



UNIVERSITY OF
CENTRAL
ARKANSAS™

NSSE 2024

Presented by
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NSSE

- National Survey of Student Engagement
- Survey first-year & senior students
- Provides insight on 4 themes & 10 engagement indicators (EI)

NSSE Themes

- Academic Challenge
- Learning with Peers
- Experiences with Faculty
- Campus Environment

NSSE Theme & Engagement Indicators

- Academic Challenge
 - Higher-Order Learning
 - Reflective & Integrative Learning
 - Learning Strategies
 - Quantitative Reasoning

NSSE Theme & Engagement Indicators

- Learning with Peers
 - Collaborative Learning
 - Discussions with Diverse Others

NSSE Theme & Engagement Indicators

- Experiences with Faculty
 - Student-Faculty Interaction
 - Effective Teaching Practices

NSSE Theme & Engagement Indicators

- Campus Environment
 - Quality of Interactions
 - Supportive Environment



Representativeness

- First Year Responses
 - 72% Female
 - 61% White, 16% Black, 10% Hispanic or Latino
- Senior Responses
 - 74% Female
 - 69% White, 11% Black, 10% Hispanic or Latino

Mean Comparisons

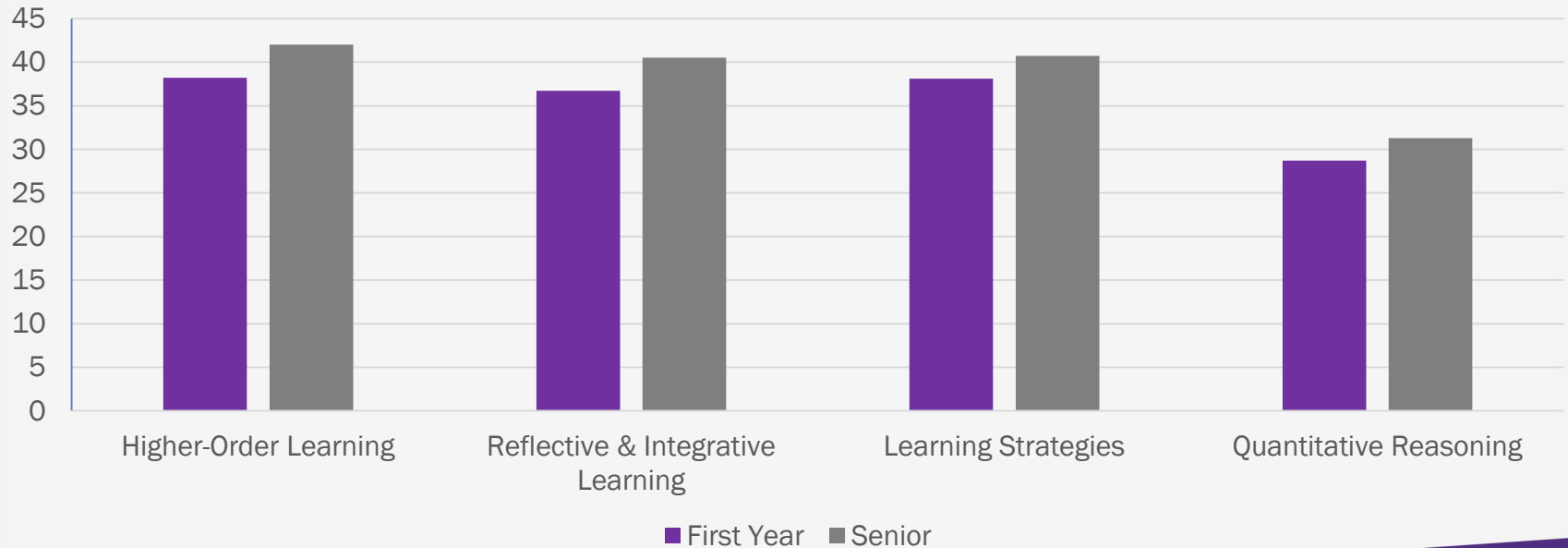
- First Year Student Responses vs Senior Student Responses
 - First Year Responses – 288
 - Senior Responses – 265
 - Both were at 13% response rate

Interpreting Comparisons

- Mean comparisons report both statistical significance and effect size
 - Effect size of .1 is small, .3 is medium, and .5 large
- Each EI is scored on a 60-point scale
 - Never = 0; Sometimes = 20; Often = 40; Very Often = 60

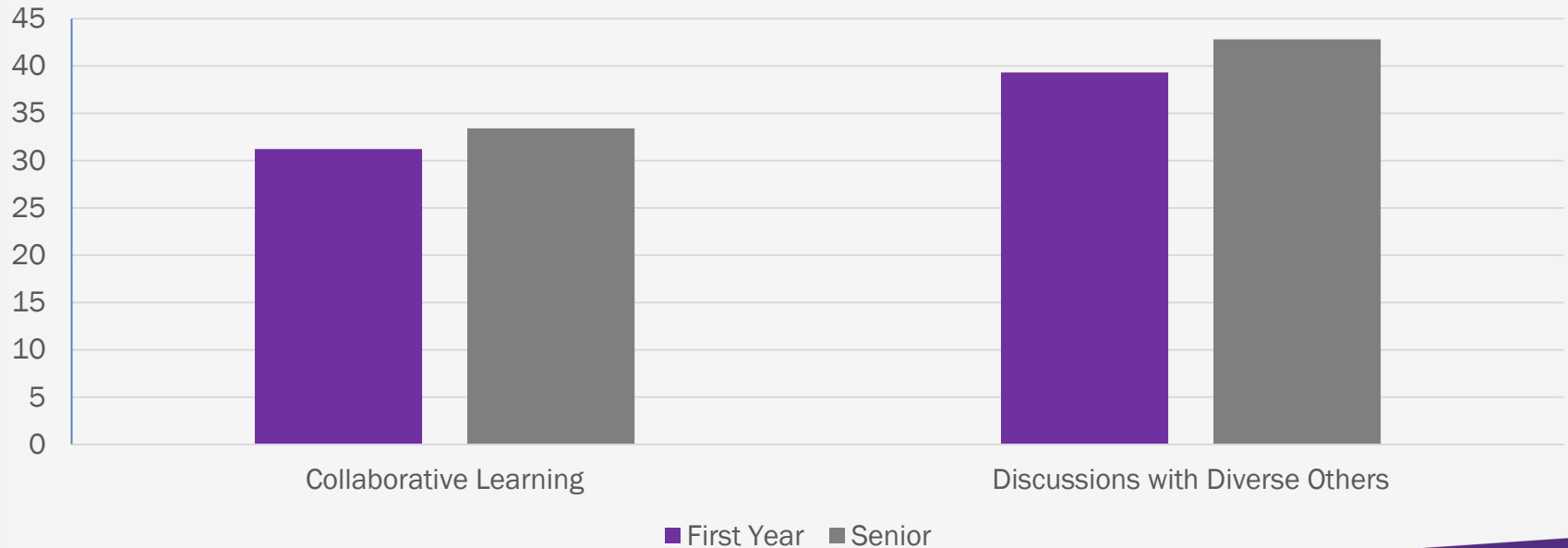
Mean Comparisons

Academic Challenge



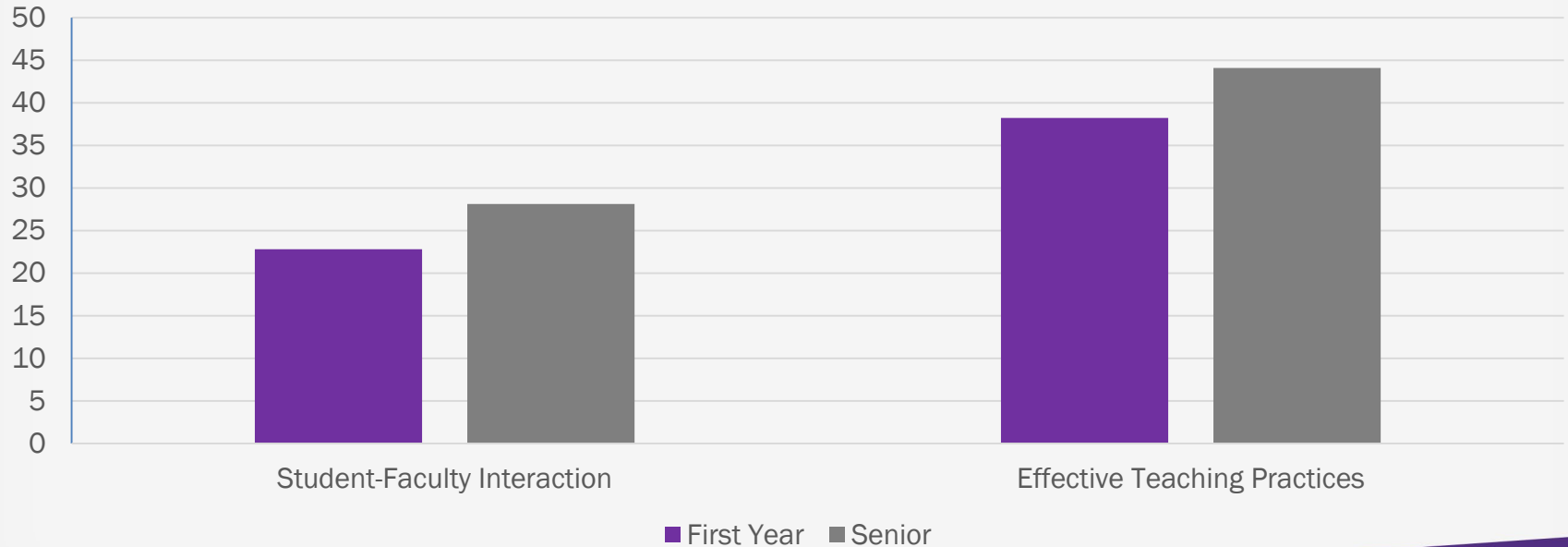
Mean Comparisons

Learning with Peers



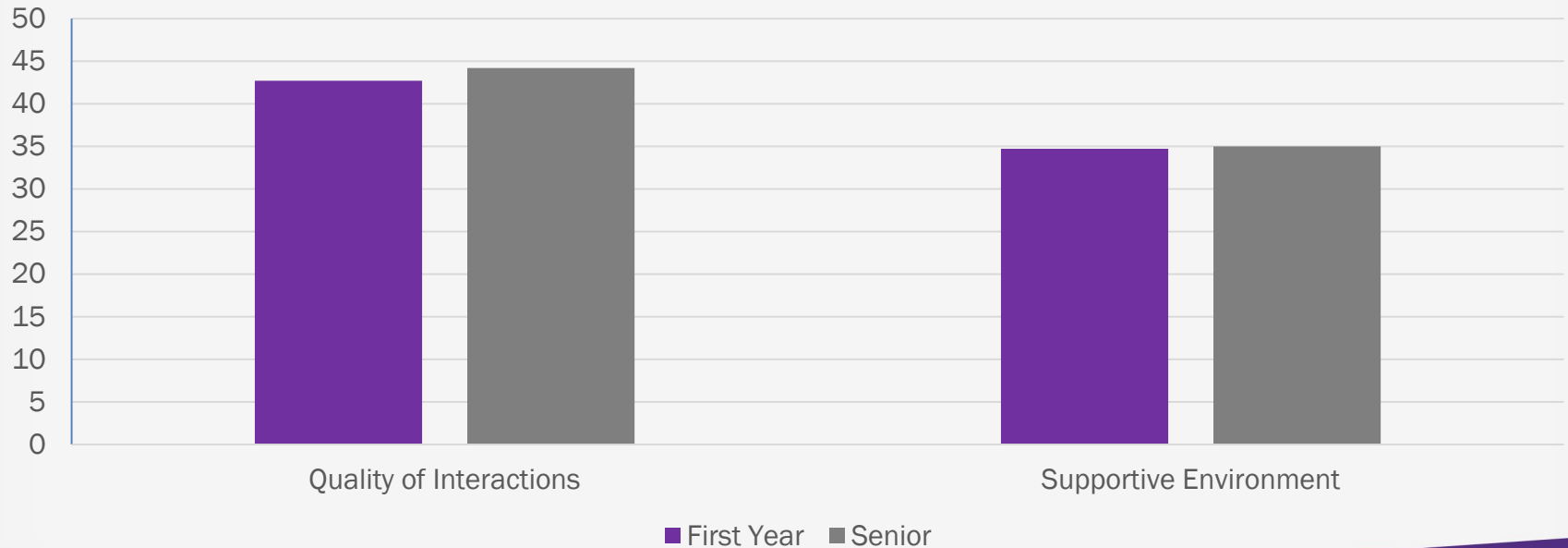
Mean Comparisons

Experiences with Faculty



Mean Comparisons

Campus Environment





Mean Comparisons

- Southeast Public
 - 78 institutions
- Carnegie Class
 - 86 institutions
- Peer Institutions
 - 13 institutions



Engagement Indicators: Overview

Engagement Indicators are summary measures based on sets of NSSE questions examining key dimensions of student engagement. The ten indicators are organized within four broad themes: Academic Challenge, Learning with Peers, Experiences with Faculty, and Campus Environment. The tables below compare average scores for your students with those in your comparison groups. Use the following key:

- ▲ Your students' average was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.
- △ Your students' average was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.
- No significant difference.
- ▽ Your students' average was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.
- ▼ Your students' average was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to your institutional context. You may not see all of these symbols in your report.

First-Year Students

Theme	Engagement Indicator	Your first-year students compared with Southeast Public	Your first-year students compared with Carnegie Class	Your first-year students compared with Peer Institutions
Academic Challenge	Higher-Order Learning	---	---	---
	Reflective & Integrative Learning	---	---	△
	Learning Strategies	---	---	---
	Quantitative Reasoning	---	---	---
Learning with Peers	Collaborative Learning	---	△	---
	Discussions with Diverse Others	---	---	---
Experiences with Faculty	Student-Faculty Interaction	---	---	---
	Effective Teaching Practices	---	▽	---
Campus Environment	Quality of Interactions	---	▽	---
	Supportive Environment	---	---	---

Seniors

Theme	Engagement Indicator	Your seniors compared with Southeast Public	Your seniors compared with Carnegie Class	Your seniors compared with Peer Institutions
Academic Challenge	Higher-Order Learning	---	---	---
	Reflective & Integrative Learning	△	---	△
	Learning Strategies	---	---	---
	Quantitative Reasoning	---	---	---
Learning with Peers	Collaborative Learning	---	▲	---
	Discussions with Diverse Others	△	△	△
Experiences with Faculty	Student-Faculty Interaction	△	△	△
	Effective Teaching Practices	△	△	△
Campus Environment	Quality of Interactions	---	---	---
	Supportive Environment	---	△	△

Key Takeaways from Mean Comparisons

- First Year Students
 - Learning with Peers is a strong area of engagement
 - The three other themes need attention
 - Campus Environment in particular

Key Takeaways from Mean Comparisons

- Senior Students
 - All four themes and engagement indicators consistently perform well compared to all three comparison groups

A check mark signifies those comparisons where our average score was at least comparable to that of the high-performing group.

First-Year Students		UCA Mean	Your first-year students compared with					
Theme	Engagement Indicator		NSSE Top 50%			NSSE Top 10%		
			Mean	Effect size	✓	Mean	Effect size	✓
Academic Challenge	Higher-Order Learning	38.2	39.8	-.12		42.4 ***	-.33	
	Reflective and Integrative Learning	36.7	37.3	-.05	✓	39.9 ***	-.27	
	Learning Strategies	38.1	40.2 *	-.15		43.1 ***	-.35	
	Quantitative Reasoning	28.7	30.8	-.14		33.3 ***	-.30	
Learning with Peers	Collaborative Learning	31.2	33.4 **	-.16		36.7 ***	-.40	
	Discussions with Diverse Others	39.3	40.7	-.09	✓	44.2 ***	-.35	
Experiences with Faculty	Student-Faculty Interaction	22.8	25.4 *	-.17		29.9 ***	-.45	
	Effective Teaching Practices	38.2	40.8 **	-.19		43.6 ***	-.38	
Campus Environment	Quality of Interactions	42.7	45.7 **	-.26		48.7 ***	-.50	
	Supportive Environment	34.7	37.1 **	-.19		40.4 ***	-.45	

Seniors		UCA Mean	Your seniors compared with					
Theme	Engagement Indicator		NSSE Top 50%			NSSE Top 10%		
			Mean	Effect size	✓	Mean	Effect size	✓
Academic Challenge	Higher-Order Learning	42.0	42.4	-.03	✓	44.9 ***	-.23	
	Reflective and Integrative Learning	40.5	40.6	-.01	✓	43.2 ***	-.23	
	Learning Strategies	40.7	41.2	-.03	✓	44.1 ***	-.24	
	Quantitative Reasoning	31.3	32.8	-.09	✓	36.2 ***	-.30	
Learning with Peers	Collaborative Learning	33.4	34.8	-.10	✓	38.0 ***	-.34	
	Discussions with Diverse Others	42.8	41.4	.09	✓	44.1	-.09 ✓	
Experiences with Faculty	Student-Faculty Interaction	28.1	29.9	-.11		34.9 ***	-.42	
	Effective Teaching Practices	44.1	42.5	.12	✓	45.3	-.09 ✓	
Campus Environment	Quality of Interactions	44.2	45.4	-.10		48.1 ***	-.32	
	Supportive Environment	35.0	34.6	.02	✓	38.0 **	-.22	

Notes: Results weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Effect size: Mean difference divided by the pooled standard deviation; *p < .05, **p < .01, ***p < .001 (2-tailed).
 a. Precision-weighted means were used to determine the top 50% and top 10% institutions for each Engagement Indicator from all current- and prior-year institutions, separately by class. Using this method, Engagement Indicator scores of institutions with relatively large standard errors were adjusted toward the mean of all students, while those with smaller standard errors received smaller corrections. As a result, schools with less stable data—even those with high average scores—may not be among the top scorers. NSSE does not publish the names of the top 50% and top 10% institutions because of our commitment not to release institutional results and our policy against ranking institutions.
 b. Check marks are assigned to comparisons that are either positive or non-significant with an effect size > .10.

First Year Responses – One Thing Not To Change

- Number of Resources Available
- Faculty
- Career Fairs
- HPER Center
- Mental Health and Student Health Center
- Sense of Community

Senior Responses – One Thing Not To Change

- Sense of Community
- Faculty & Staff
- Group Projects, Practical Experiences
- HPER Center
- Mental Health and Student Health Center
- Opportunities for Involvement

First Year Responses – One Thing To Change

- Food (Quality, Cost)
- Housing Availability
- Assignments Due on Weekends/Level of Rigor
- Lack of Availability of Faculty (Limited Office Hours)
- Overall Cost

Senior Responses – One Thing To Change

- Require/Strongly Encourage Internships
- Better Parking
- More Connections Between Courses/Majors and Careers/Work
- Cost
- More Outreach from Advisors

NSSE High Impact Practices

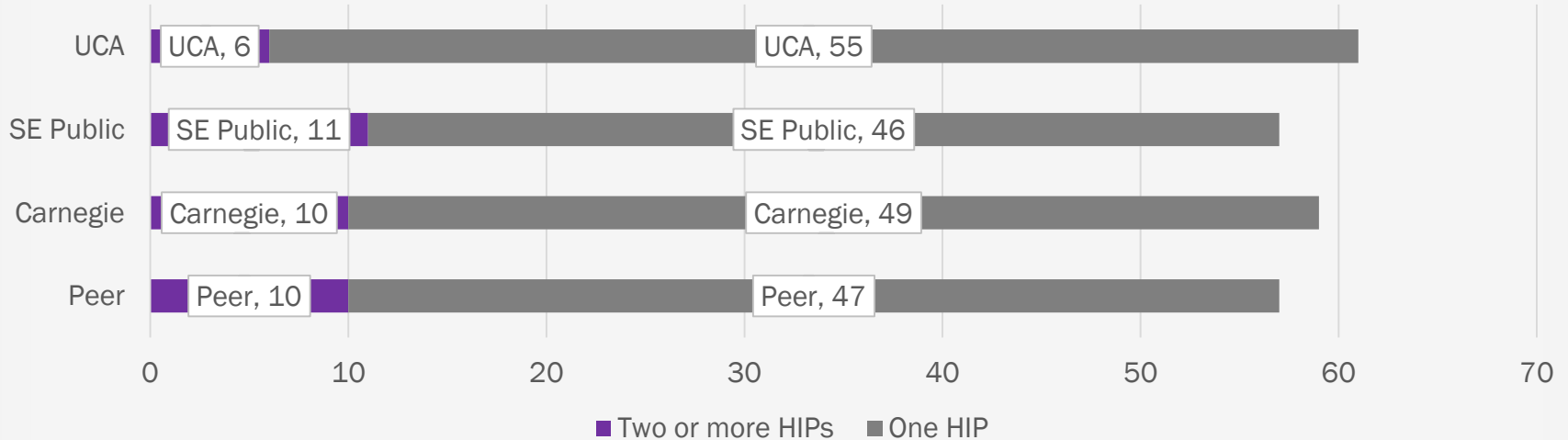
- High Impact Practices (HIPs) have positive associations with student learning and retention.
- NSSE recommends that institutions should aspire for all students to participate in at least two HIPs over the course of their undergraduate experience
- NSSE surveys students on six different HIPs

Six NSSE High Impact Practices

- Service-Learning
- Learning Community
- Research with Faculty
- Internship or Field Experience
- Study Abroad
- Culminating Senior Experience

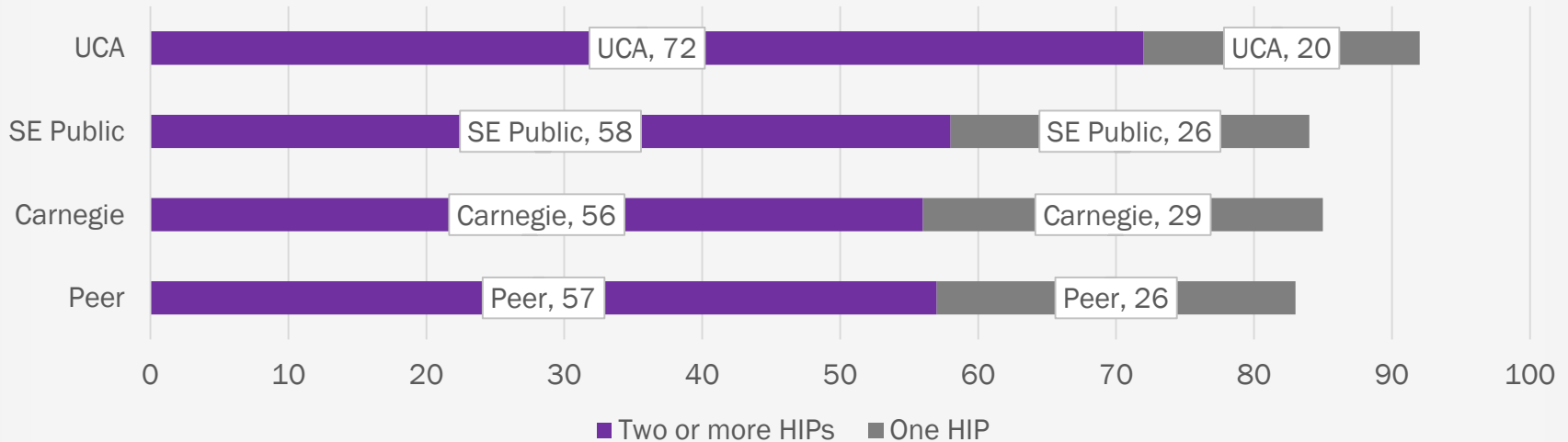
Overall High Impact Practices Participation

First Year



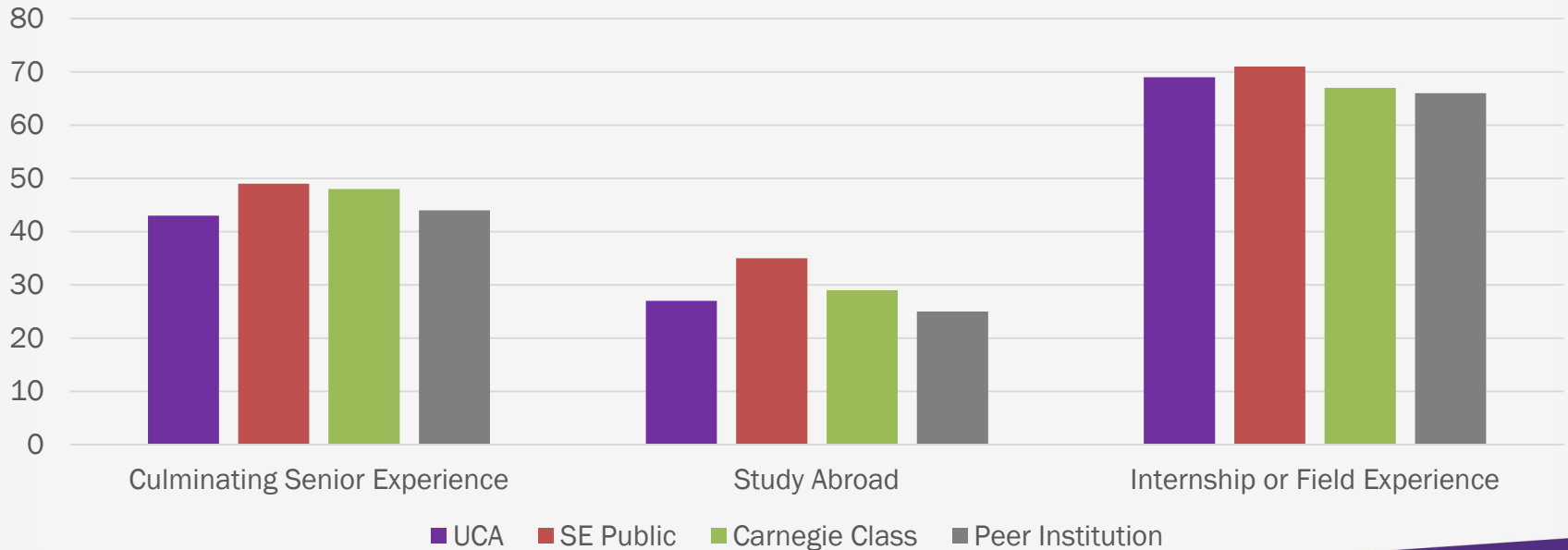
Overall High Impact Practices Participation

Senior



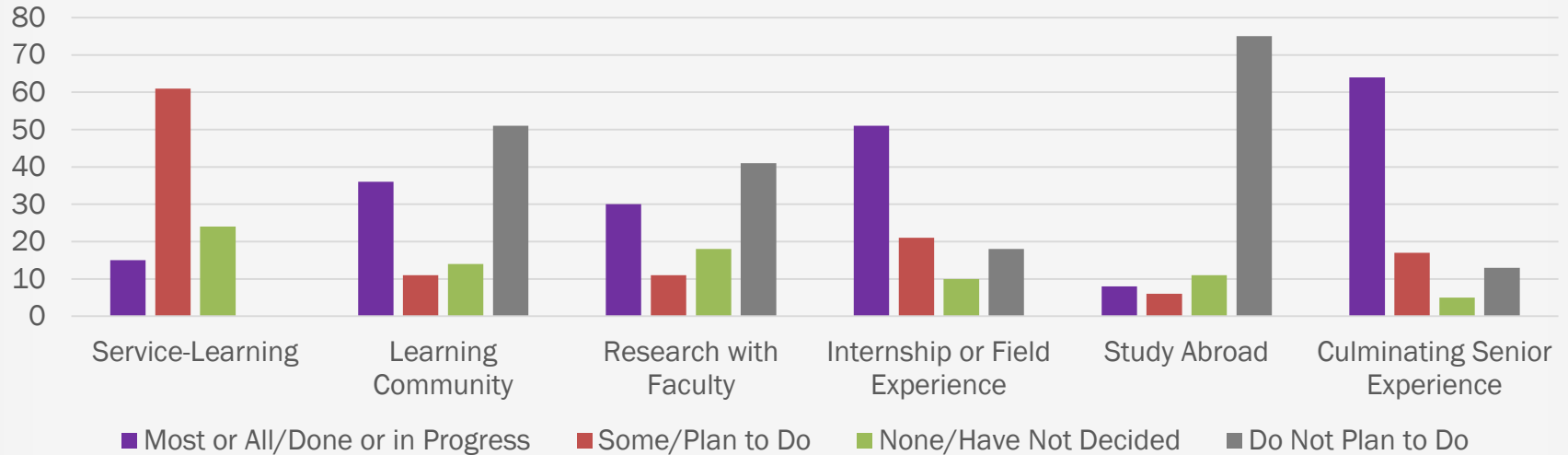
Plan to Participate in High Impact Practices

First Year



High Impact Practices

Seniors



The answers “Most or All, Some, and None” are only for Service-Learning



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QUESTIONS?



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THANK YOU