Iowa State University

A Summary of Student Engagement Results

Student engagement represents two critical features of collegiate quality. The first is the amount of time and effort students put into their studies and other educationally purposeful activities. The second is how institutional resources, courses, and other learning opportunities facilitate student participation in activities that matter to student learning. NSSE surveys undergraduate students in their first and final years to assess their levels of engagement and related information about their experience at your institution.

Comparison Group

The comparison group featured in this report is

Doc/Very High Public

See your *Selected Comparison Groups* report for details.

27%

■ Participated in one HIP

This Snapshot is a concise collection of key findings from your institution's NSSE 2023 administration. We hope this information stimulates discussions about the undergraduate experience. Additional details about these and other results appear in the reports referenced throughout.

Engagement Indicators Sets of items are grouped into ten			Your students compared with Doc/Very High Public	
Engagement Indicators, organized	Theme	Engagement Indicator	First-year	Senior
under four broad themes. At right are summary results for your institution. For details, see your <i>Engagement Indicators</i> report.	Academic Challenge	Higher-Order Learning	∇	∇
		Reflective & Integrative Learning	∇	∇
		Learning Strategies	∇	∇
Key:		Quantitative Reasoning		∇
Your students' average was significantly				
higher $(p < .05)$ with an effect size at least .3 in magnitude.	Learning	Collaborative Learning	Δ	Δ
Your students' average was significantly \triangle higher ($p < .05$) with an effect size less than .3 in magnitude.	with Peers	Discussions with Diverse Others		∇
No significant difference.	Experiences	Student-Faculty Interaction	Δ	Δ
Your students' average was significantly \bigvee lower ($p < .05$) with an effect size less than .3 in magnitude.	with Faculty	Effective Teaching Practices	∇	∇
Your students' average was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.	Campus Environment	Quality of Interactions	Δ	Δ
		Supportive Environment	Δ	Δ
High-Impact Practices				
Due to their positive associations	First-year Service-Learning, Learning Community, and Research Doc/Very High Public			
with student learning and			48%	
retention, certain undergraduate			11% 44%	
opportunities are designated "high-	w/Faculty	bocy very riight ublic	44/6	
impact." For more details and	Senior	0%	25% 50%	75% 1
statistical comparisons, see your	Service-Learning, Learning			
High-Impact Practices report.	Community,	Research w/Faculty,	71%	20%

Doc/Very High Public

■ Participated in two or more HIPs

Internship, Study Abroad,

and Culminating Senior

Experience



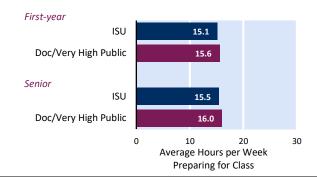
Iowa State University

Academic Challenge: Additional Results

The Academic Challenge theme contains four Engagement Indicators as well as several important individual items. The results presented here provide an overview of these individual items. For more information about the Academic Challenge theme, see your *Engagement Indicators* report. To further explore individual item results, see your *Frequencies and Statistical Comparisons*, the *Major Field Report*, the *Online Institutional Report*, or the Report Builder.

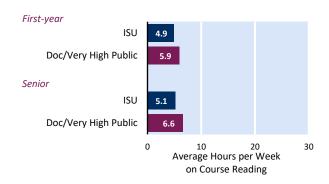
Time Spent Preparing for Class

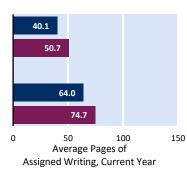
This figure reports the average weekly class preparation time for your students compared to students in your comparison group.



Reading and Writing

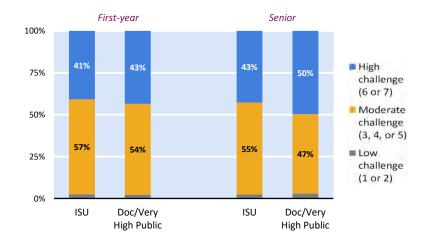
These figures summarize the number of hours your students spent reading for their courses and the average number of pages of assigned writing compared to students in your comparison group. Each is an estimate calculated from two or more separate survey questions.





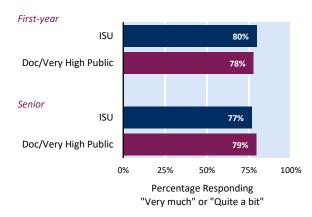
Challenging Students to Do Their Best Work

To what extent did students' courses challenge them to do their best work? Response options ranged from 1 = "Not at all" to 7 = "Very much."



Academic Emphasis

How much did students say their institution emphasizes spending significant time studying and on academic work? Response options included "Very much," "Quite a bit," "Some," and "Very little."





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Item Comparisons

By examining individual NSSE questions, you can better understand what contributes to your institution's performance on the Engagement Indicators. This section displays the five questions^a on which your students scored the highest and the five questions on which they scored the lowest, relative to students in your comparison group. Parenthetical notes indicate whether an item belongs to a specific Engagement Indicator or is a High-Impact Practice. While these questions represent the largest differences (in percentage points), they may not be the most important to your institutional mission or current program or policy goals, or equally available to all students. For additional results, see your *Frequencies and Statistical Comparisons* report.

First-year

Highest Performing Relative to Doc/Very High Public

Participated in a learning community or some other formal program where... (HIP)

Asked another student to help you understand course material^b (CL)

Worked with other students on course projects or assignments^b (CL)

Prepared for exams by discussing or working through course material w/other students^b (CL)

Talked about career plans with a faculty member (SF)

Lowest Performing Relative to Doc/Very High Public

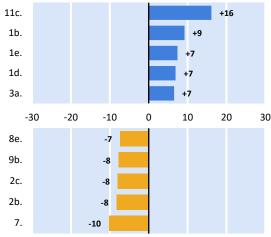
 $\label{lem:constraints} \mbox{Discussions with} ... \mbox{People with sexual orientations other than your own}$

Reviewed your notes after class^b (LS)

Included diverse perspectives (...) in course discussions or assignments^b (RI)

Connected your learning to societal problems or issues^b (RI)

Assigned more than 50 pages of writing^g



Percentage Point Difference with Doc/Very High Public

Senior

Highest Performing Relative to Doc/Very High Public

Participated in an internship, co-op, field exp., student teach., clinical placemt. (HIP)

Participated in a learning community or some other formal program where... (HIP)

Quality of interactions with academic advisors^d (QI)

Worked with other students on course projects or assignments^b (CL)

Asked another student to help you understand course material (CL)

Lowest Performing Relative to Doc/Very High Public

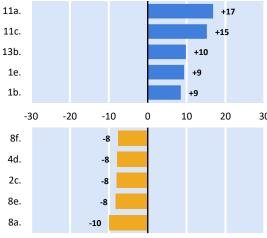
Discussions with...People from countries other than your own

Evaluating a point of view, decision, or information source^c (HO)

Included diverse perspectives (...) in course discussions or assignments^b (RI)

Discussions with...People with sexual orientations other than your own

Discussions with... People of races or ethnicities other than your own^b (DD)



Percentage Point Difference with Doc/Very High Public

a. The items on this page come from the Engagement Indicators (EIs), High-Impact Practices (HIPs), Sense of Belonging (SB), the academic challenge questions on page 2, and four additional questions about effective teaching (new in 2021). Key to abbreviations for EI items: HO = Higher-Order Learning, RI = Reflective & Integrative Learning, LS = Learning Strategies, QR = Quantitative Reasoning, CL = Collaborative Learning, DD = Discussions with Diverse Others, SF = Student-Faculty Interaction, ET = Effective Teaching Practices, QI = Quality of Interactions, SE = Supportive Environment.

b. Combination of students responding "very often" or "often."

c. Combination of students responding "very much" or "quite a bit."

d. Rated at least 6 on a 7-point scale.

e. Percentage reporting at least "some."

f. Estimate based on the reported amount of course preparation time spent on assigned reading.

g. Estimate based on number of assigned writing tasks of various lengths.

h. Combination of students responding "strongly agree" or "agree."



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How Students Assess Their Experience

Students' perceptions of certain aspects of cognitive and affective development, as well as their overall satisfaction with the institution, provide useful evidence of their educational experiences. For more details, see your *Frequencies and Statistical Comparisons* report.

Perceived Gains Among Seniors

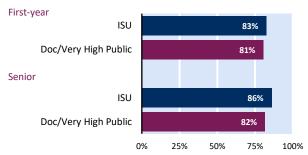
Students reported how much their experience at your institution contributed to their knowledge, skills, and personal development in ten areas.

Perceived Gains Percentage of Seniors Responding (Sorted highest to lowest) "Very much" or "Quite a bit" Thinking critically and analytically Working effectively with others Analyzing numerical and statistical information Acquiring job- or work-related knowledge and skills Writing clearly and effectively 66% Speaking clearly and effectively Solving complex real-world problems Understanding people of other backgrounds (econ., racial/ethnic, polit., relig., nation., etc.) Developing or clarifying a personal code of values and ethics Being an informed and active citizen

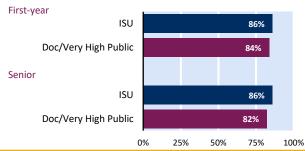
Satisfaction with ISU

Students rated their overall experience at the institution, and whether or not they would choose it again.





Percentage Who Would "Definitely" or "Probably" Attend This Institution Again



Administration Details

Response Summary

	Count	Resp. rate	Female	Full-time
First-year	1,602	29%	55%	100%
Senior	2,092	27%	57%	96%

See your Administration Summary and Respondent Profile reports for more information.

Additional Questions

Your institution administered the following additional question sets:

HIP Quality

Honors Education Consortium

See your Topical Module and Consortium reports for results.

What is NSSE?

NSSE annually collects information at hundreds of four-year colleges and universities about student participation in activities and programs that promote their learning and personal development. The results provide an estimate of how undergraduates spend their time and what they gain from attending their college or university. Institutions use their data to identify aspects of the undergraduate experience that can be improved through changes in policy and practice.

NSSE has been in operation since 2000 and has been used at nearly 1,700 colleges and universities in the US and Canada. More than 90% of participating institutions administer the survey on a periodic basis.

Visit our website: nsse.indiana.edu

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