NSSE
national survey of
student engagement

NSSE 2020
Multi-Year Report

Northeastern Illinois University

IPEDS: 147776

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 number of respondents, standard deviation, and standard error 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 *planned to do* 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.

NSSE 2020 Multi-Year Report

Administration Summaries

Northeastern Illinois University

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										
2014	33%	+/- 4.7%	290	245	45	37%	+/- 3.8%	417	373	44
2015	26%	+/- 6.0%	201	150	51	34%	+/- 3.7%	472	368	104
2016	26%	+/- 6.1%	189	131	58	33%	+/- 4.4%	331	254	77
2017										
2018	22%	+/- 6.6%	171	110	61	30%	+/- 4.7%	303	249	54
2019										
2020	38%	+/- 5.5%	197	153	44	46%	+/- 2.6%	769	668	101

Administration Details by Participation Year

Year	Recruitment method	Sample type	Incentives offered	Additional question sets	Report Sample identified[d]	BCSSE	FSSE
2013							
2014	Email	Census	Yes	Academic Advising, Civic Engagement	No	No	No
2015	Email	Census	Yes	Academic Advising, Civic Engagement	No	No	No
2016	Email	Census	Yes	Academic Advising, Civic Engagement	No	No	No
2017							
2018	Email	Census	Yes	Academic Advising, Civic Engagement	No	No	No
2019							
2020	Email	Census	Yes	None	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 survey item percentages 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.

NSSE 2020 Multi-Year Report

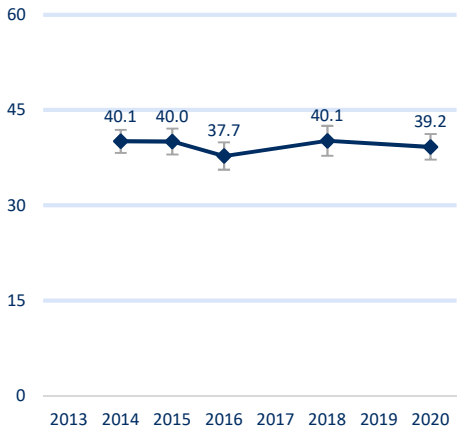
Engagement Results by Theme

Northeastern Illinois University

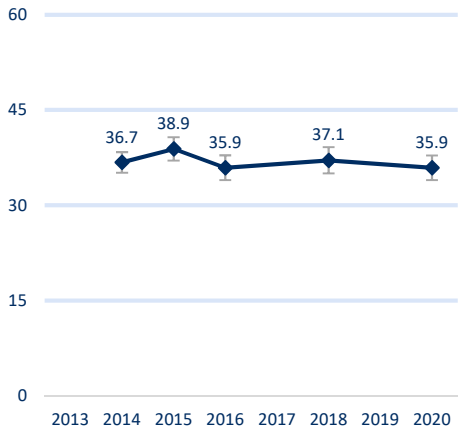
Engagement Indicators (EIs) represent the average student responses to a set of related survey questions. The Academic Challenge theme contains four EIs as well as several important individual items. See pages 10-12 for detailed statistics. For more information, including the items that make up each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

Academic Challenge: First-year students

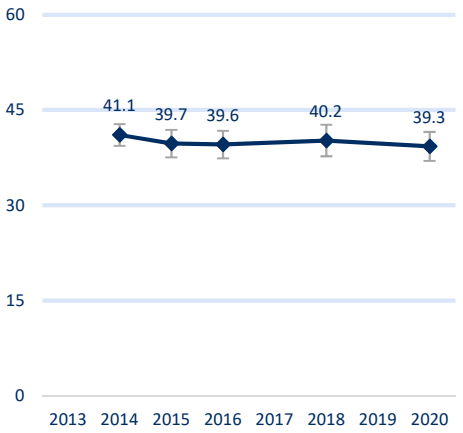
Higher-Order Learning



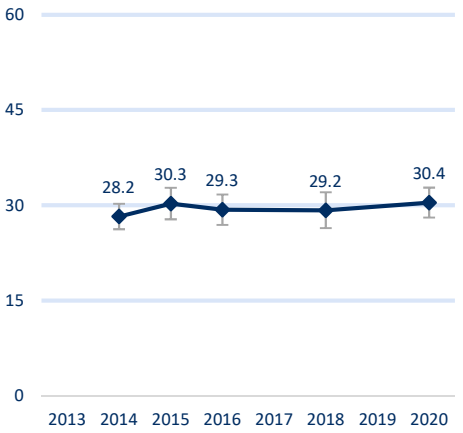
Reflective & Integrative Learning



Learning Strategies

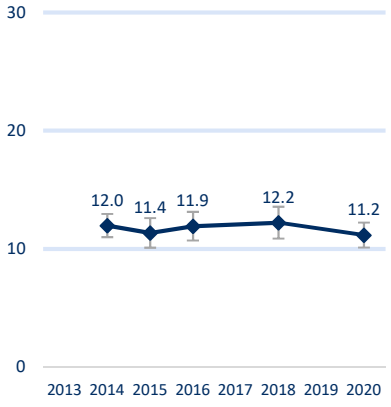


Quantitative Reasoning

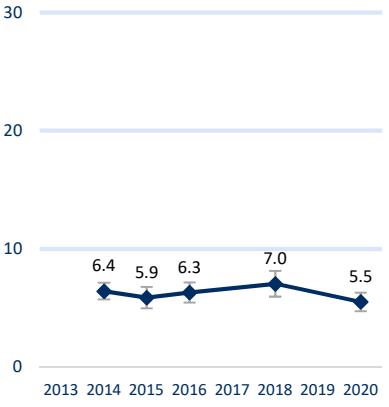


Academic Challenge (additional items): First-year students

Preparing for Class (hrs/wk)

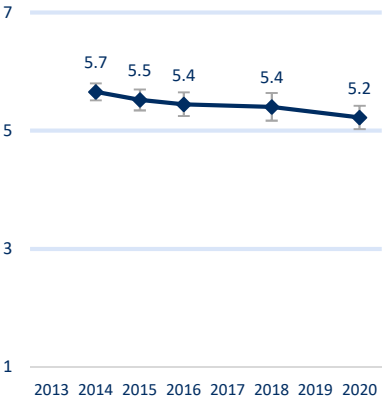


Course Reading (hrs/wk)[a]

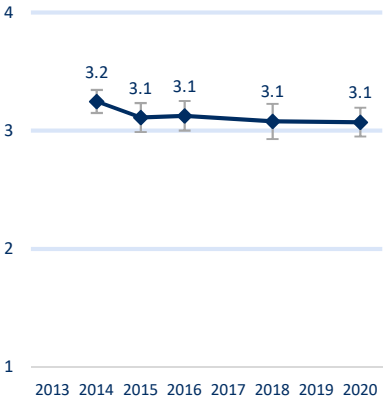


Assigned Writing (pages)[a]

Course Challenge[b]



Academic Emphasis[c]



a. Values for Course Reading and Assigned Writing are estimates calculated from two or more survey questions.
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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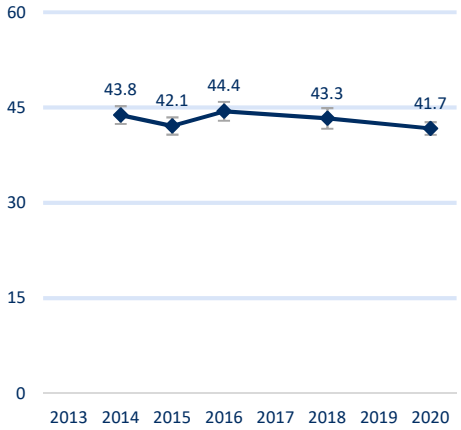
Engagement Results by Theme

Northeastern Illinois University

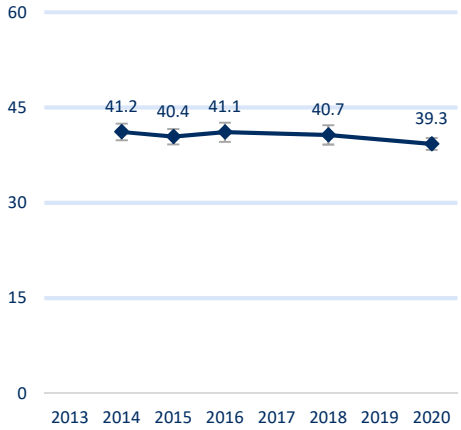
Engagement Indicators (EIs) represent the average student responses to a set of related survey questions. The Academic Challenge theme contains four EIs as well as several important individual items. See pages 10-12 for detailed statistics. For more information, including the items that make up each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

Academic Challenge: Seniors

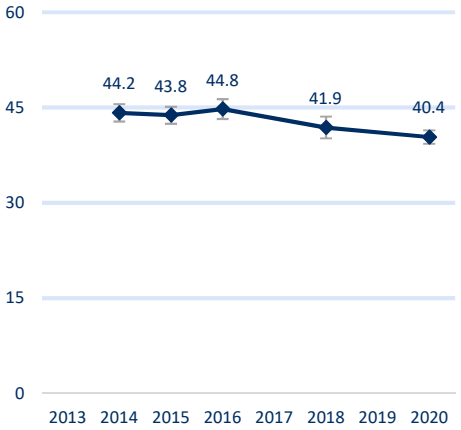
Higher-Order Learning



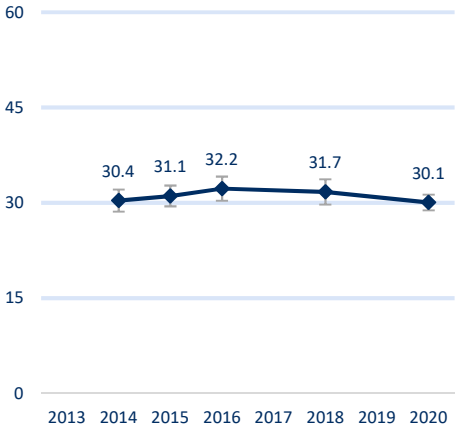
Reflective & Integrative Learning



Learning Strategies



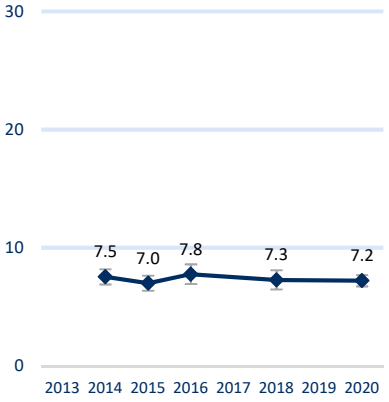
Quantitative Reasoning



Academic Challenge (additional items): Seniors

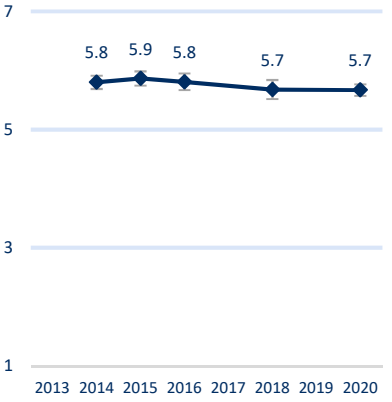
Preparing for Class (hrs/wk)

Course Reading (hrs/wk)[a]

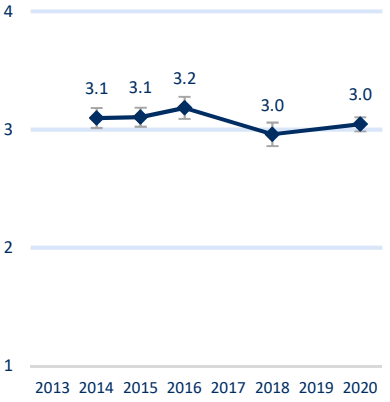


Assigned Writing (pages)[a]

Course Challenge[b]



Academic Emphasis[c]



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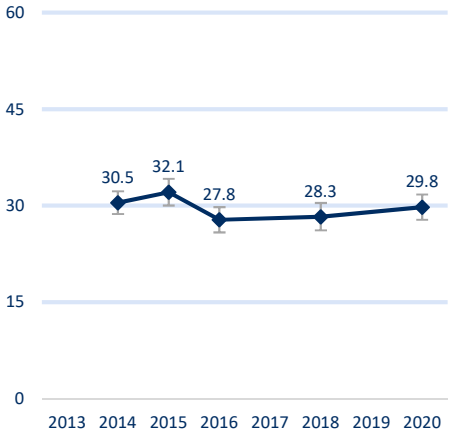
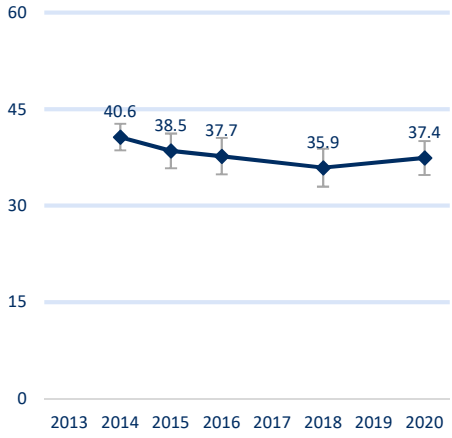
Learning with Peers: First-year students

Collaborative Learning

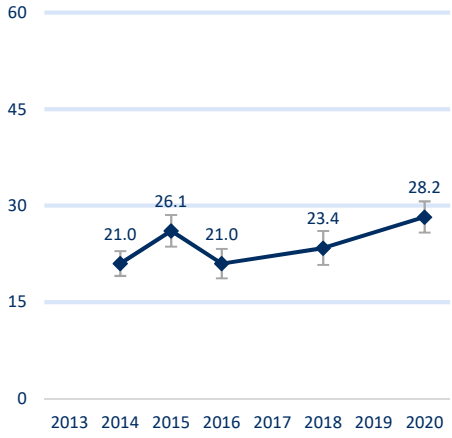


Discussions with Diverse Others

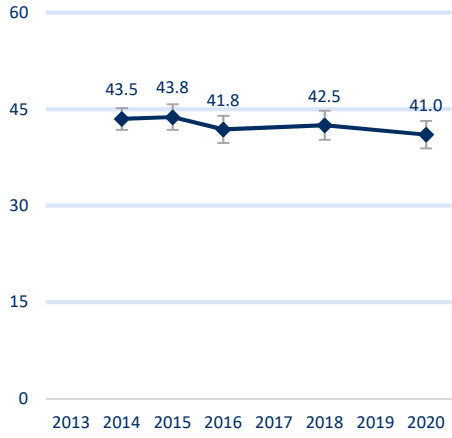


Experiences with Faculty: First-year students

Student-Faculty Interaction

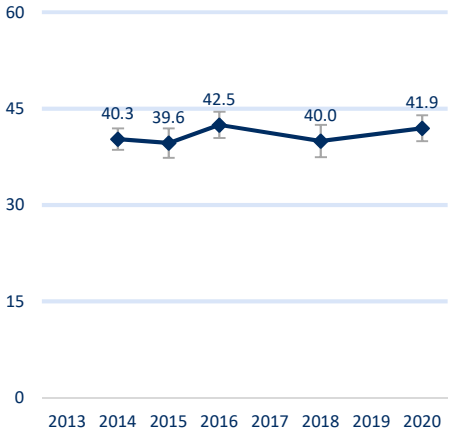


Effective Teaching Practices

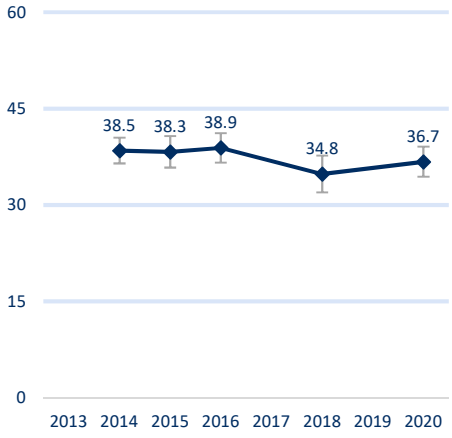


Campus Environment: First-year students

Quality of Interactions



Supportive Environment



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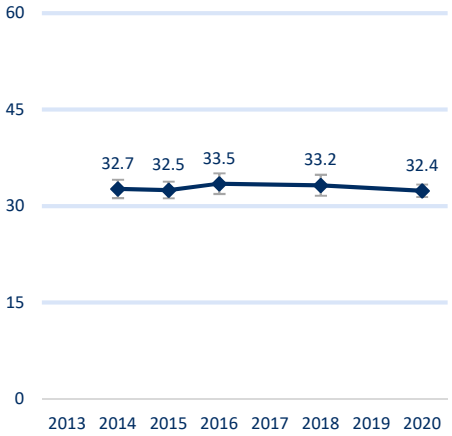
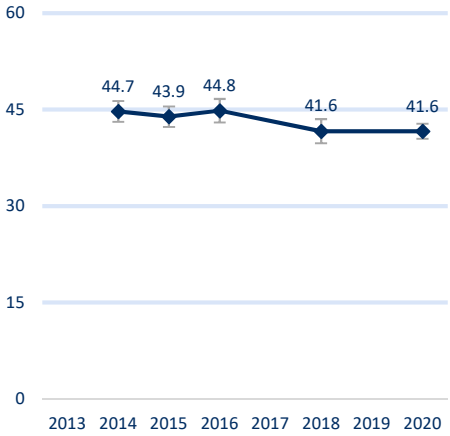
Learning with Peers: Seniors

Collaborative Learning

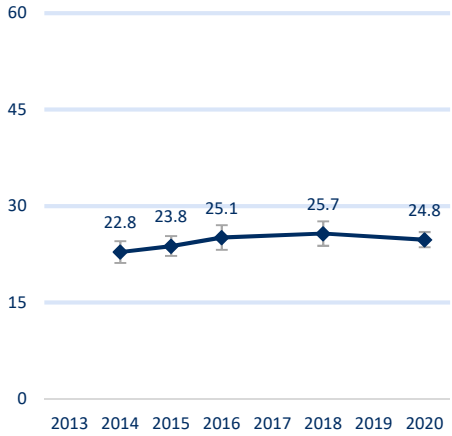


Discussions with Diverse Others

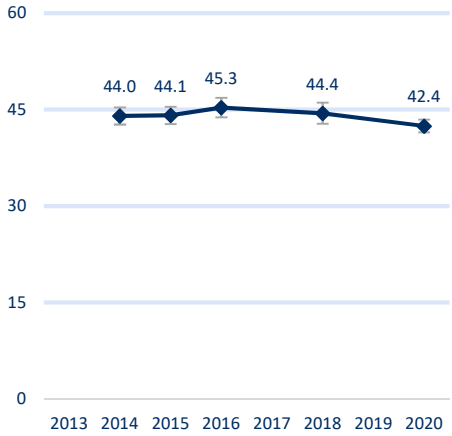


Experiences with Faculty: Seniors

Student-Faculty Interaction

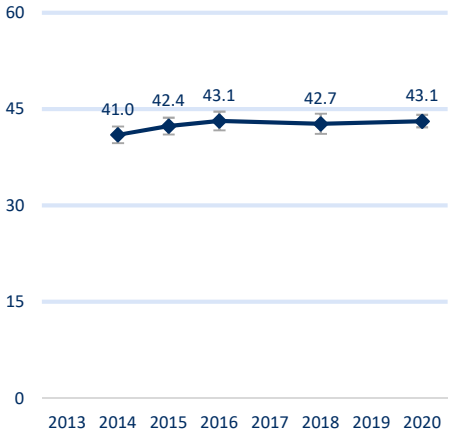


Effective Teaching Practices

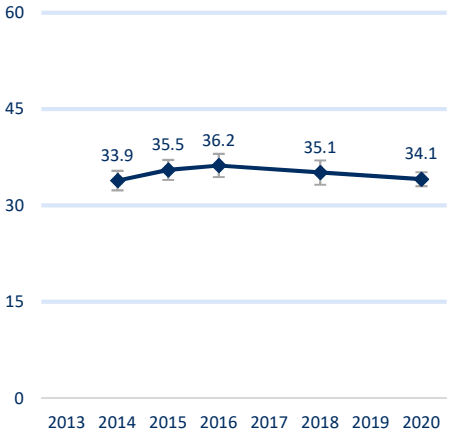


Campus Environment: Seniors

Quality of Interactions



Supportive Environment



NSSE 2020 Multi-Year Report

High-Impact Practices

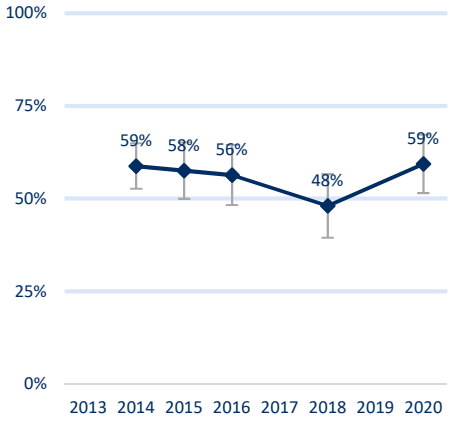
Northeastern Illinois University

Due to their positive associations with student learning and retention, special 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

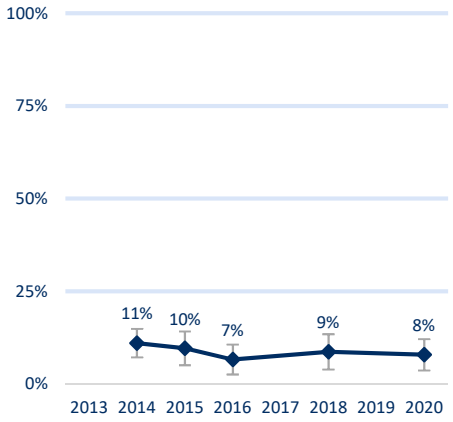
Service-Learning

(Some, most, or all courses)



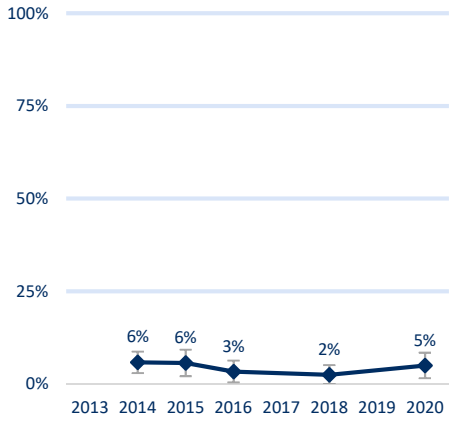
Learning Community

(Done or in progress)



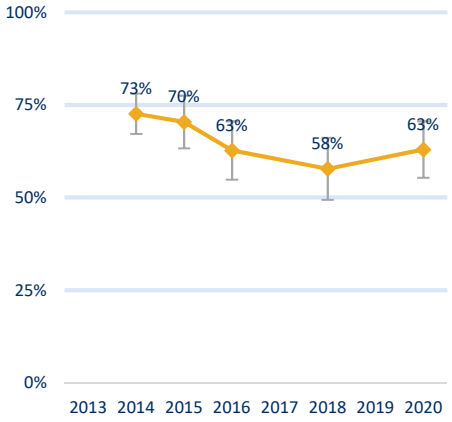
Research with Faculty

(Done or in progress)



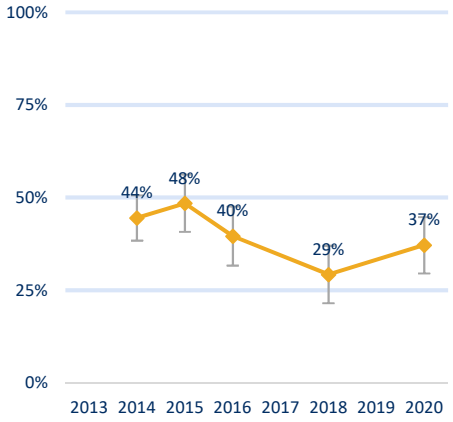
Internship/Field Experience

(Plan to do)



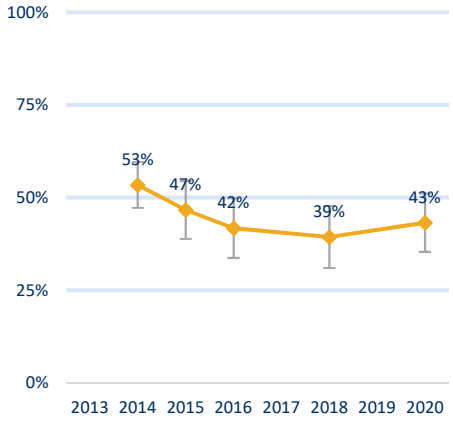
Study Abroad

(Plan to do)



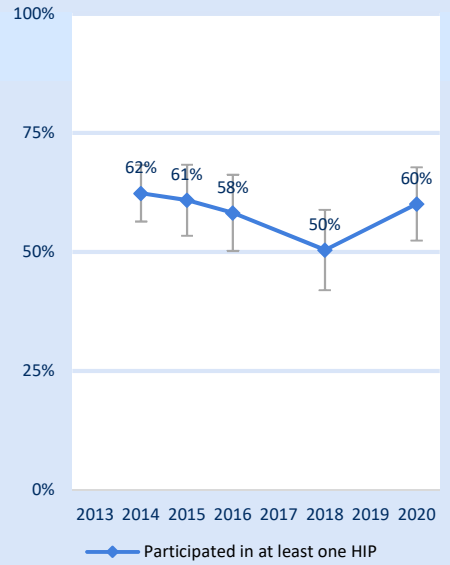
Culminating Senior Experience

(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.

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High-Impact Practices

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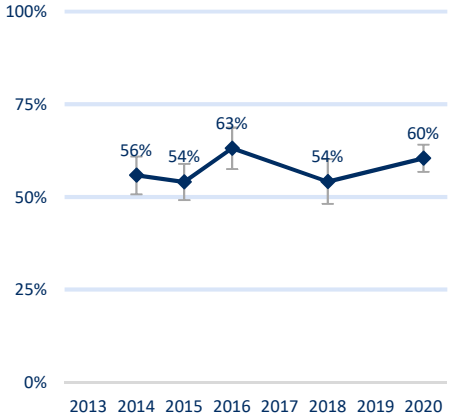
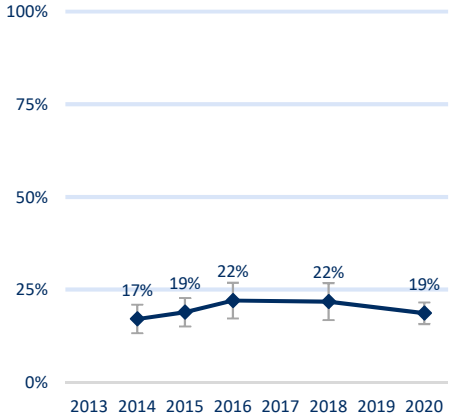
Due to their positive associations with student learning and retention, special undergraduate opportunities are designated "high-impact." Participation in High-Impact Practices (HIPs) by year is displayed in the figures below. See page 13 for detailed statistics. For more information, refer to your *High-Impact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

High-Impact Practices: Seniors

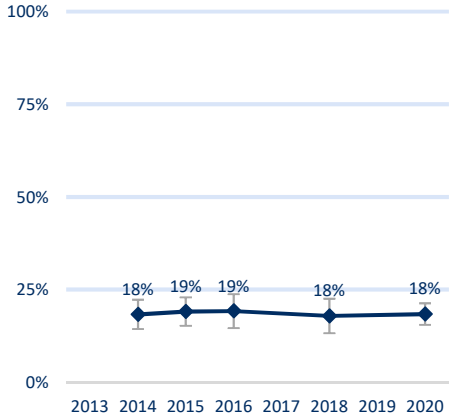
Service-Learning
(Some, most, or all courses)



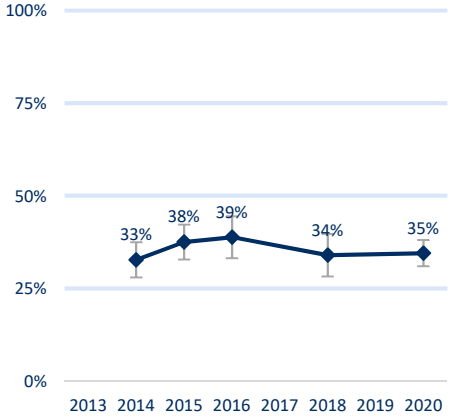
Learning Community
(Done or in progress)



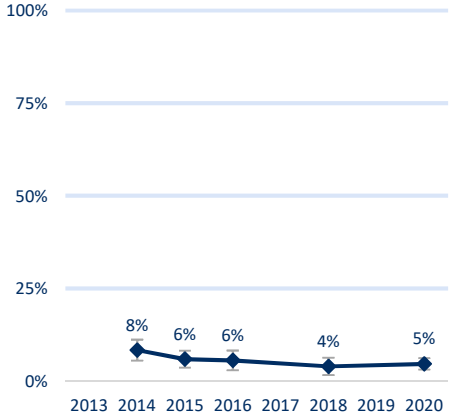
Research with Faculty
(Done or in progress)



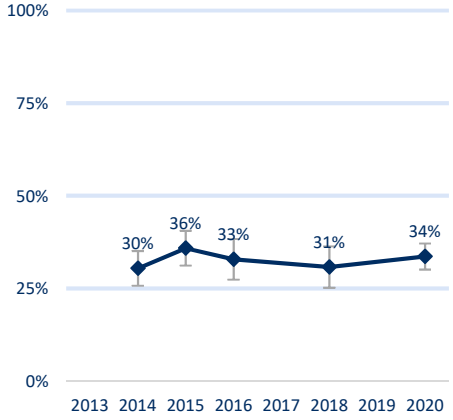
Internship/Field Experience
(Done or in progress)



Study Abroad
(Done or in progress)

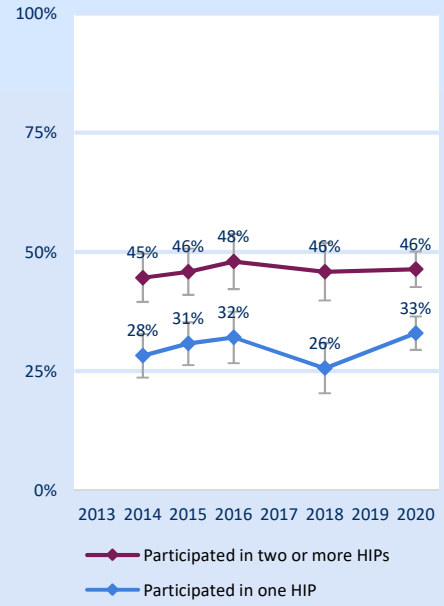


Culminating Senior Experience
(Done or in progress)



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.

NSSE 2020 Multi-Year Report

Detailed Statistics: Engagement Indicators and Additional Items

Northeastern Illinois University

		First-year students							Seniors						
		2013	2014	2015	2016	2017	2018	2019	2020	2013	2014	2015	2016	2017	2018	2019	2020
Academic Challenge																	
Higher-Order Learning	*Mean*		**40.1**	**40.0**	**37.7**		**40.1**		**39.2**		**43.8**	**42.1**	**44.4**		**43.3**		**41.7**
	n		255	171	161		142		162		376	430	301		276		709
	SD		14.7	13.6	13.9		14.3		13.1		13.8	14.4	13.1		13.8		13.5
	SE		.92	1.04	1.10		1.20		1.03		.71	.70	.75		.83		.51
	CI upper bound		41.9	42.1	39.9		42.5		41.2		45.2	43.5	45.9		44.9		42.7
	CI lower bound		38.3	38.0	35.6		37.8		37.2		42.4	40.7	42.9		41.7		40.7
Reflective & Integrative Learning	*Mean*		**36.7**	**38.9**	**35.9**		**37.1**		**35.9**		**41.2**	**40.4**	**41.1**		**40.7**		**39.3**
	n		271	186	173		153		171		384	446	313		291		736
	SD		13.7	12.8	13.1		13.1		12.9		13.2	13.0	13.6		13.4		12.9
	SE		.83	.94	1.00		1.06		.99		.67	.61	.77		.78		.47
	CI upper bound		38.4	40.7	37.9		39.2		37.8		42.5	41.6	42.6		42.2		40.2
	CI lower bound		35.1	37.0	34.0		35.0		34.0		39.9	39.2	39.6		39.2		38.4
Learning Strategies	*Mean*		**41.1**	**39.7**	**39.6**		**40.2**		**39.3**		**44.2**	**43.8**	**44.8**		**41.9**		**40.4**
	n		250	160	143		138		155		361	394	288		261		688
	SD		13.9	14.0	13.2		14.9		14.5		13.4	13.5	13.5		14.1		14.1
	SE		.88	1.11	1.10		1.26		1.16		.70	.68	.80		.88		.54
	CI upper bound		42.8	41.9	41.7		42.7		41.5		45.6	45.1	46.3		43.6		41.4
	CI lower bound		39.3	37.5	37.4		37.7		37.0		42.8	42.5	43.2		40.1		39.3
Quantitative Reasoning	*Mean*		**28.2**	**30.3**	**29.3**		**29.2**		**30.4**		**30.4**	**31.1**	**32.2**		**31.7**		**30.1**
	n		267	172	162		140		157		377	438	307		268		700
	SD		16.7	16.6	15.6		17.1		15.1		17.3	17.5	17.0		16.6		16.5
	SE		1.02	1.26	1.23		1.44		1.21		.89	.84	.97		1.01		.62
	CI upper bound		30.2	32.7	31.7		32.0		32.8		32.1	32.7	34.1		33.7		31.3
	CI lower bound		26.2	27.8	26.9		26.4		28.0		28.6	29.4	30.3		29.7		28.8
Academic Challenge (additional items)																	
Preparing for Class (hours/week)	*Mean*		**12.0**	**11.4**	**11.9**		**12.2**		**11.2**		**12.7**	**12.5**	**13.6**		**13.0**		**13.1**
	n		239	148	133		124		152		354	371	262		259		673
	SD		7.7	7.8	7.1		7.7		6.6		7.8	7.7	8.6		8.3		8.1
	SE		.50	.64	.62		.69		.54		.41	.40	.53		.52		.31
	CI upper bound		13.0	12.6	13.1		13.6		12.2		13.5	13.3	14.7		14.1		13.7
	CI lower bound		11.0	10.1	10.7		10.9		10.1		11.9	11.7	12.6		12.0		12.5
Course Reading Estimated hours per week calculated from two survey questions.	*Mean*		**6.4**	**5.9**	**6.3**		**7.0**		**5.5**		**7.5**	**7.0**	**7.8**		**7.3**		**7.2**
	n		234	146	132		123		151		348	365	260		258		667
	SD		5.5	5.5	5.0		6.2		4.9		6.2	6.2	6.9		6.7		6.4
	SE		.36	.46	.44		.56		.40		.33	.32	.43		.41		.25
	CI upper bound		7.1	6.8	7.2		8.1		6.3		8.2	7.6	8.6		8.1		7.7
	CI lower bound		5.7	5.0	5.5		6.0		4.7		6.9	6.4	6.9		6.5		6.7

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 2020 Multi-Year Report

Detailed Statistics: Engagement Indicators and Additional Items

Northeastern Illinois University

		First-year students							Seniors							
		2013	2014	2015	2016	2017	2018	2019	2020	2013	2014	2015	2016	2017	2018	2019	2020
Academic Challenge (additional items, continued)																	
Assigned Writing Estimated number of pages calculated from three survey questions.	*Mean*		**47.2**	**47.5**	**58.9**		**60.1**		**62.0**		**76.8**	**83.1**	**90.4**		**71.9**		**91.4**
	n		242	153	143		133		157		333	360	259		268		695
	SD		72.6	63.1	79.4		100.7		93.2		83.1	92.1	95.8		68.0		106.8
	SE		4.67	5.10	6.64		8.73		7.44		4.55	4.86	5.95		4.15		4.05
	CI upper bound		56.3	57.5	71.9		77.2		76.6		85.7	92.6	102.1		80.1		99.4
	CI lower bound		38.0	37.5	45.9		43.0		47.4		67.9	73.6	78.8		63.8		83.5
Course Challenge Extent to which courses challenged students to do their best work (1 = "Not at all" to 7 = "Very much").	*Mean*		**5.7**	**5.5**	**5.4**		**5.4**		**5.2**		**5.8**	**5.9**	**5.8**		**5.7**		**5.7**
	n		257	164	146		136		155		366	403	288		263		691
	SD		1.2	1.2	1.2		1.4		1.3		1.1	1.2	1.2		1.3		1.3
	SE		.07	.09	.10		.12		.10		.06	.06	.07		.08		.05
	CI upper bound		5.8	5.7	5.6		5.6		5.4		5.9	6.0	5.9		5.8		5.8
	CI lower bound		5.5	5.3	5.2		5.2		5.0		5.7	5.7	5.7		5.5		5.6
Academic Emphasis Perceived institutional emphasis on spending significant time studying and on academic work (1 = "Very little," 2 = "Some," 3 = "Quite a bit," and 4 = "Very much").	*Mean*		**3.2**	**3.1**	**3.1**		**3.1**		**3.1**		**3.1**	**3.1**	**3.2**		**3.0**		**3.0**
	n		239	147	138		130		153		360	373	270		263		681
	SD		0.8	0.8	0.7		0.9		0.8		0.8	0.8	0.8		0.8		0.8
	SE		.05	.06	.06		.08		.06		.04	.04	.05		.05		.03
	CI upper bound		3.3	3.2	3.3		3.2		3.2		3.2	3.2	3.3		3.1		3.1
	CI lower bound		3.1	3.0	3.0		2.9		3.0		3.0	3.0	3.1		2.9		3.0
Learning with Peers																	
Collaborative Learning	*Mean*		**30.5**	**32.1**	**27.8**		**28.3**		**29.8**		**32.7**	**32.5**	**33.5**		**33.2**		**32.4**
	n		273	182	172		166		185		388	447	310		292		754
	SD		15.0	14.4	13.1		14.0		13.6		14.3	13.9	14.4		14.1		13.8
	SE		.91	1.06	1.00		1.08		1.00		.73	.66	.82		.83		.50
	CI upper bound		32.2	34.2	29.8		30.4		31.7		34.1	33.8	35.1		34.9		33.4
	CI lower bound		28.7	30.0	25.8		26.2		27.8		31.2	31.2	31.9		31.6		31.4
Discussions with Diverse Others	*Mean*		**40.6**	**38.5**	**37.7**		**35.9**		**37.4**		**44.7**	**43.9**	**44.8**		**41.6**		**41.6**
	n		252	162	142		132		153		361	402	284		265		693
	SD		16.7	17.5	17.2		17.3		16.7		15.6	16.4	15.7		15.7		15.7
	SE		1.05	1.37	1.45		1.50		1.35		.82	.82	.93		.96		.60
	CI upper bound		42.7	41.2	40.5		38.8		40.1		46.3	45.5	46.7		43.5		42.8
	CI lower bound		38.6	35.8	34.8		32.9		34.8		43.1	42.3	43.0		39.8		40.5

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).

NSSE 2020 Multi-Year Report

Detailed Statistics: Engagement Indicators and Additional Items

Northeastern Illinois University

		First-year students								Seniors							
		2013	2014	2015	2016	2017	2018	2019	2020	2013	2014	2015	2016	2017	2018	2019	2020
Experiences with Faculty																	
Student-Faculty Interaction	*Mean*		**21.0**	**26.1**	**21.0**		**23.4**		**28.2**		**22.8**	**23.8**	**25.1**		**25.7**		**24.8**
	n		260	178	160		147		166		380	437	303		285		718
	SD		15.9	16.7	14.7		16.3		15.9		16.9	16.5	17.1		16.5		16.2
	SE		.98	1.25	1.17		1.35		1.23		.87	.79	.98		.97		.61
	CI upper bound		22.9	28.5	23.3		26.1		30.7		24.5	25.3	27.0		27.6		25.9
	CI lower bound		19.1	23.6	18.7		20.8		25.8		21.2	22.2	23.2		23.8		23.6
Effective Teaching Practices	*Mean*		**43.5**	**43.8**	**41.8**		**42.5**		**41.0**		**44.0**	**44.1**	**45.3**		**44.4**		**42.4**
	n		270	177	165		142		163		391	442	310		278		712
	SD		14.2	13.5	13.8		13.8		13.9		13.4	14.4	13.6		13.9		13.7
	SE		.86	1.02	1.08		1.16		1.09		.68	.68	.77		.83		.51
	CI upper bound		45.2	45.8	44.0		44.8		43.2		45.3	45.4	46.8		46.1		43.5
	CI lower bound		41.8	41.8	39.7		40.2		38.9		42.7	42.8	43.8		42.8		41.4
Campus Environment																	
Quality of Interactions	*Mean*		**40.3**	**39.6**	**42.5**		**40.0**		**41.9**		**41.0**	**42.4**	**43.1**		**42.7**		**43.1**
	n		248	162	139		122		148		357	384	273		256		648
	SD		13.3	14.9	12.3		14.2		12.5		12.5	13.0	12.3		12.9		12.6
	SE		.85	1.17	1.05		1.28		1.03		.66	.67	.74		.81		.50
	CI upper bound		41.9	41.9	44.5		42.5		44.0		42.3	43.7	44.6		44.3		44.1
	CI lower bound		38.6	37.3	40.4		37.4		39.9		39.7	41.1	41.7		41.1		42.2
Supportive Environment	*Mean*		**38.5**	**38.3**	**38.9**		**34.8**		**36.7**		**33.9**	**35.5**	**36.2**		**35.1**		**34.1**
	n		236	144	134		125		150		360	370	265		260		676
	SD		15.7	15.0	13.6		16.4		14.7		14.7	15.2	15.1		15.6		14.3
	SE		1.02	1.25	1.17		1.47		1.20		.78	.79	.93		.96		.55
	CI upper bound		40.5	40.7	41.2		37.7		39.1		35.4	37.1	38.0		37.0		35.2
	CI lower bound		36.5	35.8	36.6		31.9		34.4		32.4	34.0	34.4		33.2		33.0

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 national survey of student engagement

NSSE 2020 Multi-Year Report

Detailed Statistics: High-Impact Practices

Northeastern Illinois University

		First-year students								Seniors							
		2013	2014	2015	2016	2017	2018	2019	2020	2013	2014	2015	2016	2017	2018	2019	2020
Service-Learning[a]	%		**59**	**58**	**56**		**48**		**59**		**56**	**54**	**63**		**54**		**60**
	n		248	163	144		132		151		367	399	288		262		684
	SE		3.1	3.9	4.1		4.4		4.0		2.6	2.5	2.8		3.1		1.9
	CI upper bound (%)		65	65	64		57		67		61	59	69		60		64
	CI lower bound (%)		53	50	48		39		51		51	49	58		48		57
Learning Community[a]	%		**11**	**10**	**7**		**9**		**8**		**17**	**19**	**22**		**22**		**19**
	n		254	162	145		135		156		370	402	285		264		684
	SE		2.0	2.3	2.1		2.4		2.2		2.0	2.0	2.5		2.5		1.5
	CI upper bound (%)		15	14	11		13		12		21	23	27		27		22
	CI lower bound (%)		7	5	3		4		4		13	15	17		17		16
Research with Faculty[a]	%		**6**	**6**	**3**		**2**		**5**		**18**	**19**	**19**		**18**		**18**
	n		255	162	145		133		155		369	400	286		265		684
	SE		1.5	1.8	1.5		1.3		1.8		2.0	2.0	2.3		2.4		1.5
	CI upper bound (%)		9	9	6		5		8		22	23	24		23		21
	CI lower bound (%)		3	2	0		0		2		14	15	15		13		16
Internship or Field Experience[b] (First-year results: Plan to do)	%		**73**	**70**	**63**		**58**		**63**		**33**	**38**	**39**		**34**		**35**
	n		257	160	146		134		155		373	404	287		263		687
	SE		2.8	3.6	4.0		4.3		3.9		2.4	2.4	2.9		2.9		1.8
	CI upper bound (%)		78	77	71		66		71		37	42	44		40		38
	CI lower bound (%)		67	63	55		49		55		28	33	33		28		31
Study Abroad[b] (First-year results: Plan to do)	%		**44**	**48**	**40**		**29**		**37**		**8**	**6**	**6**		**4**		**5**
	n		255	161	146		134		156		369	403	285		263		684
	SE		3.1	3.9	4.1		4.0		3.9		1.4	1.2	1.4		1.2		0.8
	CI upper bound (%)		51	56	48		37		45		11	8	8		6		6
	CI lower bound (%)		38	41	32		22		30		6	4	3		2		3
Culminating Senior Experience[b] (First-year results: Plan to do)	%		**53**	**47**	**42**		**39**		**43**		**30**	**36**	**33**		**31**		**34**
	n		251	158	145		132		153		371	402	284		264		686
	SE		3.2	4.0	4.1		4.3		4.0		2.4	2.4	2.8		2.8		1.8
	CI upper bound (%)		60	54	50		48		51		35	41	38		36		37
	CI lower bound (%)		47	39	34		31		35		26	31	27		25		30
Overall HIP Participation[c]																	
Participated in one HIP	%		**52**	**52**	**51**		**43**		**51**		**28**	**31**	**32**		**26**		**33**
	n		257	165	146		135		156		373	406	289		265		689
	SE		3.1	3.9	4.1		4.3		4.0		2.3	2.3	2.8		2.7		1.8
	CI upper bound (%)		58	59	59		51		59		33	35	37		31		36
	CI lower bound (%)		46	44	43		34		43		24	26	27		20		29
Participated in two or more HIPs	%		**10**	**9**	**7**		**8**		**9**		**45**	**46**	**48**		**46**		**46**
	n		257	165	146		135		156		373	406	289		265		689
	SE		1.9	2.2	2.2		2.3		2.3		2.6	2.5	2.9		3.1		1.9
	CI upper bound (%)		14	13	11		12		14		50	51	54		52		50
	CI lower bound (%)		6	5	3		3		5		39	41	42		40		43

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 +/- 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.

IPEDS: 147776