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**NSSE 2020**  
**Engagement Indicators**  
Middle Georgia State University

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## About Your *Engagement Indicators* Report

<i>Theme</i>	<i>Engagement Indicator</i>
	Higher-Order Learning
	Reflective & Integrative Learning
	Learning Strategies



## Academic Challenge: First-year students

Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote student learning by challenging and supporting them to engage in various forms of deep learning. Four Engagement Indicators are part of this theme:

### Mean Comparisons

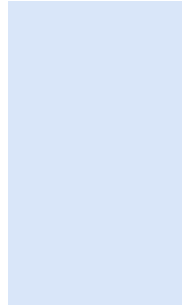
*Engagement Indicator*

Higher-Order Learning

Reflective & Integrative Learning

Learning Strategies

Quantitative Reasoning



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### Score Distributions

# NSSE 2020 Engagement Indicators

## Academic Challenge

### Middle Georgia State University

#### Academic Challenge: First-year students (continued)

##### Performance on Indicator Items

The table below displays how your students responded to each EI item, and the difference, in percentage points, between your students and those of your comparison group. Blue bars indicate how much higher your institution's percentage is from that of the comparison group. Dark red bars indicate how much lower your institution's percentage is from that of the comparison group.

	Middle Georgia State	Percentage point difference <sup>a</sup> between your FY students and		
		Georgia System	Southeast Enrollment	NSSE 2019 & 2020
<b>Higher-Order Learning</b>				
<i>Percentage responding "Very much" or "Quite a bit" about how much coursework emphasized...</i>				
	%			
4b. Applying facts, theories, or methods to practical problems or new situations	66	-4	-4	-5
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	66	-1	-3	-3
4d. Evaluating a point of view, decision, or information source	70	+2	-1	+1
4e. Forming a new idea or understanding from various pieces of information	69	+2	-1	-0
<b>Reflective &amp; Integrative Learning</b>				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
2a. Combined ideas from different courses when completing assignments	47	+0	-4	-4
2b. Connected your learning to societal problems or issues	52	+3	+1	+1
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	55	+4	+3	+4
2d. Examined the strengths and weaknesses of your own views on a topic or issue	66	+5	+2	+3
2e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	73	+4	+1	+2
2f. Learned something that changed the way you understand an issue or concept	71	+7	+4	+4
2g. Connected ideas from your courses to your prior experiences and knowledge	76	+2	-0	-1
<b>Learning Strategies</b>				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
9a. Identified key information from reading assignments	76	+3	+0	+1
9b. Reviewed your notes after class	74	+5	+3	+8
9c. Summarized what you learned in class or from course materials	69	+3	+1	+5
<b>Quantitative Reasoning</b>				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
6a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	57	+2	+3	+4
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	43	+2	+1	+2
6c. Evaluated what others have concluded from numerical information	44	+3	+2	+4

Notes: Refer to your *Frequencies and Statistical Comparisons* report for full distributions and significance tests. Item numbering corresponds to the survey facsimile available on the NSSE website.

a. Percentage point difference = Institution percentage – Comparison group percentage. Because results are rounded to whole numbers, differences of less than 1 point may or may not display a bar. Small, but nonzero differences may be represented as +0 or -0.





# NSSE 2020 Engagement Indicators

## Learning with Peers

### Middle Georgia State University

#### Learning with Peers: First-year students

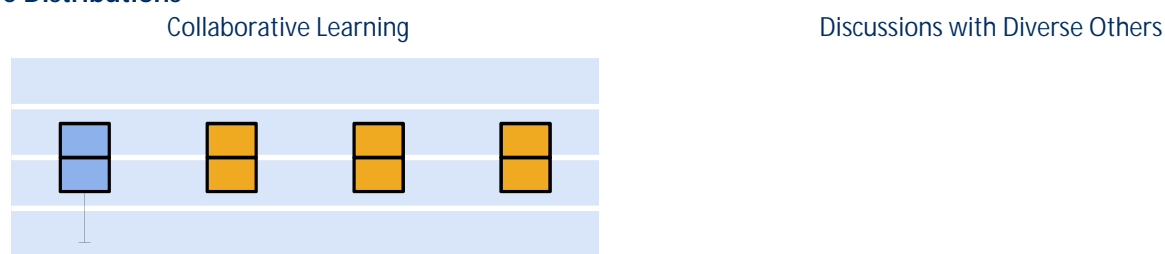
Collaborating with others in mastering difficult material and developing interpersonal and social competence prepare students to deal with complex, unscripted problems they will encounter during and after college. Two Engagement Indicators make up this theme: *Collaborative Learning* and *Discussions with Diverse Others*. Below are three views of your results alongside those of your comparison groups.

#### Mean Comparisons

Engagement Indicator	Middle Georgia State Mean	Your first-year students compared with					
		Georgia System		Southeast Enrollment		NSSE 2019 & 2020	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Collaborative Learning	29.1	32.2 ***	-.21	32.9 ***	-.26	32.3 ***	-.21
Discussions with Diverse Others	36.6	40.7 ***	-.26	39.7 **	-.20	39.5 **	-.19

Notes: Results weighted by institution-reported sex and enrollment status (and institution size for comparison groups); Effect size: Mean difference divided by pooled standard deviation; Symbols on the Overview page are based on effect size and *p* before rounding; \**p* < .05, \*\**p* < .01, \*\*\**p* < .001 (2-tailed).

#### Score Distributions



Notes: Each box-and-whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot represents the mean score. Refer to Detailed Statistics for your institution's sample sizes.

#### Performance on Indicator Items

The table below displays how your students responded to each EI item, and the difference, in percentage points, between your students and those of your comparison group. Blue bars indicate how much higher your institution's percentage is from that of the comparison group. Dark red bars indicate how much lower your institution's percentage is from that of the comparison group.

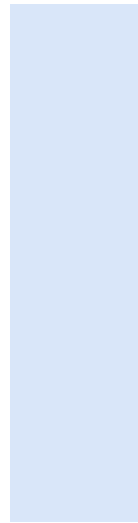
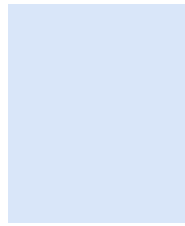
Collaborative Learning	Middle Georgia State	Percentage point difference <sup>a</sup> between your FY students and		
		Georgia System	Southeast Enrollment	NSSE 2019 & 2020
Percentage of students who responded that they "Very often" or "Often"...				
	%			
1e. Asked another student to help you understand course material	46	-5	-8	-7
1f. Explained course material to one or more students	53	-4	-5	-5
1g. Prepared for exams by discussing or working through course material with other students	43	-6	-8	-7
1h. Worked with other students on course projects or assignments	48	-6	-8	-7
Discussions with Diverse Others				
Percentage of students who responded that they "Very often" or "Often" had discussions with...				
8a. People of a race or ethnicity other than your own	70	-6	+0	-1
8b. People from an economic background other than your own	67	-5	-5	-4
8c. People with religious beliefs other than your own	56	-12	-10	-10
8d. People with political views other than your own	57	-9	-9	-7

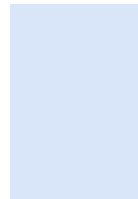
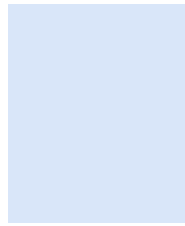
Notes: Refer to your *Frequencies and Statistical Comparisons* report for full distributions and significance tests. Item numbering corresponds to the survey facsimile available on the NSSE website.

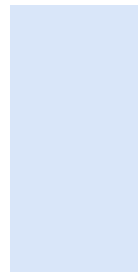
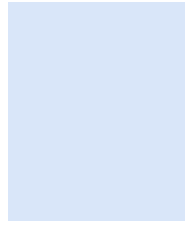
a. Percentage point difference = Institution percentage - Comparison group percentage. Because results are rounded to whole numbers, differences of less than 1 point may or may not display a bar. Small, but nonzero differences may be represented as +0 or -0.







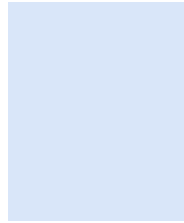




# Campus Environment: Seniors

## Mean Comparisons

*Engagement Indicator*  
 Quality of Interactions  
 Supportive Environment



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## Score Distributions

## Performance on Indicator Items

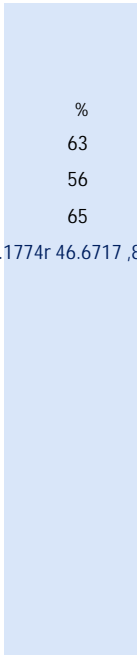
### Quality of Interactions

13a. Students

13b. Academic advisors

13c. Faculty

13d. Student serl0ricator ItemsAcademic advisor8r0.176 0.383 56 0 0 7.56 46.6717 842m8r8r0.1774r 46.6717 ,842 7.56 43.2vin.6c46.62Susing, etc.) 12.24 9.26 re W n 0717 231.12 Tm (1



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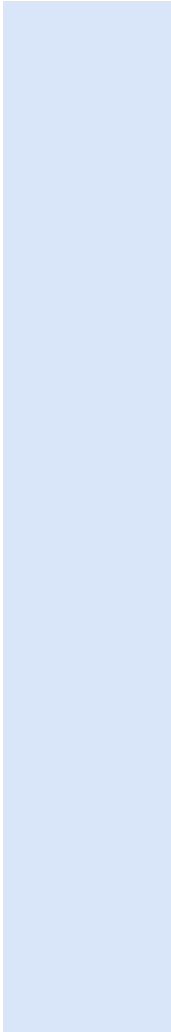
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# Comparisons with Top 50% and Top 10% Institutions

First-Year Students

Higher-Order Learning



# NSSE 2020 Engagement Indicators

## Detailed Statistics<sup>a</sup>

### Middle Georgia State University

#### Detailed Statistics: First-Year Students

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SE <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
Middle Georgia State (N = 277)	37.8	14.3	.86	15	25	40	45	60				
Georgia System	37.8	14.2	.17	15	30	40	45	60	7,500	.0	.986	-.001
Southeast Enrollment	38.3	13.5	.16	20	30	40	50	60	7,035	-.5	.511	-.040
NSSE 2019 & 2020	38.1	13.2	.03	20	30	40	45	60	277	-.3	.745	-.021
Top 50%	39.3	13.1	.04	20	30	40	50	60	278	-1.6	.073	-.119
Top 10%	41.4	12.8	.10	20	35	40	50	60	283	-3.6	.000	-.282
<b>Reflective &amp; Integrative Learning</b>												
Middle Georgia State (N = 303)	35.5	12.9	.74	14	26	34	43	60				
Georgia System	34.4	12.7	.14	14	26	34	43	57	8,288	1.1	.154	.083
Southeast Enrollment	35.4	12.4	.14	17	26	34	43	57	7,698	.1	.890	.008
NSSE 2019 & 2020	35.2	12.0	.03	17	26	34	43	57	303	.3	.669	.026
Top 50%	36.7	11.8	.04	17	29	37	46	57	303	-1.2	.103	-.103
Top 10%	39.0	11.7	.10	20	31	40	49	60	312	-3.5	.000	-.297
<b>Learning Strategies</b>												
Middle Georgia State (N = 256)	40.8	14.3	.89	20	33	40	53	60				
Georgia System	38.8	14.1	.17	20	27	40	47	60	6,917	2.0	.026	.142
Southeast Enrollment	39.5	13.8	.17	20	27	40	53	60	6,611	1.3	.141	.094
NSSE 2019 & 2020	38.3	13.8	.03	20	27	40	47	60	157,714	2.5	.003	.184
Top 50%	39.9	13.7	.05	20	33	40	53	60	80,025	.9	.296	.065
Top 10%	42.3	14.1	.11	20	33	40	53	60	17,630	-1.5	.086	-.108
<b>Quantitative Reasoning</b>												
Middle Georgia State (N = 268)	29.8	17.8	1.09	0	20	27	40	60				
Georgia System	28.7	15.9	.19	0	20	27	40	60	284	1.1	.323	.068
Southeast Enrollment	28.8	15.8	.20	0	20	27	40	60	285	1.0	.355	.064
NSSE 2019 & 2020	28.2	15.3	.04	0	20	27	40	60	268	1.6	.141	.105
Top 50%	29.4	15.2	.05	7	20	27	40	60	268	.4	.727	.025
Top 10%	31.4	15.3	.10	7	20	33	40	60	272	-1.6	.150	-.103
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
Middle Georgia State (N = 317)	29.1	15.9	.90	5	20	30	40	60				
Georgia System	32.2	14.7	.15	10	20	30	40	60	9,269	-3.0	.000	-.207
Southeast Enrollment	32.9	14.4	.16	10	20	30	40	60	336	-3.8	.000	-.262
NSSE 2019 & 2020	32.3	14.7	.03	5	20	30	40	60	317	-3.1	.001	-.212
Top 50%	35.2	13.7	.04	15	25	35	45	60	317	-6.0	.000	-.439
Top 10%	37.4	13.5	.09	15	30	40	45	60	322	-8.3	.000	-.608
<b>Discussions with Diverse Others</b>												
Middle Georgia State (N = 260)	36.6	16.8	1.05	10	20	40	50	60				
Georgia System	40.7	16.2	.20	15	30	40	60	60	6,984	-4.1	.000	-.255
Southeast Enrollment	39.7	15.6	.19	15	30	40	55	60	277	-3.1	.004	-.196
NSSE 2019 & 2020	39.5	15.6	.04	15	30	40	55	60	259	-2.9	.006	-.186
Top 50%	41.5	15.0	.05	20	30	40	55	60	260	-4.8	.000	-.324
Top 10%	43.6	14.5	.10	20	35	45	60	60	263	-7.0	.000	-.482





## Detailed Statistics: Seniors

	<i>Mean</i>	<i>SD<sup>b</sup></i>	<i>SE<sup>c</sup></i>	<i>5th</i>	<i>25th</i>	<i>50th</i>	<i>75th</i>	<i>95th</i>	<i>Deg. of freedom<sup>e</sup></i>	<i>Mean diff.</i>	<i>Sig.<sup>f</sup></i>	<i>Effect size<sup>g</sup></i>
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
Middle Georgia State (N = 287)	41.4	13.7	.81	20	30	40	55	60				
Georgia System	40.2	13.8	.14	15	30	40	50	60	10,075	1.2	.133	.090
Southeast Enrollment	40.8	13.5	.14	20	30	40	50	60	9,208	.6	.428	.048
NSSE 2019 & 2020	40.1	13.5	.03	20	30	40	50	60	263,217	1.3	.100	.097
Top 50%	41.7	13.4	.04	20	35	40	55	60	116,029	-.3	.704	-.022
Top 10%	43.2	13.3	.08	20	35	40	55	60	28,500	-1.8	.026	-.132
<b>Reflective &amp; Integrative Learning</b>												
Middle Georgia State (N = 298)	37.8	12.7	.74	17	29	37	49	60				
Georgia System	38.0	12.6	.12	17	29	37	49	60	10,985	-.2	.828	-.013
Southeast Enrollment	38.3	12.6	.13	20	29	37	49	60	9,824	-.5	.499	-.040
NSSE 2019 & 2020	38.1	12.5	.02	17	29	37	46	60	279,029	-.2	.729	-.020
Top 50%	39.8	12.2	.04	20	31	40	49	60	115,511	-2.0	.005	-.164
Top 10%	41.8	12.0	.09	20	34	40	51	60	18,879	-4.0	.000	-.328
<b>Learning Strategies</b>												
Middle Georgia State (N = 280)	43.2	14.7	.88	20	33	40	60	60				
Georgia System	39.4	14.7	.15	13	27	40	53	60	9,461	3.8	.000	.260
Southeast Enrollment	40.5	14.4	.16	20	33	40	53	60	8,820	2.7	.002	.189
NSSE 2019 & 2020	38.6	14.6	.03	13	27	40	53	60	252,044	4.6	.000	.314
Top 50%	40.7	14.5	.04	20	33	40	53	60	128,560	2.5	.004	.175
Top 10%	42.7	14.4	.0154	(.461)-2752.449-327		40	40	40		.37(01321660.8(2.5)-2244	533.8)-2244	.0028

## Detailed Statistics: Seniors

<i>Mean</i>	<i>SD<sup>b</sup></i>	<i>SE<sup>c</sup></i>	<i>5th</i>	<i>25th</i>	<i>50th</i>	<i>75th</i>	<i>95th</i>	<i>Deg. of freedom<sup>e</sup></i>	<i>Mean diff.</i>	<i>Sig.<sup>f</sup></i>	<i>Effect sit.5</i>
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