



NSSE 2022

Multi-Year Report

University of New Hampshire at Durham

About Your Multi-Year Report

For institutions participating in multiple NSSE administrations since 2013, the year of the last survey update, this report presents year-to-year results for Engagement Indicators (EIs), High-Impact Practices (HIPs), and key academic challenge items to illustrate patterns of change or stability. It also provides details such as numbers of respondents, standard deviations, and standard errors so that statistical tests can be calculated.

For more information and recommendations for analyzing NSSE data over time, view our webinar entitled *Recommendations for Using Multiple Years of NSSE Data*: <http://go.iu.edu/2R1r>

This report contains three main parts: (a) a page that provides a quick reference to important information about each year's administration, (b) multi-year figures, and (c) detailed statistics. Key terms and features are illustrated below.

Report sections

Administration Summaries (p. 3)	A summary of respondent counts, response rates, sampling errors, and administration details for each participation year.
Engagement Results by Theme (pp. 4-7)	Results for ten EIs and selected individual survey items are displayed, organized under four broad themes. The Academic Challenge theme is represented by four EIs as well as several individual items. The three remaining engagement themes (Learning with Peers, Experiences with Faculty, and Campus Environment) are each represented by two EIs.
High-Impact Practices (pp. 8-9)	Results for six HIPs are displayed. First-year student results indicate students who participated in service-learning, a learning community, and research with faculty, and who <i>planned to do</i> an internship or field experience, study abroad, and a culminating senior experience. Senior results indicate students who participated in all six.
Detailed Statistics (pp. 10-13)	Displays detailed information for results including counts, standard errors, and confidence intervals (CIs) for each measure.

Interpreting year-to-year results

When examining year-to-year results, you may wonder whether observed differences signify meaningful change and whether a trend is indicated. Figures display CIs around each score showing the range of values that is estimated to contain the population score 95% of the time. Upper and lower CI bounds are also reported in the Detailed Statistics section.

For further investigation

The Report Builder, updated with current data in the fall, allows for multi-year analysis of Engagement Indicators and individual items (including HIPs). It also affords the analysis of results by subpopulation. The Report Builder can be accessed via the NSSE Institution Interface.

The precision of an institution's population estimates can vary between administrations. An important early step in conducting a multi-year analysis is to review data quality. The values in the tables below were drawn from your *Administration Summary* reports.

Response Details by Participation Year

First-year students						Seniors				
Year	Response rate ^a	Sampling error ^b	Total respondents ^c	Full completions	Partial completions	Response rate ^a	Sampling error ^b	Total respondents ^c	Full completions	Partial completions
2013	22%	+/- 3.6%	577	444	133	31%	+/- 3.0%	726	594	132
2014	24%	+/- 3.5%	592	472	120	30%	+/- 3.2%	661	562	99
2015	32%	+/- 2.8%	864	660	204	33%	+/- 3.0%	738	585	153
2016	28%	+/- 3.1%	706	542	164	34%	+/- 2.5%	997	845	152
2017	29%	+/- 3.2%	658	488	170	28%	+/- 2.9%	794	654	140
2018	32%	+/- 3.0%	706	602	104	29%	+/- 2.8%	862	751	111
2019	25%	+/- 3.6%	574	482	92	23%	+/- 3.2%	711	632	79
2020	28%	+/- 3.4%	587	453	134	31%	+/- 2.8%	859	730	129
2021	33%	+/- 3.2%	631	486	145	28%	+/- 3.0%	789	655	134
2022	20%	+/- 4.3%	415	292	123	22%	+/- 3.5%	601	471	130

Administration Details by Participation Year

Year	Recruitment method	Sample type	Incentives offered	Additional question sets	Report Sample identified ^d	BCSSE	FSSE
2013	Email	Census	Yes	Transferable Skills, Civic Engagement	No	No	No
2014	Email	Census	Yes	Academic Advising, Learning with Tech	No	No	No
2015	Email	Census	Yes	Academic Advising, Learning with Tech	No	No	No
2016	Email	Census	Yes	None	No	No	No
2017	Email	Census	Yes	Academic Advising, Learning with Tech	No	No	No
2018	Email	Census	Yes	Academic Advising, Inclusiv & Cult Div	No	No	No
2019	Email	Census	Yes	FY Experiences / Sr Transitions, Honors Consortium	No	No	No
2020	Email	Census	Yes	Writing Experiences, FY Experiences / Sr Transitions	No	No	No
2021	Email	Census	Yes	FY Experiences / Sr Transitions, Writing Experiences	No	No	No
2022	Email	Census	Yes	Writing Experiences, HIP Quality	No	No	No

Note: All of your institution's participation years since 2013 (the first year of the updated NSSE) are reported. Years in which your institution did not participate are blank.

a. Response rates (number of respondents divided by sample size) are adjusted for ineligibility, nondeliverable addresses, and students who were unavailable during the survey administration.

b. Sampling error gauges the precision of results based on a sample survey. It is an estimate (at the 95% confidence level) of how much results for your respondents could differ from those of the entire population of students at your institution. While data with larger sampling errors (such as +/-10%) need not be dismissed out of hand, such results should be interpreted more conservatively.

c. Count used to calculate response rates and sampling errors for each *Administration Summary* report. Includes all census-administered and randomly sampled students, regardless of "Report Sample" designation.

d. Starting in 2017, institutions had the option to flag a subset of students for exclusion from reports. Refer to your *Administration Summary* reports.

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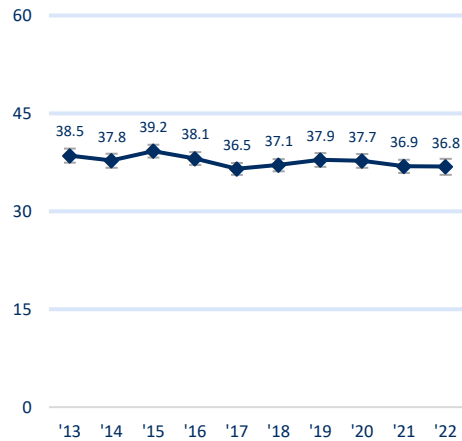
Engagement Results by Theme

University of New Hampshire at Durham

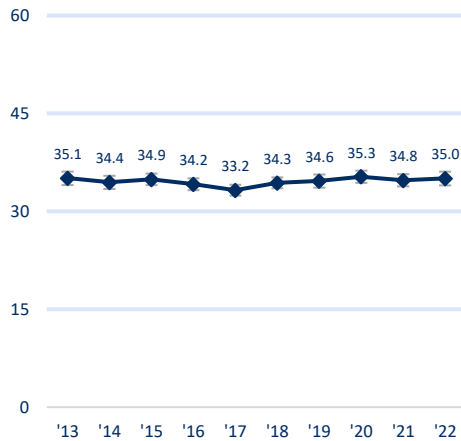
Engagement Indicators (EIs) represent the average student responses to a set of related survey questions. The Academic Challenge theme contains four EIs as well as several important individual items. See pages 10-12 for detailed statistics. For more information, including the items that make up each EI, refer to your *Engagement Indicators* report.

Academic Challenge: First-year students

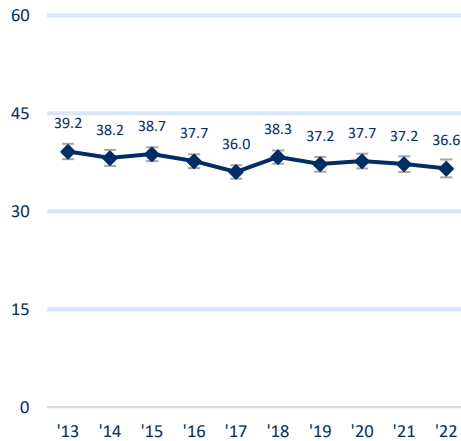
Higher-Order Learning



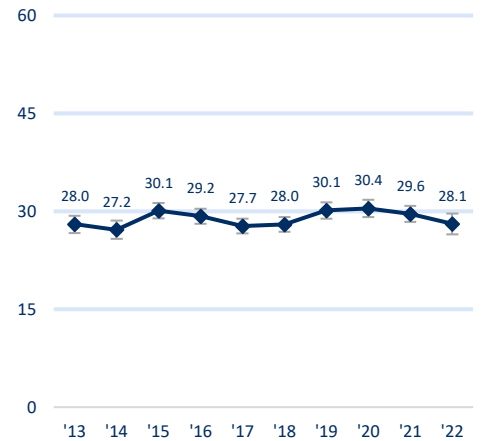
Reflective & Integrative Learning



Learning Strategies

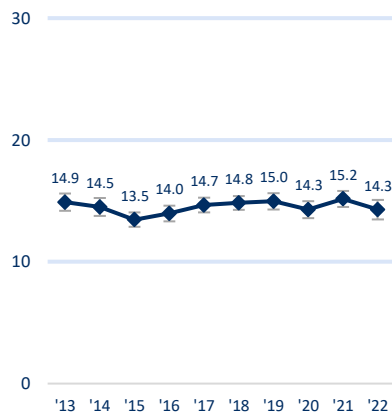


Quantitative Reasoning

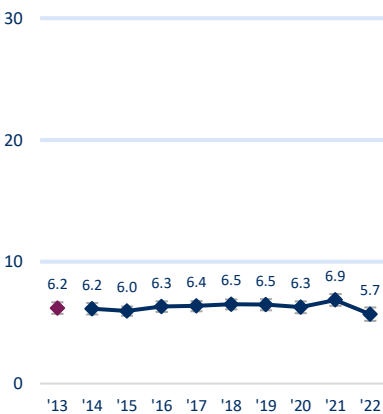


Academic Challenge (additional items): First-year students

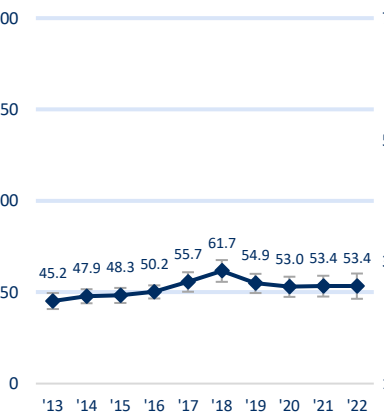
Preparing for Class (hrs/wk)



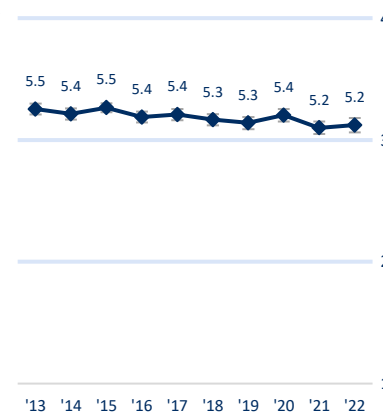
Course Reading (hrs/wk)^a



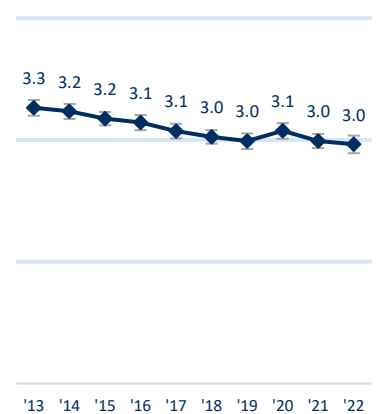
Assigned Writing (pages)^a



Course Challenge^b



Academic Emphasis^c



a. Values for Course Reading and Assigned Writing are estimates calculated from two or more survey questions. The Course Reading item changed in 2014; comparability between 2013 and later years is limited.

b. Extent to which courses challenged students to do their best work (1 = "Not at all" to 7 = "Very much").

c. How much students said the institution emphasizes spending significant time studying and on academic work (1 = "Very little," 2 = "Some," 3 = "Quite a bit," and 4 = "Very much").

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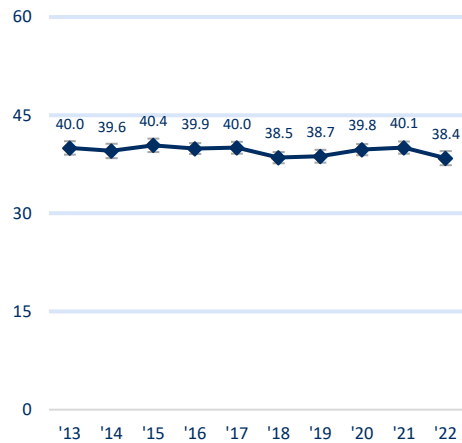
Engagement Results by Theme

University of New Hampshire at Durham

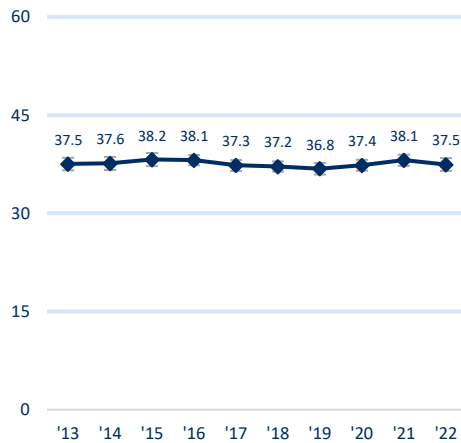
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Academic Challenge: Seniors

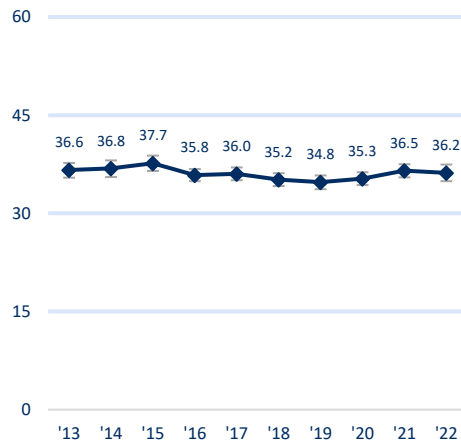
Higher-Order Learning



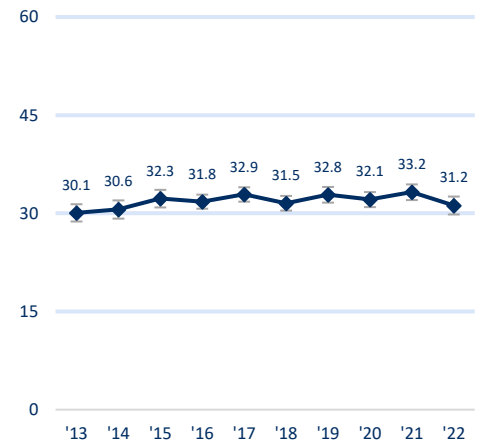
Reflective & Integrative Learning



Learning Strategies

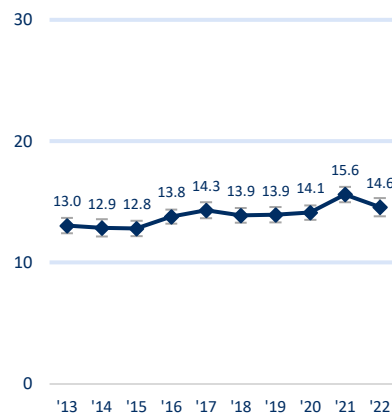


Quantitative Reasoning

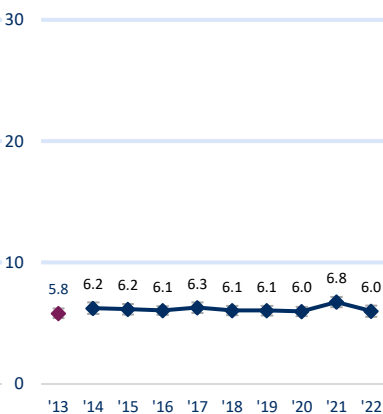


Academic Challenge (additional items): Seniors

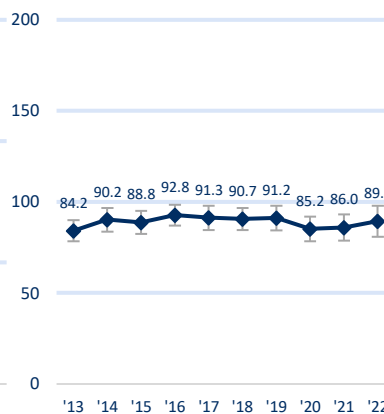
Preparing for Class (hrs/wk)



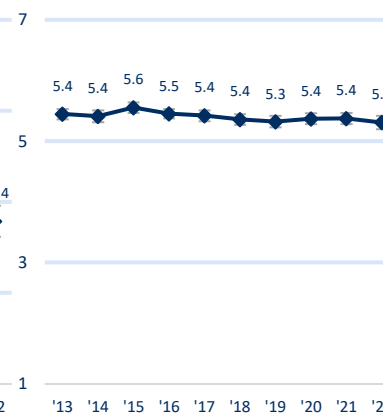
Course Reading (hrs/wk)^a



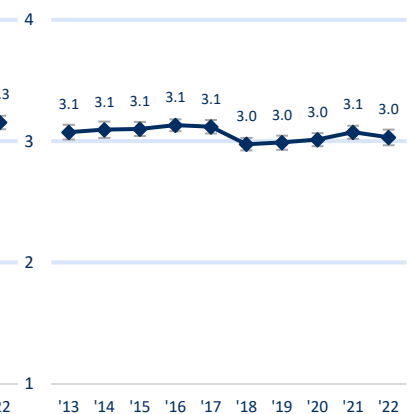
Assigned Writing (pages)^a



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Academic Emphasis^c



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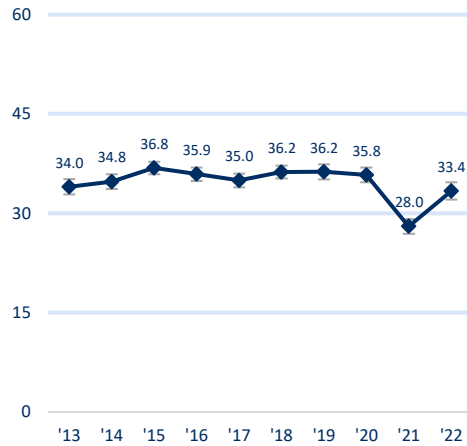
b. Extent to which courses challenged students to do their best work (1 = "Not at all" to 7 = "Very much").

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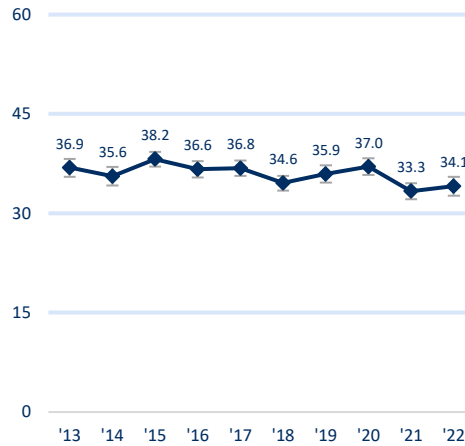
Engagement Indicators (EIs) represent the average student responses to a set of related survey questions. Each theme below is represented by two EIs. See pages 10-12 for detailed statistics. For more information, including the items that make up each EI, refer to your *Engagement Indicators* report.

Learning with Peers: First-year students

Collaborative Learning

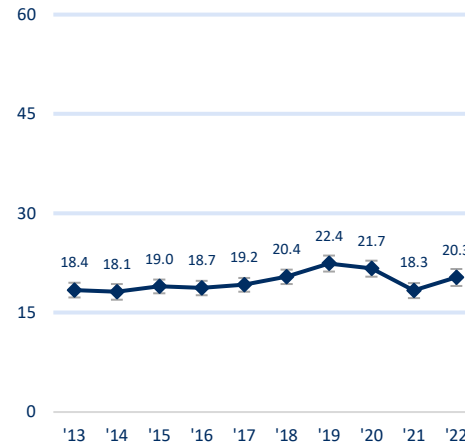


Discussions with Diverse Others

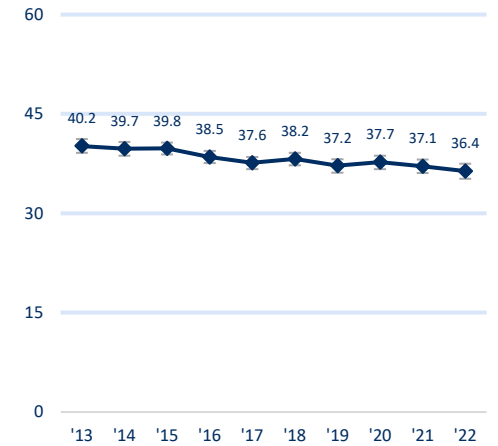


Experiences with Faculty: First-year students

Student-Faculty Interaction



Effective Teaching Practices

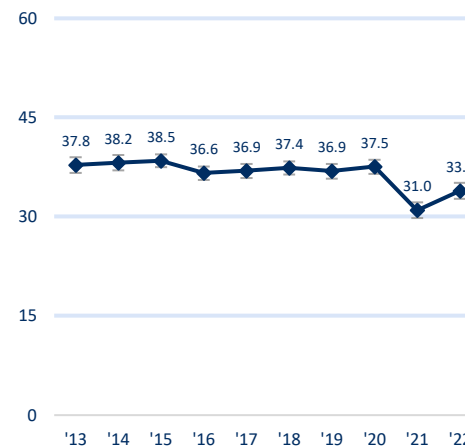


Campus Environment: First-year students

Quality of Interactions



Supportive Environment



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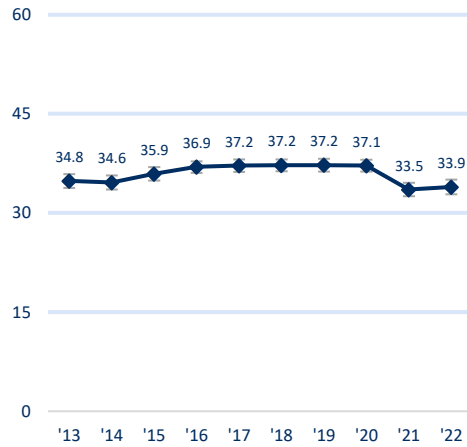
Engagement Results by Theme

University of New Hampshire at Durham

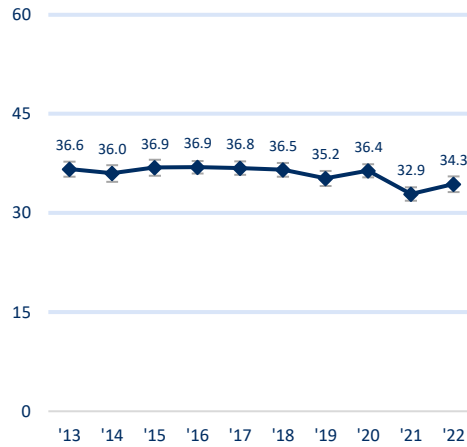
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Learning with Peers: Seniors

Collaborative Learning

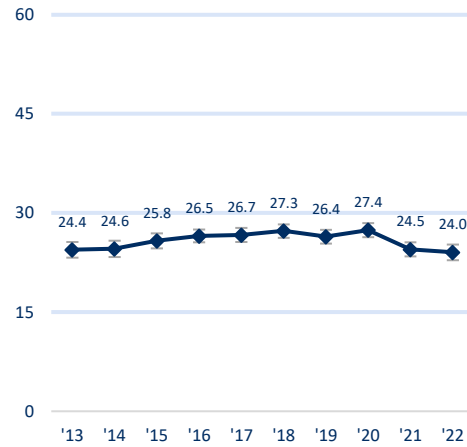


Discussions with Diverse Others

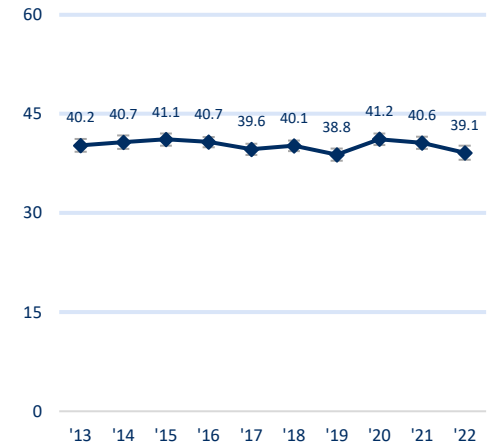


Experiences with Faculty: Seniors

Student-Faculty Interaction

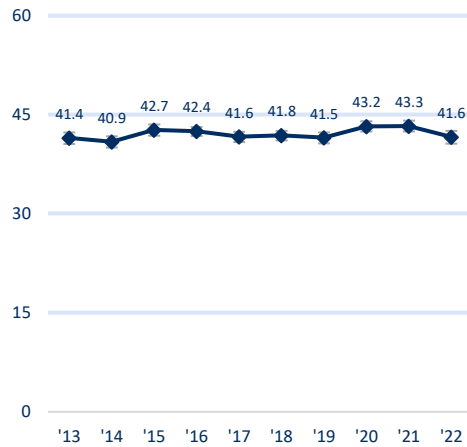


Effective Teaching Practices

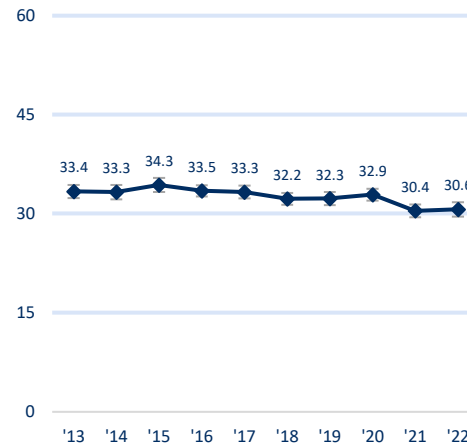


Campus Environment: Seniors

Quality of Interactions



Supportive Environment

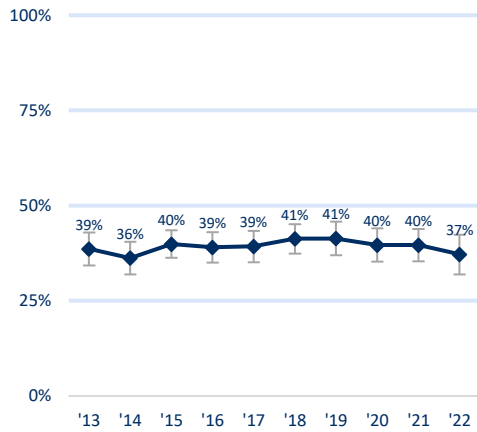


Due to their positive associations with student learning and retention, certain undergraduate opportunities are designated "high-impact." The figures below display first-year students' participation, or intent to participate, in High-Impact Practices (HIPs) by year. See page 13 for detailed statistics. For more information, refer to your *High-Impact Practices* report.

High-Impact Practices: First-year students

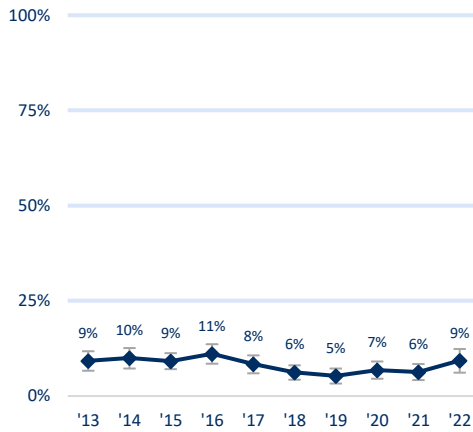
Service-Learning

(Some, most, or all courses)



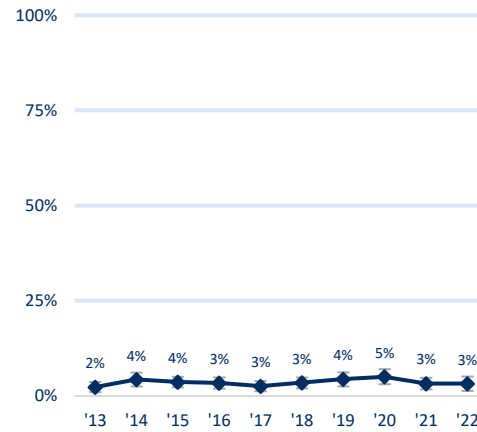
Learning Community

(Done or in progress)



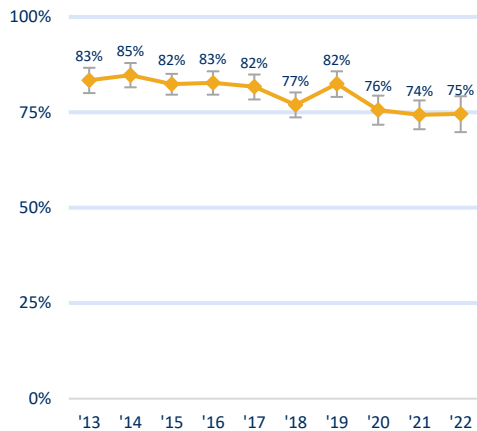
Research with Faculty

(Done or in progress)



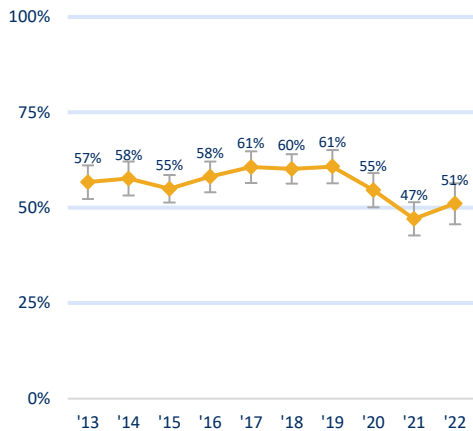
Internship/Field Experience

(Plan to do)



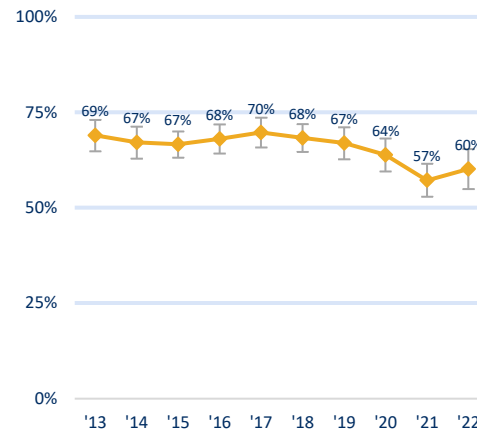
Study Abroad

(Plan to do)



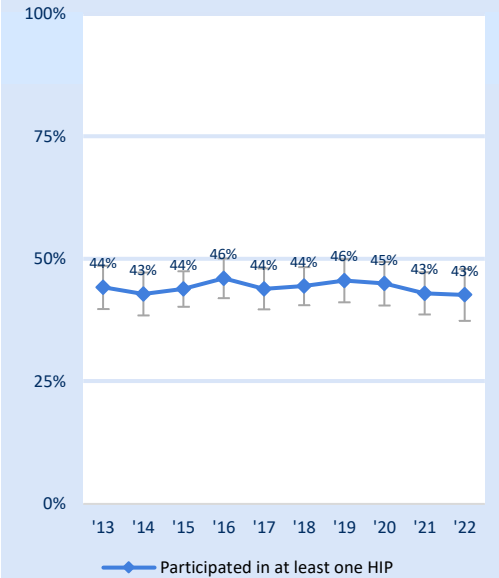
Culminating Senior Experience

(Plan to do)



Overall first-year HIP participation

The figure below displays the percentages of first-year students who participated in at least one high-impact practice. The figure is limited to participation in service-learning, a learning community, and research with faculty.

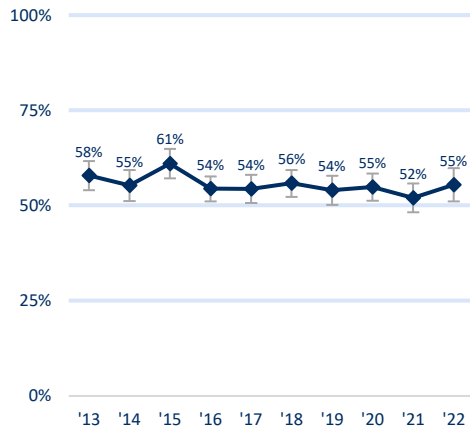


NSSE founding director George Kuh recommends that institutions aspire for all students to participate in at least two HIPs over the course of their undergraduate experience—one during the first year and one in the context of their major.

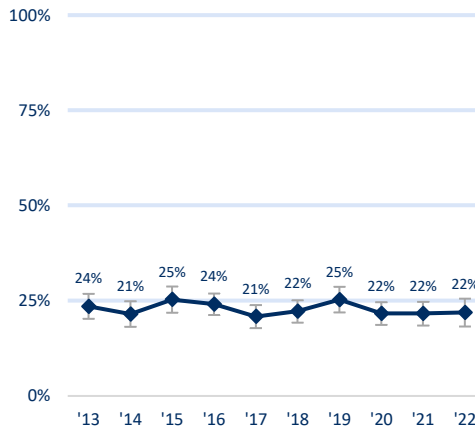
Due to their positive associations with student learning and retention, certain undergraduate opportunities are designated "high-impact." Participation in High-Impact Practices (HIPs) by year is displayed in the figures below. See page 13 for detailed statistics. For more information, refer to your *High-Impact Practices* report.

High-Impact Practices: Seniors

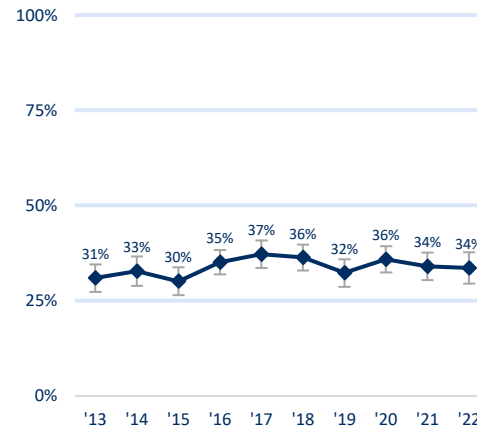
Service-Learning (Some, most, or all courses)



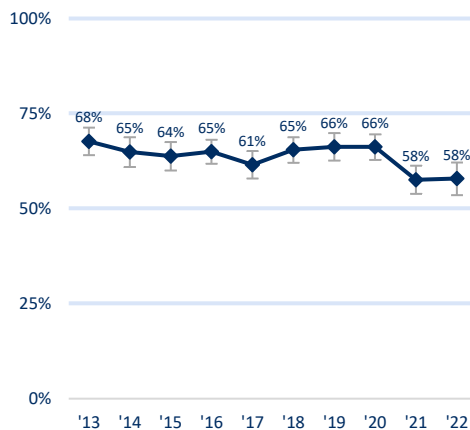
Learning Community (Done or in progress)



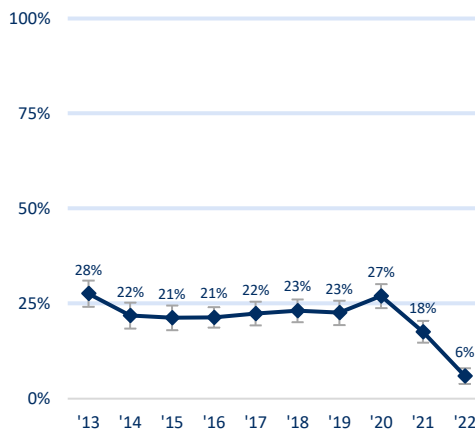
Research with Faculty (Done or in progress)



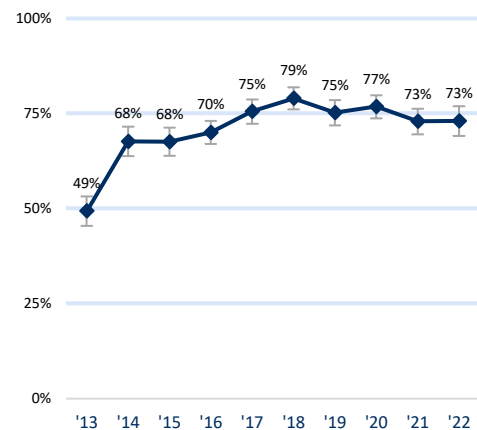
Internship/Field Experience (Done or in progress)



Study Abroad (Done or in progress)

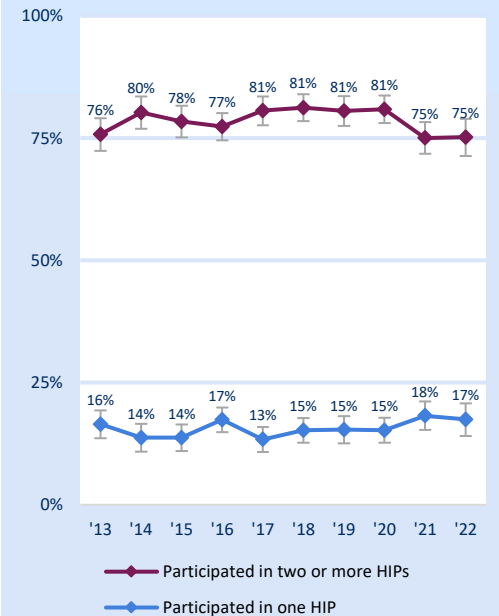


Culminating Senior Experience (Done or in progress)



Overall senior HIP participation

The figure below displays the percentages of seniors who participated in one, and two or more, high-impact practices. The figure includes all six HIPs.



NSSE founding director George Kuh recommends that institutions 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.

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Detailed Statistics: Engagement Indicators and Additional Items

University of New Hampshire at Durham

		First-year students										Seniors									
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22
Academic Challenge																					
Higher-Order Learning	<i>Mean</i>	38.5	37.8	39.2	38.1	36.5	37.1	37.9	37.7	36.9	36.8	40.0	39.6	40.4	39.9	40.0	38.5	38.7	39.8	40.1	38.4
	<i>n</i>	514	517	767	634	618	641	508	507	538	366	665	595	663	921	755	792	665	783	712	530
	<i>SD</i>	12.5	12.5	13.6	12.6	11.4	12.2	12.2	12.1	11.8	12.0	13.6	13.5	13.4	12.9	12.5	12.4	12.6	12.4	12.8	12.8
	<i>SE</i>	.55	.55	.49	.50	.46	.48	.54	.54	.51	.63	.53	.55	.52	.43	.45	.44	.49	.44	.48	.55
	<i>CI upper bound</i>	39.6	38.8	40.2	39.0	37.4	38.0	38.9	38.8	37.9	38.1	41.0	40.6	41.4	40.7	40.9	39.4	39.7	40.6	41.0	39.5
	<i>CI lower bound</i>	37.4	36.7	38.3	37.1	35.6	36.1	36.8	36.7	35.9	35.6	39.0	38.5	39.4	39.1	39.1	37.7	37.8	38.9	39.1	37.4
Reflective & Integrative Learning	<i>Mean</i>	35.1	34.4	34.9	34.2	33.2	34.3	34.6	35.3	34.8	35.0	37.5	37.6	38.2	38.1	37.3	37.2	36.8	37.4	38.1	37.5
	<i>n</i>	538	529	795	658	632	659	537	543	577	382	691	629	683	959	773	824	681	813	745	561
	<i>SD</i>	12.2	11.8	12.4	11.8	10.6	11.0	11.8	11.2	11.4	10.5	12.7	12.7	13.2	12.2	11.6	11.1	11.7	11.9	12.0	11.9
	<i>SE</i>	.53	.51	.44	.46	.42	.43	.51	.48	.47	.54	.48	.51	.50	.39	.42	.39	.45	.42	.44	.50
	<i>CI upper bound</i>	36.1	35.4	35.8	35.1	34.1	35.2	35.6	36.2	35.7	36.1	38.5	38.6	39.2	38.9	38.1	37.9	37.7	38.2	39.0	38.5
	<i>CI lower bound</i>	34.0	33.4	34.0	33.3	32.4	33.5	33.6	34.4	33.8	34.0	36.6	36.7	37.2	37.4	36.5	36.4	36.0	36.5	37.3	36.5
Learning Strategies	<i>Mean</i>	39.2	38.2	38.7	37.7	36.0	38.3	37.2	37.7	37.2	36.6	36.6	36.8	37.7	35.8	36.0	35.2	34.8	35.3	36.5	36.2
	<i>n</i>	484	479	714	571	541	620	493	488	515	336	636	553	618	871	687	766	648	754	680	502
	<i>SD</i>	13.4	13.6	14.4	13.0	12.1	12.9	12.8	12.7	13.7	12.9	14.4	15.2	14.9	14.1	13.2	13.6	13.6	13.8	13.4	14.6
	<i>SE</i>	.61	.62	.54	.54	.52	.52	.58	.58	.60	.70	.57	.65	.60	.48	.50	.49	.53	.50	.51	.65
	<i>CI upper bound</i>	40.4	39.4	39.8	38.7	37.1	39.3	38.3	38.8	38.4	37.9	37.7	38.1	38.8	36.8	37.0	36.1	35.8	36.3	37.5	37.5
	<i>CI lower bound</i>	38.0	37.0	37.7	36.6	35.0	37.3	36.1	36.6	36.1	35.2	35.5	35.6	36.5	34.9	35.1	34.2	33.7	34.3	35.5	34.9
Quantitative Reasoning	<i>Mean</i>	28.0	27.2	30.1	29.2	27.7	28.0	30.1	30.4	29.6	28.1	30.1	30.6	32.3	31.8	32.9	31.5	32.8	32.1	33.2	31.2
	<i>n</i>	526	521	770	637	609	632	495	493	516	342	677	613	669	923	745	772	650	758	686	506
	<i>SD</i>	15.6	16.3	16.4	14.9	14.3	14.4	14.3	14.9	14.1	14.9	17.6	17.8	17.5	16.6	15.5	16.0	15.5	16.1	15.9	15.8
	<i>SE</i>	.68	.71	.59	.59	.58	.57	.64	.67	.62	.81	.68	.72	.68	.55	.57	.58	.61	.58	.61	.70
	<i>CI upper bound</i>	29.3	28.6	31.3	30.4	28.9	29.1	31.4	31.8	30.8	29.6	31.4	32.0	33.6	32.8	34.0	32.7	34.0	33.3	34.4	32.6
	<i>CI lower bound</i>	26.7	25.8	28.9	28.1	26.6	26.9	28.9	29.1	28.4	26.5	28.7	29.2	30.9	30.7	31.8	30.4	31.6	31.0	32.1	29.8
Academic Challenge (additional items)																					
Preparing for Class (hours/week)	<i>Mean</i>	14.9	14.5	13.5	14.0	14.7	14.8	15.0	14.3	15.2	14.3	13.0	12.9	12.8	13.8	14.3	13.9	13.9	14.1	15.6	14.6
	<i>n</i>	450	431	666	550	501	615	485	466	499	332	602	532	592	843	661	756	640	740	664	496
	<i>SD</i>	7.7	7.9	7.7	7.6	7.0	7.2	7.6	7.7	7.5	7.4	7.9	8.4	7.8	8.6	8.6	8.5	8.1	8.3	8.3	8.4
	<i>SE</i>	.36	.38	.30	.33	.31	.29	.35	.36	.33	.41	.32	.36	.32	.30	.33	.31	.32	.31	.32	.38
	<i>CI upper bound</i>	15.6	15.2	14.1	14.6	15.3	15.4	15.6	15.0	15.8	15.1	13.7	13.6	13.4	14.4	15.0	14.5	14.6	14.7	16.2	15.3
	<i>CI lower bound</i>	14.2	13.8	12.9	13.3	14.1	14.3	14.3	13.6	14.5	13.5	12.4	12.1	12.2	13.2	13.7	13.3	13.3	13.5	15.0	13.8
Course Reading Est. hrs per wk calculated from two items. Item wording changed in 2014; comparability with '13 is limited.	<i>Mean</i>	6.2	6.2	6.0	6.3	6.4	6.5	6.5	6.3	6.9	5.7	5.8	6.2	6.2	6.1	6.3	6.1	6.1	6.0	6.8	6.0
	<i>n</i>	451	420	650	545	496	612	483	461	496	327	598	526	580	840	656	749	633	734	660	496
	<i>SD</i>	5.1	4.9	5.0	5.1	4.7	5.2	5.1	5.4	5.6	5.1	4.8	5.6	5.2	5.3	5.6	5.3	5.0	5.2	5.5	5.3
	<i>SE</i>	.24	.24	.19	.22	.21	.21	.23	.25	.25	.28	.20	.25	.22	.18	.22	.19	.20	.19	.22	.24
	<i>CI upper bound</i>	6.7	6.6	6.3	6.8	6.8	6.9	6.9	6.8	7.4	6.3	6.2	6.7	6.6	6.4	6.7	6.4	6.4	6.4	7.2	6.5
	<i>CI lower bound</i>	5.7	5.7	5.6	5.9	6.0	6.1	6.0	5.8	6.4	5.2	5.4	5.8	5.7	5.7	5.9	5.7	5.7	5.6	6.3	5.5

Notes: n = Number of respondents; SD = Standard deviation; SE = Standard error of the mean; upper and lower bounds represent the 95% confidence interval (mean +/- 1.96 * SE).

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Detailed Statistics: Engagement Indicators and Additional Items

University of New Hampshire at Durham

		First-year students										Seniors									
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22
<i>Academic Challenge (additional items, continued)</i>																					
Assigned Writing	<i>Mean</i>	45.2	47.9	48.3	50.2	55.7	61.7	54.9	53.0	53.4	53.4	84.2	90.2	88.8	92.8	91.3	90.7	91.2	85.2	86.0	89.4
Estimated number of pages calculated from three survey questions.	<i>n</i>	457	459	681	564	549	633	497	498	518	341	599	531	594	853	694	765	654	757	684	507
	<i>SD</i>	47.6	42.9	55.3	43.0	64.1	76.8	60.0	62.6	66.1	65.8	72.0	76.8	78.8	84.4	89.0	85.5	88.4	94.7	96.8	98.3
	<i>SE</i>	2.23	2.00	2.12	1.81	2.74	3.05	2.69	2.80	2.90	3.56	2.94	3.33	3.23	2.89	3.38	3.09	3.46	3.44	3.70	4.37
	<i>CI upper bound</i>	49.6	51.8	52.4	53.7	61.0	67.7	60.2	58.5	59.1	60.4	90.0	96.8	95.1	98.4	97.9	96.7	98.0	91.9	93.2	97.9
	<i>CI lower bound</i>	40.9	44.0	44.1	46.7	50.3	55.8	49.6	47.5	47.7	46.4	78.4	83.7	82.4	87.1	84.7	84.6	84.5	78.4	78.7	80.8
Course Challenge	<i>Mean</i>	5.5	5.4	5.5	5.4	5.4	5.3	5.3	5.4	5.2	5.2	5.4	5.4	5.6	5.5	5.4	5.4	5.3	5.4	5.4	5.3
Extent to which courses challenged students to do best work (1="Not at all" to 7="Very much").	<i>n</i>	492	487	730	579	537	622	496	485	513	338	643	563	613	877	689	769	650	750	678	502
	<i>SD</i>	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.1	1.1	1.2	1.3	1.3	1.2	1.2	1.3
	<i>SE</i>	.04	.05	.04	.05	.05	.05	.05	.05	.05	.06	.04	.05	.04	.04	.05	.05	.05	.05	.05	.06
	<i>CI upper bound</i>	5.6	5.5	5.6	5.5	5.5	5.4	5.4	5.5	5.3	5.4	5.5	5.5	5.6	5.5	5.5	5.4	5.4	5.5	5.5	5.4
	<i>CI lower bound</i>	5.4	5.3	5.5	5.3	5.3	5.2	5.2	5.3	5.1	5.1	5.4	5.3	5.5	5.4	5.3	5.3	5.2	5.3	5.3	5.2
Academic Emphasis	<i>Mean</i>	3.3	3.2	3.2	3.1	3.1	3.0	3.0	3.1	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.1	3.0
Perceived inst'l emphasis on spending significant time studying and on academic work (1 = "Very little" to 4 = "Very much").	<i>n</i>	455	441	673	558	509	616	483	474	507	332	605	530	592	851	667	760	643	742	670	498
	<i>SD</i>	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	<i>SE</i>	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
	<i>CI upper bound</i>	3.3	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.0	3.0	3.1	3.2	3.2	3.2	3.2	3.0	3.0	3.1	3.1	3.1
	<i>CI lower bound</i>	3.2	3.2	3.1	3.1	3.0	3.0	2.9	3.0	2.9	2.9	3.0	3.0	3.0	3.1	3.1	2.9	2.9	3.0	3.0	3.0
<i>Learning with Peers</i>																					
Collaborative Learning	<i>Mean</i>	34.0	34.8	36.8	35.9	35.0	36.2	36.2	35.8	28.0	33.4	34.8	34.6	35.9	36.9	37.2	37.2	37.2	37.1	33.5	33.9
	<i>n</i>	544	542	811	670	641	683	556	570	611	408	688	627	692	957	778	841	697	834	773	588
	<i>SD</i>	13.8	13.1	13.7	13.5	13.3	12.9	13.7	13.4	14.0	13.6	13.8	13.8	13.7	13.6	13.2	13.2	13.1	13.3	14.4	13.6
	<i>SE</i>	.59	.56	.48	.52	.53	.49	.58	.56	.56	.67	.53	.55	.52	.44	.47	.46	.50	.46	.52	.56
	<i>CI upper bound</i>	35.2	35.9	37.8	36.9	36.0	37.2	37.4	36.9	29.1	34.7	35.9	35.7	36.9	37.8	38.1	38.1	38.2	38.0	34.5	35.0
	<i>CI lower bound</i>	32.8	33.7	35.9	34.9	33.9	35.3	35.1	34.7	26.9	32.1	33.8	33.5	34.9	36.1	36.2	36.3	36.3	36.2	32.5	32.8
Discussions with Diverse Others	<i>Mean</i>	36.9	35.6	38.2	36.6	36.8	34.6	35.9	37.0	33.3	34.1	36.6	36.0	36.9	36.9	36.8	36.5	35.2	36.4	32.9	34.3
	<i>n</i>	487	485	727	578	539	628	498	490	517	337	642	564	620	876	691	763	654	757	683	503
	<i>SD</i>	15.3	15.5	15.3	15.0	13.7	14.1	14.8	14.2	14.0	13.3	14.7	15.1	15.5	14.4	13.5	14.6	14.8	14.1	13.7	13.7
	<i>SE</i>	.69	.71	.57	.63	.59	.56	.66	.64	.62	.73	.58	.64	.62	.49	.51	.53	.58	.51	.52	.61
	<i>CI upper bound</i>	38.2	37.0	39.3	37.9	38.0	35.7	37.3	38.3	34.6	35.5	37.7	37.2	38.1	37.9	37.8	37.6	36.4	37.4	33.9	35.5
	<i>CI lower bound</i>	35.5	34.2	37.1	35.4	35.6	33.4	34.6	35.8	32.1	32.7	35.5	34.7	35.6	36.0	35.8	35.5	34.1	35.4	31.8	33.1

Notes: n = Number of respondents; SD = Standard deviation; SE = Standard error of the mean; upper and lower bounds represent the 95% confidence interval (mean +/- 1.96 * SE).

NSSE 2022 Multi-Year Report

Detailed Statistics: Engagement Indicators and Additional Items

University of New Hampshire at Durham

		First-year students										Seniors									
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22
<i>Experiences with Faculty</i>																					
Student-Faculty Interaction	<i>Mean</i>	18.4	18.1	19.0	18.7	19.2	20.4	22.4	21.7	18.3	20.3	24.4	24.6	25.8	26.5	26.7	27.3	26.4	27.4	24.5	24.0
	<i>n</i>	529	520	773	632	621	645	523	519	567	369	679	610	670	935	762	800	670	794	731	551
	<i>SD</i>	13.0	13.5	14.6	13.9	13.2	14.0	14.3	14.0	13.8	12.6	15.8	15.5	15.1	15.3	15.0	14.8	13.8	15.2	14.6	14.3
	<i>SE</i>	.57	.59	.53	.55	.53	.55	.63	.61	.58	.65	.61	.63	.58	.50	.54	.52	.53	.54	.54	.61
	<i>CI upper bound</i>	19.5	19.3	20.0	19.8	20.2	21.5	23.6	22.9	19.5	21.6	25.6	25.8	26.9	27.5	27.7	28.3	27.5	28.5	25.6	25.2
	<i>CI lower bound</i>	17.3	17.0	17.9	17.6	18.2	19.3	21.2	20.4	17.2	19.0	23.2	23.3	24.6	25.5	25.6	26.2	25.4	26.3	23.4	22.9
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Effective Teaching Practices	<i>Mean</i>	40.2	39.7	39.8	38.5	37.6	38.2	37.2	37.7	37.1	36.4	40.2	40.7	41.1	40.7	39.6	40.1	38.8	41.2	40.6	39.1
	<i>n</i>	530	526	782	644	618	644	508	511	544	366	684	614	676	935	760	792	666	779	710	529
	<i>SD</i>	12.2	12.1	12.9	12.1	11.6	12.1	11.8	11.7	12.1	11.2	12.8	13.1	12.3	12.0	11.8	11.6	12.1	12.4	12.4	12.4
	<i>SE</i>	.53	.53	.46	.48	.47	.48	.52	.52	.52	.59	.49	.53	.47	.39	.43	.41	.47	.44	.47	.54
	<i>CI upper bound</i>	41.2	40.8	40.7	39.4	38.5	39.1	38.2	38.7	38.1	37.5	41.2	41.8	42.0	41.5	40.5	41.0	39.7	42.0	41.5	40.2
	<i>CI lower bound</i>	39.1	38.7	38.9	37.6	36.7	37.3	36.1	36.7	36.1	35.2	39.3	39.7	40.2	40.0	38.8	39.3	37.9	40.3	39.7	38.1
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<i>Campus Environment</i>																					
Quality of Interactions	<i>Mean</i>	40.9	41.0	42.1	41.6	41.2	42.9	43.3	43.1	41.3	42.8	41.4	40.9	42.7	42.4	41.6	41.8	41.5	43.2	43.3	41.6
	<i>n</i>	472	458	702	557	514	604	473	468	493	326	630	553	607	861	677	753	633	731	653	486
	<i>SD</i>	11.6	11.5	11.3	11.2	10.8	10.7	10.8	10.2	11.4	9.3	11.1	10.2	10.7	10.4	10.3	10.1	10.4	10.6	10.8	10.9
	<i>SE</i>	.53	.54	.43	.48	.47	.44	.50	.47	.51	.51	.44	.43	.43	.35	.39	.37	.41	.39	.42	.50
	<i>CI upper bound</i>	42.0	42.1	43.0	42.5	42.1	43.8	44.2	44.1	42.3	43.8	42.3	41.7	43.5	43.1	42.4	42.6	42.3	44.0	44.1	42.5
	<i>CI lower bound</i>	39.9	40.0	41.3	40.7	40.2	42.1	42.3	42.2	40.3	41.8	40.6	40.0	41.8	41.8	40.9	41.1	40.7	42.4	42.4	40.6
<hr/>																					
Supportive Environment	<i>Mean</i>	37.8	38.2	38.5	36.6	36.9	37.4	36.9	37.5	31.0	33.9	33.4	33.3	34.3	33.5	33.3	32.2	32.3	32.9	30.4	30.6
	<i>n</i>	454	433	667	550	504	616	482	471	501	332	599	529	589	847	658	762	640	742	669	496
	<i>SD</i>	12.9	12.4	12.7	12.2	12.2	12.5	12.5	11.6	13.5	11.1	12.6	12.7	13.3	12.5	12.6	12.4	12.9	12.5	12.8	12.4
	<i>SE</i>	.60	.59	.49	.52	.54	.50	.57	.54	.60	.61	.52	.55	.55	.43	.49	.45	.51	.46	.49	.56
	<i>CI upper bound</i>	39.0	39.3	39.4	37.6	38.0	38.4	38.0	38.6	32.1	35.1	34.4	34.3	35.4	34.3	34.2	33.1	33.3	33.8	31.4	31.7
	<i>CI lower bound</i>	36.6	37.0	37.5	35.6	35.9	36.4	35.8	36.5	29.8	32.7	32.3	32.2	33.3	32.6	32.3	31.4	31.3	32.0	29.5	29.6

Notes: n = Number of respondents; SD = Standard deviation; SE = Standard error of the mean; upper and lower bounds represent the 95% confidence interval (mean +/- 1.96 * SE).

		First-year students										Seniors									
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22
Service-Learning^a	%	39	36	40	39	39	41	41	40	40	37	58	55	61	54	54	56	54	55	52	55
	n	488	482	699	573	533	622	487	479	506	335	640	564	606	877	689	767	649	743	675	497
	SE	2.2	2.2	1.9	2.0	2.1	2.0	2.2	2.2	2.2	2.6	2.0	2.1	2.0	1.7	1.9	1.8	2.0	1.8	1.9	2.2
	CI upper bound (%)	43	41	44	43	43	45	46	44	44	42	62	59	65	58	58	59	58	58	56	60
	CI lower bound (%)	34	32	36	35	35	37	37	35	35	32	54	51	57	51	51	52	50	51	48	51
Learning Community^a	%	9	10	9	11	8	6	5	7	6	9	24	21	25	24	21	22	25	22	22	22
	n	490	479	722	576	533	622	488	480	509	334	639	565	613	876	687	767	646	749	673	499
	SE	1.3	1.4	1.1	1.3	1.2	1.0	1.0	1.1	1.1	1.6	1.7	1.7	1.8	1.4	1.6	1.5	1.7	1.5	1.6	1.9
	CI upper bound (%)	12	13	11	14	11	8	7	9	8	12	27	25	29	27	24	25	29	25	25	26
	CI lower bound (%)	7	7	7	9	6	4	3	5	4	6	20	18	22	21	18	19	22	19	18	18
Research with Faculty^a	%	2	4	4	3	3	3	4	5	3	3	31	33	30	35	37	36	32	36	34	34
	n	485	479	724	574	532	624	486	481	510	334	639	560	611	873	689	765	648	747	675	499
	SE	0.7	0.9	0.7	0.8	0.7	0.7	0.9	1.0	0.8	1.0	1.8	2.0	1.9	1.6	1.8	1.7	1.8	1.8	1.8	2.1
	CI upper bound (%)	4	6	5	5	4	5	6	7	5	5	35	37	34	38	41	40	36	39	38	38
	CI lower bound (%)	1	2	2	2	1	2	3	3	2	1	27	29	26	32	34	33	29	32	30	29
Internship or Field Experience^b (First-year results: Plan to do)	%	83	85	82	83	82	77	82	76	74	75	68	65	64	65	61	65	66	66	58	58
	n	491	487	732	578	538	626	493	486	513	335	644	565	621	882	691	768	649	751	678	501
	SE	1.7	1.6	1.4	1.6	1.7	1.7	1.7	2.0	1.9	2.4	1.8	2.0	1.9	1.6	1.9	1.7	1.9	1.7	1.9	2.2
	CI upper bound (%)	87	88	85	86	85	80	86	79	78	79	71	69	68	68	65	69	70	70	61	62
	CI lower bound (%)	80	82	80	80	78	74	79	72	71	70	64	61	60	62	58	62	63	63	54	53
Study Abroad^b (First-year results: Plan to do)	%	57	58	55	58	61	60	61	55	47	51	28	22	21	21	22	23	23	27	18	6
	n	490	481	725	573	535	619	487	482	510	336	638	563	617	876	687	766	648	745	674	498
	SE	2.2	2.3	1.8	2.1	2.1	2.0	2.2	2.3	2.2	2.7	1.8	1.7	1.6	1.4	1.6	1.5	1.6	1.6	1.5	1.1
	CI upper bound (%)	61	62	59	62	65	64	65	59	51	56	31	25	24	24	25	26	26	30	20	8
	CI lower bound (%)	52	53	51	54	57	56	56	50	43	46	24	18	18	19	19	20	19	24	15	4
Culminating Senior Experience^b (First-year results: Plan to do)	%	69	67	67	68	70	68	67	64	57	60	49	68	68	70	75	79	75	77	73	73
	n	490	482	719	576	532	622	488	481	510	336	639	564	613	878	689	767	648	749	673	499
	SE	2.1	2.1	1.8	1.9	2.0	1.9	2.1	2.2	2.2	2.7	2.0	2.0	1.9	1.5	1.6	1.5	1.7	1.5	1.7	2.0
	CI upper bound (%)	73	71	70	72	74	72	71	68	62	65	53	72	71	73	79	82	79	80	76	77
	CI lower bound (%)	65	63	63	64	66	65	63	60	53	55	45	64	64	67	72	76	72	74	70	69
Overall HIP Participation^c																					
Participated in one HIP	%	39	36	38	39	38	39	41	39	38	36	16	14	14	17	13	15	15	15	18	17
	n	492	486	727	579	535	626	489	482	511	336	645	566	623	882	691	771	649	754	678	501
	SE	2.2	2.2	1.8	2.0	2.1	2.0	2.2	2.2	2.1	2.6	1.5	1.4	1.4	1.3	1.3	1.3	1.4	1.3	1.5	1.7
	CI upper bound (%)	43	41	41	43	43	43	45	44	42	41	19	17	16	20	16	18	18	18	21	21
	CI lower bound (%)	35	32	34	35	34	36	37	35	34	31	14	11	11	15	11	13	13	13	15	14
Participated in two or more HIPs	%	5	7	6	7	5	5	5	6	5	6	76	80	78	77	81	81	81	81	75	75
	n	492	486	727	579	535	626	489	482	511	336	645	566	623	882	691	771	649	754	678	501
	SE	1.0	1.1	0.9	1.0	1.0	0.9	1.0	1.1	1.0	1.3	1.7	1.7	1.7	1.4	1.5	1.4	1.6	1.4	1.7	1.9
	CI upper bound (%)	7	9	8	9	7	7	6	8	7	9	79	83	82	80	84	84	84	84	78	79
	CI lower bound (%)	3	4	4	5	4	3	3	4	3	4	72	77	75	75	78	78	77	78	72	71

Notes: n = Number of respondents; SE = Standard error of the proportion ($\sqrt{p * (1 - p) / (n - 1)}$) where p is the proportion; upper and lower bounds represent the 95% confidence interval ($p \pm 1.96 * SE$).

a. Results are the percentage who had done the activity.

b. First-year results are the percentage who planned to do the activity; Senior results are the percentage who had done the activity.

c. First-year results are limited to participation in a Learning Community, Service-Learning, and Research with Faculty; senior results include all six HIPs.