



*America's Brightest **ORANGE***

***OKLAHOMA STATE UNIVERSITY***

University Assessment and Testing

2012 National Survey of Student Engagement: Mean Responses and  
Demographics of Respondents

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## Overview

### Survey Purpose

The purpose of this survey was to examine the extent to which current Oklahoma State University (OSU) students were engaged in educationally purposeful activities. The National Survey of Student Engagement (NSSE) is a survey that gathers data on the “behaviors by students and institutions that are associated with desired outcomes of college” (<http://nsse.iub.edu/html/about.cfm>).

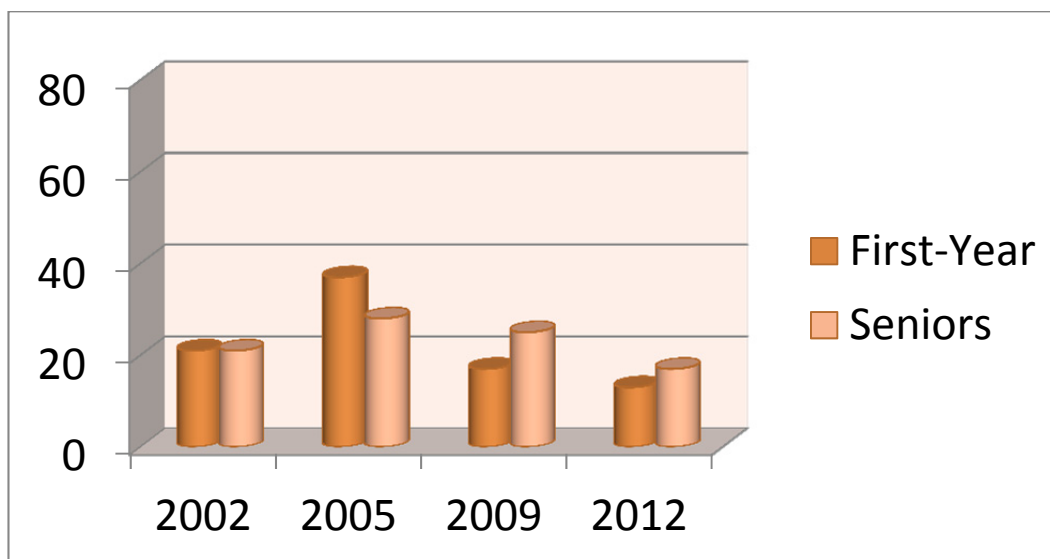
### Comparison Groups

The Instruction Council identified three groups of institutions to provide comparisons for OSU’s NSSE results. Instruction Council examined the complete list of institutions that participated in the 2012 NSSE and identified institutions that were considered to be aspirational, those that were considered to be less competitive, and those that were considered to be similar (peers). The institutions in the comparison groups are shown in Table 1.

### Response Rate

In 2012 emails were sent to 3,809 first-year students and 5,353 seniors in the spring semester of 2012. A total of 485 first-year respondents completed the survey, resulting in a 13% response rate. A total of 917 seniors completed the survey, resulting in a 17% response rate. In 2012 the overall response rate was 15%. This response rate was slightly lower than that of aspirational institutions (18%), less competitive institutions (18%), and institutions categorized as peers (22%). Figure 1 provides the response rate for OSU’s first-year students and seniors across each year of data collection (i.e. 2002, 2005, 2009, and 2012). The overall response rate in 2002 was 21%, in 2005 it was 37.5%, and in 2009 it was 21%.

**Figure 1. Response Rate across Time and Student Classification for OSU Students**



**Table 1. Selected Comparison Groups**

	<b>Institution</b>	<b>City</b>	<b>State</b>
<b>Peer Institutions</b>	Colorado State University	Fort Collins	CO
	George Mason University	Fairfax	VA
	Texas Tech University	Lubbock	TX
	University of Louisville	Louisville	KY
	University of Missouri-Columbia	Columbia	MO
	University of Oregon	Eugene	OR
	Washington State University	Pullman	WA
<b>Less Competitive</b>	Boise State University	Boise	ID
	California State University – Dominguez Hills	Carson	CA
	East Carolina University	Greenville	NC
	Indiana University – Purdue University Fort Wayne	Fort Wayne	IN
	Missouri State University	Springfield	MO
	Northern Illinois University	Dekalb	IL
	Southern Illinois University – Carbondale	Carbondale	IL
	University of Mississippi	Oxford	MS
	University of Texas at Arlington	Arlington	TX
	University of Texas at San Antonio	San Antonio	TX
Western Kentucky University	Bowling Green	KY	
<b>Aspirational Institutions</b>	Auburn University	Auburn	AL
	Clemson University	Clemson	SC
	Indiana University	Bloomington	IN
	Rutgers University	New Brunswick	NJ
	University of Arizona	Tucson	AZ
	University of Illinois at Urbana-Champaign	Urbana	IL
	University of Kentucky	Lexington	KY
	University of Michigan-Ann Arbor	Ann Arbor	MI
	University of South Carolina	Columbia	SC
	SUNY-Buffalo State College	Buffalo	NY
University of Miami	Coral Gables	FL	



## Overview of Demographic Characteristics

Across all respondents, approximately 89% were full-time students (95% first-year and 83% seniors), 62.5% were female (68% first-year and 57% seniors), and 52% were transfer students (7% first-year and 45% seniors). All sampled first-year students were indicated that they were less than 24 years-old, whereas only 64% of OSU seniors indicated they were under the age of 24. Table 2 provides an overview of how these demographic characteristics differed across each institutional comparison group.

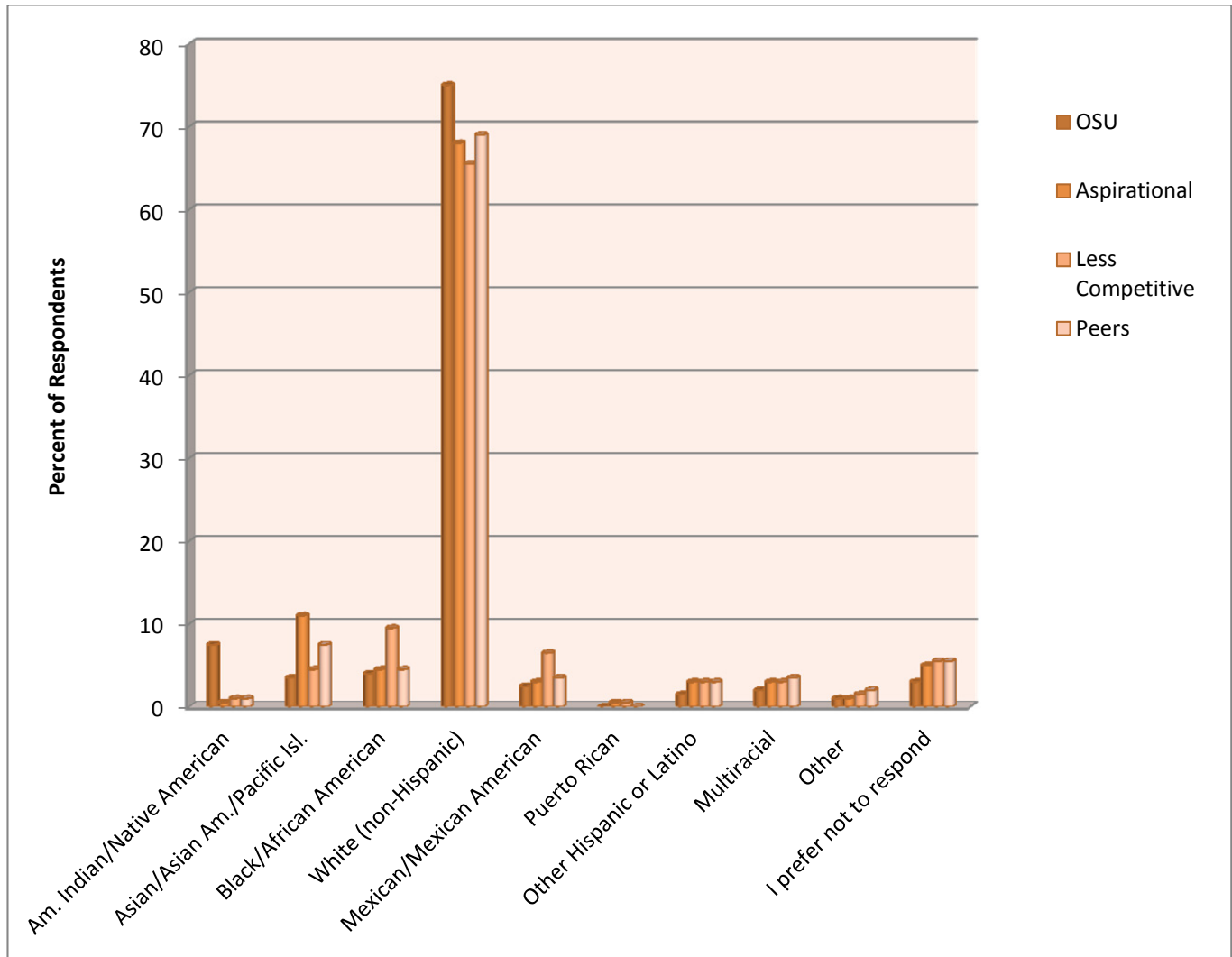
Table 2. Demographic Characteristics

		OSU	Aspirational	Less Competitive	Similar Institutions
<b>Response Rate</b>	First-year	13%	18%	15%	20%
	Seniors	17%	19%	20%	23%
<b>Full-Time</b>	First-year	95%	99%	96%	97%
	Seniors	83%	90%	82%	86%
<b>Female</b>	First-year	68%	64%	66%	62%
	Seniors	57%	59%	43%	59%
<b>Transfer Students</b>	First-year	7%	6%	6%	8%
	Seniors	45%	27%	56%	45%
<b>Under 24</b>	First-year	100%	84%	94%	98%
	Seniors	64%	94%	53%	69%

The percentage of respondents under each racial/ethnic category across comparison institutions are provided in Figure 2. Notably, OSU students tended to have a higher proportion of respondents who identified as American Indian / Native American and a lower number of both Black / African American than institutions classified as being less competitive. Aspirational institutions also had a higher proportion of respondents who identified as Asian / Asian American / Pacific Islander than OSU students.



**Figure 2. Race/Ethnicity Demographics across Institutional Comparison Groups**



**Mean Differences between Selected Comparison Groups**

Individual items were examined for statistical significance between OSU and the selected groups of comparison institutions. Detailed comparisons are provided in the remaining tables.

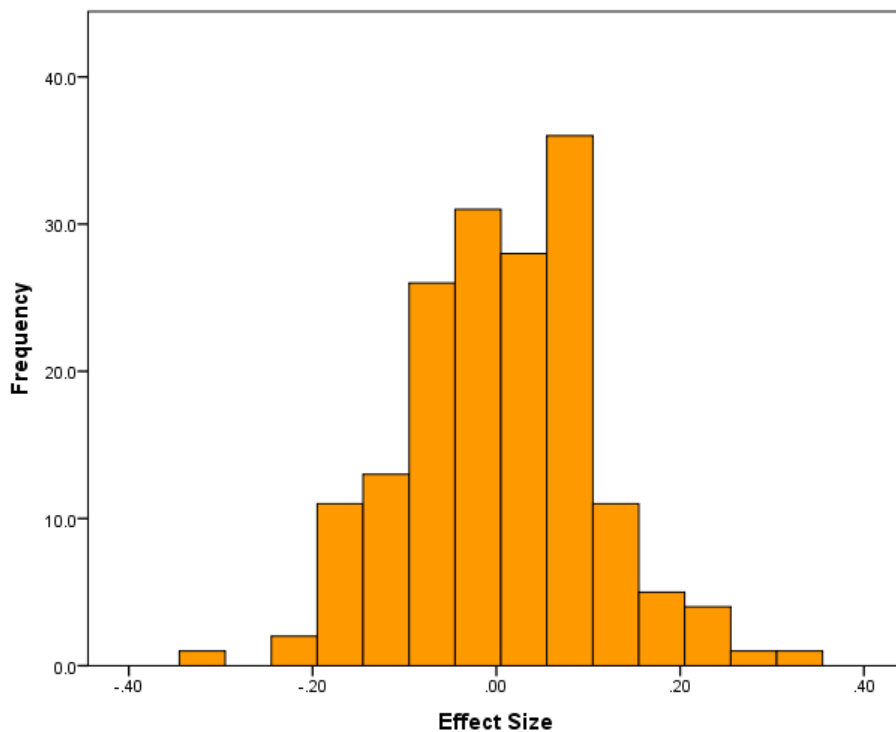
It should be noted that tests of statistical significance are influenced by sample size. Increases in sample size, while holding everything else constant, makes it easier to find a statistically significant difference. This could cause trivial differences to become statistically significant when working with large samples. Given these considerations, it is important to examine estimates of effect size, which reflect the extent to which the distributions of both groups overlap irrespective of sample size.



A review of effect size estimates indicates that most differences, though often statistically significant, are relatively small in magnitude. For example, when examining mean differences between OSU's seniors and seniors at similar institutions, the largest effect size is  $-.32$  and pertains to an item that asks students to identify the number of books and assigned readings for the current school year. Though OSU seniors, on average, score lower than seniors at institutions judged to be similar, the effect size estimate indicates that about 63% of OSU seniors are below the average score of seniors at similar institutions. With respect to differences that are in favor OSU students, the largest effect size is  $.33$  and pertains to differences between first-year students reporting the extent to which they have participated in activities aiming to enhance their spirituality. The magnitude of this effect would conversely suggest that a little more than 63% of first-year students at similar institutions are below the average of first-year students at OSU.

The distribution of effect size estimates across each item suggests that these estimates are relatively normally distributed (see Figure 3). Negative effect size estimates indicate items where OSU students scored lower than comparison institutions whereas positive effect size estimates indicate differences on items where OSU students scored higher than the comparison institutions. On average, the absolute value of effect size estimates was  $.08$  ( $SD = .06$ ) which suggests that across all items there tends to be substantial overlap between the distribution OSU students and the distribution of students at the comparison institutions. The standard deviation of effect sizes indicates that, on average, items tend to fluctuate in effect size estimates by  $.06$  points. Put differently, across the entire NSSE survey the distribution of OSU students and that of selected peers tend to be very similar. With such caveats in place, an overview of statistically significant differences is now provided.

**Figure 3. Distribution of Effect Size across each Items**



## Areas where OSU Outperformed Peer Institutions

There were many areas where OSU's scores were significantly higher than the selected peer institutions, including:

### *First-year students*

- Number of written papers or reports between 5 and 19 pages.
- Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.).
- Community service or volunteer work.
- Work on a research project with a faculty member outside of course or program requirements.
- Relationships with other students.
- Relationships with faculty members.
- Relationships with administrative personnel and offices.
- Participating in co-curricular activities.
- Spending significant amounts of time studying and on academic work.
- Developing a deepened sense of spirituality.
- Quality of academic advising at your institution.
- Your entire educational experience at this institution.
- If you could start over again, would you go to the same institution you are now attending?

### *Senior students*

- Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.).
- Relationships with other students.
- Relationships with faculty members.
- Relationships with administrative personnel and offices.
- Your entire educational experience at this institution.
- If you could start over again, would you go to the same institution you are now attending?

## Areas where OSU Underperformed Peer Institutions

There were many areas where OSU's scores were significantly lower than the selected peer institutions, including:

### *First-year students*

- Made a class presentation.
- Had serious conversation with students of a different race or ethnicity than your own.
- Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values.
- Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships.
- Attended an art exhibit, play, dance, music, theater, or other performance.
- Foreign language coursework.
- Working for pay off campus.





- Used an electronic medium to discuss or complete an assignment.

*Senior students*

- Number of written papers or reports between 5 and 19 pages.
- Participated in a community-based project (e.g., service learning) as part of a regular course.
- Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships.
- Number of assigned textbooks, books, or book-length packs of course readings.
- Attended an art exhibit, play, dance, music, theater, or other performance.



### Academic and Intellectual Experiences

*In your experience at this institution during the current school year, about how often have you done each of the following?*

	Class Rank	Percent indicating “often” or “very often”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Asked questions in class or contributed to class discussions.	1 <sup>st</sup> Year	53%	2.63	2.71*	-.10	2.69	-.08	3.45***	.02
	Senior	67%	2.95	2.93	.02	3.07***	-.14	3.45***	-.03
Made a class presentation	1 <sup>st</sup> Year	18%	1.92	2.17***	-.32	2.24***	-.39	2.04**	-.16
	Senior	54%	2.64	2.62	.03	2.69	-.05	2.64	.01
Prepared two or more drafts of a paper or assignment before turning it in	1 <sup>st</sup> Year	49%	2.53	2.52	.01	2.74***	-.21	2.52	.01
	Senior	44%	2.43	2.28***	.15	2.57***	-.14	2.46	-.03
Worked on a paper or project that required integrating ideas or information from various sources	1 <sup>st</sup> Year	76%	3.02	3.05	-.03	3.14**	-.14	3.02	.00
	Senior	84%	3.26	3.25	.01	3.29	-.04	3.34**	-.11
Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	1 <sup>st</sup> Year	55%	2.63	2.72*	-.10	2.78***	-.17	2.72	-.09
	Senior	52%	2.61	2.72**	-.11	2.81***	-.20	2.77***	-.16
Come to class without completing readings or assignments	1 <sup>st</sup> Year	25%	2.14	2.10	.05	2.05*	.12	2.10	.06
	Senior	31%	2.25	2.25	.00	2.03***	.26	2.17*	.09



### Academic and Intellectual Experiences

*In your experience at this institution during the current school year, about how often have you done each of the following?*

	Class Rank	Percent indicating “often” or “very often”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Worked with other students on projects during class	1 <sup>st</sup> Year	41%	2.38	2.44	-.06	2.44	-.07	2.28*	.12
	Senior	50%	2.59	2.46***	.14	2.59	.00	2.49**	.11
Worked with classmates outside of class to prepare class assignments	1 <sup>st</sup> Year	46%	2.48	2.57*	-.10	2.35**	.14	2.45	.03
	Senior	63%	2.86	2.86	-.01	2.72***	.15	2.85	.01
Put together ideas or concepts from different courses when completing assignments or during class discussions	1 <sup>st</sup> Year	55%	2.61	2.65	-.05	2.64	-.03	2.65	-.04
	Senior	70%	2.97	2.97	.00	2.95	.02	3.02	-.06
Tutored or taught other students (paid or voluntary)	1 <sup>st</sup> Year	19%	1.82	1.80	.02	1.69**	.16	1.75	.08
	Senior	24%	1.91	1.94	-.03	1.82*	.09	1.90	.01
Participated in a community-based project (e.g., service learning) as part of a regular course	1 <sup>st</sup> Year	13%	1.59	1.54	.06	1.59	.00	1.55	.04
	Senior	12%	1.52	1.66***	-.16	1.72***	-.21	1.70***	-.19
Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	1 <sup>st</sup> Year	52%	2.56	2.83***	-.27	2.65	-.09	2.71	-.14
	Senior	59%	2.78	2.94***	-.17	2.89**	-.10	2.89	-.11



### Academic and Intellectual Experiences

*In your experience at this institution during the current school year, about how often have you done each of the following?*

	Class Rank	Percent indicating "often" or "very often"	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Used e-mail to communicate with an instructor	1 <sup>st</sup> Year	77%	3.16	3.19	-.04	3.21	-.06	3.16	.00
	Senior	87%	3.43	3.43	.00	3.41	.03	3.43	.00
Discussed grades or assignments with an instructor	1 <sup>st</sup> Year	50%	2.62	2.56	.16	2.66	-.04	2.53*	.10
	Senior	61%	2.83	2.72***	.03	2.80	.04	2.77*	.07
Talked about career plans with a faculty member or advisor	1 <sup>st</sup> Year	35%	2.29	2.15**	.16	2.22	.07	2.19*	.12
	Senior	44%	2.43	2.40	.03	2.36*	.08	2.37	.07
Discussed ideas from your readings or classes with faculty members outside of class	1 <sup>st</sup> Year	18%	1.79	1.85	-.07	1.87	-.09	1.81	-.03
	Senior	24%	1.97	2.03	-.06	2.04	-.06	2.04*	-.07
Received prompt written or oral feedback from faculty on your academic performance	1 <sup>st</sup> Year	56%	2.64	2.64	.00	2.67	-.04	2.57	.08
	Senior	57%	2.66	2.73*	-.08	2.80***	-.16	2.70	-.05
Worked harder than you thought you could to meet an instructor's standards or expectations	1 <sup>st</sup> Year	57%	2.68	2.68	.00	2.74	-.07	2.63	.06
	Senior	57%	2.70	2.69	.02	2.83***	-.15	2.73	-.03



### Academic and Intellectual Experiences

*In your experience at this institution during the current school year, about how often have you done each of the following?*

	Class Rank	Percent indicating "often" or "very often"	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	1 <sup>st</sup> Year	16%	1.70	1.62	.09	1.65	.06	1.61*	.10
	Senior	26%	1.91	1.90	.01	1.75***	.16	1.84	.06
Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	1 <sup>st</sup> Year	53%	2.66	2.71	-.06	2.72	-.07	2.71	-.06
	Senior	62%	2.82	2.84	-.03	2.90**	-.10	2.90*	-.09
Had serious conversations with students of a different race or ethnicity than your own	1 <sup>st</sup> Year	47%	2.50	2.74***	-.24	2.61*	-.11	2.63**	-.13
	Senior	50%	2.58	2.80***	-.22	2.68**	-.10	2.67*	-.09
Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values	1 <sup>st</sup> Year	51%	2.59	2.76***	-.18	2.64	-.05	2.73**	-.15
	Senior	52%	2.65	2.81***	-.16	2.67	-.02	2.74*	-.09



## Mental Activities

*During the current school year, how much has your coursework emphasized the following mental activities?*

	Class Rank	Percent indicating “quite a bit” or “very much”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form	1 <sup>st</sup> Year	69%	2.93	2.97	-.05	3.04**	-.14	3.02*	-.12
	Senior	62%	2.81	2.85	-.05	2.87	-.07	2.86	-.06
Analyzing the basic elements of an idea, experience, or theory, such as examining a particular case or situation in depth and considering its components	1 <sup>st</sup> Year	82%	3.16	3.27**	-.15	3.11	.06	3.17	.00
	Senior	83%	3.23	3.32***	-.12	3.32***	-.12	3.32**	-.11
Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships	1 <sup>st</sup> Year	63%	2.78	3.02***	-.30	2.90**	-.14	2.93***	-.18
	Senior	72%	2.99	3.11***	-.14	3.12***	-.15	3.10***	-.13
Making judgments about the value of info., arguments, or methods, such as examining how others gathered and interpreted data and assessing the soundness of their conclusions	1 <sup>st</sup> Year	67%	2.84	2.93*	-.11	2.94*	-.12	2.89	-.07
	Senior	72%	2.96	3.00	-.05	3.06***	-.12	3.02	-.06
Applying theories or concepts to practical problems or in new situations	1 <sup>st</sup> Year	76%	3.08	3.18*	-.12	3.06	.02	3.07	.01
	Senior	81%	3.24	3.26	-.02	3.28	-.05	3.24	.00



## Reading and Writing

*During the current school year, about how much reading and writing have you done?*

	Class Rank	Percent indicating "11-20" or "more than 20"	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Number of assigned textbooks, books, or book-length packs of course readings	1 <sup>st</sup> Year	28%	3.10	3.22**	-.13	3.09	.02	3.18	-.08
	Senior	20%	2.80	3.06***	-.25	3.08***	-.27	3.12***	-.32
Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	1 <sup>st</sup> Year	6%	1.99	1.98	.01	1.99	.01	1.98	.01
	Senior	9%	2.20	2.16	.04	2.17	.03	2.17	.03
Number of written papers or reports of 20 pages or more	1 <sup>st</sup> Year	1%	1.18	1.25**	-.11	1.25*	-.11	1.24*	-.09
	Senior	1%	1.54	1.58	-.05	1.62**	-.10	1.58	-.06
Number of written papers or reports between 5 and 19 pages	1 <sup>st</sup> Year	5%	2.28	2.33	-.05	2.16**	.16	2.13***	.19
	Senior	11%	2.34	2.50***	-.17	2.44**	-.11	2.51***	-.17
Number of written papers or reports of fewer than 5 pages	1 <sup>st</sup> Year	26%	2.96	2.94	.03	2.87*	.10	2.90	.06
	Senior	27%	2.86	3.01***	-.13	2.86	.00	3.04***	-.15



## Problem Sets

*In a typical week, how many homework problem sets do you complete?*

	Class Rank	Percent indicating “5-6” or “more than 6”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Number of problem sets that take you more than an hour to complete	1 <sup>st</sup> Year	24%	2.87	2.87	.00	2.75*	.10	2.80	.06
	Senior	25%	2.78	2.61***	.14	2.81	-.02	2.73	.04
Number of problem sets that take you less than an hour to complete	1 <sup>st</sup> Year	22%	2.76	2.77	-.01	2.87	-.08	2.82	-.04
	Senior	16%	2.38	2.29*	.07	2.46	-.07	2.36	.01

## Examinations

	Class Rank	Percent indicating “6” or “very much”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Select the circle that best represents the extent to which your examinations during the current school year have challenged you to do your best work.	1 <sup>st</sup> Year	55%	5.53	5.59	-.06	5.43	.08	5.49	.03
	Senior	54%	5.48	5.43	.04	5.58*	-.08	5.47	.00





### Additional Collegiate Experiences

*During the current school year, about how often have you done each of the following?*

	Class Rank	Percent indicating "often" or "very often"	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Attended an art exhibit, play, dance, music, theater, or other performance	1 <sup>st</sup> Year	16%	1.86	2.04***	-.20	2.00**	-.15	2.07***	-.24
	Senior	17%	1.80	2.01***	-.23	1.85	-.06	1.95***	-.16
Exercised or participated in physical fitness activities	1 <sup>st</sup> Year	65%	2.96	2.92	.04	2.77***	.19	2.99	-.04
	Senior	55%	2.74	2.89***	-.15	2.65*	.09	2.86**	-.12
Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	1 <sup>st</sup> Year	41%	2.36	1.97***	.36	1.96***	.37	1.99***	.33
	Senior	40%	2.28	1.99***	.27	2.13***	.13	2.01***	.24
Examined the strengths and weaknesses of your own views on a topic or issue	1 <sup>st</sup> Year	48%	2.56	2.58	-.02	2.59	-.03	2.62	-.06
	Senior	55%	2.65	2.70	-.06	2.73*	-.08	2.73*	-.08
Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	1 <sup>st</sup> Year	58%	2.73	2.76	-.03	2.78	-.06	2.80	-.08
	Senior	61%	2.80	2.86	-.07	2.87*	-.08	2.90**	-.11
Learned something that changed the way you understand an issue or concept	1 <sup>st</sup> Year	61%	2.81	2.88	-.08	2.88	-.08	2.88	-.08
	Senior	64%	2.85	2.91*	-.08	2.91	-.07	2.92*	-.09



## Enriching Educational Experiences

Which of the following have you done or do you plan to do before you graduate from your institution?

	Class Rank	Percent indicating “plan to do” or “done”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Practicum, internship, field experience, co-op experience, or clinical assignment	1 <sup>st</sup> Year	90%	.06	.07	-.04	.06	-.01	.08*	-.09
	Senior	76%	.50	.60***	-.22	.42***	.16	.49	.02
Community service or volunteer work	1 <sup>st</sup> Year	87%	.50	.41***	.18	.37***	.26	.41**	.17
	Senior	76%	.63	.67**	-.10	.54***	.17	.63	.00
Participate in a learning community or some other formal program where groups of students take two or more classes together	1 <sup>st</sup> Year	43%	.19	.17	.05	.19	.02	.25**	-.13
	Senior	36%	.29	.26	.07	.24**	.12	.28	.02
Work on a research project with a faculty member outside of course or program requirements	1 <sup>st</sup> Year	47%	.09	.06	.11	.06	.11	.05**	.16
	Senior	33%	.20	.30***	-.22	.16**	.10	.21	-.02
Foreign language coursework	1 <sup>st</sup> Year	41%	.13	.33***	-.44	.15	-.08	.21***	-.20
	Senior	41%	.33	.53***	-.40	.32	.03	.42***	-.18
Study abroad	1 <sup>st</sup> Year	53%	.02	.02	-.03	.03	-.08	.03	-.05
	Senior	26%	.15	.21***	-.14	.09***	.23	.16	-.03



### Enriching Educational Experiences

*Which of the following have you done or do you plan to do before you graduate from your institution?*

	Class Rank	Percent indicating “ <i>plan to do</i> ” or “ <i>done</i> ”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Independent study or self-designed major	1 <sup>st</sup> Year	15%	.03	.03	.01	.03	.02	.04	-.02
	Senior	26%	.18	.16	.06	.15**	.10	.15*	.10
Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)	1 <sup>st</sup> Year	46%	.01	.02*	-.08	.02*	-.09	.02**	-.10
	Senior	70%	.39	.30***	.20	.23***	.38	.36	.06

### Quality of Relationships

*Select the circle that best represents the quality of your relationships with people at your institution.*

	Class Rank	Percent indicating “6” or “friendly, supportive, sense of belonging”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Relationships with other students	1 <sup>st</sup> Year	67%	5.77	5.54***	.17	5.41***	.25	5.52***	.18
	Senior	66%	5.77	5.64**	.09	5.61***	.12	5.60***	.13



### Quality of Relationships

Select the circle that best represents the quality of your relationships with people at your institution.

	Class Rank	Percent indicating “6” or “available, helpful, sympathetic”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Relationships with faculty members	1 <sup>st</sup> Year	46%	5.26	5.15	.09	5.15	.08	5.11*	.12
	Senior	57%	5.46	5.30***	.12	5.43	.02	5.34*	.09

### Quality of Relationships

Select the circle that best represents the quality of your relationships with people at your institution.

	Class Rank	Percent indicating “6” or “helpful, considerate, flexible”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Relationships with administrative personnel and offices	1 <sup>st</sup> Year	41%	5.04	4.70***	.23	4.75***	.19	4.73***	.21
	Senior	39%	4.83	4.65**	.12	4.78	.03	4.67**	.10



**Time Usage**

About how many hours do you spend in a typical 7-day week doing each of the following?

	Class Rank	Percent indicating “26-30 hrs/wk” or “more than 30 hrs/wk”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	1 <sup>st</sup> Year	10%	4.39	4.64***	-.15	4.15**	.15	4.36	.02
	Senior	15%	4.31	4.49**	-.10	4.38	-.04	4.48**	-.10
Working for pay on campus	1 <sup>st</sup> Year	0%	1.53	1.47	.06	1.38*	.13	1.50	.03
	Senior	4%	2.10	2.02	.05	1.67***	.27	1.98	.07
Working for pay off campus	1 <sup>st</sup> Year	1%	1.56	1.52	.03	2.22***	-.32	1.82***	-.15
	Senior	21%	3.37	2.44***	.42	3.98***	-.21	3.13*	.09
Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	1 <sup>st</sup> Year	4%	2.78	2.53**	.16	2.20***	.37	2.46***	.20
	Senior	3%	2.31	2.52***	-.13	1.91***	.27	2.20	.07
Relaxing and socializing (watching TV, partying, etc.)	1 <sup>st</sup> Year	6%	3.82	3.79	.02	3.74	.05	3.84	-.01
	Senior	6%	3.52	3.75***	-.15	3.36**	.10	3.54	-.01
Providing care for dependents living with you (parents, children, spouse, etc.)	1 <sup>st</sup> Year	0%	1.22	1.35**	-.13	1.73***	-.33	1.38***	-.15
	Senior	10%	2.20	1.61***	.37	2.93***	-.29	2.05	.07



**Time Usage**

About how many hours do you spend in a typical 7-day week doing each of the following?

	Class Rank	Percent indicating "26-30 hrs/wk" or "more than 30 hrs/wk"	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Commuting to class (driving, walking, etc.)	1 <sup>st</sup> Year	1%	2.26	2.33	-.07	2.41**	-.14	2.27	-.01
	Senior	1%	2.39	2.37	.02	2.44	-.04	2.34	.05



## Institutional Environment

To what extent does your institution emphasize each of the following?

	Class Rank	Percent indicating “quite a bit” or “very much”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Spending significant amounts of time studying and on academic work	1 <sup>st</sup> Year	86%	3.24	3.23	.01	3.16*	.10	3.16*	.11
	Senior	80%	3.15	3.18	-.04	3.18	-.04	3.14	.02
Providing the support you need to help you succeed academically	1 <sup>st</sup> Year	85%	3.19	3.13	.07	3.07**	.15	3.08**	.13
	Senior	73%	2.98	2.94	.05	2.94	.05	2.93	.06
Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	1 <sup>st</sup> Year	59%	2.71	2.78	-.08	2.71	.00	2.76	-.05
	Senior	49%	2.50	2.58*	-.08	2.56	-.05	2.52	-.02
Helping you cope with your non-academic responsibilities (work, family, etc.)	1 <sup>st</sup> Year	35%	2.25	2.25	.01	2.25	.00	2.27	-.02
	Senior	26%	1.96	1.99	-.03	1.97	-.01	1.98	-.02
Providing the support you need to thrive socially	1 <sup>st</sup> Year	54%	2.56	2.55	.02	2.52	.05	2.55	.01
	Senior	41%	2.30	2.33	-.03	2.23*	.08	2.28	.03
Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	1 <sup>st</sup> Year	73%	2.99	2.96	.04	2.80***	.20	2.96	.04
	Senior	62%	2.78	2.84	-.07	2.55***	.23	2.73	.05



## Institutional Environment

To what extent does your institution emphasize each of the following?

	Class Rank	Percent indicating “quite a bit” or “very much”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Using computers in academic work	1 <sup>st</sup> Year	86%	3.38	3.38	.00	3.31	.09	3.27**	.14
	Senior	89%	3.49	3.47	.02	3.43*	.07	3.43*	.07





## Educational and Personal Growth

*To what extent has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?*

	Class Rank	Percent indicating “quite a bit” or “very much”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Acquiring a broad general education	1 <sup>st</sup> Year	81%	3.17	3.17	-.01	3.17	.00	3.16	.01
	Senior	82%	3.25	3.24	.01	3.21	.05	3.19*	.07
Acquiring job or work-related knowledge and skills	1 <sup>st</sup> Year	67%	2.89	2.86	.03	2.72***	.17	2.81	.08
	Senior	76%	3.11	3.04*	.08	3.10	.02	3.04*	.08
Writing clearly and effectively	1 <sup>st</sup> Year	70%	2.94	2.95	-.02	3.01	-.09	2.90	.04
	Senior	75%	3.07	3.07	.00	3.10	-.04	3.07	.00
Speaking clearly and effectively	1 <sup>st</sup> Year	55%	2.68	2.78*	-.11	2.89***	-.23	2.73	-.06
	Senior	70%	2.98	2.96	.03	2.99	-.01	2.92	.06
Thinking critically and analytically	1 <sup>st</sup> Year	85%	3.25	3.29	-.05	3.21	.05	3.20	.06
	Senior	86%	3.35	3.41*	-.08	3.36	-.01	3.35	.00
Analyzing quantitative problems	1 <sup>st</sup> Year	75%	3.05	3.10	-.05	2.98	.08	2.97	.09
	Senior	79%	3.18	3.15	.04	3.13	.06	3.11*	.08



## Educational and Personal Growth

To what extent has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

	Class Rank	Percent indicating “quite a bit” or “very much”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Using computing and information technology	1 <sup>st</sup> Year	72%	3.01	3.05	-.05	3.04	-.04	2.99	.03
	Senior	81%	3.23	3.17*	.07	3.21	.02	3.15**	.10
Working effectively with others	1 <sup>st</sup> Year	66%	2.92	3.02*	-.11	2.96	-.04	2.93	.00
	Senior	79%	3.19	3.18	.01	3.14	.06	3.12*	.08
Voting in local, state, or national elections	1 <sup>st</sup> Year	26%	1.97	1.86*	.12	1.95	.01	1.96	.01
	Senior	22%	1.87	1.99***	-.12	1.99***	-.11	1.96*	-.09
Learning effectively on your own	1 <sup>st</sup> Year	73%	2.99	2.99	-.01	2.95	.04	2.94	.06
	Senior	75%	3.02	3.12***	-.12	3.06	-.05	3.02	-.01
Understanding yourself	1 <sup>st</sup> Year	62%	2.80	2.81	-.02	2.82	-.03	2.81	-.01
	Senior	61%	2.75	2.90***	-.16	2.81	-.06	2.81	-.06
Understanding people of other racial and ethnic backgrounds	1 <sup>st</sup> Year	52%	2.56	2.69**	-.14	2.71**	-.16	2.65	-.10
	Senior	50%	2.53	2.71***	-.18	2.68***	-.15	2.60	-.07



## Educational and Personal Growth

To what extent has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

	Class Rank	Percent indicating “quite a bit” or “very much”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Solving complex real-world problems	1 <sup>st</sup> Year	60%	2.75	2.75	-.01	2.67	.08	2.69	.06
	Senior	66%	2.84	2.90	-.06	2.80	.04	2.82	.02
Developing a personal code of values and ethics	1 <sup>st</sup> Year	56%	2.65	2.70	-.05	2.68	-.03	2.68	-.03
	Senior	56%	2.64	2.74**	-.09	2.71	-.07	2.66	-.02
Contributing to the welfare of your community	1 <sup>st</sup> Year	48%	2.53	2.48	.05	2.40*	.13	2.47	.06
	Senior	45%	2.41	2.52**	-.10	2.48	-.07	2.45	-.03
Developing a deepened sense of spirituality	1 <sup>st</sup> Year	38%	2.15	1.98**	.16	2.07	.07	2.00**	.14
	Senior	25%	1.86	1.84	.02	1.88	-.02	1.76*	.09

## Academic Advising

	Class Rank	Percent indicating “good” or “excellent”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
Overall, how would you evaluate the quality of academic advising you have received at your institution?	1 <sup>st</sup> Year	88%	3.33	3.05***	.33	3.06***	.32	3.11***	.28
	Senior	75%	3.01	2.93*	.08	2.96	.06	2.92*	.09



**Satisfaction**

	Class Rank	Percent indicating “good” or “excellent”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
How would you evaluate your entire educational experience at this institution?	1 <sup>st</sup> Year	93%	3.33	3.30	.04	3.14***	.26	3.25*	.12
	Senior	88%	3.32	3.32	-.01	3.16***	.21	3.21***	.14

**Satisfaction**

	Class Rank	Percent indicating “probably yes” or “definitely yes”	OSU	Aspirational Institutions		Less Competitive		Similar Institutions	
				Mean	Effect Size	Mean	Effect Size	Mean	Effect Size
If you could start over again, would you go to the same institution you are now attending?	1 <sup>st</sup> Year	93%	3.48	3.38**	.13	3.20***	.34	3.32***	.22
	Senior	89%	3.46	3.37**	.12	3.18***	.33	3.25***	.25

