NSSE 2016
Engagement Indicators

Lamar University

About Your Engagement Indicators Report

Theme	Engagement Indicator
	Higher-Order Learning
	Reflective & Integrative Learning
	Learning Strategies
	Quantitative Reasoning
	Collaborative Learning
	Discussions with Diverse Others
	Student-Faculty Interaction
	Effective Teaching Practices
	Quality of Interactions

Engagement Indicators: Overview

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 sie less than .3 in magnitude.

-- No significant difference.

Your students' average was significantly lower (p < .05) with an effect sie less than .3 in magnitude.

Your students' average was significantly lower (p < .05) with an effect size at least .3 in magnitude.

NSSE 2016 Engagement Indicators

Academic Challenge

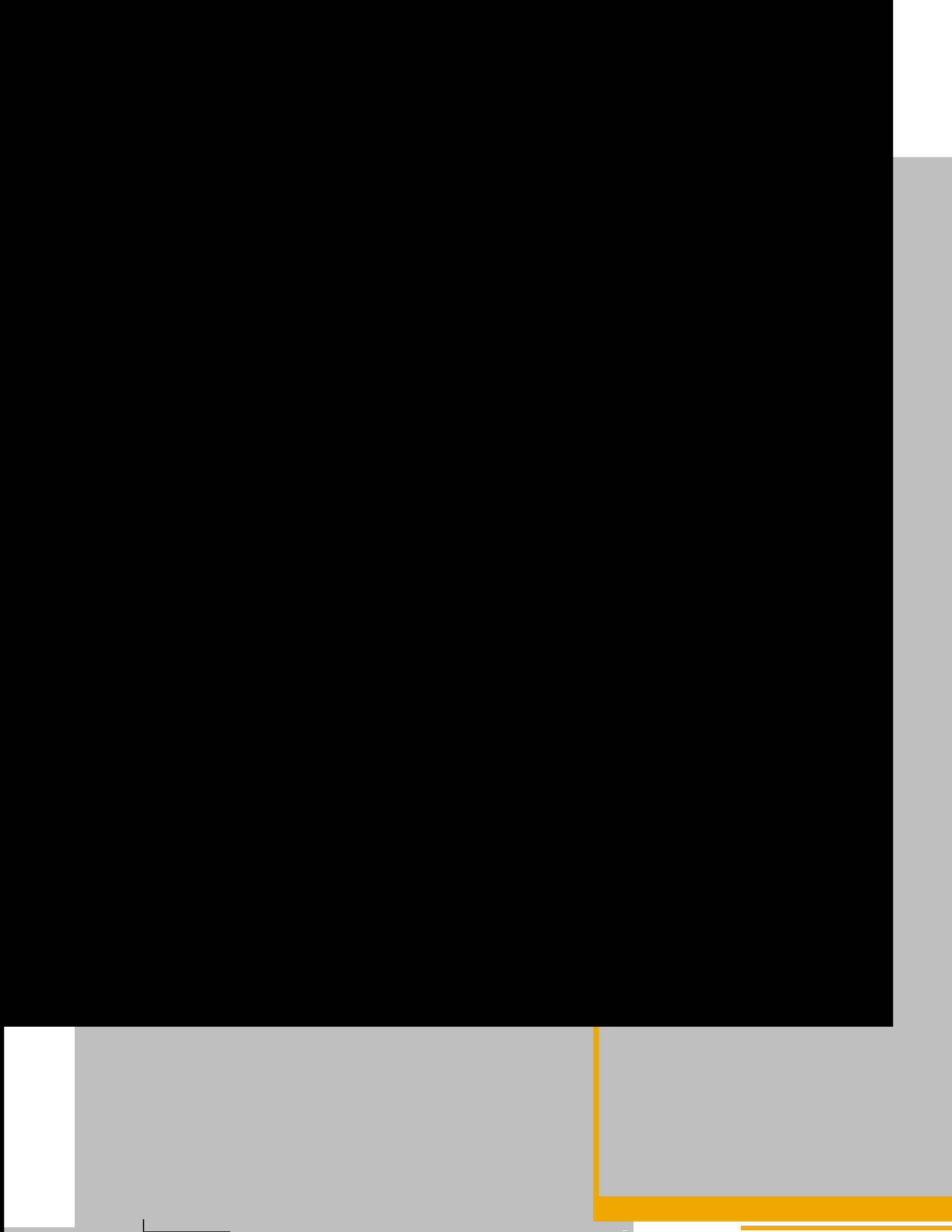### Lamar University1 Tf T.J61d(4)-5(n n)(2)ca100 Td (0

Academic Challenge: First-year students

Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities pro mote student learning by challenging and supporting them to engage in various forms of deep learning. Four Engagement Indicators are part of this theme:*Higher-Order Learning, Reflective & Integrative Learning, Learning Strategies,* and *Quantitative Reasoning.* Below and on the next page are three views of your results alongside those of your comparison groups.

Mean Comparisons

	Lamar	*Your first-year students compared with*		
		Southwest Public	Carnegie Class	NSSE 2015 & 2016
Engagement Indicator				
Higher-Order Learning		**	***	***
Reflective & Integrative Learning		***	***	***
Learning Strategies			***	**
Quantitative Reasoning				

Score Distributions

NSSE 2016 Engagement Indicators

Academic Challenge
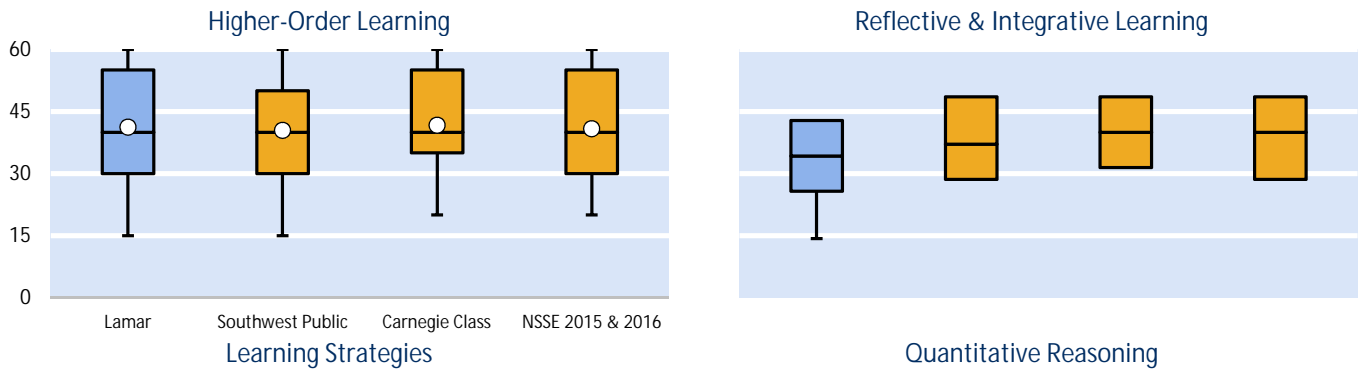## Lamar University

Academic Challenge: Seniors

Challenging intellectual and creative work is central to student learning and college 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: *Higher-Order Learning, Reflective & Integrative Learning, Learning Strategies,* and *Quantitative Reasoning.*
Below and on the next page are three views of your results alongside those of your comparison groups.
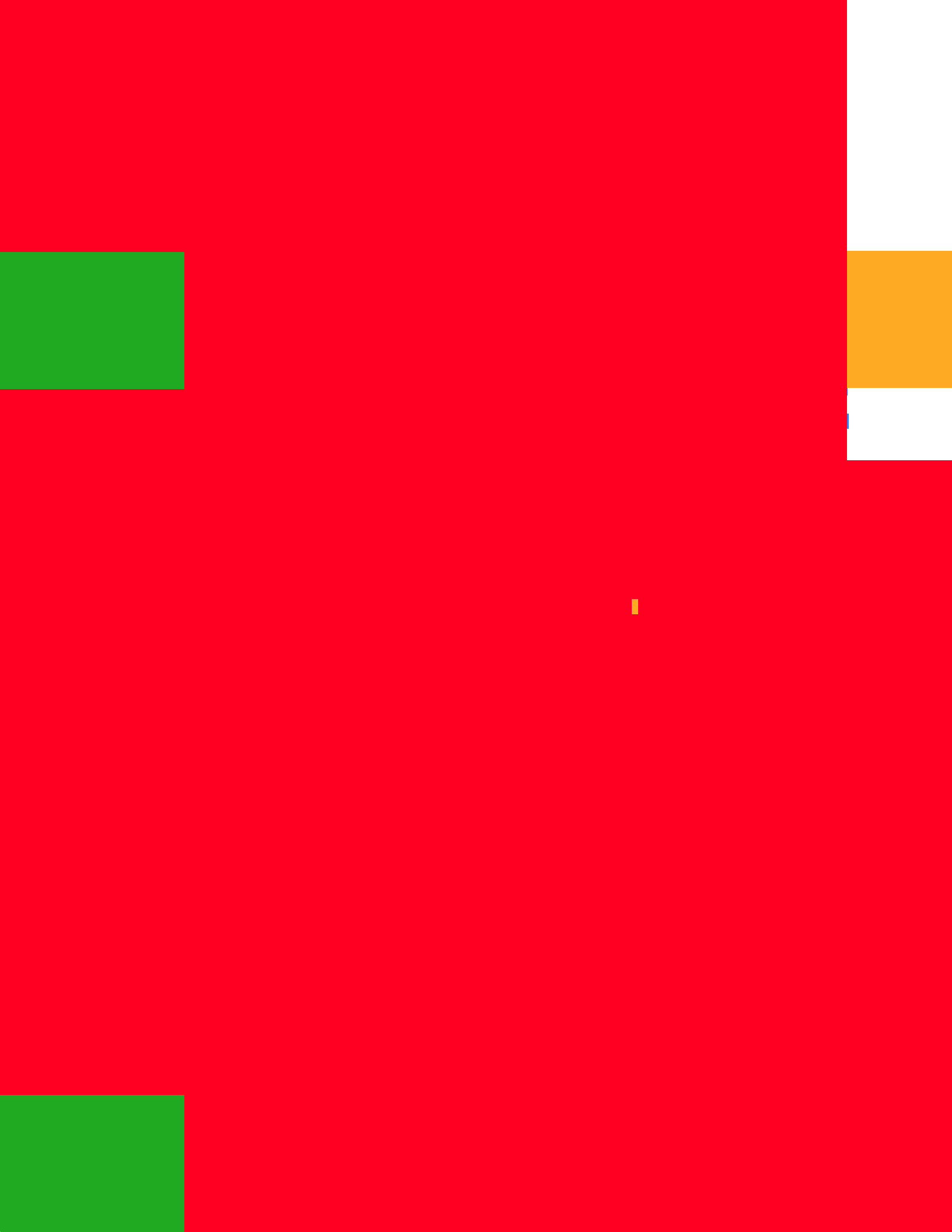
Mean Comparisons

| | Lamar | Your seniors compared with | | | | | |
| | | Southwest Public | | Carnegie Class | | NSSE 2015 & 2016 | |
Engagement Indicator	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
Higher-Order Learning	41.2	40.4	.06	41.7	-.03	40.9	.03
Reflective & Integrative Learning	35.5	37.6 **	-.16	39.4 ***	-.30	38.7 ***	-.25
Learning Strategies	40.9	40.1	.06	41.2	-.02	39.9	.07
Quantitative Reasoning	31.3	30.1	.07	29.9	.08	30.3	.06

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

Score Distributions

Higher-Order Learning
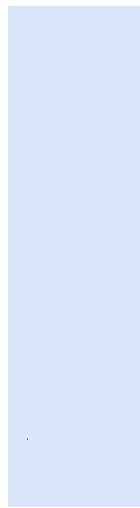
Reflective & Integrative Learning

Learning Strategies

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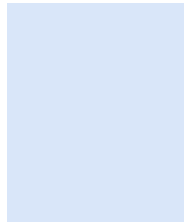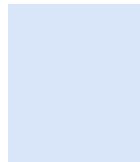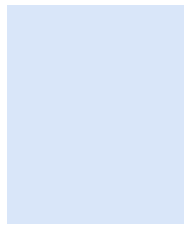
Notes: Each box-and-whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot represents the mean score. Refer to Detailed Statistics for your institution's sample sizes.
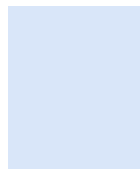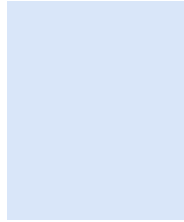
Experiences with Faculty: Seniors

Mean Comparisons

Engagement Indicator

Student-Faculty Interaction　　　　　　　　　　　　　　　　　　　　　　***

Effective Teaching Practices　　　　*　　　　　　　　**　　　　　　**
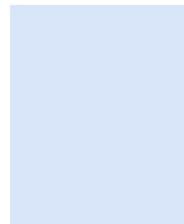
Score Distributions

Performance on Indicator Items

Student-Faculty Interaction

Percentage of students who responded that they "Very often" or "Often"...　　　%

3a. Talked about career plans with a faculty member — 35

3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.) — 25

3c. Discussed course topics, ideas, or concepts with a faculty member outside of class — 25

3d. Discussed your academic performance with a faculty member — 30

Effective Teaching Practices

5a. Clearly explained course goals and requirements — 76

5b. Taught course sessions in an organized way — 73

5c. Used examples or illustrations to explain difficult points — 71

5d. Provided feedback on a draft or work in progress — 52

5e. Provided prompt and detailed feedback on tests or completed assignments — 60
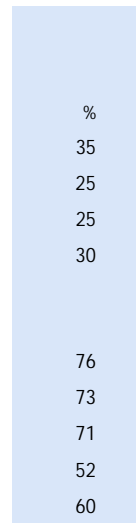
Notes: Refer to your *Frequencies and Statistical Comparisons* report for full distributions and significance tests. Item numbering corresponds to the survey facsimile included in your *Institutional Report*

Campus Environment: Seniors

Mean Comparisons

Engagement Indicator

Quality of Interactions	42.4	.07	43.2
Supportive Environment	**		32.0	*

Score Distributions

Performance on Indicator Items

Quality of Interactions

Percentage rating their interactions a 6 or 7 (on a scale from 1="Poor" to 7="Excellent") with...

	%			
13a. Students	59			
13b. Academic advisors	63			
13c. Faculty	56			
13d. Student services staff (career services, student activities, housing, etc.)	41			
13e. Other administrative staff and offices (registrar, financial aid, etc.)	44			

Supportive Environment

Percentage responding "Very much" or "Quite a bit" about how much the institution emphasized...

	%			
14b. Providing support to help students succeed academically	68			
14c. Using learning support services (tutoring services, writing center, etc.)	65	-2	-4	-2
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	54	-2	-3	-0
14e. Providing opportunities to be involved socially	61			
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	53			
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	33		-0	+1
14h. Attending campus activities and events (performing arts, athletic events, etc.)	46	-12	-2	-10
14i. Attending events that address important social, economic, or political issues	40	-4	+0	-4

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Comparisons with Top 50% and Top 10% Institutions

First-Year Students

Higher-Order Learning	***	***
Reflective and Integrative Learning	***	***
Learning Strategies	***	***
Quantitative Reasoning	**	***
Collaborative Learning	***	***
Discussions with Diverse Others	***	***
Student-Faculty Interaction	***	***
Effective Teaching Practices	***	***
Quality of Interactions	***	***
Supportive Environment	***	***

Seniors

Higher-Order Learning	**	***
Reflective and Integrative Learning	***	***
Learning Strategies		***
Quantitative Reasoning		

Detailed Statistics: First-Year Students

	Mean	SD[b]	SEM[c]		5th	25th	50th	75th	95th	Deg. of freedom[e]	Mean diff.	Sig.[f]	Effect size[g]
Academic Challenge													
Higher-Order Learning													
Lamar (N = 296)	36.0	14.4	.84		15	25	35	45	60				
Southwest Public	38.3	13.9	.13		15	30	40	50	60	11,656	-2.4	.004	-.169
Carnegie Class	39.2	14.2	.10		15	30	40	50	60	18,626	-3.2	.000	-.227
NSSE 2015 & 2016	38.8	13.7	.04		20	30	40	50	60	127,904	-2.8	.000	-.205
Top 50%	40.5	13.6	.06		20	30	40	50	60	60,178	-4.6	.000	-.335
Top 10%	42.7	13.7	.12		20	35	40	55	60	13,043	-6.7	.000	-.490
Reflective & Integrative Learning													
Lamar (N = 308)	31.9	12.9	.73		11	23	31	40	57				
Southwest Public	34.9	12.6	.12		17	26	34	43	60	12,206	-3.0	.000	-.239
Carnegie Class	36.3	12.8	.09		17	29	37	46	60	19,515	-4.3	.000	-.340
NSSE 2015 & 2016	35.6	12.5	.03		17	26	34	43	60	133,777	-3.7	.000	-.296
Top 50%	37.4	12.5	.05		17	29	37	46	60	63,260	-5.5	.000	-.438
Top 10%	39.5	12.8	.12		20	31	40	49	60	12,284	-7.6	.000	-.596
Learning Strategies													
Lamar (N = 253)	36.1	15.7	.98		13	27	33	47	60				
Southwest Public	38.1	14.3	.14		13	27	40	47	60	262	-1.9	.055	-.134
Carnegie Class	40.3	14.5	.11		20	27	40	53	60	259	-4.1	.000	-.284
NSSE 2015 & 2016	39.2	14.1	.04		20	27	40	53	60	253	-3.0	.002	-.215

NSSE 2016 Engagement Indicators

Detailed Statistics[a]
Lamar University

Detailed Statistics: First-Year Students

	Mean statistics			Percentile[d] scores					Comparison results			
	Mean	SD[b]	SEM[c]	5th	25th	50th	75th	95th	Deg. of freedom[e]	Mean diff.	Sig.[f]	Effect size[g]
Experiences with Faculty												
Student-Faculty Interaction												
SD Lamar (N = 299)	18.4	14.9	.86	0	5	15	25	50				
Southwest Public	20.9	15.2	.14	0	10	20	30	50	11,902	-2.4	.007	-.158
Carnegie Class	19.4	15.0	.11	0	10	15	30	50	19,034	-1.0	.253	-.067
NSSE 2015 & 2016	20.5	14.7	.04	0	10	20	30	50	130,612	-2.0	.016	-.139

Detailed Statistics: Seniors

	Mean	SD[b]	SEM[c]		5th	25th	50th	75th	95th	Deg. of freedom[e]	Mean diff.	Sig.[f]	Effect size[g]
Academic Challenge													

NSSE 2016 Engagement Indicators

Detailed Statistics[a]
Lamar University

Detailed Statistics: Seniors

	Mean statistics			Percentile[d] scores					Comparison results			
	Mean	*SD*[b]	*SEM*[c]	*5th*	*25th*	*50th*	*75th*	*95th*	*Deg. of freedom*[e]	*Mean diff.*	*Sig.*[f]	*Effect size*[g]
Experiences with Faculty												