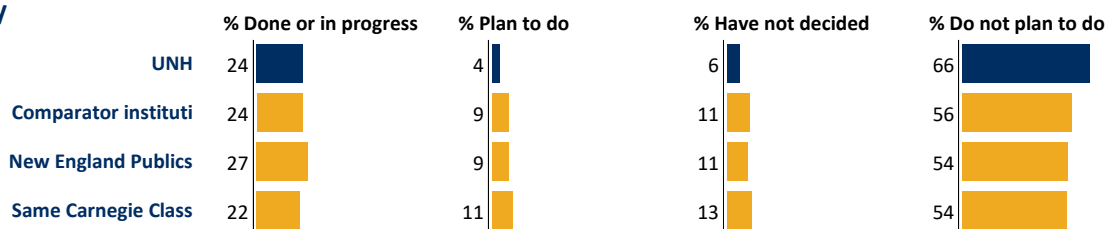
Service-Learning

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



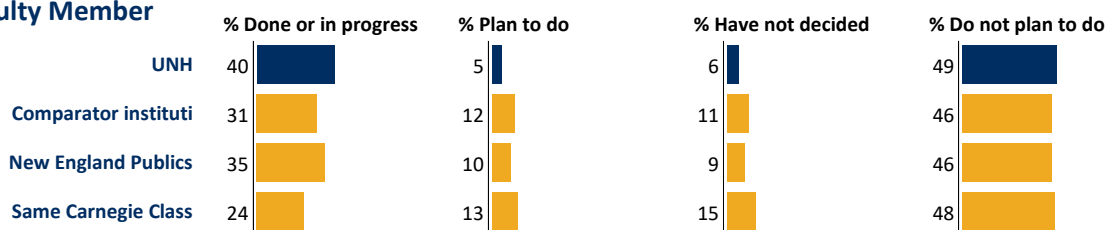
Learning Community

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



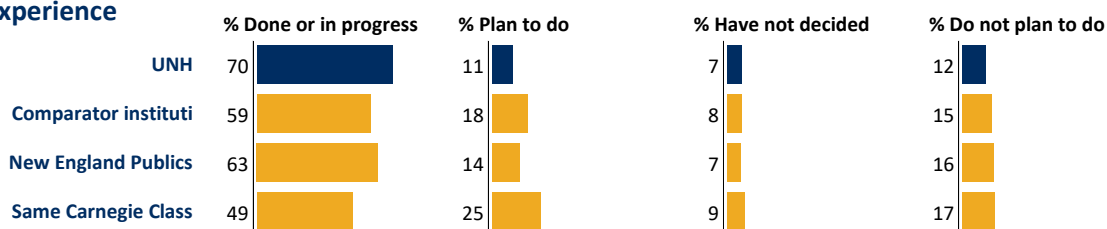
Research with a Faculty Member

Work with a faculty member on a research project.



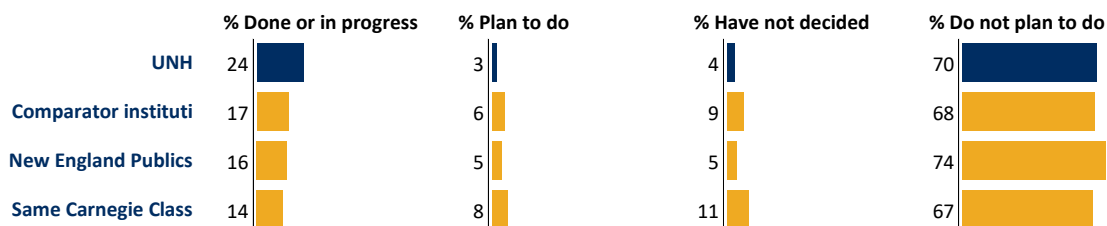
Internship or Field Experience

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



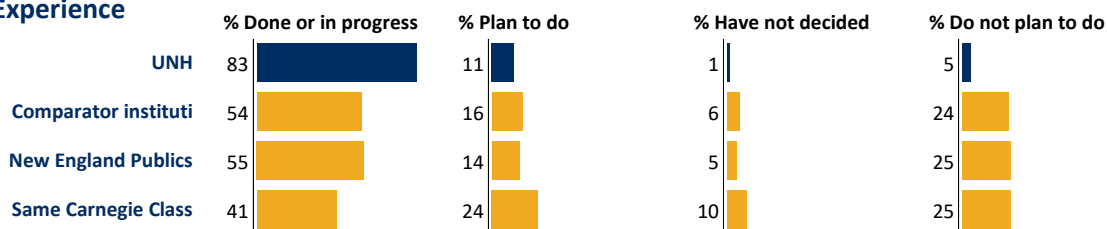
Study Abroad

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.).



Note: Results are unweighted, except for overall percentages which are weighted by sex and enrollment status.

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	7/10	70	0/10	0	0/10	0	6/11	55	0/11	0	7/11	64	4/11	36	3/11	27	9/11	82
Bio. sci., agric., and natural res.	9/26	35	5/27	19	2/27	7	20/42	48	10/42	24	23/42	55	32/42	76	15/42	36	34/42	81
Physical sci., math, computer sci.	2/9	22	0/9	0	1/9	11	0/6	0	1/6	17	3/6	50	4/6	67	1/6	17	6/6	100
Social sciences	5/22	23	0/22	0	2/22	9	10/26	38	3/26	12	11/26	42	17/26	65	7/26	27	23/26	88
Business	8/18	44	1/18	6	0/18	0	25/39	64	13/39	33	13/39	33	28/39	72	9/39	23	34/39	87
Communications, media, public rel.	0/2	0	0/2	0	0/0	0	1/2	50	0/0	0	1/2	50	2/2	100	2/2	100	2/2	100
Education	3/5	60	2/5	40	0/5	0	3/5	60	3/5	60	2/5	40	5/5	100	2/5	40	5/5	100
Engineering	3/14	21	2/14	14	2/14	14	5/16	31	6/16	38	10/16	63	13/16	81	2/16	13	14/16	88
Health professions	12/31	39	2/31	6	1/31	3	20/25	80	10/25	40	4/25	16	16/25	64	3/25	12	17/25	68
Social service professions	5/7	71	1/7	14	2/7	29	4/5	80	3/5	60	0/5	0	4/5	80	1/5	20	4/5	80
Undecided/undeclared	2/2	100	1/2	50	0/2	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	58/146	40	14/147	10	11/147	7	86/153	56	47/153	31	63/153	41	115/153	75	43/153	28	129/152	85
Started elsewhere	1/4	25	0/4	0	0/4	0	14/29	48	4/29	14	11/29	38	17/29	59	3/29	10	21/29	72
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		2/2	100	0/2	0	0/2	0	0/2	0	0/2	0	1/2	50
Full-time	63/158	40	14/160	9	11/160	7	101/186	54	51/186	27	76/186	41	135/186	73	47/186	25	152/185	82
First-generation ^c	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Continuing generation	43/114	38	9/114	8	7/114	6	75/138	54	41/138	30	52/138	38	100/138	72	35/138	25	114/137	83
First-generation	13/32	41	5/33	15	4/33	12	25/41	61	10/41	24	21/41	51	31/41	76	11/41	27	33/41	80
I prefer not to respond	3/3	100	0/3	0	0/3	0	0/2	0	0/2	0	0/2	0	0/2	0	0/2	0	2/2	100
Race/ethnicity ^d	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Asian	0/8	0	1/8	13	1/8	13	11/14	79	7/14	50	6/14	43	14/14	100	5/14	36	10/14	71
Black or African American	1/5	20	0/5	0	1/5	20	1/2	50	0/2	0	0/2	0	1/2	50	0/2	0	1/2	50
Hispanic, Latina/o, Latine, or Latinx	3/8	38	1/8	13	0/8	0	4/9	44	4/9	44	7/9	78	7/9	78	2/9	22	8/9	89
Indigenous, American Indian, etc.	1/2	50	0/2	0	0/2	0	1/1	100	1/1	100	0/1	0	1/1	100	0/1	0	1/1	100
Middle Eastern or North African	0/2	0	1/2	50	1/2	50	0/0		0/0		0/0		0/0		0/0		0/0	
Native Hawaiian or Pacific Islander	0/1	0	0/1	0	0/1	0	0/1	0	0/1	0	0/1	0	1/1	100	0/1	0	1/1	100
White	58/137	42	12/138	9	7/138	5	88/162	54	45/162	28	64/162	40	118/162	73	38/162	23	138/161	86
Another race or ethnicity	1/3	33	0/3	0	1/3	33	0/0		0/0		0/0		0/0		0/0		0/0	
I prefer not to respond	0/1	0	1/1	100	1/1	100	3/6	50	2/6	33	2/6	33	2/6	33	2/6	33	4/6	67

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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	
International status	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Not an international student	56/146	38	14/147	10	11/147	7	99/181	55	51/181	28	73/181	40	131/181	72	46/181	25	150/180	83
International student	2/2	100	0/2	0	0/2	0	1/1	100	0/1	0	1/1	100	1/1	100	0/1	0	0/1	0
Gender identity ^d	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Woman	38/91	42	9/92	10	4/92	4	80/131	61	46/131	35	53/131	40	98/131	75	33/131	25	107/130	82
Man	17/48	35	3/48	6	5/48	10	18/44	41	5/44	11	17/44	39	29/44	66	10/44	23	37/44	84
Trans/Transgender	1/6	17	0/6	0	0/6	0	2/3	67	0/3	0	2/3	67	1/3	33	1/3	33	3/3	100
Agender or gender neutral	1/3	33	0/3	0	0/3	0	0/0		0/0		0/0		0/0		0/0		0/0	
Demigender	1/2	50	0/2	0	0/2	0	0/0		0/0		0/0		0/0		0/0		0/0	
Genderqueer, non-binary, etc.	1/9	11	0/9	0	0/9	0	1/4	25	0/4	0	2/4	50	2/4	50	1/4	25	4/4	100
Two-spirit	0/0		0/0		0/0		0/0		0/0		0/0		0/0		0/0		0/0	
Cis/Cisgender	6/11	55	0/11	0	1/11	9	11/21	52	5/21	24	10/21	48	16/21	76	7/21	33	17/21	81
Questioning or unsure	1/2	50	1/2	50	0/2	0	1/4	25	0/4	0	2/4	50	3/4	75	2/4	50	4/4	100
Another gender identity	0/2	0	0/2	0	0/2	0	0/1	0	0/1	0	0/1	0	0/1	0	1/1	100	0/1	0
I prefer not to respond	1/2	50	1/2	50	1/2	50	1/2	50	0/2	0	1/2	50	1/2	50	0/2	0	2/2	100
Sexual orientation ^d	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Straight or heterosexual	40/90	44	10/90	11	3/90	3	81/138	59	41/138	30	52/138	38	102/138	74	36/138	26	112/137	82
Bisexual	13/37	35	3/38	8	4/38	11	13/28	46	8/28	29	15/28	54	21/28	75	6/28	21	22/28	79
Lesbian	2/7	29	0/7	0	0/7	0	4/6	67	1/6	17	4/6	67	4/6	67	2/6	33	6/6	100
Gay	3/5	60	0/5	0	1/5	20	4/4	100	2/4	50	1/4	25	4/4	100	1/4	25	4/4	100
Queer	5/8	63	1/8	13	0/8	0	6/10	60	2/10	20	7/10	70	7/10	70	3/10	30	9/10	90
Pansexual or polysexual	2/8	25	1/8	13	1/8	13	3/6	50	1/6	17	3/6	50	4/6	67	4/6	67	5/6	83
Ace, gray, or asexual	0/3	0	0/3	0	1/3	33	3/4	75	1/4	25	2/4	50	2/4	50	1/4	25	3/4	75
Demisexual	1/4	25	0/4	0	0/4	0	5/6	83	2/6	33	5/6	83	4/6	67	3/6	50	5/6	83
Questioning or unsure	1/5	20	0/5	0	1/5	20	3/5	60	1/5	20	2/5	40	4/5	80	3/5	60	3/4	75
Another sexual orientation	0/0		0/0		0/0		0/0		0/0		0/0		0/0		0/0		0/0	
I prefer not to respond	2/6	33	2/6	33	1/6	17	1/4	25	0/4	0	3/4	75	2/4	50	1/4	25	4/4	100
Age ^b	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
FY 21+, Seniors 25+	0/0		0/0		0/0		4/10	40	1/10	10	4/10	40	4/10	40	2/10	20	6/10	60
FY < 21, Seniors < 25	63/158	40	14/160	9	11/160	7	99/178	56	50/178	28	72/178	40	131/178	74	45/178	25	147/177	83

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Disability status ^d	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Sensory disability	1/1	100	1/1	100	0/1	0	0/0		0/0		0/0		0/0		0/0		0/0	
Physical disability	0/5	0	0/5	0	0/5	0	0/8	0	0/8	0	0/8	0	1/1	100	0/8	0	1/1	100
Mental health or develop. disability	8/25	32	2/25	8	3/25	12	18/34	53	9/34	26	12/34	35	22/34	65	5/34	15	26/33	79
Another disability or condition	0/0		0/0		0/0		2/3	67	0/0		3/3	100	2/3	67	1/3	33	3/3	100
Multiple types of disab. or cond.	6/13	46	0/13	0	1/13	8	8/18	44	5/18	28	9/18	50	11/18	61	7/18	39	15/18	83
No disability or condition	38/99	38	9/100	9	6/100	6	66/116	57	33/116	28	45/116	39	88/116	76	31/116	27	97/116	84
I prefer not to respond	3/5	60	2/5	40	1/5	20	5/8	63	4/8	50	3/8	38	6/8	75	1/8	13	7/8	88
Residence	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Not on campus	3/10	30	1/10	10	1/10	10	66/114	58	28/114	25	38/114	33	79/114	69	24/114	21	95/113	84
On campus	54/136	40	13/137	9	10/137	7	34/67	51	22/67	33	35/67	52	52/67	78	22/67	33	54/67	81
Athlete status	N/total	%	N/total	%	N/total	0	N/total	%	N/total	0	N/total	%	N/total	%	N/total	%	N/total	%
Not an athlete	52/138	38	13/139	9	11/139	8	92/171	54	47/171	27	68/171	40	122/171	71	45/171	26	141/170	83
Student-athlete	4/7	57	1/7	14	0/7	0	7/10	70	3/10	30	5/10	50	9/10	90	1/10	10	8/10	80
Greek membership	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Not a member	51/131	39	14/132	11	8/132	6	77/144	53	35/144	24	60/144	42	100/144	69	34/144	24	121/144	84
Member	5/12	42	0/12	0	1/12	8	22/36	61	16/36	44	14/36	39	30/36	83	12/36	33	27/35	77
Military status	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
No military service	56/142	39	13/143	9	10/143	7	99/180	55	51/180	28	73/180	41	131/180	73	45/180	25	148/179	83
Current or former military service	1/4	25	1/4	25	1/4	25	1/2	50	0/2	0	1/2	50	1/2	50	1/2	50	2/2	100
Satisfaction ^e	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%	N/total	%
Fair or poor	14/28	50	3/29	10	3/29	10	7/19	37	2/19	11	5/19	26	13/19	68	3/19	16	18/19	95
Good or excellent	47/124	38	11/124	9	8/124	6	92/164	56	48/164	29	69/164	42	118/164	72	43/164	26	131/163	80
Overall	63/158	38	14/160	8	11/160	8	103/188	52	51/188	24	76/188	40	135/188	70	47/188	24	153/187	83

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 if applicable. 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?"