



## National Survey of Student Engagement

The University of Arizona

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Mean Comparisons

August 2009

# Interpreting the Mean Comparisons Report

## Sample

The *Mean Comparisons* report is based on information from all randomly selected students for both your institution and your comparison institutions. Targeted oversamples and other non-randomly selected students are not included in this report.

## Variables

The items from the NSSE survey appear in the left column in the same order and wording as they appear on the instrument. The name of each variable appears in the second column for easy reference to your data file and the summary statistics at the end of this section. Response options are also provided to help you interpret the statistics.

## Benchmark

Items that make up the five “Benchmarks of Effective Educational Practice” are indicated by the following:

**LAC**=Level of Academic Challenge

**ACL**=Active and Collaborative Learning

**SFI**=Student-Faculty Interaction

**EEE**=Enriching Educational Experiences

**SCE**=Supportive Campus Environment

## Mean

The mean is the *weighted* arithmetic average of student responses on a particular item. Means are provided for your institution and all comparison groups. For more information

about weighting go to:

[www.nsse.iub.edu/2009\\_Institutional\\_Report/NSSE\\_2009\\_Weighting.cfm](http://www.nsse.iub.edu/2009_Institutional_Report/NSSE_2009_Weighting.cfm).

## Class

Results are reported separately for first-year students (FY) and seniors (SR).

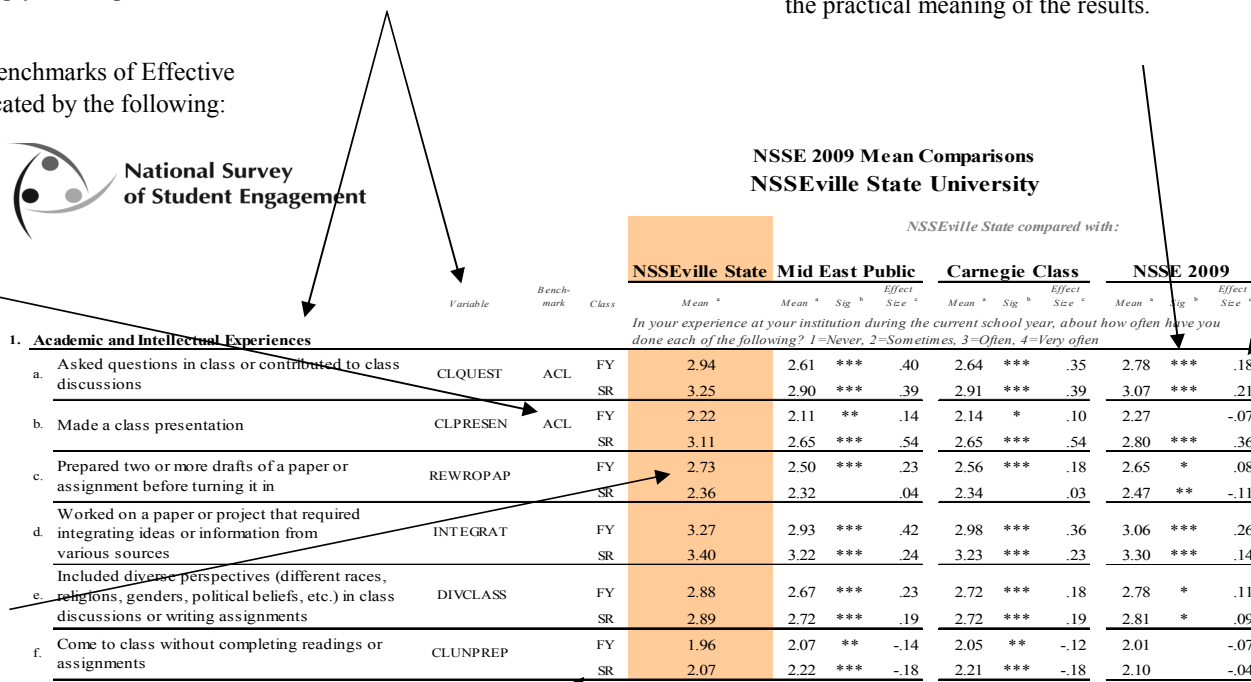
Institution-reported class ranks are used.

## Statistical Significance

Items with mean differences that are larger than would be expected by chance alone are noted with one, two, or three asterisks, referring to three significance levels ( $p < .05$ ,  $p < .01$ , and  $p < .001$ ). The smaller the significance level, the smaller the likelihood that the difference is due to chance. *Statistical significance does not guarantee the result is substantive or important.* Large sample sizes (like those produced by NSSE) tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. It is recommended to consult effect sizes (see below) to judge the practical meaning of the results.

## Effect Size

Effect size indicates the “practical significance” of the mean difference. It is calculated by dividing the mean difference by the pooled standard deviation. In practice, an effect size of .2 is often considered small, .5 moderate, and .8 large. A positive sign indicates that your institution's mean was greater, thus showing an affirmative result for your institution. A negative sign indicates the institution lags behind the comparison group, suggesting that the student behavior or



**NSSE 2009 Mean Comparisons  
NSSEville State University**

*NSSEville State compared with:*

Variable	Benchmark	Class	NSSEville State			Mid East Public			Carnegie Class			NSSE 2009		
			Mean *	Sig. <sup>b</sup>	Effect Size <sup>c</sup>	Mean *	Sig. <sup>b</sup>	Effect Size <sup>c</sup>	Mean *	Sig. <sup>b</sup>	Effect Size <sup>c</sup>	Mean *	Sig. <sup>b</sup>	Effect Size <sup>c</sup>
<i>In your experience at your institution during the current school year, about how often have you done each of the following? 1=Never, 2=Sometimes, 3=Often, 4=Very often</i>														
1. <b>Academic and Intellectual Experiences</b>														
a. Asked questions in class or contributed to class discussions	CLQUEST	ACL	2.94	2.61 ***	.40	2.64 ***	2.91 ***	.35	2.78 ***	.18	3.07 ***	.21		
		SR	3.25	2.90 ***	.39	2.91 ***	2.65 ***	.54	2.80 ***	.36				
b. Made a class presentation	CLPRESEN	ACL	2.22	2.11 **	.14	2.14 *	2.27	-.07						
		SR	3.11	2.65 ***	.54	2.65 ***	2.80 ***	.36						
c. Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP	FY	2.73	2.50 ***	.23	2.56 ***	2.65 *	.08						
		SR	2.36	2.32	.04	2.34	2.47 **	-.11						
d. Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT	FY	3.27	2.93 ***	.42	2.98 ***	3.06 ***	.26						
		SR	3.40	3.22 ***	.24	3.23 ***	3.30 ***	.14						
e. Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS	FY	2.88	2.67 ***	.23	2.72 ***	2.78 *	.11						
		SR	2.89	2.72 ***	.19	2.72 ***	2.81 *	.09						
f. Come to class without completing readings or assignments	CLUNPREP	FY	1.96	2.07 **	-.14	2.05 **	2.01	-.07						
		SR	2.07	2.22 ***	-.18	2.21 ***	2.10	-.04						

institutional practice represented by the item may warrant attention. An exception to this interpretation is the “coming to class unprepared” item (item 1f.) where a negative sign is preferred (i.e., meaning fewer students reporting coming to class unprepared).

				<i>Arizona compared with:</i>										
				Arizona		AAUDE			UA Selected Peers			Public High Research		
Variable	Benchmark	Class		Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	
<i>In your experience at your institution during the current school year, about how often have you done each of the following? 1=Never, 2=Sometimes, 3=Often, 4=Very often</i>														
<b>1. Academic and Intellectual Experiences</b>														
a.	Asked questions in class or contributed to class discussions	CLQUEST	ACL	FY	2.76	2.67	*	.10	2.61	***	.17	2.62	***	.16
				SR	2.90	2.92		-.02	2.90		.00	2.92		-.03
b.	Made a class presentation	CLPRESEN	ACL	FY	2.27	2.08	***	.25	2.03	***	.32	2.06	***	.27
				SR	2.65	2.61		.05	2.59		.07	2.63		.02
c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP		FY	2.78	2.42	***	.38	2.37	***	.42	2.49	***	.29
				SR	2.48	2.32	***	.17	2.31	***	.18	2.38	**	.11
d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT		FY	3.18	2.95	***	.29	2.91	***	.34	2.97	***	.26
				SR	3.30	3.30		.01	3.28		.03	3.27		.05
e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS		FY	2.75	2.76		-.01	2.70		.05	2.72		.03
				SR	2.77	2.74		.03	2.73		.04	2.73		.04
f.	Come to class without completing readings or assignments	CLUNPREP		FY	2.27	2.15	***	.15	2.16	**	.13	2.14	***	.16
				SR	2.30	2.33		-.03	2.33		-.04	2.27		.03
g.	Worked with other students on projects <b>during class</b>	CLASSGRP	ACL	FY	2.47	2.32	***	.17	2.30	***	.19	2.37	**	.11
				SR	2.52	2.41	**	.12	2.39	***	.14	2.45		.07
h.	Worked with classmates <b>outside of class</b> to prepare class assignments	OCCGRP	ACL	FY	2.67	2.57	**	.12	2.58	*	.11	2.49	***	.20
				SR	2.87	2.86		.01	2.87		.00	2.82		.05
i.	Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS		FY	2.61	2.65		-.04	2.62		-.01	2.60		.02
				SR	2.99	2.95		.05	2.96		.04	2.94		.06
j.	Tutored or taught other students (paid or voluntary)	TUTOR	ACL	FY	1.77	1.75		.02	1.76		.02	1.75		.03
				SR	1.98	1.89	*	.10	1.90	*	.09	1.86	**	.13
k.	Participated in a community-based project (e.g. service learning) as part of a regular course	COMMPROJ	ACL	FY	1.45	1.51		-.08	1.50		-.06	1.52	*	-.08
				SR	1.61	1.59		.03	1.59		.03	1.62		-.01

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.



				Arizona compared with:									
				Arizona	AAUDE			UA Selected Peers			Public High Research		
	Variable	Benchmark	Class	Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>
l.	Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	ITACADEM	EEE	FY	2.82	*	.10	2.73	*	.09	2.72	*	.10
				SR	2.98	**	.11	2.89	*	.09	2.86	**	.12
m.	Used e-mail to communicate with an instructor	EMAIL	SFI	FY	3.21	*	.10	3.10	**	.13	3.11	**	.11
				SR	3.38		-.05	3.41		-.04	3.40		-.03
n.	Discussed grades or assignments with an instructor	FACGRADE	SFI	FY	2.66	***	.22	2.47	***	.23	2.51	***	.17
				SR	2.81	***	.17	2.68	***	.16	2.72	**	.11
o.	Talked about career plans with a faculty member or advisor	FACPLANS	SFI	FY	2.20		.09	2.12	*	.10	2.15		.06
				SR	2.39		.08	2.31	*	.09	2.30	*	.09
p.	Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS	SFI	FY	1.90	*	.10	1.79	**	.13	1.79	**	.13
				SR	2.02		.02	1.99		.03	1.98		.04
q.	Received prompt written or oral feedback from faculty on your academic performance	FACFEED	SFI	FY	2.69	***	.15	2.52	***	.20	2.54	***	.18
				SR	2.71		.04	2.68		.04	2.66		.06
r.	Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD	LAC	FY	2.66	**	.13	2.55	**	.12	2.59		.08
				SR	2.69	**	.11	2.59	**	.12	2.63		.07
s.	Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER	SFI	FY	1.57		.03	1.53		.05	1.55		.03
				SR	1.76		-.02	1.77		-.01	1.74		.01
t.	Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	OOCIDEAS	ACL	FY	2.74		-.06	2.79		-.06	2.75		-.02
				SR	2.92		.04	2.90		.03	2.87		.06
u.	Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD	EEE	FY	2.74		.05	2.68		.06	2.67		.07
				SR	2.87	*	.09	2.79	*	.09	2.76	**	.12
v.	Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values	DIFFSTU2	EEE	FY	2.83		.02	2.80		.03	2.77		.07
				SR	2.89		.04	2.86		.04	2.82	*	.08

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.



				Arizona			AAUDE			Arizona compared with:			
				UA Selected Peers		Public High Research							
Variable	Benchmark	Class		Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>
<i>During the current school year, how much has your coursework emphasized the following mental activities? 1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>													
<b>2. Mental Activities</b>													
a.	Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form	MEMORIZE	FY	2.98	2.92		.07	2.92		.07	2.95		.04
			SR	2.87	2.73	***	.14	2.74	**	.13	2.78	*	.09
b.	Analyzing the basic elements of an idea, experience, or theory, such as examining a particular case or situation in depth and considering its components	ANALYZE	LAC	3.30	3.23	*	.10	3.22	**	.12	3.18	***	.16
			SR	3.36	3.32		.07	3.31		.07	3.28	**	.11
c.	Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships	SYNTHESZ	LAC	3.07	2.97	**	.13	2.96	**	.14	2.95	***	.15
			SR	3.11	3.10		.01	3.10		.02	3.05		.07
d.	Making judgments about the value of information, arguments, or methods, such as examining how others gathered and interpreted data and assessing the soundness of their conclusions	EVALUATE	LAC	2.95	2.88		.08	2.87	*	.09	2.89		.07
			SR	3.04	2.98		.06	2.97		.07	2.98		.07
e.	Applying theories or concepts to practical problems or in new situations	APPLYING	LAC	3.14	3.13		.02	3.13		.02	3.10		.04
			SR	3.27	3.21		.07	3.21		.07	3.20	*	.08
<i>During the current school year, about how much reading and writing have you done? 1=None, 2=1-4, 3=5-10, 4=11-20, 5=More than 20</i>													
<b>3. Reading and Writing</b>													
a.	Number of assigned textbooks, books, or book-length packs of course readings	READASGN	LAC	3.26	3.39	**	-.14	3.37	*	-.12	3.22		.04
			SR	3.11	3.28	***	-.16	3.26	***	-.14	3.15		-.04
b.	Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN	FY	2.07	2.02		.06	2.03		.05	2.04		.03
			SR	2.22	2.22		.00	2.22		.00	2.20		.02
c.	Number of written papers or reports of <b>20 pages or more</b>	WRITEMOR	LAC	1.38	1.23	***	.24	1.22	***	.27	1.23	***	.25
			SR	1.62	1.63		-.01	1.61		.01	1.60		.02
d.	Number of written papers or reports <b>between 5 and 19 pages</b>	WRITEMID	LAC	2.54	2.27	***	.34	2.20	***	.42	2.17	***	.46
			SR	2.52	2.62	**	-.11	2.58		-.07	2.49		.04
e.	Number of written papers or reports of <b>fewer than 5 pages</b>	WRITESML	LAC	3.18	3.09		.09	3.04	**	.14	2.91	***	.26
			SR	3.05	3.12		-.06	3.09		-.04	2.97		.06

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.

			Arizona			AAUDE			Arizona compared with:					
			Arizona			AAUDE			UA Selected Peers			Public High Research		
Variable	Benchmark	Class	Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>		
<b>4. Problem Sets</b>														
<i>In a typical week, how many homework problem sets do you complete? 1=None, 2=1-2, 3=3-4, 4=5-6, 5=More than 6</i>														
a.	Number of problem sets that take you <b>more</b> than an hour to complete	PROBSETA	FY	2.87	2.75	*	.11	2.76	*	.10	2.74	**	.11	
			SR	2.67	2.49	***	.14	2.48	***	.15	2.57	*	.08	
b.	Number of problem sets that take you <b>less</b> than an hour to complete	PROBSETB	FY	2.78	2.62	**	.13	2.63	**	.12	2.72		.05	
			SR	2.17	2.11		.04	2.11		.05	2.24		-.06	
<b>5. Examinations</b>														
<i>1=Very little to 7=Very much</i>														
	Select the circle that best represents the extent to which your examinations during the current school year challenged you to do your best work.	EXAMS	FY	5.53	5.59		-.06	5.64	*	-.11	5.56		-.03	
			SR	5.53	5.34	***	.16	5.36	**	.14	5.39	**	.11	
<b>6. Additional Collegiate Experiences</b>														
<i>1=Never, 2=Sometimes, 3=Often, 4=Very often</i>														
a.	Attended an art exhibit, play, dance, music, theatre or other performance	ATDART07	FY	2.04	2.16	***	-.15	2.16	**	-.14	2.12	*	-.09	
			SR	2.01	2.13	***	-.13	2.11	**	-.11	2.04		-.04	
b.	Exercised or participated in physical fitness activities	EXRCSE05	FY	2.86	2.96	*	-.10	2.99	**	-.14	2.88		-.02	
			SR	2.82	2.90	*	-.08	2.92	*	-.11	2.82		.00	
c.	Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSHP05	FY	1.88	1.91		-.03	2.03	**	-.13	2.06	***	-.16	
			SR	1.98	1.89	*	.09	1.98		.01	2.07	*	-.08	
d.	Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW	FY	2.64	2.61		.04	2.62		.02	2.60		.04	
			SR	2.78	2.71		.07	2.73		.05	2.72		.07	
e.	Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW	FY	2.82	2.78		.05	2.78		.05	2.77		.06	
			SR	2.85	2.87		-.02	2.87		-.02	2.86		-.01	
f.	Learned something that changed the way you understand an issue or concept	CHNGVIEW	FY	2.84	2.89		-.06	2.88		-.05	2.85		-.02	
			SR	2.91	2.93		-.02	2.92		-.02	2.90		.02	
<b>7. Enriching Educational Experiences</b>														
<i>Which of the following have you done or do you plan to do before you graduate from your institution? (Recoded: 0=Have not decided, Do not plan to do, Plan to do; 1=Done. Thus, the mean is the proportion responding "Done" among all valid respondents.)</i>														
a.	Practicum, internship, field experience, co-op experience, or clinical assignment	INTERN04	EEE	FY	.10	.07	*	.11	.07	*	.12	.07	**	.13
			SR	.56	.60		-.07	.59		-.05	.53		.07	

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.

				<i>Arizona compared with:</i>											
				Arizona			AAUDE			UA Selected Peers			Public High Research		
<i>Variable</i>				<i>Mean<sup>a</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>		
<i>Variable</i>	<i>Benchmark</i>	<i>Class</i>													
b. Community service or volunteer work	VOLNTR04	EEE	FY	.43	.41		.05	.44		-.02	.42		.03		
			SR	.62	.67	*	-.10	.68	**	-.13	.62		-.01		
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04	EEE	FY	.14	.29	***	-.33	.27	***	-.31	.24	***	-.24		
			SR	.24	.31	***	-.15	.30	***	-.13	.28	*	-.09		
d. Work on a research project with a faculty member outside of course or program requirements	RESRCH04	SFI	FY	.06	.06		.02	.06		.02	.05		.04		
			SR	.27	.27		.02	.26		.03	.22	**	.14		
e. Foreign language coursework	FORLNG04	EEE	FY	.47	.32	***	.30	.31	***	.33	.24	***	.52		
			SR	.61	.57	*	.08	.56	**	.11	.48	***	.27		
f. Study abroad	STDABR04	EEE	FY	.05	.02	**	.19	.02	***	.22	.02	**	.19		
			SR	.18	.26	***	-.20	.25	***	-.17	.18		.00		
g. Independent study or self-designed major	INDSTD04	EEE	FY	.05	.02	*	.14	.02	**	.16	.03	*	.12		
			SR	.22	.16	***	.17	.15	***	.20	.14	***	.24		
h. Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)	SNRX04	EEE	FY	.01	.02		-.03	.02		-.02	.02		-.03		
			SR	.34	.34		.00	.32		.03	.30		.07		
<i>Select the circle that best represents the quality of your relationships with people at your institution.</i>															
<i>1=Unfriendly, Unsupportive, Sense of alienation to 7=Friendly, Supportive, Sense of belonging</i>															
8. <b>Quality of Relationships</b> a. Relationships with <b>other students</b>	ENVSTU	SCE	FY	5.33	5.48	**	-.12	5.53	**	-.16	5.47	*	-.11		
			SR	5.57	5.50		.05	5.56		.01	5.51		.04		
<i>1=Unavailable, Unhelpful, Unsympathetic to 7=Available, Helpful, Sympathetic</i>															
b. Relationships with <b>faculty members</b>	ENVFAC	SCE	FY	5.06	5.04		.02	5.03		.03	4.99		.06		
			SR	5.23	5.19		.03	5.19		.03	5.16		.05		
<i>1=Unhelpful, Inconsiderate, Rigid to 7=Helpful, Considerate, Flexible</i>															
c. Relationships with <b>administrative personnel and offices</b>	ENVADM	SCE	FY	4.68	4.63		.03	4.63		.03	4.59		.06		
			SR	4.74	4.53	***	.13	4.56	**	.12	4.45	***	.18		

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.



Variable	Bench- mark	Class	Arizona compared with:											
			Arizona			AAUDE			UA Selected Peers			Public High Research		
			Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>		
<i>About how many hours do you spend in a typical 7-day week doing each of the following? 1=0 hrs/wk, 2=1-5 hrs/wk, 3=6-10 hrs/wk, 4=11-15 hrs/wk, 5=16-20 hrs/wk, 6=21-25 hrs/wk, 7=26-30 hrs/wk, 8=More than 30 hrs/wk</i>														
<b>9. Time Usage</b>														
a.	Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	ACADPR01	LAC	FY	4.57	4.62		-0.03	4.69		-0.07	4.42	*	.09
				SR	4.46	4.51		-0.03	4.52		-0.03	4.32	*	.08
b.	Working for pay <b>on campus</b>	WORKON01		FY	1.47	1.50		-0.03	1.45		.01	1.46		.01
				SR	1.99	2.10		-0.06	2.09		-0.06	1.90		.05
c.	Working for pay <b>off campus</b>	WORKOF01		FY	2.21	1.47	***	.53	1.44	***	.58	1.93	**	.15
				SR	3.00	2.49	***	.24	2.48	***	.24	3.28	**	-.11
d.	Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01	EEE	FY	2.32	2.52	**	-.13	2.59	***	-.17	2.39		-.05
				SR	2.08	2.45	***	-.23	2.49	***	-.26	2.22	*	-.09
e.	Relaxing and socializing (watching TV, partying, etc.)	SOCIAL05		FY	3.79	3.95	*	-.10	3.91		-.07	3.88		-.06
				SR	3.52	3.86	***	-.21	3.83	***	-.19	3.66	*	-.09
f.	Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01		FY	1.71	1.28	***	.42	1.25	***	.49	1.48	***	.18
				SR	1.97	1.52	***	.31	1.50	***	.33	1.95		.01
g.	Commuting to class (driving, walking, etc.)	COMMUTE		FY	2.47	2.29	***	.20	2.30	***	.18	2.37	*	.10
				SR	2.54	2.34	***	.24	2.34	***	.24	2.44	**	.11
<i>To what extent does your institution emphasize each of the following? 1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>														
<b>10. Institutional Environment</b>														
a.	Spending significant amounts of time studying and on academic work	ENVSCHOL	LAC	FY	3.22	3.20		.03	3.23		-.01	3.18		.06
				SR	3.13	3.12		.01	3.15		-.03	3.13		.00
b.	Providing the support you need to help you succeed academically	ENVSUPRT	SCE	FY	2.98	3.09	**	-.14	3.10	***	-.16	3.07	*	-.11
				SR	2.83	2.87		-.05	2.89		-.07	2.86		-.03
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS	EEE	FY	2.54	2.78	***	-.25	2.80	***	-.27	2.75	***	-.22
				SR	2.42	2.50	*	-.08	2.53	**	-.11	2.51	*	-.10

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.





				Arizona compared with:										
				Arizona		AAUDE			UA Selected Peers			Public High Research		
				Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	
Variable	Benchmark	Class												
d. Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD	SCE	FY	1.97	2.24	***	-.29	2.25	***	-.30	2.23	***	-.27	
			SR	1.84	1.90		-.07	1.93	**	-.11	1.90		-.07	
e. Providing the support you need to thrive socially	ENVSOCAL	SCE	FY	2.25	2.53	***	-.31	2.56	***	-.34	2.50	***	-.28	
			SR	2.12	2.22	**	-.12	2.26	***	-.16	2.20	*	-.09	
f. Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	ENVEVENT		FY	2.75	2.97	***	-.26	3.00	***	-.30	2.92	***	-.20	
			SR	2.63	2.79	***	-.17	2.83	***	-.22	2.70		-.07	
g. Using computers in academic work	ENVCOMPT		FY	3.52	3.39	***	.18	3.41	***	.15	3.39	***	.17	
			SR	3.54	3.53		.01	3.54		.00	3.50		.05	

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

1=Very little, 2=Some, 3=Quite a bit, 4=Very much

11. Educational and Personal Growth

a. Acquiring a broad general education	GNGENLED		FY	3.11	3.19	*	-.10	3.21	**	-.13	3.17		-.07
			SR	3.19	3.22		-.04	3.26	*	-.09	3.21		-.02
b. Acquiring job or work-related knowledge and skills	GNWORK		FY	2.73	2.83	*	-.11	2.84	*	-.12	2.80		-.07
			SR	2.98	2.96		.02	2.97		.01	2.99		-.01
c. Writing clearly and effectively	GNWRITE		FY	2.97	2.92		.05	2.90		.08	2.91		.07
			SR	3.08	3.06		.02	3.06		.02	3.03		.06
d. Speaking clearly and effectively	GNSPEAK		FY	2.68	2.67		.02	2.67		.02	2.71		-.03
			SR	2.91	2.86		.05	2.87		.04	2.89		.03
e. Thinking critically and analytically	GNANALY		FY	3.24	3.27		-.04	3.27		-.05	3.23		.01
			SR	3.36	3.40		-.04	3.41		-.06	3.34		.02
f. Analyzing quantitative problems	GNQUANT		FY	3.01	3.04		-.03	3.07		-.07	3.03		-.03
			SR	3.13	3.08		.05	3.11		.02	3.09		.04
g. Using computing and information technology	GNCMPTS		FY	3.10	3.04		.07	3.07		.04	3.08		.03
			SR	3.23	3.19		.04	3.21		.03	3.21		.02
h. Working effectively with others	GNOTHERS		FY	2.97	2.96		.01	2.99		-.02	2.96		.01
			SR	3.12	3.12		.00	3.14		-.03	3.12		.00

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.

				<i>Arizona compared with:</i>										
				Arizona		AAUDE			UA Selected Peers			Public High Research		
	Variable	Benchmark	Class	Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	
i.	Voting in local, state, or national elections	GNCITIZN	FY	2.54	2.75	***	-.20	2.75	***	-.20	2.70	**	-.15	
			SR	2.38	2.43		-.05	2.46		-.07	2.37		.02	
j.	Learning effectively on your own	GNINQ	FY	2.95	3.04	*	-.11	3.06	**	-.13	3.02		-.07	
			SR	3.02	3.06		-.05	3.09	*	-.08	3.03		-.01	
k.	Understanding yourself	GNSELF	FY	2.69	2.81	**	-.13	2.82	**	-.14	2.78	*	-.10	
			SR	2.71	2.82	**	-.11	2.85	**	-.14	2.77		-.06	
l.	Understanding people of other racial and ethnic backgrounds	GNDIVERS	FY	2.63	2.72	*	-.09	2.73	*	-.11	2.71		-.08	
			SR	2.61	2.64		-.03	2.66		-.05	2.64		-.03	
m.	Solving complex real-world problems	GNPROBSV	FY	2.70	2.74		-.05	2.76		-.07	2.73		-.04	
			SR	2.76	2.83		-.07	2.85	*	-.10	2.81		-.05	
n.	Developing a personal code of values and ethics	GNETHICS	FY	2.54	2.66	*	-.12	2.71	***	-.17	2.66	**	-.13	
			SR	2.56	2.60		-.04	2.66	*	-.10	2.61		-.05	
o.	Contributing to the welfare of your community	GNCOMMUN	FY	2.34	2.52	***	-.19	2.57	***	-.23	2.50	***	-.16	
			SR	2.36	2.43		-.07	2.49	**	-.13	2.43		-.07	
p.	Developing a deepened sense of spirituality	GNSPIRIT	FY	1.85	1.94		-.08	2.02	***	-.16	2.04	***	-.17	
			SR	1.68	1.69		.00	1.77		-.08	1.78	*	-.09	
<b>12. Academic Advising</b>				<i>1=Poor, 2=Fair, 3=Good, 4=Excellent</i>										
	Overall, how would you evaluate the quality of academic advising you have received at your institution?	ADVISE	FY	3.07	3.03		.04	3.04		.02	3.02		.05	
			SR	2.97	2.85	**	.13	2.86	**	.12	2.81	***	.17	
<b>13. Satisfaction</b>				<i>1=Poor, 2=Fair, 3=Good, 4=Excellent</i>										
	How would you evaluate your entire educational experience at this institution?	ENTIREXP	FY	3.13	3.29	***	-.25	3.32	***	-.28	3.24	***	-.17	
			SR	3.11	3.28	***	-.24	3.32	***	-.29	3.21	***	-.14	
<b>14.</b>				<i>1=Definitely no, 2=Probably no, 3=Probably yes, 4=Definitely yes</i>										
	If you could start over again, would you go to the same institution you are now attending?	SAMECOLL	FY	3.20	3.36	***	-.21	3.40	***	-.26	3.33	***	-.16	
			SR	3.23	3.32	*	-.11	3.36	***	-.16	3.25		-.03	

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<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.



# National Survey of Student Engagement

## NSSE 2009 Detailed Statistics <sup>a</sup> The University of Arizona First-Year Students

	N	Mean				Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
		Arizona				Arizona				Arizona				AAUDE			AAUDE			AAUDE		
		Arizona	AAUDE	UA Selected Peers	Public High Research	Arizona	AAUDE	UA Selected Peers	Public High Research	Arizona	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research
CLQUEST	611	2.76	2.67	2.61	2.62	.03	.01	.01	.01	.84	.84	.84	.85	5,254	5,916	10,136	.023	.000	.000	.10	.17	.16
CLPRESENT	611	2.27	2.08	2.03	2.06	.03	.01	.01	.01	.77	.74	.74	.78	767	748	694	.000	.000	.000	.25	.32	.27
REWRPOP	608	2.78	2.42	2.37	2.49	.04	.01	.01	.01	.98	.96	.97	1.00	5,226	5,889	690	.000	.000	.000	.38	.42	.29
INTEGRAT	613	3.18	2.95	2.91	2.97	.03	.01	.01	.01	.76	.80	.81	.83	5,260	5,921	10,155	.000	.000	.000	.29	.34	.26
DIVCLASS	612	2.75	2.76	2.70	2.72	.04	.01	.01	.01	.89	.88	.89	.90	5,249	5,906	10,129	.817	.216	.498	-.01	.05	.03
CLUNPREP	611	2.27	2.15	2.16	2.14	.03	.01	.01	.01	.79	.80	.80	.79	5,263	5,920	690	.000	.002	.000	.15	.13	.16
CLASSGRP	610	2.47	2.32	2.30	2.37	.04	.01	.01	.01	.87	.85	.85	.86	769	748	10,154	.000	.000	.008	.17	.19	.11
OCCGRP	614	2.67	2.57	2.58	2.49	.03	.01	.01	.01	.86	.85	.85	.88	5,276	5,940	10,182	.007	.012	.000	.12	.11	.20
INTIDEAS	585	2.61	2.65	2.62	2.60	.03	.01	.01	.01	.81	.80	.80	.81	4,945	5,562	9,501	.330	.834	.671	-.04	-.01	.02
TUTOR	585	1.77	1.75	1.76	1.75	.04	.01	.01	.01	.88	.86	.86	.86	4,953	5,574	9,529	.573	.731	.475	.02	.02	.03
COMMPROJ	585	1.45	1.51	1.50	1.52	.03	.01	.01	.01	.76	.81	.80	.81	775	744	673	.058	.123	.038	-.08	-.06	-.08
ITACADEM	588	2.82	2.73	2.73	2.72	.04	.01	.01	.01	1.04	.98	.98	1.00	734	5,584	9,540	.034	.030	.015	.10	.09	.10
EMAIL	586	3.21	3.13	3.10	3.11	.03	.01	.01	.01	.75	.80	.81	.82	4,957	5,581	678	.025	.003	.004	.10	.13	.11
FACGRADE	585	2.66	2.47	2.47	2.51	.03	.01	.01	.01	.84	.84	.84	.87	4,945	5,565	9,507	.000	.000	.000	.22	.23	.17
FACPLANS	586	2.20	2.13	2.12	2.15	.04	.01	.01	.01	.89	.86	.85	.88	739	718	9,526	.052	.029	.159	.09	.10	.06
FACIDEAS	586	1.90	1.81	1.79	1.79	.04	.01	.01	.01	.87	.83	.83	.85	4,959	5,581	9,539	.023	.003	.002	.10	.13	.13
FACFEED	579	2.69	2.57	2.52	2.54	.03	.01	.01	.01	.82	.81	.82	.84	4,853	5,465	9,329	.001	.000	.000	.15	.20	.18
WORKHARD	579	2.66	2.55	2.55	2.59	.04	.01	.01	.01	.86	.85	.85	.86	4,853	5,466	9,325	.004	.005	.077	.13	.12	.08
FACOTHER	574	1.57	1.54	1.53	1.55	.03	.01	.01	.01	.83	.79	.78	.81	4,835	699	9,293	.475	.299	.541	.03	.05	.03
OOCIDEAS	578	2.74	2.79	2.79	2.75	.04	.01	.01	.01	.86	.84	.84	.87	4,852	5,462	9,322	.179	.156	.699	-.06	-.06	-.02
DIVRSTUD	579	2.74	2.69	2.68	2.67	.04	.02	.01	.01	.97	.99	.99	1.01	4,855	5,468	664	.216	.147	.081	.05	.06	.07
DIFFSTU2	579	2.83	2.82	2.80	2.77	.04	.01	.01	.01	.94	.94	.95	.97	4,862	5,476	9,343	.686	.481	.108	.02	.03	.07
MEMORIZE	577	2.98	2.92	2.92	2.95	.04	.01	.01	.01	.85	.86	.86	.85	4,838	5,443	9,282	.091	.124	.362	.07	.07	.04
ANALYZE	573	3.30	3.23	3.22	3.18	.03	.01	.01	.01	.73	.73	.73	.76	4,816	5,422	9,236	.019	.009	.000	.10	.12	.16
SYNTHESZ	573	3.07	2.97	2.96	2.95	.03	.01	.01	.01	.79	.82	.82	.84	4,816	5,416	9,230	.004	.002	.000	.13	.14	.15
EVALUATE	574	2.95	2.88	2.87	2.89	.04	.01	.01	.01	.86	.84	.85	.85	4,822	5,420	9,243	.063	.037	.121	.08	.09	.07
APPLYING	575	3.14	3.13	3.13	3.10	.03	.01	.01	.01	.83	.82	.83	.85	4,831	5,435	9,269	.722	.695	.326	.02	.02	.04
READASGN	576	3.26	3.39	3.37	3.22	.04	.01	.01	.01	1.02	.94	.93	.95	712	692	642	.003	.013	.395	-.14	-.12	.04

<sup>a</sup> All statistics are weighted by gender, enrollment status, and institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.



**National Survey  
of Student Engagement**

**NSSE 2009 Detailed Statistics <sup>a</sup>  
The University of Arizona  
First-Year Students**

	N	Mean				Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
		Arizona				Arizona				Arizona				AAUDE			AAUDE			AAUDE		
		AAUDE	UA Selected Peers	Public High Research	Public High Research	AAUDE	UA Selected Peers	Public High Research	Public High Research	AAUDE	UA Selected Peers	Public High Research	Public High Research	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research
READOWN	573	2.07	2.02	2.03	2.04	.04	.01	.01	.01	.90	.85	.85	.89	718	701	9,253	.221	.304	.549	.06	.05	.03
WRITEMOR	572	1.38	1.23	1.22	1.23	.03	.01	.01	.01	.80	.59	.58	.60	657	644	614	.000	.000	.000	.24	.27	.25
WRITEMID	572	2.54	2.27	2.20	2.17	.04	.01	.01	.01	.90	.79	.80	.81	695	684	633	.000	.000	.000	.34	.42	.46
WRITESML	574	3.18	3.09	3.04	2.91	.05	.02	.01	.01	1.11	1.02	1.02	1.01	710	693	638	.072	.004	.000	.09	.14	.26
PROBSETA	576	2.87	2.75	2.76	2.74	.05	.02	.02	.01	1.12	1.13	1.13	1.13	4,822	5,418	9,232	.015	.023	.008	.11	.10	.11
PROBSETB	574	2.78	2.62	2.63	2.72	.05	.02	.02	.01	1.24	1.22	1.23	1.23	4,807	5,404	9,226	.005	.006	.257	.13	.12	.05
EXAMS	576	5.53	5.59	5.64	5.56	.05	.02	.02	.01	1.15	1.08	1.07	1.11	719	699	9,259	.218	.021	.555	-.06	-.11	-.03
ATDART07	569	2.04	2.16	2.16	2.12	.04	.01	.01	.01	.89	.85	.85	.90	4,772	5,369	9,149	.001	.001	.029	-.15	-.14	-.09
EXRCSE05	568	2.86	2.96	2.99	2.88	.04	.01	.01	.01	.99	.96	.94	.99	719	694	9,144	.025	.003	.650	-.10	-.14	-.02
WORSHPO5	568	1.88	1.91	2.03	2.06	.04	.02	.02	.01	1.02	1.05	1.10	1.11	4,762	5,362	659	.532	.003	.000	-.03	-.13	-.16
OWNVIEW	567	2.64	2.61	2.62	2.60	.04	.01	.01	.01	.89	.87	.87	.89	4,758	5,358	9,123	.407	.580	.301	.04	.02	.04
OTHRVIEW	568	2.82	2.78	2.78	2.77	.04	.01	.01	.01	.84	.84	.84	.86	4,773	5,368	9,139	.313	.279	.168	.05	.05	.06
CHNGVIEW	565	2.84	2.89	2.88	2.85	.03	.01	.01	.01	.82	.80	.81	.83	4,774	5,371	9,142	.194	.278	.716	-.06	-.05	-.02
INTERN04	555	.10	.07	.07	.07	.01	.00	.00	.00	.30	.26	.26	.25	666	650	605	.030	.023	.010	.11	.12	.13
VOLNTR04	549	.43	.41	.44	.42	.02	.01	.01	.01	.50	.49	.50	.49	4,694	5,283	8,981	.309	.639	.548	.05	-.02	.03
LRNCOM04	551	.14	.29	.27	.24	.01	.01	.01	.00	.35	.45	.45	.43	823	780	666	.000	.000	.000	-.33	-.31	-.24
RESRCH04	553	.06	.06	.06	.05	.01	.00	.00	.00	.24	.23	.23	.23	4,700	5,291	8,988	.660	.587	.380	.02	.02	.04
FORLNG04	553	.47	.32	.31	.24	.02	.01	.01	.00	.50	.47	.46	.43	687	667	606	.000	.000	.000	.30	.33	.52
STDABR04	548	.05	.02	.02	.02	.01	.00	.00	.00	.23	.15	.14	.15	614	599	580	.002	.001	.002	.19	.22	.19
INDSTD04	550	.05	.02	.02	.03	.01	.00	.00	.00	.21	.15	.14	.16	626	613	591	.014	.009	.030	.14	.16	.12
SNRX04	553	.01	.02	.02	.02	.00	.00	.00	.00	.12	.13	.13	.13	4,709	5,296	9,002	.554	.614	.562	-.03	-.02	-.03
ENVSTU	555	5.33	5.48	5.53	5.47	.06	.02	.02	.01	1.42	1.32	1.30	1.35	4,704	666	8,979	.010	.001	.015	-.12	-.16	-.11
ENVFAC	555	5.06	5.04	5.03	4.99	.06	.02	.02	.01	1.36	1.24	1.24	1.30	682	665	8,992	.753	.562	.194	.02	.03	.06
ENVADM	555	4.68	4.63	4.63	4.59	.06	.02	.02	.02	1.53	1.44	1.44	1.49	4,695	5,289	8,984	.489	.497	.163	.03	.03	.06
ACADPR01	552	4.57	4.62	4.69	4.42	.07	.03	.02	.02	1.74	1.63	1.65	1.66	687	673	8,923	.527	.121	.035	-.03	-.07	.09
WORKON01	551	1.47	1.50	1.45	1.46	.06	.02	.02	.01	1.30	1.15	1.11	1.18	4,666	5,255	8,917	.573	.747	.839	-.03	.01	.01
WORKOF01	551	2.21	1.47	1.44	1.93	.09	.02	.02	.02	2.17	1.25	1.19	1.81	600	590	602	.000	.000	.003	.53	.58	.15
COCURR01	551	2.32	2.52	2.59	2.39	.07	.02	.02	.02	1.68	1.54	1.59	1.56	4,662	5,250	8,923	.005	.000	.265	-.13	-.17	-.05

<sup>a</sup> All statistics are weighted by gender, enrollment status, and institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.



**National Survey  
of Student Engagement**

**NSSE 2009 Detailed Statistics <sup>a</sup>  
The University of Arizona  
First-Year Students**

	N	Mean				Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>			
		Arizona	Arizona	AAUDE	UA Selected Peers	Public High Research	Arizona	AAUDE	UA Selected Peers	Public High Research	Arizona	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research
		Arizona compared with:																					
SOCIAL05	550	3.79	3.95	3.91	3.88	.07	.03	.02	.02	1.62	1.61	1.59	1.62	4,647	5,235	8,883	.028	.103	.211	-.10	-.07	-.06	
CAREDE01	549	1.71	1.28	1.25	1.48	.07	.01	.01	.01	1.58	.93	.86	1.24	600	587	594	.000	.000	.001	.42	.49	.18	
COMMUTE	549	2.47	2.29	2.30	2.37	.05	.01	.01	.01	1.08	.90	.89	1.00	653	638	612	.000	.001	.042	.20	.18	.10	
ENVSCHOL	548	3.22	3.20	3.23	3.18	.03	.01	.01	.01	.75	.73	.73	.76	4,614	5,193	8,803	.444	.824	.196	.03	-.01	.06	
ENVSUPRT	547	2.98	3.09	3.10	3.07	.03	.01	.01	.01	.78	.78	.78	.80	4,599	681	624	.002	.001	.013	-.14	-.16	-.11	
ENVDIVRS	545	2.54	2.78	2.80	2.75	.04	.02	.01	.01	.98	.95	.95	.96	4,590	673	8,763	.000	.000	.000	-.25	-.27	-.22	
ENVNACAD	548	1.97	2.24	2.25	2.23	.04	.01	.01	.01	.94	.93	.93	.95	4,599	682	625	.000	.000	.000	-.29	-.30	-.27	
ENVSOCAL	545	2.25	2.53	2.56	2.50	.04	.01	.01	.01	.92	.91	.91	.93	4,587	5,165	8,753	.000	.000	.000	-.31	-.34	-.28	
ENVEVENT	549	2.75	2.97	3.00	2.92	.04	.01	.01	.01	.86	.85	.85	.89	701	679	8,777	.000	.000	.000	-.26	-.30	-.20	
ENVCOMPT	550	3.52	3.39	3.41	3.39	.03	.01	.01	.01	.69	.74	.73	.76	734	705	641	.000	.000	.000	.18	.15	.17	
NGNENLED	538	3.11	3.19	3.21	3.17	.03	.01	.01	.01	.78	.76	.76	.78	4,543	5,110	8,645	.031	.003	.115	-.10	-.13	-.07	
GNWORK	538	2.73	2.83	2.84	2.80	.04	.01	.01	.01	.93	.91	.92	.93	4,539	5,104	8,640	.021	.011	.103	-.11	-.12	-.07	
GNWRITE	541	2.97	2.92	2.90	2.91	.04	.01	.01	.01	.85	.87	.88	.88	4,544	685	622	.260	.083	.102	.05	.08	.07	
GNSPEAK	540	2.68	2.67	2.67	2.71	.04	.02	.01	.01	.97	.95	.95	.94	4,533	5,099	8,619	.734	.727	.505	.02	.02	-.03	
GNANALY	541	3.24	3.27	3.27	3.23	.03	.01	.01	.01	.75	.75	.76	.78	4,539	5,108	8,643	.391	.291	.768	-.04	-.05	.01	
GNQUANT	541	3.01	3.04	3.07	3.03	.04	.01	.01	.01	.84	.85	.85	.86	702	680	619	.440	.126	.522	-.03	-.07	-.03	
GNCMPTS	540	3.10	3.04	3.07	3.08	.04	.01	.01	.01	.87	.89	.88	.88	4,540	5,104	8,642	.105	.416	.545	.07	.04	.03	
GNOTHERS	536	2.97	2.96	2.99	2.96	.04	.01	.01	.01	.90	.87	.87	.89	4,543	5,109	8,653	.796	.677	.895	.01	-.02	.01	
GNCITIZN	538	2.54	2.75	2.75	2.70	.05	.02	.02	.01	1.10	1.05	1.05	1.06	677	659	607	.000	.000	.001	-.20	-.20	-.15	
GNINQ	540	2.95	3.04	3.06	3.02	.04	.01	.01	.01	.85	.82	.83	.85	4,476	5,027	8,496	.018	.004	.095	-.11	-.13	-.07	
GNSELF	537	2.69	2.81	2.82	2.78	.04	.02	.01	.01	1.00	.94	.94	.96	674	657	8,473	.005	.004	.026	-.13	-.14	-.10	
GNDIVERS	539	2.63	2.72	2.73	2.71	.04	.01	.01	.01	.98	.94	.93	.95	680	661	8,496	.047	.026	.064	-.09	-.11	-.08	
GNPROBSV	540	2.70	2.74	2.76	2.73	.04	.01	.01	.01	.90	.91	.91	.93	4,473	5,028	8,505	.299	.118	.353	-.05	-.07	-.04	
GNETHICS	538	2.54	2.66	2.71	2.66	.04	.02	.01	.01	1.03	.98	.98	.99	675	659	606	.012	.000	.006	-.12	-.17	-.13	
GNCOMMUN	539	2.34	2.52	2.57	2.50	.04	.02	.01	.01	.98	.95	.96	.97	4,472	5,020	8,501	.000	.000	.000	-.19	-.23	-.16	
GNSPIRIT	538	1.85	1.94	2.02	2.04	.04	.02	.02	.01	1.04	1.04	1.06	1.06	4,473	5,025	8,505	.065	.001	.000	-.08	-.16	-.17	
ADVISE	539	3.07	3.03	3.04	3.02	.04	.01	.01	.01	.83	.82	.82	.83	4,529	5,091	8,621	.420	.587	.256	.04	.02	.05	
ENTIREXP	539	3.13	3.29	3.32	3.24	.03	.01	.01	.01	.70	.68	.68	.70	684	665	614	.000	.000	.000	-.25	-.28	-.17	
SAMECOLL	540	3.20	3.36	3.40	3.33	.04	.01	.01	.01	.81	.76	.75	.78	4,532	5,094	8,623	.000	.000	.000	-.21	-.26	-.16	

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<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.

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**National Survey  
of Student Engagement**

**NSSE 2009 Detailed Statistics <sup>a</sup>  
The University of Arizona  
Seniors**

	N	Mean				Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
		Arizona				Arizona				Arizona				AAUDE			AAUDE			AAUDE		
		Arizona	AAUDE	UA Selected Peers	Public High Research	Arizona	AAUDE	UA Selected Peers	Public High Research	Arizona	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research
CLQUEST	701	2.90	2.92	2.90	2.92	.03	.01	.01	.01	.90	.87	.87	.88	7,327	8,188	15,343	.613	.996	.496	-.02	.00	-.03
CLPRESENT	702	2.65	2.61	2.59	2.63	.03	.01	.01	.01	.89	.84	.84	.86	841	824	15,381	.251	.092	.533	.05	.07	.02
REWROPAP	697	2.48	2.32	2.31	2.38	.04	.01	.01	.01	.98	.94	.94	.96	838	822	15,337	.000	.000	.007	.17	.18	.11
INTEGRAT	700	3.30	3.30	3.28	3.27	.03	.01	.01	.01	.78	.74	.75	.76	839	8,195	15,380	.809	.499	.234	.01	.03	.05
DIVCLASS	699	2.77	2.74	2.73	2.73	.04	.01	.01	.01	.97	.94	.94	.95	840	8,168	15,357	.524	.354	.350	.03	.04	.04
CLUNPREP	700	2.30	2.33	2.33	2.27	.03	.01	.01	.01	.82	.83	.83	.82	7,319	8,182	15,354	.399	.313	.474	-.03	-.04	.03
CLASSGRP	700	2.52	2.41	2.39	2.45	.03	.01	.01	.01	.92	.87	.88	.90	838	822	15,367	.005	.001	.074	.12	.14	.07
OCCGRP	703	2.87	2.86	2.87	2.82	.03	.01	.01	.01	.92	.90	.90	.92	7,345	8,210	15,409	.814	.946	.215	.01	.00	.05
INTIDEAS	683	2.99	2.95	2.96	2.94	.03	.01	.01	.01	.83	.80	.79	.82	7,000	7,815	14,710	.228	.287	.126	.05	.04	.06
TUTOR	684	1.98	1.89	1.90	1.86	.04	.01	.01	.01	.95	.95	.94	.93	839	7,830	14,750	.017	.027	.001	.10	.09	.13
COMMPROJ	684	1.61	1.59	1.59	1.62	.03	.01	.01	.01	.88	.85	.84	.86	6,984	7,795	14,690	.532	.489	.722	.03	.03	-.01
ITACADEM	685	2.98	2.88	2.89	2.86	.04	.01	.01	.01	1.01	.99	.98	1.00	7,013	7,829	14,761	.008	.018	.002	.11	.09	.12
EMAIL	686	3.38	3.41	3.41	3.40	.03	.01	.01	.01	.74	.73	.73	.73	7,010	7,820	14,743	.199	.279	.419	-.05	-.04	-.03
FACGRADE	686	2.81	2.67	2.68	2.72	.03	.01	.01	.01	.88	.87	.87	.88	7,009	7,821	14,739	.000	.000	.005	.17	.16	.11
FACPLANS	686	2.39	2.32	2.31	2.30	.04	.01	.01	.01	.96	.90	.90	.92	819	804	748	.073	.039	.023	.08	.09	.09
FACIDEAS	687	2.02	2.00	1.99	1.98	.04	.01	.01	.01	.93	.87	.87	.89	824	807	14,772	.603	.431	.262	.02	.03	.04
FACFEED	683	2.71	2.68	2.68	2.66	.03	.01	.01	.01	.82	.79	.79	.81	6,928	7,731	14,565	.357	.327	.145	.04	.04	.06
WORKHARD	683	2.69	2.59	2.59	2.63	.03	.01	.01	.01	.90	.86	.86	.86	6,923	7,732	14,562	.005	.004	.089	.11	.12	.07
FACOTHER	680	1.76	1.77	1.77	1.74	.04	.01	.01	.01	.93	.91	.90	.91	6,913	7,716	14,540	.637	.802	.703	-.02	-.01	.01
OOCIDEAS	683	2.92	2.89	2.90	2.87	.03	.01	.01	.01	.84	.84	.84	.85	6,919	7,726	14,565	.333	.477	.098	.04	.03	.06
DIVRSTUD	681	2.87	2.78	2.79	2.76	.04	.01	.01	.01	.99	.98	.98	.99	6,934	7,741	14,591	.022	.028	.003	.09	.09	.12
DIFFSTU2	683	2.89	2.86	2.86	2.82	.04	.01	.01	.01	.93	.93	.93	.95	6,941	7,747	14,592	.363	.332	.043	.04	.04	.08
MEMORIZE	679	2.87	2.73	2.74	2.78	.04	.01	.01	.01	.92	.93	.92	.92	6,884	7,683	14,489	.000	.001	.025	.14	.13	.09
ANALYZE	678	3.36	3.32	3.31	3.28	.03	.01	.01	.01	.74	.72	.72	.74	6,854	7,650	14,440	.103	.081	.004	.07	.07	.11
SYNTHESZ	675	3.11	3.10	3.10	3.05	.03	.01	.01	.01	.88	.83	.83	.84	811	795	737	.804	.707	.094	.01	.02	.07
EVALUATE	680	3.04	2.98	2.97	2.98	.04	.01	.01	.01	.91	.87	.86	.87	818	801	14,457	.133	.082	.087	.06	.07	.07
APPLYING	678	3.27	3.21	3.21	3.20	.03	.01	.01	.01	.85	.83	.83	.83	6,876	7,675	14,484	.084	.083	.040	.07	.07	.08
READASGN	677	3.11	3.28	3.26	3.15	.04	.01	.01	.01	1.08	1.03	1.03	1.03	6,857	7,660	737	.000	.001	.385	-.16	-.14	-.04

<sup>a</sup> All statistics are weighted by gender, enrollment status, and institutional size.

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<sup>c</sup> A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.

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# National Survey of Student Engagement

## NSSE 2009 Detailed Statistics <sup>a</sup> The University of Arizona Seniors

	N	Mean				Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
		Arizona				Arizona				Arizona				AAUDE			Arizona Selected Peers			Arizona		
		Arizona	AAUDE	UA Selected Peers	Public High Research	Arizona	AAUDE	UA Selected Peers	Public High Research	Arizona	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research
READOWN	680	2.22	2.22	2.22	2.20	.04	.01	.01	.01	1.04	.97	.96	.98	6,855	796	14,426	.954	.920	.546	.00	.00	.02
WRITEMOR	676	1.62	1.63	1.61	1.60	.03	.01	.01	.01	.85	.78	.77	.80	801	786	14,444	.830	.763	.579	-.01	.01	.02
WRITEMID	674	2.52	2.62	2.58	2.49	.04	.01	.01	.01	.96	.94	.94	.95	6,851	7,653	14,421	.008	.100	.368	-.11	-.07	.04
WRITESML	675	3.05	3.12	3.09	2.97	.05	.01	.01	.01	1.18	1.12	1.12	1.14	6,854	796	14,442	.127	.367	.110	-.06	-.04	.06
PROBSETA	678	2.67	2.49	2.48	2.57	.05	.02	.01	.01	1.26	1.22	1.22	1.22	6,827	7,629	14,395	.000	.000	.044	.14	.15	.08
PROBSETB	676	2.17	2.11	2.11	2.24	.05	.02	.01	.01	1.24	1.18	1.18	1.21	815	799	14,378	.296	.276	.121	.04	.05	-.06
EXAMS	681	5.53	5.34	5.36	5.39	.05	.02	.01	.01	1.33	1.20	1.21	1.23	808	793	739	.000	.002	.007	.16	.14	.11
ATDART07	677	2.01	2.13	2.11	2.04	.03	.01	.01	.01	.91	.89	.87	.89	6,792	7,593	14,305	.001	.004	.326	-.13	-.11	-.04
EXRCSE05	676	2.82	2.90	2.92	2.82	.04	.01	.01	.01	1.01	.98	.97	1.01	6,791	804	14,296	.041	.010	.977	-.08	-.11	.00
WORSHPO5	675	1.98	1.89	1.98	2.07	.04	.01	.01	.01	1.12	1.05	1.09	1.12	810	7,578	14,280	.033	.872	.042	.09	.01	-.08
OWNVIEW	676	2.78	2.71	2.73	2.72	.03	.01	.01	.01	.91	.87	.87	.89	6,778	7,579	14,274	.076	.207	.088	.07	.05	.07
OTHRVIEW	675	2.85	2.87	2.87	2.86	.03	.01	.01	.01	.87	.83	.83	.85	816	800	14,270	.675	.590	.874	-.02	-.02	-.01
CHNGVIEW	677	2.91	2.93	2.92	2.90	.03	.01	.01	.01	.85	.81	.81	.82	820	802	14,296	.613	.681	.636	-.02	-.02	.02
INTERN04	673	.56	.60	.59	.53	.02	.01	.01	.00	.50	.49	.49	.50	825	808	742	.079	.245	.094	-.07	-.05	.07
VOLNTR04	671	.62	.67	.68	.62	.02	.01	.01	.00	.49	.47	.47	.48	817	797	14,085	.014	.002	.737	-.10	-.13	-.01
LRNCOM04	669	.24	.31	.30	.28	.02	.01	.01	.00	.43	.46	.46	.45	851	826	743	.000	.001	.024	-.15	-.13	-.09
RESRCH04	671	.27	.27	.26	.22	.02	.01	.01	.00	.45	.44	.44	.41	6,716	7,510	728	.661	.487	.001	.02	.03	.14
FORLNG04	673	.61	.57	.56	.48	.02	.01	.01	.00	.49	.50	.50	.50	834	816	744	.038	.004	.000	.08	.11	.27
STDABR04	672	.18	.26	.25	.18	.01	.01	.01	.00	.38	.44	.43	.38	882	850	14,098	.000	.000	.902	-.20	-.17	.00
INDSTD04	668	.22	.16	.15	.14	.02	.00	.00	.00	.42	.37	.36	.35	786	765	713	.000	.000	.000	.17	.20	.24
SNRX04	673	.34	.34	.32	.30	.02	.01	.01	.00	.47	.47	.47	.46	6,732	7,524	737	.922	.389	.085	.00	.03	.07
ENVSTU	674	5.57	5.50	5.56	5.51	.05	.02	.02	.01	1.29	1.33	1.33	1.34	6,724	7,516	14,116	.197	.815	.307	.05	.01	.04
ENVFAC	672	5.23	5.19	5.19	5.16	.05	.02	.02	.01	1.40	1.29	1.30	1.35	803	788	14,113	.493	.453	.212	.03	.03	.05
ENVADM	672	4.74	4.53	4.56	4.45	.06	.02	.02	.01	1.58	1.58	1.57	1.64	6,716	7,509	14,106	.001	.004	.000	.13	.12	.18
ACADPR01	669	4.46	4.51	4.52	4.32	.07	.02	.02	.02	1.84	1.79	1.79	1.79	6,662	7,449	14,014	.495	.435	.044	-.03	-.03	.08
WORKON01	668	1.99	2.10	2.09	1.90	.07	.02	.02	.01	1.79	1.71	1.72	1.67	6,662	7,449	727	.131	.146	.200	-.06	-.06	.05
WORKOF01	669	3.00	2.49	2.48	3.28	.09	.03	.03	.02	2.44	2.13	2.13	2.60	786	772	746	.000	.000	.003	.24	.24	-.11
COCURR01	669	2.08	2.45	2.49	2.22	.06	.02	.02	.01	1.46	1.63	1.65	1.56	865	847	747	.000	.000	.015	-.23	-.26	-.09

<sup>a</sup> All statistics are weighted by gender, enrollment status, and institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.



**National Survey  
of Student Engagement**

**NSSE 2009 Detailed Statistics <sup>a</sup>  
The University of Arizona  
Seniors**

	N	Mean				Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
		Arizona				Arizona				Arizona				AAUDE			AAUDE			AAUDE		
		Arizona	AAUDE	UA Selected Peers	Public High Research	Arizona	AAUDE	UA Selected Peers	Public High Research	Arizona	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research
SOCIAL05	665	3.52	3.86	3.83	3.66	.06	.02	.02	.01	1.46	1.59	1.57	1.56	851	823	742	.000	.000	.018	-.21	-.19	-.09
CAREDE01	664	1.97	1.52	1.50	1.95	.07	.02	.02	.02	1.90	1.41	1.38	1.89	747	733	13,938	.000	.000	.775	.31	.33	.01
COMMUTE	668	2.54	2.34	2.34	2.44	.04	.01	.01	.01	1.00	.85	.84	.96	780	763	13,993	.000	.000	.006	.24	.24	.11
ENVSCHOL	666	3.13	3.12	3.15	3.13	.03	.01	.01	.01	.80	.77	.76	.77	6,596	7,382	13,880	.732	.526	.923	.01	-.03	.00
ENVSUPRT	664	2.83	2.87	2.89	2.86	.03	.01	.01	.01	.90	.83	.83	.84	796	780	723	.296	.085	.406	-.05	-.07	-.03
ENVDIVRS	664	2.42	2.50	2.53	2.51	.04	.01	.01	.01	1.01	1.00	1.00	1.00	6,575	7,358	13,828	.047	.005	.015	-.08	-.11	-.10
ENVNACAD	662	1.84	1.90	1.93	1.90	.04	.01	.01	.01	.92	.87	.88	.91	799	785	13,848	.087	.010	.071	-.07	-.11	-.07
ENVSOCAL	661	2.12	2.22	2.26	2.20	.04	.01	.01	.01	.94	.90	.92	.92	6,559	7,345	13,787	.005	.000	.027	-.12	-.16	-.09
ENVEVENT	662	2.63	2.79	2.83	2.70	.04	.01	.01	.01	.96	.88	.89	.93	790	777	13,824	.000	.000	.076	-.17	-.22	-.07
ENVCOMPT	666	3.54	3.53	3.54	3.50	.03	.01	.01	.01	.70	.71	.70	.72	6,583	7,373	13,861	.741	.976	.256	.01	.00	.05
NGNENLED	660	3.19	3.22	3.26	3.21	.03	.01	.01	.01	.85	.80	.79	.81	794	775	720	.313	.049	.620	-.04	-.09	-.02
GNWORK	662	2.98	2.96	2.97	2.99	.04	.01	.01	.01	.97	.95	.95	.94	6,500	7,275	13,675	.568	.801	.876	.02	.01	-.01
GNWRITE	661	3.08	3.06	3.06	3.03	.03	.01	.01	.01	.88	.85	.85	.86	6,509	7,285	13,692	.547	.692	.145	.02	.02	.06
GNSPEAK	659	2.91	2.86	2.87	2.89	.04	.01	.01	.01	.97	.93	.93	.92	6,491	7,264	719	.210	.303	.504	.05	.04	.03
GNANALY	654	3.36	3.40	3.41	3.34	.03	.01	.01	.01	.80	.74	.74	.76	781	764	713	.320	.168	.555	-.04	-.06	.02
GNQUANT	659	3.13	3.08	3.11	3.09	.04	.01	.01	.01	.91	.90	.89	.88	6,486	7,258	13,645	.221	.582	.326	.05	.02	.04
GNCMPTS	660	3.23	3.19	3.21	3.21	.03	.01	.01	.01	.88	.86	.85	.86	6,509	7,285	13,690	.287	.494	.543	.04	.03	.02
GNOTHERS	660	3.12	3.12	3.14	3.12	.03	.01	.01	.01	.88	.86	.86	.87	6,506	7,279	13,699	.990	.507	.962	.00	-.03	.00
GNCITIZN	653	2.38	2.43	2.46	2.37	.04	.01	.01	.01	1.08	1.07	1.06	1.08	6,448	7,213	13,543	.271	.077	.670	-.05	-.07	.02
GNINQ	655	3.02	3.06	3.09	3.03	.04	.01	.01	.01	.92	.86	.86	.89	6,436	7,203	13,533	.221	.049	.803	-.05	-.08	-.01
GNSELF	651	2.71	2.82	2.85	2.77	.04	.01	.01	.01	1.02	.97	.97	1.00	789	772	13,509	.008	.001	.166	-.11	-.14	-.06
GNDIVERS	653	2.61	2.64	2.66	2.64	.04	.01	.01	.01	1.00	.96	.96	.98	792	774	13,540	.505	.273	.533	-.03	-.05	-.03
GNPROBSV	655	2.76	2.83	2.85	2.81	.04	.01	.01	.01	1.01	.93	.93	.95	784	768	713	.091	.022	.213	-.07	-.10	-.05
GNETHICS	655	2.56	2.60	2.66	2.61	.04	.01	.01	.01	1.08	1.01	1.01	1.03	787	772	715	.420	.023	.252	-.04	-.10	-.05
GNCOMMUN	653	2.36	2.43	2.49	2.43	.04	.01	.01	.01	1.04	.98	.99	1.00	790	7,205	13,542	.111	.001	.066	-.07	-.13	-.07
GNSPIRIT	654	1.68	1.69	1.77	1.78	.04	.01	.01	.01	1.00	.97	1.01	1.02	6,436	7,205	13,538	.935	.052	.021	.00	-.08	-.09
ADVISE	661	2.97	2.85	2.86	2.81	.04	.01	.01	.01	.92	.93	.94	.95	6,517	7,292	733	.002	.003	.000	.13	.12	.17
ENTIREXP	661	3.11	3.28	3.32	3.21	.03	.01	.01	.01	.80	.72	.72	.74	6,522	7,296	13,699	.000	.000	.000	-.24	-.29	-.14
SAMECOLL	661	3.23	3.32	3.36	3.25	.03	.01	.01	.01	.87	.81	.80	.84	795	775	13,699	.012	.000	.508	-.11	-.16	-.03

<sup>a</sup> All statistics are weighted by gender, enrollment status, and institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.

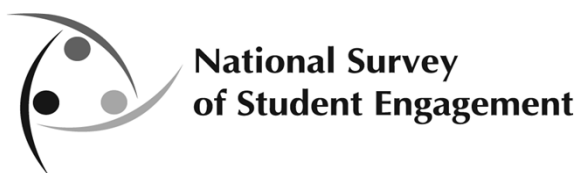
<sup>c</sup> A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.





**NSSE 2009 Mean Comparisons <sup>a</sup>**  
**Association of American Universities Data Exchange**  
**The University of Arizona**

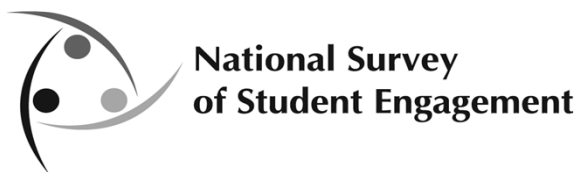
			Arizona	<i>Arizona compared with</i> <b>AAUDE</b>		
<b>Association of American Universities Data Exchange Consortium Questions</b>						
<i>Refer to the AAUDE consortium codebook for response option values.</i>						
	<i>Variable</i>	<i>Class</i>	<i>Mean</i>	<i>Mean</i>	<i>Sig <sup>b</sup></i>	<i>Effect size <sup>c</sup></i>
1.	Consider the size of the <b>lower-division</b> classes you've taken at this university – have they generally been:	FY	2.21	2.37	***	-.20
		SR	2.00	2.08	*	-.10
2.	Consider the size of the <b>upper-division</b> classes you've taken at this university – have they generally been:	FY	2.63	2.72	*	-.15
		SR	2.71	2.81	***	-.18
3.	How would you rate the quality of instruction in <b>lower-division</b> courses?	FY	2.74	2.83	*	-.12
		SR	2.45	2.54	*	-.11
4.	How would you rate the quality of instruction in <b>upper-division</b> courses?	FY	3.09	3.10		-.02
		SR	3.15	3.27	***	-.16
5.	Would you say that the courses you need to take for your <b>major</b> have been available:	FY	2.88	3.11	***	-.27
		SR	3.05	3.17	**	-.15
6.	Would you say that the courses you need to take for your <b>general education requirements</b> have been available:	FY	2.60	3.04	***	-.54
		SR	2.78	3.17	***	-.53
7.	How would you rate the academic quality of this university <b>in general</b> ?	FY	3.15	3.38	***	-.35
		SR	3.06	3.28	***	-.32
8.	How would you rate the academic quality of your <b>major program</b> ?	FY	3.31	3.43	***	-.17
		SR	3.28	3.33		-.06
9.	How would you rate the quality of academic advising you have received from your college or department at this university?	FY	2.98	2.92		.07
		SR	2.97	2.76	***	.21
10.	How would you rate this university's responsiveness to student academic problems?	FY	2.61	2.79	***	-.23
		SR	2.50	2.57		-.09
11.	During the past year, from what source did you receive <b>most</b> of your academic advising?	FY				
		SR				
12.	The advisor(s) in your college or department is (are) available when you need to see her/him (them).	FY	3.17	3.10	*	.10
		SR	3.17	3.07	**	.14

<sup>a</sup> Weighted by gender, enrollment status, and institution size

<sup>b</sup> \* p<.05, \*\* p<.01, \*\*\*p<.001

<sup>c</sup> Mean difference divided by the pooled s.d.

<sup>d</sup> Response set is categorical



**NSSE 2009 Mean Comparisons <sup>a</sup>**  
**Association of American Universities Data Exchange**  
**The University of Arizona**

			Arizona	<i>Arizona compared with</i> <b>AAUDE</b>		
<b>Association of American Universities Data Exchange Consortium Questions</b>						
<i>Refer to the AAUDE consortium codebook for response option values.</i>						
	<i>Variable</i>	<i>Class</i>	<i>Mean</i>	<i>Mean</i>	<i>Sig <sup>b</sup></i>	<i>Effect size <sup>c</sup></i>
13.	The information you've received from academic advisors has been accurate and up to date.	FY	3.26	3.16	**	.16
		SR	3.19	3.06	***	.17
14.	At this university, students have to run around from one place to another to get the information or approvals they need.	FY	2.80	2.72		.09
		SR	2.79	2.89	**	-.12
15.	I expect to complete a bachelor's degree:	FY				
		SR				
16.	Within one year of ending your undergraduate studies, which do you plan to do?	FY				
		SR				
17.	From the list below, choose <b>one</b> item that best describes the <b>biggest obstacle</b> to your academic progress.	FY				
		SR				
18.	What is your primary reason for working for pay (either on or off campus)?	FY				
		SR				
19.	While attending this university how often have you been challenged to do the very best you can?	FY	3.46	3.53	*	-.11
		SR	3.42	3.41		.02
20.	Most of the time, professors in my courses make it clear what they expect me to learn.	FY	3.21	3.24		-.04
		SR	3.22	3.26		-.06

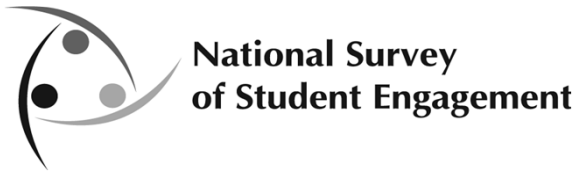
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<sup>a</sup> Weighted by gender, enrollment status, and institution size

<sup>b</sup> \* p<.05, \*\* p<.01, \*\*\*p<.001

<sup>c</sup> Mean difference divided by the pooled s.d.

<sup>d</sup> Response set is categorical



**NSSE 2009 Detailed Statistics<sup>a</sup>**  
**Association of American Universities Data Exchange**  
**The University of Arizona**

**First-Year Students**

**Seniors**

	N	Mean	Standard Error of the Mean <sup>b</sup>		Standard deviation <sup>c</sup>		DF <sup>d</sup>	Sig. <sup>e</sup>	Effect size <sup>f</sup>	
	Arizona	Arizona	AAUDE	Arizona	AAUDE	Arizona	AAUDE	AAUDE		
	<i>Arizona compared with AAUDE</i>									
AAU0901	498	2.21	2.37	.03	.01	.77	.75	4176	.000	-.20
AAU0902	379	2.63	2.72	.03	.01	.67	.59	467	.015	-.15
AAU0903	494	2.74	2.83	.03	.01	.76	.72	618	.016	-.12
AAU0904	365	3.09	3.10	.04	.01	.71	.70	2895	.727	-.02
AAU0905	469	2.88	3.11	.04	.01	.90	.83	581	.000	-.27
AAU0906	487	2.60	3.04	.04	.01	.91	.81	594	.000	-.54
AAU0907	521	3.15	3.38	.03	.01	.64	.64	675	.000	-.35
AAU0908	488	3.31	3.43	.03	.01	.68	.68	3822	.000	-.17
AAU0909	513	2.98	2.92	.04	.01	.94	.89	4083	.132	.07
AAU0910	480	2.61	2.79	.04	.01	.82	.80	620	.000	-.23
AAU0911 <sup>g</sup>										
AAU0912	506	3.17	3.10	.03	.01	.71	.68	651	.036	.10
AAU0913	500	3.26	3.16	.03	.01	.73	.67	629	.002	.16
AAU0914	482	2.80	2.72	.04	.01	.88	.83	3681	.054	.09
AAU0915 <sup>g</sup>										
AAU0916 <sup>g</sup>										
AAU0917 <sup>g</sup>										
AAU0918 <sup>g</sup>										
AAU0919	519	3.46	3.53	.03	.01	.65	.63	662	.023	-.11
AAU0920	519	3.21	3.24	.03	.01	.66	.62	4156	.387	-.04

	N	Mean	Standard Error of the Mean <sup>b</sup>		Standard deviation <sup>c</sup>		DF <sup>d</sup>	Sig. <sup>e</sup>	Effect size <sup>f</sup>	
	Arizona	Arizona	AAUDE	Arizona	AAUDE	Arizona	AAUDE	AAUDE		
	<i>Arizona compared with AAUDE</i>									
AAU0901	622	2.00	2.08	.03	.01	.79	.79	6113	.015	-.10
AAU0902	645	2.71	2.81	.03	.01	.65	.55	754	.000	-.18
AAU0903	615	2.45	2.54	.03	.01	.80	.76	6071	.010	-.11
AAU0904	642	3.15	3.27	.03	.01	.80	.71	6203	.000	-.16
AAU0905	645	3.05	3.17	.03	.01	.88	.78	765	.001	-.15
AAU0906	605	2.78	3.17	.03	.01	.86	.74	706	.000	-.53
AAU0907	643	3.06	3.28	.03	.01	.72	.67	774	.000	-.32
AAU0908	644	3.28	3.33	.03	.01	.81	.77	6223	.160	-.06
AAU0909	643	2.97	2.76	.04	.01	.97	.97	801	.000	.21
AAU0910	569	2.50	2.57	.04	.01	.91	.87	694	.064	-.09
AAU0911 <sup>g</sup>										
AAU0912	641	3.17	3.07	.03	.01	.79	.75	782	.002	.14
AAU0913	630	3.19	3.06	.03	.01	.77	.78	790	.000	.17
AAU0914	608	2.79	2.89	.04	.01	.92	.89	5887	.006	-.12
AAU0915 <sup>g</sup>										
AAU0916 <sup>g</sup>										
AAU0917 <sup>g</sup>										
AAU0918 <sup>g</sup>										
AAU0919	644	3.42	3.41	.03	.01	.66	.65	6182	.555	.02
AAU0920	644	3.22	3.26	.03	.01	.71	.61	760	.169	-.06

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<sup>a</sup> All statistics are weighted by gender, enrollment status, and institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, then dividing the result by the pooled standard deviation.

<sup>g</sup> Response set is categorical.



**National Survey  
of Student Engagement**

**The University of Arizona**

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**Frequency Distributions**

August 2009

# Interpreting the Frequency Distributions Report

## Sample

The *Frequency Distributions* report is based on information from all randomly selected students for both your institution and your comparison institutions. Targeted oversamples and other non-randomly selected students are not included in this report.

## Variables

The items from the NSSE survey appear in the left column in the same order and wording as they appear on the instrument.

## Variable Names

The name of each variable appears in the first column for easy reference to your raw data file and the *Mean Comparisons* report.

## Benchmark

Items that comprise the five “Benchmarks of Effective Educational Practice” are indicated by the following:

**LAC**=Level of Academic Challenge

**ACL**=Active and Collaborative Learning

**SFI**=Student-Faculty Interaction

**EEE**=Enriching Educational Experiences

**SCE**=Supportive Campus Environment

## Response Options

Response options listed just as they appear on the instrument.

## Weighting

Weights adjusting for gender, enrollment status, and institutional size are applied to the percentage column (%) of this report. Weights are computed separately for first-year students and seniors. Weighted results present a more accurate representation of your institution and comparison group students.

*Only the column percents are weighted. The counts are the actual number of respondents. Because the counts are unweighted and the column percentages are weighted, you will not be able to calculate the column percent directly from the count numbers.* For more information about weighting, please visit the NSSE Web site at [www.nsse.iub.edu/2009\\_Institutional\\_Report/NSSE\\_2009\\_Weighting.cfm](http://www.nsse.iub.edu/2009_Institutional_Report/NSSE_2009_Weighting.cfm).

## Class

Frequency distributions are reported separately for first-year students and seniors. Institution-reported class ranks are used.



**NSSE 2009 Engagement Item Frequency Distributions<sup>a</sup>**  
**NSSEville State University**

Variable	Response Options	First-Year Students				Seniors											
		NSSEville State		Mid East Public		Carnegie Class		NSSE 2009									
		Count	%	Count	%	Count	%	Count	%								
la. Asked questions in class or contributed to class discussions	Never	10	2%	1,003	5%	1,917	6%	6,351	4%	7	2%	602	3%	937	4%	3,773	2%
	Sometimes	158	31%	9,276	45%	14,476	42%	65,653	37%	96	19%	7,194	33%	9,772	33%	47,285	27%
	Often	191	38%	7,127	34%	12,442	34%	64,626	35%	169	31%	7,649	33%	10,741	32%	62,543	33%
	Very often	150	29%	3,377	16%	7,030	18%	44,696	24%	250	48%	7,570	31%	11,379	31%	78,261	38%
	Total	509	100%	20,783	100%	35,865	100%	181,326	100%	522	100%	23,015	100%	32,829	100%	191,862	100%
lb. Made a class presentation	Never	57	11%	3,518	19%	5,573	18%	23,434	15%	7	1%	1,109	6%	1,545	6%	8,445	5%
	Sometimes	310	61%	11,820	56%	19,707	55%	96,070	52%	121	21%	8,839	41%	12,395	42%	61,770	34%
	Often	116	22%	4,398	20%	8,225	21%	46,873	25%	222	43%	8,362	34%	11,854	33%	72,438	36%
	Very often	26	5%	1,037	5%	2,274	6%	14,562	8%	172	35%	4,691	19%	7,007	19%	49,038	24%
	Total	509	100%	20,773	100%	35,779	100%	180,939	100%	522	100%	23,001	100%	32,801	100%	191,691	100%
lc. Prepared two or more drafts of a paper or assignment before turning it in	Never	49	10%	3,263	18%	5,137	16%	23,636	13%	82	16%	4,379	20%	6,096	20%	31,065	16%
	Sometimes	152	29%	6,885	33%	11,440	32%	58,221	31%	240	47%	9,607	42%	13,342	41%	74,803	38%
	Often	187	39%	6,567	30%	11,717	32%	58,917	32%	120	22%	5,583	24%	8,216	24%	50,342	27%
	Very often	121	22%	4,072	19%	7,540	20%	40,343	23%	81	15%	3,423	14%	5,128	15%	35,502	18%
	Total	509	100%	20,787	100%	35,834	100%	181,117	100%	523	100%	22,992	100%	32,782	100%	191,712	100%
ld. Worked on a paper or project that required integrating ideas or information from various sources	Never	5	1%	597	4%	894	3%	3,635	2%	2	0%	263	1%	339	1%	1,927	1%
	Sometimes	63	13%	5,196	26%	8,045	24%	36,672	21%	48	9%	3,381	16%	4,706	16%	23,178	13%
	Often	218	44%	9,614	45%	16,368	44%	82,244	45%	209	41%	9,613	41%	13,373	41%	74,885	40%
	Very often	222	42%	5,384	25%	10,532	28%	58,631	32%	262	50%	9,729	41%	14,375	42%	91,727	46%
	Total	508	100%	20,791	100%	35,839	100%	181,182	100%	521	100%	22,986	100%	32,793	100%	191,717	100%
le. Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing	Never	21	4%	1,486	8%	2,468	8%	10,808	7%	29	6%	1,616	9%	2,411	9%	12,010	7%
	Sometimes	141	28%	7,408	35%	12,131	34%	57,446	32%	147	29%	7,895	35%	11,050	34%	59,116	31%
	Often	219	43%	7,953	37%	13,742	38%	70,683	38%	182	36%	7,873	33%	11,133	33%	66,426	34%
	Very often	127	24%	3,904	19%	7,456	21%	41,971	23%	161	29%	5,575	23%	8,138	24%	53,888	27%
	Total	508	100%	20,751	100%	35,797	100%	180,908	100%	519	100%	22,959	100%	32,732	100%	191,440	100%

## Count

The Count column represents the actual number of students who responded to the particular option in each question. *Counts are unweighted.*

## Column Percentage (%)

This column represents the *weighted* percentage of students responding to the particular option in each question.



**National Survey  
of Student Engagement**

**NSSE 2009 Engagement Item Frequency Distributions <sup>a</sup>  
The University of Arizona**

			First-Year Students								Seniors								
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research		
	Variable	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
1a.	Asked questions in class or contributed to class discussions	CLQUEST (ACL)	Never	21	3%	315	4%	385	6%	772	6%	30	4%	240	3%	273	3%	535	3%
			Sometimes	247	40%	3,087	43%	3,777	45%	6,396	44%	232	33%	2,877	33%	3,242	34%	5,481	33%
			Often	210	35%	2,315	33%	2,751	31%	4,927	32%	215	31%	2,887	33%	3,183	32%	5,419	32%
			Very often	133	22%	1,376	19%	1,601	18%	2,734	18%	224	32%	2,945	31%	3,153	30%	5,390	32%
			Total	611	100%	7,093	100%	8,514	100%	14,829	100%	701	100%	8,949	100%	9,851	100%	16,825	100%
1b.	Made a class presentation	CLPRESEN (ACL)	Never	69	12%	1,348	19%	1,580	22%	2,963	23%	50	7%	489	6%	576	7%	1,086	7%
			Sometimes	349	57%	4,222	59%	5,115	57%	8,433	55%	290	42%	3,828	44%	4,392	45%	6,968	42%
			Often	145	23%	1,185	17%	1,456	16%	2,631	17%	216	31%	2,976	32%	3,185	32%	5,596	33%
			Very often	48	8%	325	5%	348	4%	798	5%	146	21%	1,651	17%	1,692	17%	3,210	19%
			Total	611	100%	7,080	100%	8,499	100%	14,825	100%	702	100%	8,944	100%	9,845	100%	16,860	100%
1c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP	Never	70	12%	1,304	19%	1,632	21%	2,481	19%	117	17%	1,807	20%	2,090	20%	3,225	19%
			Sometimes	160	26%	2,452	35%	2,953	35%	4,585	32%	253	36%	3,774	42%	4,158	42%	6,748	40%
			Often	207	34%	2,205	31%	2,568	30%	4,689	31%	201	29%	2,126	24%	2,279	24%	4,289	26%
			Very often	173	28%	1,096	15%	1,310	14%	3,014	19%	126	18%	1,231	14%	1,305	14%	2,566	16%
			Total	610	100%	7,057	100%	8,463	100%	14,769	100%	697	100%	8,938	100%	9,832	100%	16,828	100%
1d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT	Never	10	2%	211	3%	246	4%	444	4%	11	2%	75	1%	88	1%	205	1%
			Sometimes	101	17%	1,787	25%	2,139	27%	3,429	25%	105	15%	1,201	14%	1,354	15%	2,386	15%
			Often	264	43%	3,200	46%	3,823	45%	6,416	43%	245	35%	3,418	39%	3,792	39%	6,606	39%
			Very often	238	39%	1,902	26%	2,308	25%	4,563	29%	339	48%	4,264	46%	4,632	45%	7,678	44%
			Total	613	100%	7,100	100%	8,516	100%	14,852	100%	700	100%	8,958	100%	9,866	100%	16,875	100%
1e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS	Never	39	7%	500	7%	621	9%	1,091	9%	69	10%	744	9%	801	9%	1,554	10%
			Sometimes	207	34%	2,189	31%	2,725	32%	4,650	32%	220	31%	2,849	32%	3,054	33%	5,488	32%
			Often	225	37%	2,807	40%	3,301	38%	5,698	37%	211	30%	3,035	34%	3,342	33%	5,569	33%
			Very often	141	23%	1,585	22%	1,845	20%	3,379	22%	199	28%	2,303	25%	2,638	25%	4,236	25%
			Total	612	100%	7,081	100%	8,492	100%	14,818	100%	699	100%	8,931	100%	9,835	100%	16,847	100%
1f.	Come to class without completing readings or assignments	CLUNPREP	Never	76	12%	1,308	18%	1,494	17%	2,774	18%	87	12%	1,127	12%	1,218	12%	2,306	13%
			Sometimes	350	57%	4,096	57%	5,020	57%	8,683	57%	395	57%	4,906	54%	5,383	54%	9,407	56%
			Often	130	21%	1,197	18%	1,434	18%	2,399	17%	142	20%	1,954	23%	2,164	23%	3,483	21%
			Very often	55	9%	501	7%	564	8%	984	7%	76	11%	961	11%	1,084	11%	1,657	10%
			Total	611	100%	7,102	100%	8,512	100%	14,840	100%	700	100%	8,948	100%	9,849	100%	16,853	100%
1g.	Worked with other students on projects during class	CLASSGRP (ACL)	Never	74	13%	1,107	16%	1,309	16%	2,040	15%	78	11%	1,089	13%	1,286	14%	2,104	13%
			Sometimes	246	41%	3,242	46%	3,959	46%	6,585	44%	310	44%	4,143	46%	4,600	47%	7,348	43%
			Often	211	34%	2,092	29%	2,474	28%	4,686	31%	181	26%	2,518	28%	2,721	27%	4,908	29%
			Very often	79	13%	663	9%	776	9%	1,551	11%	131	18%	1,203	13%	1,248	13%	2,503	15%
			Total	610	100%	7,104	100%	8,518	100%	14,862	100%	700	100%	8,953	100%	9,855	100%	16,863	100%

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# National Survey of Student Engagement

## NSSE 2009 Engagement Item Frequency Distributions <sup>a</sup> The University of Arizona

			First-Year Students								Seniors								
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research		
	Variable	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
1h.	Worked with classmates outside of class to prepare class assignments	OCCGRP (ACL)	Never	46	8%	608	8%	664	8%	1,689	12%	41	6%	471	5%	535	5%	1,114	7%
Sometimes			219	35%	3,027	42%	3,780	42%	6,372	41%	226	32%	2,947	32%	3,297	32%	5,367	32%	
Often			237	39%	2,438	35%	2,906	35%	4,793	32%	220	31%	2,948	33%	3,264	33%	5,563	33%	
Very often			112	18%	1,047	15%	1,193	16%	2,041	15%	216	31%	2,607	29%	2,785	30%	4,861	28%	
Total		614	100%	7,120	100%	8,543	100%	14,895	100%	703	100%	8,973	100%	9,881	100%	16,905	100%		
1i.	Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS	Never	39	7%	357	5%	422	6%	871	7%	16	2%	189	2%	206	2%	475	3%
Sometimes			234	40%	2,649	40%	3,261	41%	5,731	41%	189	28%	2,297	27%	2,528	27%	4,297	27%	
Often			227	38%	2,681	40%	3,200	39%	5,367	38%	263	39%	3,734	44%	4,124	44%	6,927	43%	
Very often			87	15%	1,014	15%	1,172	14%	1,970	14%	215	31%	2,368	27%	2,596	27%	4,474	27%	
Total		587	100%	6,701	100%	8,055	100%	13,939	100%	683	100%	8,588	100%	9,454	100%	16,173	100%		
1j.	Tutored or taught other students (paid or voluntary)	TUTOR (ACL)	Never	275	47%	3,253	47%	3,935	46%	6,901	48%	245	36%	3,710	42%	4,081	41%	7,119	43%
Sometimes			201	34%	2,321	36%	2,835	36%	4,797	35%	278	41%	3,038	36%	3,340	37%	5,772	36%	
Often			79	13%	780	12%	898	12%	1,615	12%	91	13%	1,037	13%	1,195	13%	1,975	13%	
Very often			32	5%	355	5%	404	5%	666	5%	70	10%	814	9%	849	9%	1,350	8%	
Total		587	100%	6,709	100%	8,072	100%	13,979	100%	684	100%	8,599	100%	9,465	100%	16,216	100%		
1k.	Participated in a community- based project (e.g. service learning) as part of a regular course	COMMPROJ (ACL)	Never	401	69%	4,316	65%	5,405	66%	8,943	65%	410	60%	5,053	60%	5,609	60%	9,279	58%
Sometimes			124	21%	1,471	22%	1,681	22%	3,236	23%	167	24%	2,294	26%	2,491	26%	4,462	27%	
Often			42	7%	582	8%	626	8%	1,168	9%	67	10%	749	9%	832	9%	1,506	10%	
Very often			20	3%	296	4%	304	4%	535	4%	40	6%	463	5%	490	5%	895	5%	
Total		587	100%	6,665	100%	8,016	100%	13,882	100%	684	100%	8,559	100%	9,422	100%	16,142	100%		
1l.	Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	ITACADEM (EEE)	Never	73	13%	752	11%	849	11%	1,674	12%	62	9%	765	9%	788	9%	1,598	10%
Sometimes			160	27%	2,170	33%	2,601	32%	4,436	32%	164	24%	2,399	28%	2,555	28%	4,480	28%	
Often			159	27%	2,005	29%	2,433	29%	4,057	28%	182	27%	2,410	28%	2,743	29%	4,508	28%	
Very often			198	34%	1,792	27%	2,196	27%	3,820	28%	277	41%	3,023	34%	3,376	35%	5,637	34%	
Total		590	100%	6,719	100%	8,079	100%	13,987	100%	685	100%	8,597	100%	9,462	100%	16,223	100%		
1m.	Used e-mail to communicate with an instructor	EMAIL	Never	4	1%	69	1%	87	1%	176	2%	2	0%	40	1%	43	1%	78	1%
Sometimes			105	18%	1,500	23%	1,813	24%	3,031	24%	100	15%	1,012	13%	1,104	13%	1,978	13%	
Often			238	41%	2,521	37%	3,031	37%	5,134	36%	218	32%	2,675	32%	2,947	32%	5,050	32%	
Very often			241	40%	2,622	38%	3,144	37%	5,628	38%	366	53%	4,869	55%	5,365	55%	9,104	54%	
Total		588	100%	6,712	100%	8,075	100%	13,969	100%	686	100%	8,596	100%	9,459	100%	16,210	100%		
1n.	Discussed grades or assignments with an instructor	FACGRADE (SFI)	Never	29	5%	637	9%	723	9%	1,297	10%	33	5%	469	6%	513	6%	872	6%
Sometimes			246	43%	3,147	47%	3,849	48%	6,227	45%	241	35%	3,498	41%	3,884	41%	6,282	39%	
Often			198	33%	1,983	29%	2,379	29%	4,224	29%	232	34%	2,762	32%	3,028	32%	5,290	32%	
Very often			114	19%	929	14%	1,100	14%	2,206	16%	180	26%	1,860	20%	2,024	21%	3,756	23%	
Total		587	100%	6,696	100%	8,051	100%	13,954	100%	686	100%	8,589	100%	9,449	100%	16,200	100%		

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**National Survey  
of Student Engagement**

**NSSE 2009 Engagement Item Frequency Distributions <sup>a</sup>  
The University of Arizona**

			First-Year Students								Seniors								
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research		
	Variable	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
1o.	Talked about career plans with a faculty member or advisor	FACPLANS (SFI)	Never	128	21%	1,590	24%	1,930	24%	3,059	23%	123	18%	1,379	17%	1,571	17%	2,926	19%
			Sometimes	271	47%	3,195	48%	3,921	48%	6,575	47%	284	41%	3,982	47%	4,421	47%	7,182	44%
			Often	127	21%	1,414	21%	1,645	21%	3,067	21%	167	24%	2,074	24%	2,261	24%	3,918	24%
			Very often	62	10%	507	8%	567	7%	1,267	9%	112	16%	1,157	12%	1,207	12%	2,189	13%
			Total	588	100%	6,706	100%	8,063	100%	13,968	100%	686	100%	8,592	100%	9,460	100%	16,215	100%
1p.	Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS (SFI)	Never	225	37%	2,809	41%	3,439	43%	6,217	44%	227	33%	2,644	31%	2,942	32%	5,358	33%
			Sometimes	254	43%	2,732	41%	3,270	40%	5,363	38%	283	41%	3,924	45%	4,340	45%	7,111	43%
			Often	70	13%	887	14%	1,038	13%	1,743	13%	115	17%	1,426	17%	1,526	16%	2,560	16%
			Very often	39	7%	286	4%	326	4%	663	5%	62	9%	611	7%	666	7%	1,209	8%
			Total	588	100%	6,714	100%	8,073	100%	13,986	100%	687	100%	8,605	100%	9,474	100%	16,238	100%
1q.	Received prompt written or oral feedback from faculty on your academic performance	FACFEED (SFI)	Never	40	7%	498	8%	607	9%	1,164	10%	36	5%	436	5%	465	5%	989	7%
			Sometimes	199	34%	2,696	41%	3,250	42%	5,374	40%	247	36%	3,064	36%	3,344	36%	5,779	36%
			Often	246	43%	2,532	39%	3,073	37%	5,286	38%	278	41%	3,694	44%	4,122	44%	6,758	42%
			Very often	96	16%	851	13%	990	12%	1,864	13%	122	18%	1,297	15%	1,424	15%	2,489	15%
			Total	581	100%	6,577	100%	7,920	100%	13,688	100%	683	100%	8,491	100%	9,355	100%	16,015	100%
1r.	Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD (LAC)	Never	46	8%	599	10%	711	10%	1,160	9%	66	10%	713	9%	792	9%	1,296	8%
			Sometimes	199	35%	2,584	39%	3,141	39%	5,223	38%	212	31%	3,388	40%	3,752	40%	6,023	38%
			Often	231	40%	2,479	37%	2,946	37%	5,186	37%	270	39%	2,974	35%	3,297	35%	5,889	37%
			Very often	105	17%	913	14%	1,121	14%	2,112	16%	135	20%	1,415	16%	1,517	16%	2,808	17%
			Total	581	100%	6,575	100%	7,919	100%	13,681	100%	683	100%	8,490	100%	9,358	100%	16,016	100%
1s.	Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER (SFI)	Never	350	61%	4,044	61%	4,928	62%	8,502	62%	346	51%	3,995	49%	4,464	49%	8,015	51%
			Sometimes	143	25%	1,707	26%	2,039	26%	3,397	25%	199	29%	2,747	32%	3,057	32%	4,840	30%
			Often	60	10%	607	9%	705	9%	1,281	10%	86	13%	1,151	13%	1,206	13%	2,020	12%
			Very often	23	4%	198	3%	223	3%	461	4%	49	7%	579	6%	608	6%	1,110	7%
			Total	576	100%	6,556	100%	7,895	100%	13,641	100%	680	100%	8,472	100%	9,335	100%	15,985	100%
1t.	Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	OOCIDEAS (ACL)	Never	36	6%	283	4%	324	4%	733	6%	22	3%	271	3%	284	3%	611	4%
			Sometimes	196	35%	2,277	35%	2,736	35%	4,892	36%	202	30%	2,636	31%	2,851	31%	5,078	32%
			Often	223	38%	2,499	38%	3,012	38%	4,982	36%	265	39%	3,292	39%	3,591	38%	6,064	38%
			Very often	125	21%	1,516	23%	1,846	23%	3,071	22%	194	28%	2,286	27%	2,619	27%	4,259	26%
			Total	580	100%	6,575	100%	7,918	100%	13,678	100%	683	100%	8,485	100%	9,345	100%	16,012	100%
1u.	Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD (EEE)	Never	62	10%	793	12%	899	12%	1,840	14%	63	9%	807	10%	857	10%	1,743	11%
			Sometimes	179	32%	2,238	34%	2,690	34%	4,540	32%	193	28%	2,669	32%	2,902	32%	5,118	32%
			Often	183	31%	1,822	27%	2,220	27%	3,776	27%	191	28%	2,523	29%	2,782	29%	4,627	29%
			Very often	157	27%	1,727	27%	2,116	26%	3,538	27%	234	34%	2,500	29%	2,826	30%	4,554	29%
			Total	581	100%	6,580	100%	7,925	100%	13,694	100%	681	100%	8,499	100%	9,367	100%	16,042	100%

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# National Survey of Student Engagement

## NSSE 2009 Engagement Item Frequency Distributions<sup>a</sup> The University of Arizona

			First-Year Students								Seniors								
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research		
	Variable	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
1v.	Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values	DIFFSTU2 (EEE)	Never	42	7%	510	8%	607	8%	1,284	10%	44	7%	547	7%	595	7%	1,296	8%
			Sometimes	186	34%	2,117	32%	2,497	32%	4,435	32%	203	30%	2,597	31%	2,856	31%	5,039	31%
			Often	174	29%	2,056	31%	2,510	31%	4,143	30%	214	31%	2,795	32%	3,040	32%	4,961	31%
			Very often	179	30%	1,905	29%	2,320	29%	3,844	28%	222	32%	2,569	30%	2,880	30%	4,746	30%
			Total	581	100%	6,588	100%	7,934	100%	13,706	100%	683	100%	8,508	100%	9,371	100%	16,042	100%
2a.	Coursework emphasizes: <b>Memorizing</b> facts, ideas, or methods from your courses and readings	MEMORIZE	Very little	25	4%	331	5%	394	5%	648	5%	51	7%	776	10%	843	9%	1,326	8%
			Some	131	23%	1,645	26%	2,002	26%	3,298	25%	188	28%	2,615	31%	2,853	31%	4,662	30%
			Quite a bit	239	42%	2,690	41%	3,261	41%	5,676	41%	241	36%	3,007	35%	3,341	36%	5,861	37%
			Very much	184	31%	1,889	28%	2,236	28%	4,006	29%	199	29%	2,046	24%	2,263	24%	4,075	25%
			Total	579	100%	6,555	100%	7,893	100%	13,628	100%	679	100%	8,444	100%	9,300	100%	15,924	100%
2b.	Coursework emphasizes: <b>Analyzing</b> the basic elements of an idea, experience, or theory	ANALYZE (LAC)	Very little	8	1%	76	1%	96	1%	236	2%	11	2%	87	1%	98	1%	211	1%
			Some	70	12%	941	14%	1,068	14%	2,176	16%	70	10%	992	12%	1,061	12%	2,049	13%
			Quite a bit	241	42%	2,957	45%	3,620	46%	6,053	44%	257	38%	3,424	41%	3,817	42%	6,576	42%
			Very much	256	45%	2,552	39%	3,079	39%	5,087	38%	340	50%	3,906	46%	4,286	45%	7,047	44%
			Total	575	100%	6,526	100%	7,863	100%	13,552	100%	678	100%	8,409	100%	9,262	100%	15,883	100%
2c.	Coursework emphasizes: <b>Synthesizing</b> and organizing ideas, information, or experiences	SYNTHESEZ (LAC)	Very little	12	2%	203	3%	245	4%	525	4%	33	5%	260	3%	285	3%	589	4%
			Some	127	22%	1,647	25%	1,899	25%	3,453	26%	126	19%	1,653	20%	1,789	20%	3,358	21%
			Quite a bit	246	43%	2,805	43%	3,401	43%	5,727	42%	249	37%	3,359	41%	3,712	41%	6,420	40%
			Very much	190	33%	1,872	28%	2,313	28%	3,846	28%	268	40%	3,122	36%	3,470	36%	5,500	34%
			Total	575	100%	6,527	100%	7,858	100%	13,551	100%	676	100%	8,394	100%	9,256	100%	15,867	100%
2d.	Coursework emphasizes: <b>Making judgments</b> about the value of information, arguments, or methods	EVALUATE (LAC)	Very little	28	5%	321	5%	382	5%	680	5%	46	7%	408	5%	447	5%	813	5%
			Some	143	24%	1,789	27%	2,159	28%	3,612	27%	132	19%	1,970	24%	2,192	24%	3,753	24%
			Quite a bit	234	41%	2,790	43%	3,338	42%	5,689	42%	251	37%	3,300	40%	3,692	40%	6,248	39%
			Very much	171	29%	1,635	25%	1,986	25%	3,585	27%	251	37%	2,745	32%	2,948	31%	5,077	32%
			Total	576	100%	6,535	100%	7,865	100%	13,566	100%	680	100%	8,423	100%	9,279	100%	15,891	100%
2e.	Coursework emphasizes: <b>Applying</b> theories or concepts to practical problems or in new situations	APPLYING (LAC)	Very little	17	3%	184	3%	237	3%	468	4%	24	4%	260	3%	287	3%	473	3%
			Some	106	19%	1,284	19%	1,521	19%	2,688	20%	104	15%	1,396	17%	1,546	16%	2,667	17%
			Quite a bit	226	39%	2,587	40%	3,093	39%	5,307	38%	213	31%	3,000	36%	3,336	36%	5,707	36%
			Very much	228	39%	2,490	38%	3,031	38%	5,141	38%	337	50%	3,777	44%	4,120	44%	7,073	44%
			Total	577	100%	6,545	100%	7,882	100%	13,604	100%	678	100%	8,433	100%	9,289	100%	15,920	100%
3a.	Number of assigned textbooks, books, or book-length packs of course readings	READASGN (LAC)	None	12	2%	74	1%	85	1%	177	1%	13	2%	117	1%	119	2%	283	2%
			1-4	122	22%	923	15%	1,072	15%	2,741	21%	215	32%	1,870	23%	2,034	24%	4,254	28%
			5-10	215	38%	2,692	41%	3,232	41%	5,767	42%	227	33%	3,117	37%	3,401	37%	5,961	37%
			11-20	141	24%	1,929	29%	2,397	29%	3,332	24%	117	17%	1,965	23%	2,218	23%	3,170	20%
			More than 20	87	14%	931	14%	1,092	13%	1,574	11%	105	15%	1,348	15%	1,507	15%	2,213	13%
			Total	577	100%	6,549	100%	7,878	100%	13,591	100%	677	100%	8,417	100%	9,279	100%	15,881	100%

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The University of Arizona**

			First-Year Students								Seniors							
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research	
Variable	Response Options		Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
3b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN	None	142	25%	1,563	25%	1,829	25%	3,357	26%	147	22%	1,624	19%	1,750	19%	3,274	21%
		1-4	306	53%	3,664	56%	4,453	56%	7,249	54%	352	52%	4,506	53%	4,959	53%	8,330	53%
		5-10	90	16%	947	14%	1,145	14%	2,036	14%	107	15%	1,460	17%	1,659	17%	2,683	17%
		11-20	21	3%	212	3%	261	3%	525	4%	30	4%	461	5%	521	5%	863	5%
		More than 20	16	3%	160	2%	188	2%	414	3%	44	7%	356	4%	379	4%	712	4%
		Total	575	100%	6,546	100%	7,876	100%	13,581	100%	680	100%	8,407	100%	9,268	100%	15,862	100%
3c. Number of written papers or reports of <b>20 pages or more</b>	WRITEMOR (LAC)	None	431	75%	5,434	83%	6,659	84%	11,483	84%	366	54%	4,069	50%	4,731	52%	8,399	54%
		1-4	98	18%	839	13%	925	12%	1,487	12%	245	36%	3,585	41%	3,757	40%	5,996	37%
		5-10	26	4%	165	3%	174	2%	377	3%	39	6%	516	6%	521	6%	991	6%
		11-20	7	1%	61	1%	71	1%	131	1%	10	1%	141	2%	157	2%	292	2%
		More than 20	12	2%	34	0%	39	1%	74	1%	16	2%	103	1%	108	1%	199	1%
		Total	574	100%	6,533	100%	7,868	100%	13,552	100%	676	100%	8,414	100%	9,274	100%	15,877	100%
3d. Number of written papers or reports <b>between 5 and 19 pages</b>	WRITEMID (LAC)	None	44	8%	837	13%	1,011	16%	2,101	18%	69	10%	608	8%	672	9%	1,665	11%
		1-4	273	47%	3,534	54%	4,223	54%	7,407	54%	310	46%	3,463	42%	3,894	44%	7,123	46%
		5-10	184	32%	1,750	27%	2,102	24%	3,283	23%	198	29%	2,885	33%	3,177	32%	4,817	29%
		11-20	54	9%	339	5%	434	5%	619	4%	69	10%	1,083	12%	1,150	12%	1,657	10%
		More than 20	19	4%	72	1%	88	1%	138	1%	28	4%	368	4%	376	4%	598	4%
		Total	574	100%	6,532	100%	7,858	100%	13,548	100%	674	100%	8,407	100%	9,269	100%	15,860	100%
3e. Number of written papers or reports of <b>fewer than 5 pages</b>	WRITESML (LAC)	None	21	4%	150	2%	171	3%	430	4%	40	6%	348	4%	377	5%	897	6%
		1-4	168	28%	1,933	30%	2,286	32%	4,816	36%	224	33%	2,509	30%	2,782	31%	5,383	34%
		5-10	170	30%	2,312	35%	2,790	34%	4,754	34%	182	27%	2,566	30%	2,883	30%	4,589	28%
		11-20	132	23%	1,443	22%	1,797	20%	2,437	18%	120	18%	1,731	21%	1,912	20%	2,869	18%
		More than 20	85	15%	707	11%	834	10%	1,139	9%	109	16%	1,254	15%	1,324	14%	2,136	13%
		Total	576	100%	6,545	100%	7,878	100%	13,576	100%	675	100%	8,408	100%	9,278	100%	15,874	100%
4a. Number of problem sets that take you <b>more</b> than an hour to complete	PROBSETA	None	49	8%	756	11%	881	11%	1,509	11%	130	19%	2,128	23%	2,442	24%	3,453	21%
		1-2	187	33%	2,330	36%	2,851	36%	4,904	36%	212	31%	2,661	33%	2,976	33%	5,106	33%
		3-4	203	35%	2,058	32%	2,488	32%	4,278	32%	186	28%	2,091	26%	2,243	26%	4,232	27%
		5-6	66	12%	691	11%	795	10%	1,406	10%	61	9%	643	8%	675	8%	1,273	8%
		More than 6	73	12%	701	11%	846	11%	1,450	11%	89	13%	850	10%	895	10%	1,753	11%
		Total	578	100%	6,536	100%	7,861	100%	13,547	100%	678	100%	8,373	100%	9,231	100%	15,817	100%
4b. Number of problem sets that take you <b>less</b> than an hour to complete	PROBSETB	None	80	14%	1,107	17%	1,381	17%	1,797	14%	247	37%	3,196	37%	3,627	37%	5,139	32%
		1-2	197	34%	2,454	38%	2,990	38%	5,057	38%	230	34%	2,829	34%	3,151	34%	5,625	36%
		3-4	153	26%	1,567	24%	1,832	23%	3,449	24%	99	14%	1,309	16%	1,371	15%	2,766	17%
		5-6	68	12%	620	9%	730	9%	1,428	10%	38	6%	451	5%	469	5%	973	6%
		More than 6	77	14%	772	12%	911	13%	1,815	14%	62	9%	591	7%	618	7%	1,296	9%
		Total	575	100%	6,520	100%	7,844	100%	13,546	100%	676	100%	8,376	100%	9,236	100%	15,799	100%

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			First-Year Students								Seniors							
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research	
Variable	Response Options		Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
5. Select the circle that best represents the extent to which your examinations during the current school year challenged you to do your best work	EXAMS	1 Very little	5	1%	32	1%	32	1%	66	1%	13	2%	77	1%	85	1%	171	1%
		2	4	1%	52	1%	53	1%	115	1%	11	2%	156	2%	172	2%	274	2%
		3	19	3%	156	2%	170	2%	382	3%	22	3%	336	4%	354	4%	629	4%
		4	57	10%	558	8%	601	8%	1,324	10%	66	10%	998	12%	1,032	12%	1,806	12%
		5	168	29%	1,914	29%	2,141	28%	3,959	29%	185	27%	2,736	32%	2,979	32%	4,817	30%
		6	211	36%	2,616	40%	3,220	40%	5,178	38%	207	30%	2,854	34%	3,197	34%	5,355	33%
		7 Very much	114	20%	1,221	19%	1,668	21%	2,562	19%	177	26%	1,254	15%	1,454	16%	2,810	18%
	Total		578	100%	6,549	100%	7,885	100%	13,586	100%	681	100%	8,411	100%	9,273	100%	15,862	100%
6a. Attended an art exhibit, play, dance, music, theater, or other performance	ATDART07	Never	162	29%	1,273	20%	1,451	21%	3,338	25%	211	31%	1,915	24%	2,065	24%	4,499	29%
		Sometimes	267	46%	3,403	52%	4,101	52%	6,391	47%	309	46%	4,146	49%	4,655	50%	7,424	47%
		Often	94	16%	1,200	18%	1,512	19%	2,403	18%	92	13%	1,411	17%	1,570	17%	2,430	15%
		Very often	47	8%	598	9%	734	9%	1,303	10%	65	9%	856	10%	903	9%	1,376	9%
		Total		570	100%	6,474	100%	7,798	100%	13,435	100%	677	100%	8,328	100%	9,193	100%	15,729
6b. Exercised or participated in physical fitness activities	EXRCSE05	Never	51	9%	469	7%	471	6%	1,274	10%	66	10%	638	8%	644	7%	1,523	10%
		Sometimes	172	30%	1,792	27%	2,074	26%	3,742	28%	218	32%	2,522	30%	2,760	30%	4,874	31%
		Often	158	27%	1,853	29%	2,334	30%	3,800	28%	167	25%	2,157	26%	2,395	26%	4,073	26%
		Very often	188	34%	2,361	37%	2,923	37%	4,610	34%	225	33%	3,011	36%	3,393	37%	5,245	33%
		Total		569	100%	6,475	100%	7,802	100%	13,426	100%	676	100%	8,328	100%	9,192	100%	15,715
6c. Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSH05	Never	275	48%	3,059	47%	3,382	43%	5,725	42%	310	46%	4,013	48%	4,087	45%	6,469	42%
		Sometimes	150	27%	1,742	27%	2,129	27%	3,580	27%	180	26%	2,343	28%	2,614	28%	4,402	27%
		Often	79	14%	811	13%	1,045	14%	1,885	14%	69	10%	921	11%	1,112	12%	2,117	13%
		Very often	65	11%	850	13%	1,231	16%	2,209	17%	116	17%	1,040	13%	1,359	15%	2,704	18%
		Total		569	100%	6,462	100%	7,787	100%	13,399	100%	675	100%	8,317	100%	9,172	100%	15,692
6d. Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW	Never	51	9%	561	9%	628	8%	1,230	10%	52	8%	577	7%	575	7%	1,164	8%
		Sometimes	216	38%	2,562	39%	3,055	39%	5,239	39%	216	32%	2,981	35%	3,197	34%	5,515	35%
		Often	192	34%	2,246	34%	2,736	34%	4,631	34%	241	36%	3,041	37%	3,452	38%	5,675	36%
		Very often	109	19%	1,088	17%	1,364	18%	2,295	18%	167	25%	1,703	21%	1,947	21%	3,333	22%
		Total		568	100%	6,457	100%	7,783	100%	13,395	100%	676	100%	8,302	100%	9,171	100%	15,687
6e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW	Never	33	6%	310	5%	364	5%	730	6%	32	5%	303	4%	311	4%	672	4%
		Sometimes	166	30%	2,157	34%	2,600	34%	4,526	34%	214	32%	2,542	31%	2,760	31%	4,830	31%
		Often	241	42%	2,622	40%	3,154	40%	5,223	38%	248	37%	3,387	41%	3,762	40%	6,225	39%
		Very often	129	22%	1,387	22%	1,676	22%	2,944	22%	181	27%	2,067	25%	2,326	25%	3,964	26%
		Total		569	100%	6,476	100%	7,794	100%	13,423	100%	675	100%	8,299	100%	9,159	100%	15,691
6f. Learned something that changed the way you understand an issue or concept	CHNGVIEW	Never	18	3%	158	3%	195	3%	434	4%	21	3%	193	2%	203	2%	448	3%
		Sometimes	186	34%	1,984	31%	2,408	31%	4,289	32%	211	31%	2,444	29%	2,695	30%	4,781	30%
		Often	222	39%	2,711	42%	3,225	41%	5,417	40%	252	37%	3,440	41%	3,801	41%	6,396	41%
		Very often	140	24%	1,631	25%	1,981	25%	3,295	25%	193	29%	2,259	27%	2,499	27%	4,100	26%
		Total		566	100%	6,484	100%	7,809	100%	13,435	100%	677	100%	8,336	100%	9,198	100%	15,725

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			First-Year Students								Seniors								
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research		
	Variable	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
7a.	Practicum, internship, field experience, co-op experience, or clinical assignment	INTERN04 (EEE)	decided	65	12%	662	10%	773	10%	1,418	11%	49	7%	483	6%	552	6%	1,121	8%
			do	25	5%	181	3%	224	3%	407	3%	87	13%	1,104	14%	1,366	15%	2,339	16%
			Plan to do	410	73%	5,122	79%	6,200	80%	10,580	79%	157	24%	1,521	20%	1,647	20%	3,431	24%
			Done	57	10%	448	7%	529	7%	836	7%	380	56%	5,132	60%	5,531	59%	8,654	53%
		Total	557	100%	6,413	100%	7,726	100%	13,241	100%	673	100%	8,240	100%	9,096	100%	15,545	100%	
7b.	Community service or volunteer work	VOLNTR04 (EEE)	decided	63	12%	646	11%	700	10%	1,390	11%	50	7%	574	7%	602	7%	1,284	9%
			do	34	7%	290	5%	313	5%	655	6%	105	16%	1,145	15%	1,218	14%	2,281	15%
			Plan to do	214	38%	2,786	43%	3,228	41%	5,647	41%	97	14%	886	11%	957	11%	1,988	13%
			Done	241	43%	2,664	41%	3,459	44%	5,511	42%	419	62%	5,599	67%	6,284	68%	9,934	62%
		Total	552	100%	6,386	100%	7,700	100%	13,203	100%	671	100%	8,204	100%	9,061	100%	15,487	100%	
7c.	Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04 (EEE)	decided	172	31%	1,538	24%	1,957	25%	3,622	27%	86	13%	694	9%	773	9%	1,726	12%
			do	166	31%	1,840	29%	2,414	30%	3,522	27%	364	55%	4,464	55%	5,095	56%	8,212	53%
			Plan to do	137	24%	1,159	18%	1,371	18%	2,712	21%	59	9%	431	6%	480	6%	1,035	7%
			Done	78	14%	1,831	29%	1,936	27%	3,307	24%	160	24%	2,621	31%	2,721	30%	4,496	28%
		Total	553	100%	6,368	100%	7,678	100%	13,163	100%	669	100%	8,210	100%	9,069	100%	15,469	100%	
7d.	Work on a research project with a faculty member outside of course or program requirements	RESRCH04 (SFI)	decided	183	32%	2,288	36%	2,779	36%	4,894	36%	101	15%	973	12%	1,046	12%	2,236	15%
			do	124	23%	1,202	19%	1,449	20%	2,884	22%	276	41%	4,062	49%	4,596	50%	7,777	49%
			Plan to do	214	39%	2,555	40%	3,087	38%	4,782	36%	110	16%	967	12%	1,018	12%	1,990	14%
			Done	34	6%	352	6%	397	6%	661	5%	184	27%	2,225	27%	2,427	26%	3,531	22%
		Total	555	100%	6,397	100%	7,712	100%	13,221	100%	671	100%	8,227	100%	9,087	100%	15,534	100%	
7e.	Foreign language coursework	FORLNG04 (EEE)	decided	53	10%	878	14%	992	15%	2,226	17%	35	5%	347	4%	366	4%	891	6%
			do	88	16%	1,497	24%	1,640	25%	3,489	27%	158	24%	2,770	32%	2,920	34%	5,856	38%
			Plan to do	151	27%	1,907	29%	2,249	29%	4,156	32%	66	10%	486	6%	512	6%	1,146	8%
			Done	263	47%	2,122	32%	2,840	31%	3,356	24%	414	61%	4,637	57%	5,302	56%	7,657	48%
		Total	555	100%	6,404	100%	7,721	100%	13,227	100%	673	100%	8,240	100%	9,100	100%	15,550	100%	
7f.	Study abroad	STDABR04 (EEE)	decided	146	26%	1,450	24%	1,746	25%	3,575	28%	75	11%	672	9%	732	9%	1,681	11%
			do	125	24%	975	16%	1,085	16%	2,646	21%	414	62%	4,558	57%	5,095	58%	9,488	62%
			Plan to do	251	45%	3,808	58%	4,718	57%	6,700	49%	64	10%	645	8%	711	8%	1,369	9%
			Done	29	5%	159	2%	159	2%	292	2%	119	18%	2,346	26%	2,536	25%	2,967	18%
		Total	551	100%	6,392	100%	7,708	100%	13,213	100%	672	100%	8,221	100%	9,074	100%	15,505	100%	
7g.	Independent study or self-designed major	INDSTD04 (EEE)	decided	163	29%	1,992	31%	2,424	31%	4,195	32%	69	10%	656	8%	714	9%	1,615	11%
			do	267	48%	3,405	54%	4,153	54%	6,917	51%	391	59%	5,639	69%	6,399	70%	10,495	67%
			Plan to do	98	18%	830	13%	961	12%	1,750	14%	55	8%	488	6%	513	6%	1,116	8%
			Done	25	5%	145	2%	151	2%	327	3%	152	22%	1,422	16%	1,432	15%	2,264	14%
		Total	553	100%	6,372	100%	7,689	100%	13,189	100%	667	100%	8,205	100%	9,058	100%	15,490	100%	

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**National Survey  
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The University of Arizona**

Item	Variable	Response Options	First-Year Students								Seniors							
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
7h. Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)	SNRX04	Have not decided	177	32%	2,579	41%	3,306	43%	5,459	41%	75	11%	635	8%	709	8%	1,468	10%
		(EEE) do	64	12%	675	11%	837	12%	1,620	13%	196	29%	2,758	34%	3,455	36%	4,653	30%
		Plan to do	306	55%	3,042	47%	3,460	44%	5,943	44%	175	26%	1,921	24%	1,919	23%	4,350	30%
		Done	8	1%	109	2%	115	2%	215	2%	227	34%	2,932	34%	3,021	32%	5,089	30%
		Total	555	100%	6,405	100%	7,718	100%	13,237	100%	673	100%	8,246	100%	9,104	100%	15,560	100%
8a. Quality of relationships with other students	ENVSTU (SCE)	1 Unfriendly, Unsupportive,	9	2%	66	1%	66	1%	142	1%	6	1%	76	1%	80	1%	143	1%
		2	21	4%	146	2%	157	2%	312	2%	10	1%	199	2%	210	2%	373	2%
		3	36	7%	321	5%	355	5%	684	5%	29	4%	398	5%	420	5%	741	5%
		4	55	10%	744	12%	826	11%	1,601	12%	84	13%	914	11%	915	11%	1,744	12%
		5	141	25%	1,450	23%	1,748	22%	2,975	22%	146	22%	1,776	21%	1,880	21%	3,317	21%
		6	180	33%	2,139	34%	2,647	34%	4,333	32%	215	32%	2,830	35%	3,160	34%	5,116	33%
		7 Friendly, Supportive,	115	20%	1,536	24%	1,916	25%	3,170	25%	184	27%	2,049	24%	2,436	26%	4,090	26%
		Total	557	100%	6,402	100%	7,715	100%	13,217	100%	674	100%	8,242	100%	9,101	100%	15,524	100%
8b. Quality of relationships with faculty members	ENVFAC (SCE)	Unhelpful,	9	2%	35	1%	39	1%	102	1%	10	2%	77	1%	82	1%	186	1%
		2	22	4%	165	3%	201	3%	386	3%	24	4%	223	3%	262	3%	512	3%
		3	34	6%	452	7%	534	7%	1,011	8%	37	6%	476	6%	545	6%	983	6%
		4	94	17%	1,274	20%	1,558	20%	2,726	21%	102	15%	1,278	16%	1,410	16%	2,456	16%
		5	177	31%	2,043	31%	2,488	32%	4,040	30%	193	29%	2,455	30%	2,728	30%	4,373	28%
		6	147	27%	1,744	27%	2,110	27%	3,453	26%	168	25%	2,472	30%	2,747	30%	4,567	29%
		7 Somewhat Helpful,	74	14%	685	11%	787	11%	1,497	12%	138	21%	1,259	15%	1,327	15%	2,449	16%
		Total	557	100%	6,398	100%	7,717	100%	13,215	100%	672	100%	8,240	100%	9,101	100%	15,526	100%
8c. Quality of relationships with administrative personnel and offices	ENVADM (SCE)	Inconsiderate,	20	4%	158	3%	175	3%	393	3%	23	4%	350	4%	369	4%	801	5%
		2	28	5%	353	6%	424	6%	814	6%	43	6%	698	8%	762	8%	1,410	9%
		3	57	10%	689	11%	839	11%	1,455	11%	63	9%	1,031	12%	1,104	11%	1,889	12%
		4	145	26%	1,704	27%	2,054	27%	3,452	26%	164	24%	1,884	23%	2,075	22%	3,409	22%
		5	136	24%	1,586	24%	1,954	25%	3,239	24%	134	20%	1,907	23%	2,166	23%	3,499	22%
		6	98	18%	1,290	20%	1,547	20%	2,551	19%	150	23%	1,527	20%	1,725	20%	2,872	18%
		7 Considerate,	73	13%	609	10%	713	10%	1,306	10%	95	14%	841	11%	897	11%	1,639	11%
		Total	557	100%	6,389	100%	7,706	100%	13,210	100%	672	100%	8,238	100%	9,098	100%	15,519	100%

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			First-Year Students								Seniors							
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research	
Variable	Response Options		Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
9a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	ACADPR01 (LAC)	0 hrs/wk	3	1%	17	0%	20	0%	48	0%	3	0%	22	0%	26	0%	58	0%
		1-5 hrs/wk	56	10%	466	8%	498	7%	1,376	11%	90	13%	990	12%	1,021	12%	2,277	15%
		6-10 hrs/wk	116	21%	1,221	19%	1,356	19%	2,891	22%	148	22%	1,783	22%	1,959	22%	3,594	23%
		11-15 hrs/wk	117	21%	1,484	24%	1,745	23%	3,037	23%	144	22%	1,728	21%	1,888	20%	3,075	20%
		16-20 hrs/wk	104	20%	1,386	21%	1,682	21%	2,617	19%	99	15%	1,445	18%	1,677	18%	2,636	17%
		21-25 hrs/wk	72	13%	866	13%	1,142	14%	1,574	12%	76	11%	933	12%	1,045	11%	1,584	10%
		26-30 hrs/wk	38	7%	491	8%	656	8%	823	6%	39	6%	544	7%	614	7%	925	6%
		30+ hrs/wk	48	9%	420	7%	566	8%	750	6%	70	11%	728	9%	805	9%	1,275	8%
Total		554	100%	6,351	100%	7,665	100%	13,116	100%	669	100%	8,173	100%	9,035	100%	15,424	100%	
9b. Working for pay on campus	WORKON01	0 hrs/wk	473	86%	5,054	80%	6,272	82%	11,004	84%	476	71%	5,109	64%	5,819	65%	10,962	72%
		1-5 hrs/wk	6	1%	216	3%	243	3%	310	3%	22	3%	427	5%	418	4%	566	3%
		6-10 hrs/wk	22	4%	491	7%	516	6%	678	5%	33	5%	898	10%	898	9%	1,150	7%
		11-15 hrs/wk	23	4%	353	5%	388	5%	598	5%	54	8%	804	9%	849	9%	1,079	7%
		16-20 hrs/wk	14	2%	166	3%	179	2%	349	3%	43	6%	570	7%	639	7%	973	6%
		21-25 hrs/wk	7	1%	35	0%	42	1%	102	1%	16	2%	173	2%	201	2%	297	2%
		26-30 hrs/wk	2	0%	12	0%	13	0%	21	0%	10	1%	74	1%	83	1%	135	1%
		30+ hrs/wk	6	1%	24	0%	14	0%	51	1%	14	2%	121	2%	125	2%	260	2%
Total		553	100%	6,351	100%	7,667	100%	13,113	100%	668	100%	8,176	100%	9,032	100%	15,422	100%	
9c. Working for pay off campus	WORKOF01	0 hrs/wk	395	71%	5,208	83%	6,387	84%	9,664	73%	338	50%	4,761	58%	5,156	59%	7,374	47%
		1-5 hrs/wk	19	3%	288	4%	346	4%	631	5%	44	7%	530	7%	591	6%	845	5%
		6-10 hrs/wk	20	3%	273	4%	309	4%	663	5%	41	6%	599	7%	696	7%	1,095	7%
		11-15 hrs/wk	21	4%	225	3%	248	3%	634	5%	62	9%	651	8%	769	8%	1,234	8%
		16-20 hrs/wk	38	7%	186	3%	205	3%	661	5%	53	8%	670	8%	773	8%	1,513	10%
		21-25 hrs/wk	21	4%	70	1%	80	1%	366	3%	49	7%	423	5%	465	5%	1,138	7%
		26-30 hrs/wk	12	2%	27	0%	29	0%	183	2%	26	4%	181	2%	206	2%	643	5%
		30+ hrs/wk	27	6%	58	1%	37	0%	303	3%	56	9%	350	5%	370	5%	1,579	12%
Total		553	100%	6,335	100%	7,641	100%	13,105	100%	669	100%	8,165	100%	9,026	100%	15,421	100%	
9d. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01 (EEE)	0 hrs/wk	220	40%	1,775	27%	1,889	25%	4,516	34%	316	48%	2,698	34%	2,863	33%	6,313	42%
		1-5 hrs/wk	160	28%	2,312	36%	2,855	36%	4,364	32%	174	26%	2,529	30%	2,821	31%	4,588	29%
		6-10 hrs/wk	81	15%	1,075	17%	1,379	18%	1,990	15%	85	13%	1,285	16%	1,466	16%	2,062	13%
		11-15 hrs/wk	35	6%	535	9%	730	10%	1,049	9%	44	7%	720	9%	832	9%	1,077	7%
		16-20 hrs/wk	20	3%	325	5%	398	6%	602	5%	22	3%	419	5%	448	5%	630	4%
		21-25 hrs/wk	13	2%	149	3%	186	3%	279	2%	16	2%	239	3%	257	3%	331	2%
		26-30 hrs/wk	6	1%	80	1%	85	1%	119	1%	4	1%	109	1%	136	1%	146	1%
		30+ hrs/wk	18	3%	98	2%	143	2%	204	2%	8	1%	180	2%	214	2%	283	2%
Total		553	100%	6,349	100%	7,665	100%	13,123	100%	669	100%	8,179	100%	9,037	100%	15,430	100%	

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			First-Year Students								Seniors							
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research	
Item	Variable	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
9e. Relaxing and socializing (watching TV, partying, etc.)	SOCIAL05	0 hrs/wk	8	1%	39	1%	45	1%	91	1%	10	1%	74	1%	82	1%	162	1%
		1-5 hrs/wk	116	21%	1,094	17%	1,345	17%	2,481	19%	163	24%	1,511	18%	1,704	19%	3,485	23%
		6-10 hrs/wk	156	28%	1,864	29%	2,309	30%	3,832	29%	215	32%	2,384	29%	2,688	30%	4,687	30%
		11-15 hrs/wk	123	22%	1,455	23%	1,763	23%	2,965	22%	140	21%	1,885	23%	2,094	23%	3,308	21%
		16-20 hrs/wk	76	14%	959	15%	1,116	15%	1,859	14%	77	12%	1,142	14%	1,235	14%	1,892	12%
		21-25 hrs/wk	32	6%	396	7%	496	7%	825	7%	28	4%	521	7%	580	7%	836	5%
		26-30 hrs/wk	13	2%	194	3%	214	3%	350	3%	13	2%	250	3%	241	3%	371	2%
		30+ hrs/wk	28	5%	318	6%	345	5%	650	5%	19	3%	373	5%	376	4%	630	4%
	Total		552	100%	6,319	100%	7,633	100%	13,053	100%	665	100%	8,140	100%	9,000	100%	15,371	100%
9f. Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01	0 hrs/wk	399	72%	5,440	87%	6,717	88%	10,403	79%	442	67%	6,555	81%	7,296	81%	10,818	68%
		1-5 hrs/wk	69	13%	444	7%	487	6%	1,360	11%	95	14%	719	9%	784	8%	1,748	12%
		6-10 hrs/wk	32	6%	156	2%	159	2%	508	4%	38	6%	312	4%	333	4%	857	6%
		11-15 hrs/wk	22	4%	126	2%	123	2%	310	3%	21	3%	140	2%	152	2%	450	3%
		16-20 hrs/wk	4	1%	58	1%	64	1%	157	1%	16	2%	108	1%	111	1%	341	3%
		21-25 hrs/wk	1	0%	29	0%	24	0%	80	1%	8	1%	50	1%	51	1%	165	1%
		26-30 hrs/wk	3	1%	11	0%	9	0%	39	0%	3	0%	30	0%	34	0%	114	1%
		30+ hrs/wk	21	4%	45	1%	36	0%	173	2%	41	6%	218	3%	231	3%	855	6%
	Total		551	100%	6,309	100%	7,619	100%	13,030	100%	664	100%	8,132	100%	8,992	100%	15,348	100%
9g. Commuting to class (driving, walking, etc.)	COMMUTE	0 hrs/wk	27	5%	465	7%	486	6%	921	7%	11	2%	438	5%	382	4%	650	4%
		1-5 hrs/wk	357	65%	4,408	70%	5,436	70%	8,705	65%	417	62%	5,611	69%	6,291	70%	10,183	65%
		6-10 hrs/wk	100	18%	997	16%	1,216	17%	2,330	18%	165	25%	1,532	19%	1,723	19%	3,198	22%
		11-15 hrs/wk	38	7%	270	4%	293	4%	646	5%	46	7%	379	5%	405	5%	851	6%
		16-20 hrs/wk	17	3%	108	2%	128	2%	257	2%	17	3%	103	1%	113	1%	257	2%
		21-25 hrs/wk	3	0%	36	1%	39	1%	93	1%	3	0%	34	0%	40	0%	95	1%
		26-30 hrs/wk	1	0%	12	0%	12	0%	30	0%	2	0%	9	0%	12	0%	40	0%
		30+ hrs/wk	8	1%	36	1%	38	1%	91	1%	7	1%	52	1%	49	0%	121	1%
	Total		551	100%	6,332	100%	7,648	100%	13,073	100%	668	100%	8,158	100%	9,015	100%	15,395	100%
10a. Spending significant amounts of time studying and on academic work	ENVSCHOL (LAC)	Very little	12	2%	90	1%	92	1%	199	2%	19	3%	176	2%	162	2%	335	2%
		Some	71	13%	888	14%	960	14%	1,951	16%	116	17%	1,509	18%	1,524	17%	2,680	18%
		Quite a bit	249	46%	2,934	47%	3,448	46%	5,873	45%	289	44%	3,741	46%	4,088	45%	6,975	45%
		Very much	218	39%	2,370	37%	3,088	39%	4,917	37%	242	36%	2,667	34%	3,179	36%	5,273	35%
		Total		550	100%	6,282	100%	7,588	100%	12,940	100%	666	100%	8,093	100%	8,953	100%	15,263
10b. Providing the support you need to help you succeed academically	ENVSUPRT (SCE)	Very little	19	3%	155	3%	179	3%	340	3%	52	8%	419	5%	452	5%	853	6%
		Some	114	21%	1,149	18%	1,357	18%	2,485	20%	176	26%	2,167	26%	2,313	25%	4,064	26%
		Quite a bit	272	49%	2,876	46%	3,497	46%	5,836	45%	269	41%	3,661	45%	4,001	45%	6,719	44%
		Very much	144	26%	2,085	33%	2,537	33%	4,231	32%	167	25%	1,827	23%	2,162	25%	3,580	24%
		Total		549	100%	6,265	100%	7,570	100%	12,892	100%	664	100%	8,074	100%	8,928	100%	15,216

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			First-Year Students								Seniors							
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research	
Item	Variable	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
10c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS (EEE)	Very little	82	15%	622	10%	688	10%	1,301	11%	137	21%	1,494	18%	1,488	17%	2,739	18%
		Some	192	35%	1,820	29%	2,157	29%	3,811	30%	233	35%	2,693	33%	2,904	33%	5,152	33%
		Quite a bit	167	30%	2,151	34%	2,601	34%	4,356	33%	171	26%	2,351	29%	2,665	30%	4,410	29%
		Very much	106	20%	1,659	27%	2,106	28%	3,409	27%	123	18%	1,533	19%	1,872	20%	2,908	20%
		Total	547	100%	6,252	100%	7,552	100%	12,877	100%	664	100%	8,071	100%	8,929	100%	15,209	100%
10d. Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD (SCE)	Very little	207	37%	1,460	23%	1,746	23%	3,196	25%	293	44%	3,068	38%	3,245	36%	6,082	40%
		Some	197	36%	2,516	40%	3,139	40%	5,048	38%	232	35%	3,223	40%	3,646	41%	5,796	38%
		Quite a bit	104	18%	1,621	26%	1,888	26%	3,230	25%	88	13%	1,339	17%	1,493	17%	2,370	16%
		Very much	42	8%	665	11%	790	11%	1,433	11%	49	7%	435	5%	538	6%	973	7%
		Total	550	100%	6,262	100%	7,563	100%	12,907	100%	662	100%	8,065	100%	8,922	100%	15,221	100%
10e. Providing the support you need to thrive socially	ENVSOCAL (SCE)	Very little	130	24%	860	14%	998	13%	1,948	15%	192	29%	1,859	23%	1,927	22%	3,800	25%
		Some	200	37%	2,181	35%	2,675	35%	4,539	35%	263	40%	3,292	41%	3,551	40%	6,130	40%
		Quite a bit	168	30%	2,257	36%	2,699	36%	4,390	34%	142	22%	2,196	27%	2,525	28%	3,844	25%
		Very much	48	9%	950	15%	1,171	16%	1,994	16%	64	10%	702	9%	905	10%	1,388	10%
		Total	546	100%	6,248	100%	7,543	100%	12,871	100%	661	100%	8,049	100%	8,908	100%	15,162	100%
10f. Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	ENVEVENT	Very little	44	8%	311	5%	321	4%	780	7%	90	14%	553	7%	588	7%	1,591	11%
		Some	163	30%	1,462	23%	1,696	23%	3,134	24%	198	30%	2,346	30%	2,402	28%	4,502	30%
		Quite a bit	232	42%	2,617	42%	3,198	41%	5,158	40%	236	36%	3,288	40%	3,624	40%	5,788	37%
		Very much	112	20%	1,878	30%	2,351	32%	3,831	30%	138	21%	1,879	23%	2,304	25%	3,314	22%
		Total	551	100%	6,268	100%	7,566	100%	12,903	100%	662	100%	8,066	100%	8,918	100%	15,195	100%
10g. Using computers in academic work	ENVCOMPT	Very little	5	1%	111	2%	105	1%	218	2%	12	2%	122	1%	114	1%	243	2%
		Some	48	9%	714	11%	779	10%	1,476	11%	46	7%	687	8%	696	8%	1,245	8%
		Quite a bit	156	28%	2,185	35%	2,510	34%	4,279	33%	180	27%	2,222	27%	2,410	27%	4,230	28%
		Very much	343	62%	3,261	53%	4,180	54%	6,946	54%	428	64%	5,047	64%	5,722	64%	9,521	62%
		Total	552	100%	6,271	100%	7,574	100%	12,919	100%	666	100%	8,078	100%	8,942	100%	15,239	100%
11a. Acquiring a broad general education	GNGENLED	Very little	13	2%	126	2%	133	2%	277	2%	26	4%	186	2%	194	2%	413	3%
		Some	93	18%	913	15%	987	14%	1,967	16%	111	17%	1,259	16%	1,264	15%	2,415	16%
		Quite a bit	246	45%	2,761	45%	3,247	44%	5,681	44%	236	36%	3,160	39%	3,333	38%	5,917	39%
		Very much	188	34%	2,392	38%	3,112	40%	4,794	37%	287	44%	3,392	43%	4,056	45%	6,300	42%
		Total	540	100%	6,192	100%	7,479	100%	12,719	100%	660	100%	7,997	100%	8,847	100%	15,045	100%
11b. Acquiring job or work-related knowledge and skills	GNWORK	Very little	56	10%	490	8%	601	8%	1,096	9%	65	10%	620	8%	695	8%	1,082	7%
		Some	158	30%	1,788	28%	2,207	28%	3,654	28%	122	19%	1,955	24%	2,245	24%	3,401	23%
		Quite a bit	202	37%	2,288	37%	2,736	37%	4,679	36%	236	36%	2,631	32%	2,879	32%	5,099	34%
		Very much	124	23%	1,624	27%	1,927	28%	3,282	27%	239	36%	2,774	36%	3,011	36%	5,451	36%
		Total	540	100%	6,190	100%	7,471	100%	12,711	100%	662	100%	7,980	100%	8,830	100%	15,033	100%

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The University of Arizona**

			First-Year Students								Seniors							
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research	
Item	Variable	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
11c. Writing clearly and effectively	GNWRITE	Very little	25	5%	339	5%	405	6%	721	6%	36	5%	320	4%	330	4%	669	5%
		Some	127	24%	1,576	25%	1,862	26%	3,117	26%	127	19%	1,717	21%	1,836	21%	3,323	22%
		Quite a bit	229	42%	2,515	40%	3,014	40%	5,189	39%	249	38%	3,154	40%	3,491	39%	6,025	39%
		Very much	162	29%	1,762	29%	2,196	28%	3,696	29%	249	38%	2,800	35%	3,183	35%	5,033	34%
		Total	543	100%	6,192	100%	7,477	100%	12,723	100%	661	100%	7,991	100%	8,840	100%	15,050	100%
11d. Speaking clearly and effectively	GNSPEAK	Very little	65	12%	742	12%	846	12%	1,351	11%	63	10%	628	8%	691	8%	1,109	8%
		Some	169	31%	1,995	31%	2,373	32%	3,850	30%	153	23%	2,161	27%	2,363	26%	3,925	26%
		Quite a bit	179	33%	2,097	34%	2,597	35%	4,549	35%	223	34%	2,853	36%	3,188	36%	5,593	37%
		Very much	129	24%	1,342	22%	1,638	22%	2,926	23%	220	33%	2,330	29%	2,578	30%	4,377	30%
		Total	542	100%	6,176	100%	7,454	100%	12,676	100%	659	100%	7,972	100%	8,820	100%	15,004	100%
11e. Thinking critically and analytically	GNANALY	Very little	8	1%	111	2%	125	2%	251	2%	20	3%	120	2%	130	2%	292	2%
		Some	78	14%	813	13%	943	13%	1,799	15%	75	12%	865	11%	894	10%	1,706	12%
		Quite a bit	232	43%	2,568	41%	3,061	41%	5,336	41%	208	31%	2,840	35%	3,087	34%	5,507	36%
		Very much	225	41%	2,689	44%	3,342	44%	5,320	42%	351	54%	4,149	53%	4,713	54%	7,511	50%
		Total	543	100%	6,181	100%	7,471	100%	12,706	100%	654	100%	7,974	100%	8,824	100%	15,016	100%
11f. Analyzing quantitative problems	GNQUANT	Very little	26	5%	286	4%	301	4%	561	5%	35	5%	446	5%	454	5%	726	5%
		Some	109	20%	1,339	21%	1,591	21%	2,733	22%	130	20%	1,770	21%	1,938	21%	3,153	20%
		Quite a bit	242	45%	2,461	40%	2,952	40%	5,145	40%	213	32%	2,746	34%	3,028	34%	5,403	36%
		Very much	166	30%	2,072	34%	2,597	36%	4,217	34%	281	43%	2,995	39%	3,388	41%	5,708	39%
		Total	543	100%	6,158	100%	7,441	100%	12,656	100%	659	100%	7,957	100%	8,808	100%	14,990	100%
11g. Using computing and information technology	GNCMPTS	Very little	26	5%	362	6%	387	5%	611	5%	28	4%	348	4%	354	4%	577	4%
		Some	103	19%	1,345	21%	1,554	20%	2,573	20%	112	17%	1,485	17%	1,587	17%	2,524	17%
		Quite a bit	202	38%	2,332	38%	2,840	38%	4,817	37%	202	31%	2,739	34%	3,065	34%	5,141	34%
		Very much	211	39%	2,148	36%	2,690	37%	4,712	38%	318	48%	3,420	45%	3,839	45%	6,805	46%
		Total	542	100%	6,187	100%	7,471	100%	12,713	100%	660	100%	7,992	100%	8,845	100%	15,047	100%
11h. Working effectively with others	GNOTHERS	Very little	29	6%	294	5%	337	5%	626	5%	28	4%	300	4%	325	4%	599	4%
		Some	129	24%	1,563	25%	1,841	25%	3,113	25%	136	21%	1,599	20%	1,709	19%	2,856	20%
		Quite a bit	200	37%	2,406	39%	2,905	38%	4,963	38%	223	34%	2,954	36%	3,223	36%	5,530	36%
		Very much	180	33%	1,935	31%	2,402	33%	4,031	32%	273	41%	3,138	40%	3,582	41%	6,074	40%
		Total	538	100%	6,198	100%	7,485	100%	12,733	100%	660	100%	7,991	100%	8,839	100%	15,059	100%
11i. Voting in local, state, or national elections	GNCITIZN	Very little	115	22%	940	15%	1,039	15%	2,007	17%	171	26%	1,878	24%	1,865	23%	3,945	27%
		Some	152	28%	1,495	25%	1,714	25%	3,185	25%	187	29%	2,351	30%	2,514	29%	4,407	29%
		Quite a bit	129	24%	1,798	30%	2,176	30%	3,606	29%	165	25%	2,039	26%	2,381	26%	3,636	24%
		Very much	144	26%	1,862	30%	2,432	30%	3,716	29%	130	20%	1,649	21%	2,004	21%	2,908	20%
		Total	540	100%	6,095	100%	7,361	100%	12,514	100%	653	100%	7,917	100%	8,764	100%	14,896	100%

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			First-Year Students								Seniors							
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research	
Item	Variable	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
11j. Learning effectively on your own	GNINQ	Very little	26	5%	221	4%	260	4%	526	5%	47	7%	398	5%	411	5%	840	6%
		Some	125	23%	1,242	20%	1,452	20%	2,613	21%	127	20%	1,523	19%	1,582	18%	2,963	20%
		Quite a bit	233	43%	2,643	43%	3,130	42%	5,362	42%	244	37%	3,249	41%	3,553	40%	5,955	39%
		Very much	158	29%	1,977	32%	2,503	34%	3,980	32%	237	36%	2,727	35%	3,201	37%	5,115	35%
		Total	542	100%	6,083	100%	7,345	100%	12,481	100%	655	100%	7,897	100%	8,747	100%	14,873	100%
11k. Understanding yourself	GNSELF	Very little	80	15%	580	10%	692	10%	1,293	11%	98	15%	832	11%	878	10%	1,847	13%
		Some	134	25%	1,600	26%	1,940	26%	3,402	28%	160	25%	2,028	25%	2,147	25%	3,880	26%
		Quite a bit	195	37%	2,250	37%	2,704	37%	4,451	35%	221	34%	2,740	35%	3,032	35%	4,980	33%
		Very much	130	24%	1,639	27%	1,997	27%	3,312	27%	172	26%	2,282	29%	2,676	30%	4,143	28%
		Total	539	100%	6,069	100%	7,333	100%	12,458	100%	651	100%	7,882	100%	8,733	100%	14,850	100%
11l. Understanding people of other racial and ethnic backgrounds	GNDIVERS	Very little	68	13%	624	11%	686	10%	1,346	11%	99	15%	1,003	12%	999	12%	2,027	13%
		Some	183	34%	1,862	30%	2,270	31%	3,881	31%	203	31%	2,611	33%	2,804	33%	4,838	32%
		Quite a bit	166	30%	2,196	36%	2,656	36%	4,369	34%	198	30%	2,589	33%	2,898	33%	4,825	32%
		Very much	124	23%	1,396	23%	1,728	23%	2,893	24%	153	23%	1,687	22%	2,038	22%	3,188	23%
		Total	541	100%	6,078	100%	7,340	100%	12,489	100%	653	100%	7,890	100%	8,739	100%	14,878	100%
11m. Solving complex real-world problems	GNPROBSV	Very little	55	10%	510	9%	602	8%	1,148	10%	90	14%	679	8%	719	8%	1,415	10%
		Some	162	31%	1,961	32%	2,349	31%	3,967	31%	163	25%	2,253	28%	2,407	27%	4,114	27%
		Quite a bit	214	39%	2,233	36%	2,734	37%	4,552	36%	219	34%	2,862	36%	3,213	36%	5,420	36%
		Very much	111	20%	1,371	23%	1,662	24%	2,827	24%	183	28%	2,107	28%	2,409	29%	3,939	27%
		Total	542	100%	6,075	100%	7,347	100%	12,494	100%	655	100%	7,901	100%	8,748	100%	14,888	100%
11n. Developing a personal code of values and ethics	GNETHICS	Very little	103	19%	817	14%	941	13%	1,720	14%	137	21%	1,261	16%	1,303	15%	2,519	17%
		Some	153	28%	1,771	28%	2,094	27%	3,683	29%	174	27%	2,415	31%	2,554	29%	4,361	29%
		Quite a bit	170	31%	2,161	35%	2,604	35%	4,248	33%	177	27%	2,456	31%	2,730	31%	4,585	30%
		Very much	114	21%	1,340	22%	1,715	24%	2,851	24%	167	25%	1,761	23%	2,160	25%	3,416	24%
		Total	540	100%	6,089	100%	7,354	100%	12,502	100%	655	100%	7,893	100%	8,747	100%	14,881	100%
11o. Contributing to the welfare of your community	GNCOMMUN	Very little	115	22%	871	15%	963	14%	1,969	16%	156	24%	1,490	19%	1,505	18%	2,956	20%
		Some	200	37%	2,138	35%	2,564	35%	4,465	35%	218	33%	2,790	36%	2,958	34%	5,205	34%
		Quite a bit	147	26%	1,969	32%	2,381	32%	3,869	30%	160	24%	2,260	28%	2,565	29%	4,169	28%
		Very much	79	15%	1,101	18%	1,431	19%	2,192	18%	119	18%	1,355	17%	1,713	19%	2,555	18%
		Total	541	100%	6,079	100%	7,339	100%	12,495	100%	653	100%	7,895	100%	8,741	100%	14,885	100%
11p. Developing a deepened sense of spirituality	GNSPIRIT	Very little	274	51%	2,799	46%	3,240	43%	5,261	41%	395	61%	4,693	59%	4,917	56%	8,350	55%
		Some	130	25%	1,565	25%	1,917	26%	3,348	27%	134	20%	1,667	21%	1,942	21%	3,291	22%
		Quite a bit	75	13%	1,040	18%	1,286	19%	2,308	19%	59	9%	890	12%	1,068	13%	1,851	13%
		Very much	61	11%	678	11%	906	13%	1,581	13%	66	10%	645	8%	819	10%	1,388	10%
		Total	540	100%	6,082	100%	7,349	100%	12,498	100%	654	100%	7,895	100%	8,746	100%	14,880	100%

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	Variable	Response Options	First-Year Students								Seniors								
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
12.	Overall, how would you evaluate the quality of academic advising you have received at your institution?	ADVISE	Poor	34	6%	271	5%	359	5%	607	5%	53	8%	838	10%	1,018	10%	1,735	11%
			Fair	71	13%	1,078	18%	1,363	18%	2,226	18%	134	20%	1,859	22%	2,106	22%	3,454	23%
			Good	264	49%	2,926	47%	3,446	46%	5,894	46%	256	39%	3,303	41%	3,540	41%	5,996	40%
			Excellent	172	32%	1,893	31%	2,283	32%	3,942	31%	218	33%	1,996	27%	2,184	28%	3,867	26%
			Total	541	100%	6,168	100%	7,451	100%	12,669	100%	661	100%	7,996	100%	8,848	100%	15,052	100%
13.	How would you evaluate your entire educational experience at this institution?	ENTIREXP	Poor	8	1%	74	1%	79	1%	177	2%	25	4%	141	2%	146	2%	345	2%
			Fair	77	15%	553	9%	634	9%	1,264	11%	103	15%	802	10%	833	10%	1,699	12%
			Good	299	54%	3,030	49%	3,488	47%	6,418	49%	307	46%	3,803	46%	3,971	44%	7,400	48%
			Excellent	157	30%	2,511	41%	3,250	43%	4,803	38%	226	34%	3,251	42%	3,899	45%	5,610	38%
			Total	541	100%	6,168	100%	7,451	100%	12,662	100%	661	100%	7,997	100%	8,849	100%	15,054	100%
14.	If you could start over again, would you go to the same institution you are now attending?	SAMECOLL	Definitely no	30	5%	154	3%	158	2%	366	3%	34	5%	308	4%	307	4%	671	5%
			Probably no	49	9%	576	10%	655	9%	1,229	10%	86	13%	863	10%	859	9%	1,764	12%
			Probably yes	253	46%	2,300	37%	2,639	35%	4,830	38%	235	35%	3,021	36%	3,090	34%	5,662	38%
			Definitely yes	210	40%	3,140	51%	4,002	53%	6,246	49%	306	46%	3,804	50%	4,596	53%	6,961	46%
			Total	542	100%	6,170	100%	7,454	100%	12,671	100%	661	100%	7,996	100%	8,852	100%	15,058	100%

IPEDS: 104179

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The University of Arizona**

			First-Year Students								Seniors								
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research		
Variable	Response Options		Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
15.	Age	AGE	19 or younger	395	71%	5,898	95%	7,196	95%	11,867	92%	7	1%	73	1%	78	1%	110	1%
			20-23	86	16%	218	4%	250	4%	614	6%	456	69%	6,780	83%	7,540	84%	11,133	70%
			24-29	31	6%	15	0%	17	0%	107	1%	101	16%	753	10%	820	10%	2,312	18%
			30-39	20	4%	28	0%	8	0%	61	1%	58	9%	262	4%	277	3%	924	7%
			40-55	9	2%	29	0%	11	0%	61	1%	34	5%	128	2%	135	2%	543	4%
			Over 55	2	1%	5	0%	2	0%	8	0%	3	0%	17	0%	17	0%	50	0%
			Total	543	100%	6,193	100%	7,484	100%	12,718	100%	659	100%	8,013	100%	8,867	100%	15,072	100%
16.	Your sex:	SEX	Male	212	47%	2,377	48%	2,870	48%	4,828	48%	292	47%	3,352	50%	3,669	50%	6,325	49%
			Female	332	53%	3,813	52%	4,609	52%	7,886	52%	369	53%	4,659	50%	5,194	50%	8,759	51%
			Total	544	100%	6,190	100%	7,479	100%	12,714	100%	661	100%	8,011	100%	8,863	100%	15,084	100%
17.	Are you an international student or foreign national?	INTERNAT	No	503	92%	5,775	93%	7,035	94%	11,999	94%	627	95%	7,579	94%	8,407	94%	14,326	95%
			Yes	40	8%	408	7%	438	6%	684	6%	32	5%	414	6%	440	6%	721	5%
			Total	543	100%	6,183	100%	7,473	100%	12,683	100%	659	100%	7,993	100%	8,847	100%	15,047	100%
18.	What is your racial or ethnic identification? (Select only one.)	RACE05	other Native American	13	2%	38	1%	44	1%	65	0%	10	2%	42	1%	43	1%	67	0%
			American, or Pacific Islander	48	9%	840	13%	923	12%	1,304	11%	52	8%	865	12%	902	11%	1,242	9%
			Black or African American	9	2%	214	4%	319	3%	728	6%	16	2%	253	3%	342	3%	779	5%
			Hispanic)	331	61%	4,155	68%	5,062	68%	8,595	66%	386	59%	5,642	70%	6,270	70%	10,713	69%
			Mexican or Mexican American	59	11%	189	3%	232	4%	377	4%	73	11%	117	2%	165	3%	283	3%
			Puerto Rican	2	0%	19	0%	23	0%	58	0%	4	1%	28	0%	23	0%	75	1%
			Latino	23	4%	133	2%	179	2%	343	3%	36	5%	136	2%	160	2%	323	2%
			Multiracial	21	4%	200	3%	239	3%	415	3%	30	4%	249	3%	267	3%	409	3%
			Other	15	3%	83	1%	81	1%	167	1%	8	1%	127	2%	134	2%	200	1%
			respond	22	4%	317	5%	371	5%	642	5%	45	7%	540	7%	546	6%	966	7%
			Total	543	100%	6,188	100%	7,473	100%	12,694	100%	660	100%	7,999	100%	8,852	100%	15,057	100%
19.	What is your current classification in college?	CLASS	Freshman/first year	363	65%	5,346	86%	6,564	86%	11,002	84%	0	0%	6	0%	8	0%	15	0%
			Sophomore	65	12%	730	12%	811	13%	1,521	14%	2	0%	33	0%	32	0%	72	1%
			Junior	84	16%	85	1%	92	1%	125	1%	29	4%	484	6%	464	6%	904	7%
			Senior	29	6%	6	0%	4	0%	16	0%	625	95%	7,374	92%	8,254	92%	13,881	91%
			Unclassified	4	1%	24	0%	8	0%	38	0%	5	1%	113	2%	103	1%	200	2%
			Total	545	100%	6,191	100%	7,479	100%	12,702	100%	661	100%	8,010	100%	8,861	100%	15,072	100%
20.	Did you begin college at your current institution or	ENTER	Started here	376	68%	5,916	96%	7,172	96%	11,961	93%	424	64%	5,748	71%	6,378	71%	9,503	60%
			Started elsewhere	168	32%	268	4%	299	4%	733	7%	237	36%	2,265	29%	2,488	29%	5,578	40%
			Total	544	100%	6,184	100%	7,471	100%	12,694	100%	661	100%	8,013	100%	8,866	100%	15,081	100%

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**National Survey  
of Student Engagement**

**NSSE 2009 Background Item Frequency Distributions <sup>a</sup>  
The University of Arizona**

			First-Year Students							Seniors								
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research	
Variable	Response Options		Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21. Since graduating from high school, which of the following types of schools have you attended other than the one you are attending now? (Select all that apply.)	VOTECH05	Vocational or technical school	16	3%	52	1%	40	1%	160	1%	38	6%	187	3%	200	2%	600	4%
	COMCOL05	Community or junior college	166	31%	364	6%	501	9%	963	10%	355	55%	1,958	27%	2,282	31%	5,030	39%
	FOURYR05	4-year college other than this one	77	15%	311	5%	343	5%	710	6%	98	15%	1,699	21%	1,843	21%	3,646	25%
	NONE05	None	320	59%	5,363	88%	6,471	86%	10,757	84%	242	37%	4,602	56%	5,022	54%	7,292	45%
	OCOL1_05	Other	18	4%	134	2%	142	2%	242	2%	25	4%	233	3%	264	3%	479	3%
		Total		544	100%	6,186	100%	7,471	100%	12,691	100%	661	100%	8,007	100%	8,861	100%	15,079
22. Thinking about this current academic term...How would you characterize your	ENRLMENT	Less than full-time	19	4%	113	2%	89	1%	318	3%	53	9%	663	10%	773	10%	1,728	14%
		Full-time	525	96%	6,073	98%	7,382	99%	12,373	97%	608	91%	7,344	90%	8,088	90%	13,351	86%
		Total	544	100%	6,186	100%	7,471	100%	12,691	100%	661	100%	8,007	100%	8,861	100%	15,079	100%
- Thinking about this current academic term...Are you taking all courses entirely on-line? (Item appeared only in the online	DISTED	No	543	100%	6,111	99%	7,400	99%	12,495	99%	652	99%	7,932	99%	8,771	99%	14,671	98%
		Yes	2	0%	66	1%	68	1%	151	1%	6	1%	64	1%	77	1%	322	2%
		Total	545	100%	6,177	100%	7,468	100%	12,646	100%	658	100%	7,996	100%	8,848	100%	14,993	100%
- Do you have any disabilities? (Select all that apply.) (Item appeared only in the online instrument and was preceded by the statement "Your institution will not receive your identified response to the following question. Only an overall summary of responses will be provided." Accordingly, this item	DISNONE	No, I do not have any disabilities	482	89%	5,638	91%	6,833	91%	11,402	90%	582	89%	7,128	89%	7,905	89%	13,247	88%
	DISSENSE	Yes, I have a sensory impairment (vision or hearing)	8	1%	114	2%	137	2%	270	2%	9	1%	106	1%	112	1%	239	2%
	DISMOBIL	Yes, I have a mobility impairment	2	0%	19	0%	20	0%	54	0%	5	1%	35	0%	38	0%	93	1%
	DISLEARN	Yes, I have a learning disability	19	3%	146	2%	156	2%	311	3%	18	3%	243	3%	296	3%	526	3%
	DISMENT	Yes, I have a mental health disorder	16	3%	96	1%	109	1%	208	2%	19	3%	207	3%	223	2%	381	3%
	DISOTHER	Yes, I have another disability	7	1%	58	1%	79	1%	164	1%	11	2%	104	1%	114	1%	214	2%
	DISREFUS	I choose not to	17	3%	141	2%	170	3%	337	3%	25	4%	252	3%	257	3%	459	3%
23. Are you member of a social fraternity or sorority?	FRATSORO	No	485	89%	5,306	85%	6,400	85%	11,076	87%	606	92%	6,756	85%	7,532	85%	13,068	87%
		Yes	60	11%	876	15%	1,065	15%	1,604	13%	54	8%	1,244	15%	1,319	15%	1,989	13%
		Total	545	100%	6,182	100%	7,465	100%	12,680	100%	660	100%	8,000	100%	8,851	100%	15,057	100%
24. Are you a student-athlete on a team sponsored by your institution's athletics	ATHLETE	No	533	98%	5,895	96%	7,130	96%	12,166	96%	645	98%	7,754	97%	8,588	98%	14,701	98%
		Yes	12	2%	283	4%	328	4%	507	4%	14	2%	232	3%	248	2%	328	2%
		Total	545	100%	6,178	100%	7,458	100%	12,673	100%	659	100%	7,986	100%	8,836	100%	15,029	100%

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**National Survey  
of Student Engagement**

**NSSE 2009 Background Item Frequency Distributions <sup>a</sup>  
The University of Arizona**

			First-Year Students								Seniors							
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research	
Variable	Response Options		Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
25. What have most of your grades been up to now at this institution?	GRADES04	C- or lower	5	1%	85	1%	97	1%	244	2%	2	0%	15	0%	17	0%	42	0%
		C	21	4%	159	3%	199	3%	376	3%	16	2%	125	2%	154	2%	316	2%
		C+	35	7%	257	4%	312	5%	644	6%	27	4%	233	3%	296	4%	624	4%
		B-	35	6%	411	7%	562	8%	954	8%	48	7%	531	7%	661	8%	1,179	8%
		B	124	23%	1,224	20%	1,555	21%	2,552	20%	119	19%	1,435	18%	1,627	19%	3,107	21%
		B+	110	20%	1,184	19%	1,482	19%	2,499	20%	138	21%	1,664	21%	1,883	21%	3,018	20%
		A-	97	17%	1,464	23%	1,725	22%	2,665	20%	114	17%	2,143	26%	2,265	25%	3,230	21%
		A	118	23%	1,390	22%	1,523	21%	2,723	20%	195	29%	1,847	22%	1,940	22%	3,525	22%
Total		545	100%	6,174	100%	7,455	100%	12,657	100%	659	100%	7,993	100%	8,843	100%	15,041	100%	
26. Which of the following best describes where you are living now while attending college?	LIVENOW	Dormitory or other campus housing	272	49%	4,870	79%	5,958	77%	8,540	65%	19	3%	759	8%	812	8%	942	6%
		Residence, walking distance	71	14%	519	9%	640	10%	1,117	9%	183	28%	4,004	50%	4,081	45%	4,908	32%
		Residence, driving distance	188	35%	566	9%	616	10%	2,608	23%	436	66%	2,793	37%	3,495	42%	8,405	58%
		Fraternity or sorority house	1	0%	130	2%	143	2%	156	1%	4	1%	286	4%	286	3%	303	2%
		None of the above	11	2%	81	1%	83	1%	220	2%	15	2%	139	2%	156	2%	459	3%
		Total		543	100%	6,166	100%	7,440	100%	12,641	100%	657	100%	7,981	100%	8,830	100%	15,017
27a. What is the highest level of education that your father completed?	FATHREDU	Did not finish HS	42	8%	293	5%	315	4%	705	6%	44	7%	334	4%	340	4%	830	6%
		Graduated from HS	74	14%	861	14%	988	13%	2,280	18%	116	17%	1,124	15%	1,189	14%	2,692	19%
		Attended, no degree	80	14%	676	11%	776	11%	1,569	12%	90	14%	857	11%	933	11%	1,983	13%
		Associate's	32	6%	470	7%	549	7%	960	7%	43	7%	492	6%	531	6%	1,007	7%
		Bachelor's	151	28%	1,901	31%	2,391	33%	3,911	31%	190	29%	2,450	31%	2,757	32%	4,473	29%
		Completed Master's	104	20%	1,189	20%	1,443	20%	2,062	17%	94	14%	1,594	19%	1,764	19%	2,452	16%
		Doctorate	55	10%	730	12%	937	12%	1,063	9%	81	12%	1,088	14%	1,265	14%	1,503	10%
Total		538	100%	6,120	100%	7,399	100%	12,550	100%	658	100%	7,939	100%	8,779	100%	14,940	100%	
27b. What is the highest level of education that your mother completed?	MOTHREDU	Did not finish HS	27	5%	234	4%	244	3%	548	5%	38	6%	316	4%	324	4%	697	5%
		Graduated from HS	80	15%	860	14%	953	13%	2,143	17%	103	16%	1,199	16%	1,286	16%	2,933	20%
		Attended, no degree	74	14%	725	12%	873	12%	1,850	14%	100	15%	890	11%	998	12%	2,099	15%
		Associate's	59	12%	640	10%	763	10%	1,414	11%	89	14%	821	10%	902	10%	1,626	11%
		Bachelor's	172	32%	2,205	36%	2,831	38%	4,210	34%	199	30%	2,707	34%	3,096	35%	4,792	32%
		Completed Master's	100	19%	1,201	20%	1,410	19%	2,027	16%	101	15%	1,630	19%	1,744	19%	2,335	15%
		Doctorate	26	5%	273	5%	344	4%	396	3%	29	4%	405	5%	461	5%	502	3%
Total		538	100%	6,138	100%	7,418	100%	12,588	100%	659	100%	7,968	100%	8,811	100%	14,984	100%	

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**National Survey  
of Student Engagement**

**NSSE 2009 Background Item Frequency Distributions <sup>a</sup>  
The University of Arizona**

**First-Year Students**

**Seniors**

	Variable	Response Options	First-Year Students				Seniors											
			Arizona		AAUDE		UA Selected Peers		Public High Research		Arizona		AAUDE		UA Selected Peers		Public High Research	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
28. Primary major or expected primary major, in collapsed categories	MAJRPCOL	Arts and Humanities	66	12%	930	15%	1,093	14%	1,543	12%	98	15%	1,469	17%	1,567	16%	2,092	14%
		Biological Science	79	15%	629	10%	883	12%	1,346	11%	77	12%	760	10%	904	10%	1,392	9%
		Business	86	16%	872	16%	1,023	16%	1,754	15%	72	11%	996	13%	1,001	12%	2,140	15%
		Education	29	5%	197	4%	228	4%	608	5%	53	8%	240	3%	272	3%	756	5%
		Engineering	49	10%	785	14%	817	14%	1,722	15%	82	13%	944	13%	969	14%	1,886	13%
		Physical Science	19	4%	219	4%	353	4%	407	3%	33	5%	358	5%	446	5%	582	4%
		Professional	74	13%	447	7%	519	6%	1,244	10%	49	7%	459	6%	525	6%	1,064	7%
		Social Science	69	13%	841	14%	1,096	13%	1,442	11%	110	17%	1,384	17%	1,614	17%	2,238	15%
		Other	49	10%	776	13%	905	14%	1,837	15%	77	12%	1,267	16%	1,409	17%	2,681	18%
		Undecided	18	3%	278	4%	320	4%	454	3%	0	0%	2	0%	2	0%	5	0%
	<b>Total</b>		<b>538</b>	<b>100%</b>	<b>5,974</b>	<b>100%</b>	<b>7,237</b>	<b>100%</b>	<b>12,357</b>	<b>100%</b>	<b>651</b>	<b>100%</b>	<b>7,879</b>	<b>100%</b>	<b>8,709</b>	<b>100%</b>	<b>14,836</b>	<b>100%</b>
29. Second major or expected second major (not minor, concentration, etc.) if applicable, in collapsed categories	MAJRSCOL	Arts and Humanities	43	31%	536	27%	684	27%	793	24%	56	29%	750	27%	773	27%	927	23%
		Biological Science	5	4%	101	5%	131	5%	180	5%	11	6%	123	5%	125	5%	201	5%
		Business	15	13%	289	16%	290	16%	500	16%	28	15%	407	16%	312	15%	662	18%
		Education	6	4%	57	3%	63	3%	130	4%	1	1%	79	3%	75	3%	160	4%
		Engineering	8	7%	61	3%	66	3%	162	5%	6	3%	40	2%	40	2%	97	2%
		Physical Science	10	8%	137	7%	181	8%	236	8%	25	14%	198	9%	219	9%	313	9%
		Professional	12	8%	93	4%	116	5%	264	8%	7	4%	86	3%	88	3%	189	5%
		Social Science	13	10%	439	22%	555	21%	588	17%	35	19%	647	23%	689	23%	776	19%
		Other	18	13%	207	11%	255	11%	408	12%	17	9%	294	12%	315	12%	501	13%
		Undecided	4	3%	37	2%	40	2%	68	2%	1	1%	11	0%	12	1%	39	1%
	<b>Total</b>		<b>134</b>	<b>100%</b>	<b>1,957</b>	<b>100%</b>	<b>2,381</b>	<b>100%</b>	<b>3,329</b>	<b>100%</b>	<b>187</b>	<b>100%</b>	<b>2,635</b>	<b>100%</b>	<b>2,648</b>	<b>100%</b>	<b>3,865</b>	<b>100%</b>
- Institution reported: Gender	GENDER	Male	240	47%	2,770	48%	3,326	49%	5,733	48%	314	47%	3,783	50%	4,132	50%	7,175	49%
		Female	374	53%	4,376	52%	5,248	51%	9,213	52%	390	53%	5,219	50%	5,779	50%	9,794	51%
		<b>Total</b>	<b>614</b>	<b>100%</b>	<b>7,146</b>	<b>100%</b>	<b>8,574</b>	<b>100%</b>	<b>14,946</b>	<b>100%</b>	<b>704</b>	<b>100%</b>	<b>9,002</b>	<b>100%</b>	<b>9,911</b>	<b>100%</b>	<b>16,969</b>	<b>100%</b>
- Institution reported: Race or ethnicity	ETHNICIT	American/Black	17	3%	221	4%	385	4%	918	7%	19	3%	189	2%	298	3%	813	6%
		Amer.	26	4%	50	1%	55	1%	78	0%	17	2%	51	1%	60	1%	86	1%
		Islander	49	8%	707	10%	828	9%	1,176	9%	47	7%	672	10%	727	9%	1,078	8%
		Caucasian/White	387	63%	4,433	70%	5,764	72%	10,103	70%	438	62%	5,355	74%	6,381	73%	11,557	73%
		Hispanic/Latino	102	16%	422	6%	548	7%	921	7%	123	17%	307	5%	411	6%	761	6%
		Other	0	0%	39	1%	113	1%	120	1%	8	1%	67	1%	127	1%	130	1%
		Foreign	24	4%	332	5%	324	5%	431	3%	25	4%	266	4%	260	4%	360	3%
		Multi-racial	0	0%	3	0%	0	0%	0	0%	0	0%	17	0%	0	0%	0	0%
		Unknown	9	1%	202	3%	145	2%	395	3%	27	4%	283	3%	204	2%	423	3%
	<b>Total</b>		<b>614</b>	<b>100%</b>	<b>6,409</b>	<b>100%</b>	<b>8,162</b>	<b>100%</b>	<b>14,142</b>	<b>100%</b>	<b>704</b>	<b>100%</b>	<b>7,207</b>	<b>100%</b>	<b>8,468</b>	<b>100%</b>	<b>15,208</b>	<b>100%</b>
- Institution reported: Enrollment status	ENROLLMT	Part-time	38	8%	131	2%	119	2%	447	5%	74	12%	636	9%	678	9%	2,053	16%
		Full-time	576	92%	7,015	98%	8,455	98%	14,499	95%	630	88%	8,366	91%	9,233	91%	14,916	84%
		<b>Total</b>	<b>614</b>	<b>100%</b>	<b>7,146</b>	<b>100%</b>	<b>8,574</b>	<b>100%</b>	<b>14,946</b>	<b>100%</b>	<b>704</b>	<b>100%</b>	<b>9,002</b>	<b>100%</b>	<b>9,911</b>	<b>100%</b>	<b>16,969</b>	<b>100%</b>

IPEDS: 104179

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NSSE 2009 Frequency Distributions<sup>a</sup>  
Association of American Universities Data Exchange  
The University of Arizona

		First-Year Students				Seniors				
		Arizona		AAUDE		Arizona		AAUDE		
Variable	Response Options	Count	%	Count	%	Count	%	Count	%	
1. Consider the size of the <b>lower-division</b> classes you've taken at this university – have they generally been:	AAU0901	Far larger than you'd like	108	20%	879	15%	191	29%	1,967	26%
		Somewhat larger	184	36%	1,901	33%	242	37%	2,839	37%
		OK in size	210	40%	2,877	50%	188	29%	2,661	34%
		Smaller than you'd like	1	0%	47	1%	2	0%	24	0%
		Not applicable/have taken no lower-division courses	21	4%	74	1%	25	4%	147	2%
		Total	524	100%	5,778	100%	648	100%	7,638	100%
2. Consider the size of the <b>upper-division</b> classes you've taken at this university – have they generally been:	AAU0902	Far larger than you'd like	33	6%	208	4%	48	8%	339	4%
		Somewhat larger	82	16%	751	14%	111	17%	992	13%
		OK in size	258	49%	2,973	53%	468	72%	6,072	79%
		Smaller than you'd like	8	1%	71	1%	19	3%	204	3%
		Not applicable/have taken no upper-division courses	143	27%	1,762	29%	3	1%	32	0%
		Total	524	100%	5,765	100%	649	100%	7,639	100%
3. How would you rate the quality of instruction in <b>lower-division</b> courses?	AAU0903	Poor	26	5%	221	4%	67	11%	651	9%
		Fair	147	29%	1,266	23%	253	41%	2,742	36%
		Good	261	52%	3,340	59%	245	39%	3,516	47%
		Excellent	64	14%	830	14%	51	8%	534	7%
		Not applicable/have taken no lower-division courses	3	1%	18	0%	4	1%	18	0%
		Total	501	100%	5,675	100%	620	100%	7,461	100%
4. How would you rate the quality of instruction in <b>upper-division</b> courses?	AAU0904	Poor	9	2%	64	1%	27	4%	127	2%
		Fair	54	10%	528	9%	79	12%	702	9%
		Good	207	39%	2,150	38%	304	47%	3,750	48%
		Excellent	97	20%	1,068	19%	233	36%	2,990	40%
		Not applicable/have taken no upper-division courses	156	30%	1,934	32%	0	0%	12	0%
		Total	523	100%	5,744	100%	643	100%	7,581	100%
5. Would you say that the courses you need to take for your <b>major</b> have been available:	AAU0905	Hardly ever	35	6%	196	3%	29	5%	172	2%
		Some of the time	127	24%	953	17%	147	23%	1,183	16%
		Most of the time	175	34%	2,175	38%	235	36%	3,340	44%
		Always or nearly always	131	26%	1,927	34%	235	37%	2,896	37%
		Not applicable (haven't tried to take any yet)	57	10%	478	8%	0	0%	12	0%
		Total	525	100%	5,729	100%	646	100%	7,603	100%
6. Would you say that the courses you need to take for your <b>general education requirements</b> have been available:	AAU0906	Hardly ever	59	11%	152	3%	40	6%	111	2%
		Some of the time	170	31%	1,221	22%	185	29%	1,191	15%
		Most of the time	179	35%	2,432	42%	250	39%	3,511	46%
		Always or nearly always	85	16%	1,842	32%	131	20%	2,637	35%
		Not applicable (haven't tried to take any yet)	31	7%	79	1%	39	6%	150	2%
		Total	524	100%	5,726	100%	645	100%	7,600	100%

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**Association of American Universities Data Exchange**  
**The University of Arizona**

			First-Year Students				Seniors			
			Arizona		AAUDE		Arizona		AAUDE	
Variable	Response Options	AAU	Count	%	Count	%	Count	%	Count	%
7. How would you rate the academic quality of this university in general?	AAU0907	Poor	6	1%	45	1%	20	3%	85	1%
		Fair	56	11%	316	6%	87	14%	673	9%
		Good	317	60%	2,763	48%	369	57%	4,095	51%
		Excellent	144	28%	2,597	45%	168	26%	2,742	39%
		Total	523	100%	5,721	100%	644	100%	7,595	100%
8. How would you rate the academic quality of your major program?	AAU0908	Poor	4	1%	53	1%	27	4%	194	3%
		Fair	51	10%	400	7%	62	10%	836	11%
		Good	227	43%	2,038	35%	255	39%	2,943	38%
		Excellent	207	40%	2,639	48%	301	47%	3,621	49%
		No major yet	34	6%	588	9%	0	0%	5	0%
Total	523	100%	5,718	100%	645	100%	7,599	100%		
9. How would you rate the quality of academic advising you have received from your college or department at this university?	AAU0909	Poor	52	10%	394	7%	64	10%	1,021	13%
		Fair	79	14%	1,204	21%	119	18%	1,864	23%
		Good	215	42%	2,364	41%	236	37%	2,847	38%
		Excellent	170	33%	1,586	28%	225	35%	1,803	25%
		Not applicable	7	1%	169	3%	1	0%	64	1%
Total	523	100%	5,717	100%	645	100%	7,599	100%		
10. How would you rate this university's responsiveness to student academic problems?	AAU0910	Poor	43	9%	302	6%	95	15%	843	11%
		Fair	162	31%	1,335	23%	166	26%	2,209	28%
		Good	222	42%	2,576	45%	240	37%	2,828	38%
		Excellent	57	11%	919	16%	69	11%	833	12%
		Not applicable	37	8%	588	10%	73	11%	884	12%
Total	521	100%	5,720	100%	643	100%	7,597	100%		
11. During the past year, from what source did you receive most of your academic advising?	AAU0911	Advisors in your college or department	333	64%	3,234	57%	428	66%	4,107	56%
		Instructors or staff members not formally assigned as	51	10%	497	8%	72	11%	1,168	14%
		On-line registration and degree tracking system	42	8%	383	6%	71	11%	1,071	15%
		Undergraduate catalog or other publications	24	5%	332	6%	26	4%	384	5%
		Friends or family	66	13%	1,080	19%	44	7%	702	9%
		Not applicable	6	1%	180	3%	6	1%	166	2%
		Total	522	100%	5,706	100%	647	100%	7,598	100%
12. The advisor(s) in your college or department is (are) available when you need to see her/him (them).	AAU0912	Strongly disagree	15	3%	159	3%	31	5%	361	5%
		Disagree	48	9%	489	9%	59	9%	840	11%
		Agree	289	55%	3,358	59%	321	49%	4,326	56%
		Strongly agree	157	31%	1,357	24%	231	36%	1,887	26%
		Not applicable	12	2%	306	5%	4	1%	144	2%
		Total	521	100%	5,669	100%	646	100%	7,558	100%

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			First-Year Students				Seniors				
			Arizona		AAUDE		Arizona		AAUDE		
	Variable	Response Options	Count	%	Count	%	Count	%	Count	%	
13.	The information you've received from academic advisors has been accurate and up to date.	AAU0913	Strongly disagree	13	3%	134	3%	25	4%	387	5%
			Disagree	46	9%	448	8%	61	9%	991	12%
			Agree	244	47%	3,215	57%	314	49%	4,039	53%
			Strongly agree	199	39%	1,585	28%	231	36%	1,977	28%
			Not applicable	16	3%	265	5%	9	1%	142	2%
			Total	518	100%	5,647	100%	640	100%	7,536	100%
14.	At this university, students have to run around from one place to another to get the information or approvals they need.	AAU0914	Strongly disagree	34	8%	315	6%	54	8%	426	6%
			Disagree	126	24%	1,615	29%	169	26%	1,796	25%
			Agree	216	41%	2,133	38%	236	36%	2,782	37%
			Strongly agree	107	20%	890	16%	150	23%	2,208	27%
			Not applicable	39	7%	703	12%	35	6%	338	5%
			Total	522	100%	5,656	100%	644	100%	7,550	100%
15.	I expect to complete a bachelor's degree:	AAU0915	I may well not complete a bachelor's degree	6	1%	45	1%	4	1%	25	0%
			At another college or university	21	4%	200	4%	1	0%	22	0%
			At this university in more than 5 years total	16	3%	80	1%	97	15%	572	9%
			At this university in more than 4 years but within 5	123	23%	1,125	20%	181	28%	1,784	26%
			At this university in a total of 4 years or less	355	69%	4,222	74%	361	55%	5,155	65%
			Total	521	100%	5,672	100%	644	100%	7,558	100%
16.	Within one year of ending your undergraduate studies, which do you plan to do?	AAU0916	Attend graduate or professional school	175	34%	1,958	35%	179	28%	2,155	29%
			Be employed (including self- and part-time)	140	28%	1,607	29%	292	46%	3,765	50%
			Attend graduate/professional school and be employed at the same time	110	21%	948	16%	99	15%	724	9%
			Take time off, have/raise a family, relax, travel, etc.	12	2%	139	2%	18	3%	222	3%
			I am not at all sure what I will be doing	83	16%	1,009	18%	56	9%	687	9%
			Total	520	100%	5,661	100%	644	100%	7,553	100%
17.	From the list below, choose <b>one</b> item that best describes the <b>biggest obstacle</b> to your academic progress.	AAU0917	Money, work obligations, finances	221	42%	2,078	35%	266	41%	2,666	35%
			Family obligations	19	4%	153	3%	54	8%	347	5%
			Difficulties getting the courses you need	46	9%	343	6%	51	8%	296	4%
			Lack of good academic advising	14	3%	230	4%	28	4%	526	6%
			Lack of personal motivation	65	13%	978	18%	64	10%	1,054	15%
			Poor academic performance	53	10%	464	8%	30	5%	316	4%
			I have no real obstacles	101	19%	1,403	26%	149	23%	2,323	30%
			Total	519	100%	5,649	100%	642	100%	7,528	100%

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			First-Year Students				Seniors			
			Arizona		AAUDE		Arizona		AAUDE	
Variable	Response Options		Count	%	Count	%	Count	%	Count	%
18. What is your primary reason for working for pay (either on or off campus)?	AAU0918	To gain knowledge/skills/experience	46	9%	524	10%	107	17%	1,302	18%
		To earn money for basic expenses	222	43%	2,012	34%	351	55%	3,550	47%
		To earn extra spending money	55	11%	688	12%	67	10%	1,169	15%
		For something to do	4	1%	56	1%	1	0%	82	1%
		I don't work for pay	191	36%	2,369	43%	117	18%	1,434	19%
		Total	518	100%	5,649	100%	643	100%	7,537	100%
19. While attending this university how often have you been challenged to do the very best you can?	AAU0919	Never	3	1%	37	1%	4	1%	43	1%
		Seldom	36	7%	257	5%	46	7%	498	7%
		Some of the time	194	38%	1,959	35%	266	41%	3,340	44%
		Most of the time	288	54%	3,410	60%	329	51%	3,663	49%
		Total	521	100%	5,663	100%	645	100%	7,544	100%
20. Most of the time, professors in my courses make it clear what they expect me to learn.	AAU0920	Strongly disagree	5	1%	41	1%	16	3%	61	1%
		Disagree	53	10%	430	8%	57	9%	482	7%
		Agree	290	55%	3,310	58%	340	53%	4,432	58%
		Strongly agree	173	34%	1,875	34%	232	36%	2,569	34%
		Total	521	100%	5,656	100%	645	100%	7,544	100%

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