



# 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 students for your institution and all randomly selected students from your comparison institutions.

## 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 arithmetic average of student responses on a particular item. Means are provided for your institution and all comparison groups.

## 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	Bench- mark	Class	NSSEville State			Mid East Public			Carnegie Class			NSSE 2009				
			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>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>		
1. <b>Academic and Intellectual Experiences</b>																
a. Asked questions in class or contributed to class discussions	CLQUEST	ACL	FY 2.94	2.61 ***	.40	2.64 ***	.35	2.78 ***	.18	3.25	2.90 ***	.39	2.91 ***	.39	3.07 ***	.21
b. Made a class presentation	CLPRESEN	ACL	FY 2.22	2.11 **	.14	2.14 *	.10	2.27	-.07	3.11	2.65 ***	.54	2.65 ***	.54	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 ***	.18	2.65 *	.08	2.36	2.32	.04	2.34	.03	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 ***	.36	3.06 ***	.26	3.40	3.22 ***	.24	3.23 ***	.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 ***	.18	2.78 *	.11	2.89	2.72 ***	.19	2.72 ***	.19	2.81 *	.09
f. Come to class without completing readings or assignments	CLUNPREP		FY 1.96	2.07 **	-.14	2.05 **	-.12	2.01	-.07	2.07	2.22 ***	-.18	2.21 ***	-.18	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).

				Arizona compared with:										
				Arizona	AAUDE			UA Selected Peers			Public High Research			
Variable	Bench- mark	Class		Mean	Mean	Sig <sup>a</sup>	Effect Size <sup>b</sup>	Mean	Sig <sup>a</sup>	Effect Size <sup>b</sup>	Mean	Sig <sup>a</sup>	Effect Size <sup>b</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	2.70	2.67	.04	2.65	.06	.06	2.65		.07	
				SR	2.88	2.95	**	-.08	2.94	-.06	2.93		-.05	
b.	Made a class presentation	CLPRESEN	ACL	FY	2.27	2.07	***	.28	2.07	***	.28	2.09	***	.25
				SR	2.67	2.65		.02	2.61	*	.07	2.65		.02
c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP		FY	2.91	2.44	***	.49	2.42	***	.51	2.56	***	.36
				SR	2.45	2.31	***	.14	2.28	***	.17	2.37	**	.08
d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT		FY	3.23	2.96	***	.35	2.96	***	.34	3.02	***	.27
				SR	3.31	3.33		-.03	3.31		-.01	3.29		.02
e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS		FY	2.81	2.77		.04	2.75		.07	2.77		.05
				SR	2.78	2.77		.01	2.79		-.01	2.74		.04
f.	Come to class without completing readings or assignments	CLUNPREP		FY	2.23	2.13	***	.13	2.13	***	.13	2.11	***	.16
				SR	2.28	2.31		-.03	2.32		-.04	2.27		.02
g.	Worked with other students on projects <b>during class</b>	CLASSGRP	ACL	FY	2.48	2.33	***	.19	2.32	***	.20	2.39	***	.12
				SR	2.53	2.43	***	.11	2.40	***	.15	2.46	*	.07
h.	Worked with classmates <b>outside of class</b> to prepare class assignments	OCCGRP	ACL	FY	2.69	2.55	***	.17	2.54	***	.18	2.48	***	.24
				SR	2.88	2.86		.03	2.84		.05	2.84		.05
i.	Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS		FY	2.60	2.65		-.06	2.64		-.05	2.61		-.01
				SR	2.99	2.96		.03	2.96		.03	2.95		.04
j.	Tutored or taught other students (paid or voluntary)	TUTOR	ACL	FY	1.75	1.74		.02	1.72		.04	1.72		.04
				SR	1.99	1.88	***	.12	1.87	***	.12	1.85	***	.15
k.	Participated in a community-based project (e.g. service learning) as part of a regular course	COMMPROJ	ACL	FY	1.51	1.53		-.03	1.48		.03	1.52		-.01
				SR	1.61	1.61		.00	1.60		.01	1.63		-.02

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

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

**NSSE 2009 Mean Comparisons  
The University of Arizona**

				<i>Arizona compared with:</i>										
				<b>Arizona</b>		<b>AAUDE</b>			<b>UA Selected Peers</b>			<b>Public High Research</b>		
				<i>Mean</i>	<i>Mean</i>	<i>Sig<sup>a</sup></i>	<i>Effect Size<sup>b</sup></i>	<i>Mean</i>	<i>Sig<sup>a</sup></i>	<i>Effect Size<sup>b</sup></i>	<i>Mean</i>	<i>Sig<sup>a</sup></i>	<i>Effect Size<sup>b</sup></i>	
<i>Variable</i>	<i>Bench- mark</i>	<i>Class</i>	<i>Class</i>											
l. Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	ITACADEM	EEE	FY	2.80	2.72	*	.08	2.74		.06	2.72	*	.08	
			SR	2.97	2.89	*	.07	2.92		.05	2.87	**	.09	
m. Used e-mail to communicate with an instructor	EMAIL		FY	3.20	3.15		.07	3.14	*	.07	3.16		.05	
			SR	3.38	3.44	*	-.08	3.44	**	-.08	3.43	*	-.07	
n. Discussed grades or assignments with an instructor	FACGRADE	SFI	FY	2.65	2.48	***	.21	2.48	***	.21	2.53	***	.15	
			SR	2.82	2.70	***	.14	2.69	***	.14	2.74	**	.09	
o. Talked about career plans with a faculty member or advisor	FACPLANS	SFI	FY	2.20	2.12	*	.09	2.11	**	.12	2.18		.02	
			SR	2.41	2.35		.06	2.33	**	.09	2.33	**	.08	
p. Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS	SFI	FY	1.82	1.80		.02	1.78		.04	1.77		.05	
			SR	2.05	2.00		.05	1.99	*	.07	1.98	**	.08	
q. Received prompt written or oral feedback from faculty on your academic performance	FACFEED	SFI	FY	2.62	2.57		.07	2.56	*	.08	2.57		.06	
			SR	2.71	2.69		.03	2.70		.02	2.67		.05	
r. Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD	LAC	FY	2.63	2.56	*	.08	2.57	*	.07	2.60		.03	
			SR	2.67	2.60	*	.08	2.59	**	.09	2.64		.03	
s. Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER	SFI	FY	1.60	1.54		.08	1.52	*	.10	1.54		.07	
			SR	1.75	1.80		-.06	1.78		-.03	1.76		-.02	
t. Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	OOCIDEAS	ACL	FY	2.72	2.80	*	-.09	2.81	**	-.10	2.76		-.04	
			SR	2.92	2.89		.02	2.91		.00	2.87		.05	
u. Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD	EEE	FY	2.73	2.68		.05	2.70		.03	2.66		.07	
			SR	2.87	2.79	**	.09	2.81	*	.07	2.75	***	.13	
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	2.81	2.81		.00	2.82		-.01	2.77		.04	
			SR	2.92	2.87		.05	2.88		.05	2.82	***	.10	

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

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

				Arizona			AAUDE			Arizona compared with:			
				Arizona			AAUDE			Public High Research			
				Arizona			AAUDE			Public High Research			
Variable	Benchmark	Class		Mean	Mean	Sig <sup>a</sup>	Effect Size <sup>b</sup>	Mean	Sig <sup>a</sup>	Effect Size <sup>b</sup>	Mean	Sig <sup>a</sup>	Effect Size <sup>b</sup>
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													
<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	3.01	2.94	*	.09	2.93	*	.09	2.96		.06
			SR	2.92	2.75	***	.18	2.76	***	.17	2.80	***	.13
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	3.25	3.22		.03	3.23		.02	3.18	*	.09
			SR	3.36	3.33		.04	3.33		.04	3.29	**	.09
c.	Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships	SYNTHESZ	LAC	2.97	2.97		.00	2.99		-.02	2.95		.03
			SR	3.12	3.11		.01	3.12		.00	3.06	*	.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	EVALUATE	LAC	2.91	2.88		.04	2.88		.03	2.90		.01
			SR	3.00	3.00		.01	2.99		.02	2.98		.03
e.	Applying theories or concepts to practical problems or in new situations	APPLYING	LAC	3.10	3.13		-.03	3.13		-.03	3.11		-.01
			SR	3.24	3.22		.02	3.22		.03	3.22		.03
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													
<b>3. Reading and Writing</b>													
a.	Number of assigned textbooks, books, or book-length packs of course readings	READASGN	LAC	3.28	3.42	***	-.15	3.42	***	-.16	3.25		.03
			SR	3.14	3.30	***	-.16	3.32	***	-.17	3.17		-.03
b.	Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN	FY	2.05	2.04		.00	2.05		.00	2.07		-.03
			SR	2.23	2.22		.01	2.23		.01	2.21		.03
c.	Number of written papers or reports of <b>20 pages or more</b>	WRITEMOR	LAC	1.30	1.23	**	.13	1.21	***	.16	1.22	***	.15
			SR	1.56	1.65	***	-.11	1.61	*	-.07	1.61		-.06
d.	Number of written papers or reports <b>between 5 and 19 pages</b>	WRITEMID	LAC	2.61	2.28	***	.41	2.28	***	.40	2.21	***	.50
			SR	2.50	2.66	***	-.17	2.64	***	-.15	2.52		-.02
e.	Number of written papers or reports of <b>fewer than 5 pages</b>	WRITESML	LAC	3.23	3.10	***	.13	3.11	**	.12	2.93	***	.30
			SR	3.06	3.12		-.06	3.11		-.05	3.00		.05

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

<sup>b</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	Effect Size <sup>b</sup>	Mean	Sig. <sup>a</sup>	Effect Size <sup>b</sup>	Mean	Sig. <sup>a</sup>	Effect Size <sup>b</sup>	Mean	Sig. <sup>a</sup>	Effect Size <sup>b</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	2.88	2.73	***	.13	2.73	***	.13	2.73	***	.13
			SR	2.61	2.45	***	.12	2.42	***	.16	2.54		.05
b.	Number of problem sets that take you <b>less</b> than an hour to complete	PROBSETB	FY	2.88	2.62	***	.21	2.59	***	.23	2.73	**	.12
			SR	2.16	2.09		.05	2.06	**	.09	2.22		-.05
<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	5.48	5.60	**	-.11	5.68	***	-.19	5.56	*	-.07
			SR	5.48	5.35	***	.11	5.38	*	.08	5.40		.06
<b>6. Additional Collegiate Experiences</b>													
<i>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>													
a.	Attended an art exhibit, play, dance, music, theatre or other performance	ATDART07	FY	2.06	2.17	***	-.13	2.20	***	-.16	2.12	*	-.07
			SR	2.05	2.15	***	-.11	2.14	***	-.11	2.04		.00
b.	Exercised or participated in physical fitness activities	EXRCSE05	FY	2.95	2.94		.00	2.99		-.04	2.87	*	.07
			SR	2.83	2.91	*	-.08	2.93	***	-.11	2.83		.00
c.	Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSHPO5	FY	1.86	1.92		-.05	2.02	***	-.14	2.04	***	-.16
			SR	1.97	1.88	**	.09	1.97		.00	2.07	**	-.09
d.	Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW	FY	2.57	2.60		-.04	2.62		-.06	2.60		-.03
			SR	2.76	2.71		.06	2.74		.02	2.71		.05
e.	Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW	FY	2.78	2.79		-.01	2.79		-.01	2.77		.01
			SR	2.88	2.87		.01	2.88		.00	2.86		.03
f.	Learned something that changed the way you understand an issue or concept	CHNGVIEW	FY	2.85	2.90		-.06	2.90		-.06	2.86		-.01
			SR	2.93	2.93		.00	2.93		.00	2.90		.04
<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	.07	.07	-.02	.07		-.01	.06		.01
			SR	.56	.62	***	-.12	.61	**	-.09	.56		.02

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

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

**NSSE 2009 Mean Comparisons  
The University of Arizona**

				<i>Arizona compared with:</i>										
				Arizona		AAUDE			UA Selected Peers			Public High Research		
<i>Variable</i>				<i>Mean</i>	<i>Mean</i>	<i>Sig<sup>a</sup></i>	<i>Effect Size<sup>b</sup></i>	<i>Mean</i>	<i>Sig<sup>a</sup></i>	<i>Effect Size<sup>b</sup></i>	<i>Mean</i>	<i>Sig<sup>a</sup></i>	<i>Effect Size<sup>b</sup></i>	
<i>Bench- mark</i>	<i>Class</i>													
b.	Community service or volunteer work	VOLNTR04	EEE	FY	.43	.42		.02	.45		-.05	.42		.02
				SR	.64	.68	**	-.08	.69	***	-.11	.64		.00
c.	Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04	EEE	FY	.11	.29	***	-.39	.25	***	-.32	.25	***	-.32
				SR	.26	.32	***	-.14	.30	***	-.10	.29	**	-.08
d.	Work on a research project with a faculty member outside of course or program requirements	RESRCH04	SFI	FY	.07	.06		.05	.05		.07	.05		.08
				SR	.27	.27		.01	.27		.01	.23	***	.11
e.	Foreign language coursework	FORLNG04	EEE	FY	.46	.33	***	.28	.37	***	.20	.25	***	.48
				SR	.63	.56	***	.14	.58	**	.10	.49	***	.28
f.	Study abroad	STDABR04	EEE	FY	.03	.02		.02	.02		.05	.02		.04
				SR	.17	.29	***	-.26	.28	***	-.25	.19	*	-.06
g.	Independent study or self-designed major	INDSTD04	EEE	FY	.03	.02		.03	.02		.06	.02		.02
				SR	.23	.17	***	.14	.16	***	.19	.15	***	.23
h.	Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)	SNRX04	EEE	FY	.01	.02		-.02	.01		-.01	.02		-.02
				SR	.33	.36		-.05	.33		.00	.33		.01

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

1=Unfriendly, Unsupportive, Sense of alienation to 7=Friendly, Supportive, Sense of belonging

**8. Quality of Relationships**

a.	Relationships with <b>other students</b>	ENVSTU	SCE	FY	5.39	5.49		-.07	5.55	**	-.12	5.47		-.06
				SR	5.54	5.52		.01	5.59		-.03	5.54		.00
<i>1=Unavailable, Unhelpful, Unsympathetic to 7=Available, Helpful, Sympathetic</i>														
b.	Relationships with <b>faculty members</b>	ENVFAC	SCE	FY	4.91	5.05	**	-.11	5.04	*	-.10	5.01	*	-.08
				SR	5.22	5.22		.00	5.20		.01	5.18		.03
<i>1=Unhelpful, Inconsiderate, Rigid to 7=Helpful, Considerate, Flexible</i>														
c.	Relationships with <b>administrative personnel and offices</b>	ENVADM	SCE	FY	4.56	4.65		-.06	4.65		-.06	4.61		-.03
				SR	4.70	4.49	***	.13	4.50	***	.12	4.45	***	.15

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

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

				<i>Arizona compared with:</i>										
				Arizona		AAUDE			UA Selected Peers			Public High Research		
Variable	Bench- mark	Class		Mean	Mean	Sig <sup>a</sup>	Effect Size <sup>b</sup>	Mean	Sig <sup>a</sup>	Effect Size <sup>b</sup>	Mean	Sig <sup>a</sup>	Effect Size <sup>b</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	4.42	4.64	***	-13	4.75	***	-.20	4.42	.01	
				SR	4.35	4.49	*	-.08	4.53	**	-.10	4.35	.00	
b.	Working for pay <b>on campus</b>	WORKON01		FY	1.47	1.53		-.04	1.46		.01	1.45	.02	
				SR	2.01	2.11		-.06	2.07		-.04	1.91	.06	
c.	Working for pay <b>off campus</b>	WORKOF01		FY	1.82	1.50	***	.24	1.44	***	.31	1.88	-.03	
				SR	2.92	2.47	***	.21	2.50	***	.20	3.16	***	-.10
d.	Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01	EEE	FY	2.49	2.46		.02	2.54		-.04	2.33	* .11	
				SR	2.12	2.47	***	-.22	2.51	***	-.24	2.23	* -.07	
e.	Relaxing and socializing (watching TV, partying, etc.)	SOCIAL05		FY	3.89	3.91		-.01	3.87		.02	3.85	.02	
				SR	3.59	3.85	***	-.17	3.81	***	-.14	3.68	* -.06	
f.	Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01		FY	1.46	1.30	***	.16	1.24	***	.25	1.44	.02	
				SR	1.89	1.51	***	.26	1.49	***	.28	1.89	.00	
g.	Commuting to class (driving, walking, etc.)	COMMUTE		FY	2.46	2.29	***	.19	2.28	***	.20	2.35	** .12	
				SR	2.51	2.33	***	.21	2.33	***	.20	2.41	*** .10	
<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	3.20	3.21		-.01	3.26	*	-.08	3.20	.00	
				SR	3.14	3.10		.05	3.15		-.02	3.13	.01	
b.	Providing the support you need to help you succeed academically	ENVSUPRT	SCE	FY	2.98	3.10	***	-.15	3.11	***	-.16	3.08	*** -.13	
				SR	2.82	2.85		-.04	2.88	*	-.07	2.86	-.04	
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS	EEE	FY	2.58	2.78	***	-.21	2.81	***	-.25	2.77	*** -.20	
				SR	2.41	2.49	*	-.07	2.55	***	-.14	2.49	** -.08	

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

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



				<i>Arizona compared with:</i>										
				Arizona		AAUDE			UA Selected Peers			Public High Research		
				Mean	Mean	Sig <sup>a</sup>	Effect Size <sup>b</sup>	Mean	Sig <sup>a</sup>	Effect Size <sup>b</sup>	Mean	Sig <sup>a</sup>	Effect Size <sup>b</sup>	
Variable	Benchmark	Class												
d. Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD	SCE	FY	2.09	2.24	***	-.16	2.23	***	-.15	2.22	***	-.15	
			SR	1.84	1.89	*	-.07	1.92	**	-.10	1.88		-.05	
e. Providing the support you need to thrive socially	ENVSOCAL	SCE	FY	2.36	2.53	***	-.18	2.54	***	-.19	2.50	***	-.15	
			SR	2.12	2.22	***	-.11	2.27	***	-.17	2.19	*	-.07	
f. Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	ENVEVENT		FY	2.78	2.97	***	-.21	3.00	***	-.26	2.93	***	-.17	
			SR	2.64	2.80	***	-.18	2.86	***	-.24	2.71	*	-.08	
g. Using computers in academic work	ENVCOMPT		FY	3.53	3.37	***	.22	3.42	***	.16	3.39	***	.19	
			SR	3.55	3.51		.06	3.54		.02	3.51		.06	

*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	3.14	3.20		-.07	3.25	***	-.14	3.18		-.05
			SR	3.18	3.22		-.06	3.27	***	-.12	3.20		-.03
b. Acquiring job or work-related knowledge and skills	GNWORK		FY	2.63	2.82	***	-.20	2.80	***	-.18	2.80	***	-.18
			SR	2.95	2.95		.00	2.93		.02	2.99		-.05
c. Writing clearly and effectively	GNWRITE		FY	2.94	2.92		.02	2.94		.00	2.93		.01
			SR	3.05	3.06		-.01	3.08		-.04	3.02		.02
d. Speaking clearly and effectively	GNSPEAK		FY	2.64	2.65		-.01	2.67		-.03	2.71	*	-.07
			SR	2.89	2.86		.03	2.87		.02	2.88		.01
e. Thinking critically and analytically	GNANALY		FY	3.17	3.27	***	-.13	3.29	***	-.16	3.24	*	-.09
			SR	3.33	3.38	*	-.07	3.40	**	-.10	3.35		-.03
f. Analyzing quantitative problems	GNQUANT		FY	2.91	3.03	***	-.14	3.05	***	-.17	3.03	***	-.14
			SR	3.09	3.04		.05	3.06		.03	3.07		.02
g. Using computing and information technology	GNCMPTS		FY	3.05	3.01		.04	3.05		.00	3.07		-.02
			SR	3.23	3.16	**	.09	3.17	*	.07	3.21		.03
h. Working effectively with others	GNOTHERS		FY	2.99	2.97		.03	2.98		.01	2.97		.02
			SR	3.09	3.12		-.03	3.14		-.05	3.13		-.05

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

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

				<i>Arizona compared with:</i>									
				Arizona		AAUDE		UA Selected Peers			Public High Research		
	Variable	Bench- mark	Class	Mean	Mean	Sig <sup>a</sup>	Effect Size <sup>b</sup>	Mean	Sig <sup>a</sup>	Effect Size <sup>b</sup>	Mean	Sig <sup>a</sup>	Effect Size <sup>b</sup>
i.	Voting in local, state, or national elections	GNCITIZN	FY	2.66	2.75	*	-.08	2.82	***	-.15	2.72		-.06
			SR	2.35	2.44	**	-.08	2.52	***	-.16	2.37		-.02
j.	Learning effectively on your own	GNINQ	FY	2.94	3.05	***	-.13	3.07	***	-.16	3.03	**	-.10
			SR	3.02	3.05		-.04	3.09	**	-.08	3.03		-.01
k.	Understanding yourself	GNSELF	FY	2.69	2.82	***	-.13	2.82	***	-.14	2.79	**	-.10
			SR	2.72	2.82	**	-.10	2.86	***	-.14	2.77		-.05
l.	Understanding people of other racial and ethnic backgrounds	GNDIVERS	FY	2.62	2.72	**	-.10	2.74	**	-.13	2.71	*	-.09
			SR	2.62	2.63		-.01	2.68	*	-.07	2.62		.00
m.	Solving complex real-world problems	GNPROBSV	FY	2.65	2.73	*	-.10	2.74	**	-.11	2.72	*	-.09
			SR	2.74	2.81	*	-.08	2.84	**	-.10	2.80	*	-.06
n.	Developing a personal code of values and ethics	GNETHICS	FY	2.58	2.66	*	-.08	2.69	**	-.12	2.66	*	-.08
			SR	2.58	2.60		-.02	2.66	*	-.07	2.60		-.02
o.	Contributing to the welfare of your community	GNCOMMUN	FY	2.36	2.54	***	-.20	2.58	***	-.24	2.50	***	-.15
			SR	2.41	2.44		-.03	2.51	**	-.10	2.42		-.02
p.	Developing a deepened sense of spirituality	GNSPIRIT	FY	1.90	1.93		-.03	1.98	*	-.08	2.02	**	-.11
			SR	1.69	1.68		.01	1.75		-.05	1.75		-.06
<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	3.02	3.04		-.03	3.03		.00	3.04		-.02
			SR	2.95	2.81	***	.16	2.78	***	.18	2.80	***	.16
<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	3.11	3.29	***	-.27	3.33	***	-.32	3.25	***	-.20
			SR	3.15	3.27	***	-.18	3.31	***	-.23	3.21	**	-.09
<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	3.22	3.37	***	-.20	3.41	***	-.25	3.34	***	-.16
			SR	3.23	3.29	*	-.07	3.35	***	-.15	3.26		-.03

IPEDS: 104179

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

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



**National Survey  
of Student Engagement**

**NSSE 2009 Detailed Statistics  
The University of Arizona  
First-Year Students**

	N	Mean				Standard Error of the Mean <sup>a</sup>				Standard Deviation <sup>b</sup>				Degrees of Freedom <sup>c</sup>			Significance <sup>d</sup>			Effect Size <sup>e</sup>		
		Arizona				Arizona				Arizona				AAUDE			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	Arizona	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research
CLQUEST	867	2.70	2.67	2.65	2.65	.03	.01	.01	.01	.82	.84	.83	.84	7,958	9,379	15,694	.262	.094	.061	.04	.06	.07
CLPRESENT	868	2.27	2.07	2.07	2.09	.03	.01	.01	.01	.76	.73	.72	.77	1,073	1,031	972	.000	.000	.000	.28	.28	.25
REWRPAP	863	2.91	2.44	2.42	2.56	.03	.01	.01	.01	.93	.96	.97	1.00	1,101	1,063	981	.000	.000	.000	.49	.51	.36
INTEGRAT	869	3.23	2.96	2.96	3.02	.02	.01	.01	.01	.74	.80	.80	.81	7,967	9,383	15,719	.000	.000	.000	.35	.34	.27
DIVCLASS	865	2.81	2.77	2.75	2.77	.03	.01	.01	.01	.85	.87	.88	.88	7,944	1,061	977	.254	.052	.155	.04	.07	.05
CLUNPREP	867	2.23	2.13	2.13	2.11	.03	.01	.01	.01	.79	.79	.77	.78	1,088	1,042	967	.000	.000	.000	.13	.13	.16
CLASSGRP	867	2.48	2.33	2.32	2.39	.03	.01	.01	.01	.85	.85	.84	.85	7,969	1,046	15,727	.000	.000	.001	.19	.20	.12
OCCGRP	870	2.69	2.55	2.54	2.48	.03	.01	.01	.01	.84	.84	.83	.87	7,988	9,411	981	.000	.000	.000	.17	.18	.24
INTIDEAS	828	2.60	2.65	2.64	2.61	.03	.01	.01	.01	.81	.80	.79	.80	7,527	8,881	14,765	.087	.203	.830	-.06	-.05	-.01
TUTOR	830	1.75	1.74	1.72	1.72	.03	.01	.01	.01	.86	.86	.85	.85	7,537	8,900	14,807	.592	.328	.222	.02	.04	.04
COMMPROJ	828	1.51	1.53	1.48	1.52	.03	.01	.01	.01	.78	.83	.80	.81	7,491	8,842	14,708	.483	.341	.735	-.03	.03	-.01
ITACADEM	832	2.80	2.72	2.74	2.72	.03	.01	.01	.01	1.01	.98	.97	.99	7,549	8,909	14,817	.028	.094	.020	.08	.06	.08
EMAIL	829	3.20	3.15	3.14	3.16	.03	.01	.01	.01	.78	.80	.80	.80	7,539	8,902	14,796	.067	.050	.168	.07	.07	.05
FACGRADE	828	2.65	2.48	2.48	2.53	.03	.01	.01	.01	.85	.85	.84	.87	7,522	8,877	14,780	.000	.000	.000	.21	.21	.15
FACPLANS	829	2.20	2.12	2.11	2.18	.03	.01	.01	.01	.90	.86	.84	.88	1,023	984	14,795	.017	.003	.486	.09	.12	.02
FACIDEAS	829	1.82	1.80	1.78	1.77	.03	.01	.01	.01	.84	.82	.82	.84	7,541	8,900	14,813	.534	.249	.153	.02	.04	.05
FACFEED	823	2.62	2.57	2.56	2.57	.03	.01	.01	.01	.80	.81	.81	.83	7,398	8,741	14,509	.059	.032	.086	.07	.08	.06
WORKHARD	823	2.63	2.56	2.57	2.60	.03	.01	.01	.01	.86	.84	.84	.85	7,396	8,740	14,502	.038	.042	.408	.08	.07	.03
FACOTHER	818	1.60	1.54	1.52	1.54	.03	.01	.01	.01	.84	.78	.77	.80	1,003	966	908	.051	.014	.053	.08	.10	.07
OOCIDEAS	820	2.72	2.80	2.81	2.76	.03	.01	.01	.01	.87	.84	.84	.86	1,019	983	14,496	.020	.010	.238	-.09	-.10	-.04
DIVRSTUD	822	2.73	2.68	2.70	2.66	.03	.01	.01	.01	.99	.99	.99	1.01	7,400	8,745	14,514	.220	.479	.059	.05	.03	.07
DIFFSTU2	824	2.81	2.81	2.82	2.77	.03	.01	.01	.01	.95	.94	.94	.96	7,410	8,756	14,528	.947	.684	.233	.00	-.01	.04
MEMORIZE	818	3.01	2.94	2.93	2.96	.03	.01	.01	.01	.85	.86	.86	.85	7,371	8,709	14,444	.021	.011	.084	.09	.09	.06
ANALYZE	813	3.25	3.22	3.23	3.18	.03	.01	.01	.01	.75	.73	.72	.76	1,012	974	14,363	.421	.595	.016	.03	.02	.09
SYNTHESZ	812	2.97	2.97	2.99	2.95	.03	.01	.01	.01	.82	.81	.81	.83	7,337	8,668	14,361	.951	.589	.451	.00	-.02	.03
EVALUATE	814	2.91	2.88	2.88	2.90	.03	.01	.01	.01	.86	.84	.84	.85	7,347	8,677	14,378	.305	.342	.682	.04	.03	.01
APPLYING	817	3.10	3.13	3.13	3.11	.03	.01	.01	.01	.83	.82	.82	.84	7,360	8,697	14,419	.408	.346	.773	-.03	-.03	-.01
READASGN	814	3.28	3.42	3.42	3.25	.04	.01	.01	.01	1.00	.94	.93	.95	998	962	902	.000	.000	.469	-.15	-.16	.03

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

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

<sup>d</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>e</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 Detailed Statistics The University of Arizona First-Year Students

	N	Mean				Standard Error of the Mean <sup>a</sup>				Standard Deviation <sup>b</sup>				Degrees of Freedom <sup>c</sup>			Significance <sup>d</sup>			Effect Size <sup>e</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	Arizona compared with:			Arizona compared with:		
																	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research
READOWN	811	2.05	2.04	2.05	2.07	.03	.01	.01	.01	.88	.86	.85	.91	7,355	8,685	14,390	.929	.894	.451	.00	.00	-.03
WRITEMOR	810	1.30	1.23	1.21	1.22	.03	.01	.01	.01	.72	.59	.57	.59	948	916	876	.003	.000	.001	.13	.16	.15
WRITEMID	811	2.61	2.28	2.28	2.21	.03	.01	.01	.01	.84	.79	.80	.79	995	966	898	.000	.000	.000	.41	.40	.50
WRITESML	812	3.23	3.10	3.11	2.93	.04	.01	.01	.01	1.09	1.02	1.01	1.00	995	961	894	.001	.002	.000	.13	.12	.30
PROBSETA	817	2.88	2.73	2.73	2.73	.04	.01	.01	.01	1.12	1.13	1.13	1.13	7,351	8,676	14,362	.000	.000	.000	.13	.13	.13
PROBSETB	813	2.88	2.62	2.59	2.73	.04	.02	.01	.01	1.23	1.22	1.22	1.21	7,331	8,655	14,357	.000	.000	.001	.21	.23	.12
EXAMS	817	5.48	5.60	5.68	5.56	.04	.01	.01	.01	1.12	1.06	1.04	1.09	1,005	967	14,401	.006	.000	.045	-.11	-.19	-.07
ATDART07	806	2.06	2.17	2.20	2.12	.03	.01	.01	.01	.87	.85	.85	.89	7,278	971	911	.000	.000	.040	-.13	-.16	-.07
EXRCSE05	810	2.95	2.94	2.99	2.87	.03	.01	.01	.01	.96	.96	.94	.99	7,283	8,610	916	.913	.236	.039	.00	-.04	.07
WORSHPO5	807	1.86	1.92	2.02	2.04	.04	.01	.01	.01	1.04	1.06	1.10	1.11	7,267	8,592	920	.171	.000	.000	-.05	-.14	-.16
OWNVIEW	805	2.57	2.60	2.62	2.60	.03	.01	.01	.01	.88	.87	.86	.88	7,260	8,586	14,198	.332	.087	.344	-.04	-.06	-.03
OTHRVIEW	808	2.78	2.79	2.79	2.77	.03	.01	.01	.01	.86	.83	.83	.85	7,282	8,600	14,229	.856	.787	.837	-.01	-.01	.01
CHNGVIEW	807	2.85	2.90	2.90	2.86	.03	.01	.01	.01	.81	.80	.81	.82	7,289	8,614	14,240	.119	.129	.703	-.06	-.06	-.01
INTERN04	796	.07	.07	.07	.06	.01	.00	.00	.00	.25	.25	.25	.24	7,207	8,520	14,035	.635	.738	.805	-.02	-.01	.01
VOLNTR04	788	.43	.42	.45	.42	.02	.01	.01	.00	.49	.49	.50	.49	7,172	957	13,989	.669	.193	.669	.02	-.05	.02
LRNCOM04	788	.11	.29	.25	.25	.01	.01	.00	.00	.32	.45	.43	.43	1,221	1,112	971	.000	.000	.000	-.39	-.32	-.32
RESRCH04	793	.07	.06	.05	.05	.01	.00	.00	.00	.25	.23	.22	.22	963	924	866	.205	.096	.064	.05	.07	.08
FORLNG04	794	.46	.33	.37	.25	.02	.01	.01	.00	.50	.47	.48	.44	976	952	867	.000	.000	.000	.28	.20	.48
STDABR04	788	.03	.02	.02	.02	.01	.00	.00	.00	.16	.16	.14	.15	7,178	911	863	.607	.232	.333	.02	.05	.04
INDSTD04	792	.03	.02	.02	.02	.01	.00	.00	.00	.16	.15	.14	.16	7,162	911	13,979	.377	.179	.601	.03	.06	.02
SNRX04	794	.01	.02	.01	.02	.00	.00	.00	.00	.12	.13	.12	.13	7,197	8,510	14,029	.511	.816	.604	-.02	-.01	-.02
ENVSTU	795	5.39	5.49	5.55	5.47	.05	.02	.01	.01	1.38	1.32	1.28	1.33	7,195	942	14,010	.056	.003	.116	-.07	-.12	-.06
ENVFAC	793	4.91	5.05	5.04	5.01	.05	.02	.01	.01	1.34	1.22	1.21	1.27	965	932	14,006	.008	.012	.040	-.11	-.10	-.08
ENVADM	793	4.56	4.65	4.65	4.61	.05	.02	.02	.01	1.49	1.43	1.42	1.47	7,180	8,497	14,001	.131	.123	.439	-.06	-.06	-.03
ACADPR01	786	4.42	4.64	4.75	4.42	.06	.02	.02	.01	1.66	1.62	1.63	1.63	7,135	8,449	13,900	.000	.000	.872	-.13	-.20	.01
WORKON01	784	1.47	1.53	1.46	1.45	.04	.01	.01	.01	1.22	1.17	1.10	1.14	7,133	8,449	13,895	.244	.785	.520	-.04	.01	.02
WORKOF01	787	1.82	1.50	1.44	1.88	.06	.02	.01	.02	1.75	1.28	1.17	1.75	893	860	13,890	.000	.000	.375	.24	.31	-.03
COCURR01	786	2.49	2.46	2.54	2.33	.06	.02	.02	.01	1.69	1.51	1.52	1.50	946	920	860	.682	.365	.010	.02	-.04	.11

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

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

<sup>d</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>e</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 Detailed Statistics The University of Arizona First-Year Students

	N	Mean				Standard Error of the Mean <sup>a</sup>				Standard Deviation <sup>b</sup>				Degrees of Freedom <sup>c</sup>			Significance <sup>d</sup>			Effect Size <sup>e</sup>		
														Arizona compared with:			Arizona compared with:					
		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
SOCIAL05	786	3.89	3.91	3.87	3.85	.06	.02	.02	.01	1.67	1.59	1.56	1.59	7,103	932	13,837	.770	.691	.502	-.01	.02	.02
CAREDE01	786	1.46	1.30	1.24	1.44	.04	.01	.01	.01	1.13	.97	.85	1.18	933	879	13,814	.000	.000	.671	.16	.25	.02
COMMUTE	785	2.46	2.29	2.28	2.35	.04	.01	.01	.01	1.07	.90	.86	.96	928	893	862	.000	.000	.004	.19	.20	.12
ENVSCHOL	781	3.20	3.21	3.26	3.20	.03	.01	.01	.01	.74	.73	.72	.74	7,061	8,367	13,719	.786	.037	.962	-.01	-.08	.00
ENVSUPRT	781	2.98	3.10	3.11	3.08	.03	.01	.01	.01	.80	.78	.77	.79	7,044	8,349	13,671	.000	.000	.001	-.15	-.16	-.13
ENVDIVRS	778	2.58	2.78	2.81	2.77	.03	.01	.01	.01	.97	.95	.95	.95	972	935	13,653	.000	.000	.000	-.21	-.25	-.20
ENVNACAD	780	2.09	2.24	2.23	2.22	.03	.01	.01	.01	.93	.93	.92	.94	7,040	8,341	878	.000	.000	.000	-.16	-.15	-.15
ENVSOCAL	773	2.36	2.53	2.54	2.50	.03	.01	.01	.01	.91	.91	.91	.93	7,019	8,314	13,642	.000	.000	.000	-.18	-.19	-.15
ENVEVENT	781	2.78	2.97	3.00	2.93	.03	.01	.01	.01	.88	.85	.84	.88	974	934	13,682	.000	.000	.000	-.21	-.26	-.17
ENVCOMPT	781	3.53	3.37	3.42	3.39	.02	.01	.01	.01	.69	.75	.73	.75	1,029	972	898	.000	.000	.000	.22	.16	.19
NGNENLED	770	3.14	3.20	3.25	3.18	.03	.01	.01	.01	.76	.76	.75	.77	6,960	928	13,487	.057	.000	.207	-.07	-.14	-.05
GNWORK	767	2.63	2.82	2.80	2.80	.03	.01	.01	.01	.93	.91	.91	.92	958	925	13,476	.000	.000	.000	-.20	-.18	-.18
GNWRITE	768	2.94	2.92	2.94	2.93	.03	.01	.01	.01	.83	.87	.87	.87	987	948	872	.567	.938	.830	.02	.00	.01
GNSPEAK	769	2.64	2.65	2.67	2.71	.03	.01	.01	.01	.93	.95	.94	.94	6,943	8,221	13,443	.804	.409	.048	-.01	-.03	-.07
GNANALY	769	3.17	3.27	3.29	3.24	.03	.01	.01	.01	.77	.75	.75	.76	6,948	8,238	13,473	.000	.000	.012	-.13	-.16	-.09
GNQUANT	768	2.91	3.03	3.05	3.03	.03	.01	.01	.01	.88	.86	.85	.85	6,924	8,207	856	.000	.000	.000	-.14	-.17	-.14
GNCMPTS	770	3.05	3.01	3.05	3.07	.03	.01	.01	.01	.88	.89	.88	.87	6,955	8,239	13,481	.267	.947	.507	.04	.00	-.02
GNOTHERS	764	2.99	2.97	2.98	2.97	.03	.01	.01	.01	.84	.87	.86	.87	974	8,247	864	.360	.763	.504	.03	.01	.02
GNCITIZN	762	2.66	2.75	2.82	2.72	.04	.01	.01	.01	1.05	1.05	1.05	1.06	6,855	8,121	13,274	.028	.000	.135	-.08	-.15	-.06
GNINQ	761	2.94	3.05	3.07	3.03	.03	.01	.01	.01	.83	.82	.82	.83	6,842	8,104	13,240	.000	.000	.005	-.13	-.16	-.10
GNSELF	757	2.69	2.82	2.82	2.79	.04	.01	.01	.01	.99	.94	.94	.95	935	903	844	.001	.001	.010	-.13	-.14	-.10
GNDIVERS	760	2.62	2.72	2.74	2.71	.03	.01	.01	.01	.95	.93	.92	.94	6,836	914	13,247	.007	.001	.017	-.10	-.13	-.09
GNPROBSV	762	2.65	2.73	2.74	2.72	.03	.01	.01	.01	.91	.90	.90	.91	6,835	8,107	13,254	.011	.005	.022	-.10	-.11	-.09
GNETHICS	762	2.58	2.66	2.69	2.66	.04	.01	.01	.01	.99	.97	.97	.98	6,849	8,114	13,262	.030	.002	.032	-.08	-.12	-.08
GNCOMMUN	762	2.36	2.54	2.58	2.50	.03	.01	.01	.01	.95	.95	.95	.96	6,839	8,099	13,255	.000	.000	.000	-.20	-.24	-.15
GNSPIRIT	762	1.90	1.93	1.98	2.02	.04	.01	.01	.01	1.04	1.04	1.05	1.05	6,842	8,109	13,258	.419	.048	.003	-.03	-.08	-.11
ADVISE	767	3.02	3.04	3.03	3.04	.03	.01	.01	.01	.81	.81	.83	.82	6,933	8,216	13,434	.502	.907	.597	-.03	.00	-.02
ENTIREXP	768	3.11	3.29	3.33	3.25	.02	.01	.01	.01	.66	.68	.67	.69	977	938	870	.000	.000	.000	-.27	-.32	-.20
SAMECOLL	768	3.22	3.37	3.41	3.34	.03	.01	.01	.01	.79	.75	.74	.77	6,936	8,220	13,437	.000	.000	.000	-.20	-.25	-.16

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

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

<sup>d</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>e</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 Detailed Statistics The University of Arizona Seniors

	N	Mean				Standard Error of the Mean <sup>a</sup>				Standard Deviation <sup>b</sup>				Degrees of Freedom <sup>c</sup>			Significance <sup>d</sup>			Effect Size <sup>e</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	Arizona compared with:			Arizona compared with:		
																	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research
CLQUEST	1,259	2.88	2.95	2.94	2.93	.03	.01	.01	.01	.89	.87	.87	.88	1,613	1,580	1,446	.009	.053	.070	-.08	-.06	-.05
CLPRESEN	1,258	2.67	2.65	2.61	2.65	.02	.01	.01	.01	.89	.84	.84	.86	1,592	1,556	1,439	.477	.030	.489	.02	.07	.02
REWROPAP	1,255	2.45	2.31	2.28	2.37	.03	.01	.01	.01	.98	.95	.95	.96	1,601	1,568	18,083	.000	.000	.006	.14	.17	.08
INTEGRAT	1,256	3.31	3.33	3.31	3.29	.02	.01	.01	.01	.75	.73	.74	.75	10,212	11,120	18,131	.400	.722	.434	-.03	-.01	.02
DIVCLASS	1,256	2.78	2.77	2.79	2.74	.03	.01	.01	.01	.96	.93	.93	.94	1,598	1,567	18,103	.761	.632	.147	.01	-.01	.04
CLUNPREP	1,256	2.28	2.31	2.32	2.27	.02	.01	.01	.01	.81	.82	.83	.82	10,202	1,608	18,109	.321	.168	.499	-.03	-.04	.02
CLASSGRP	1,257	2.53	2.43	2.40	2.46	.03	.01	.01	.01	.91	.87	.87	.89	1,596	1,563	18,120	.000	.000	.015	.11	.15	.07
OCCGRP	1,260	2.88	2.86	2.84	2.84	.03	.01	.01	.01	.92	.90	.90	.92	10,231	11,139	18,165	.334	.107	.092	.03	.05	.05
INTIDEAS	1,225	2.99	2.96	2.96	2.95	.02	.01	.01	.01	.81	.79	.79	.81	9,811	10,677	17,398	.317	.301	.132	.03	.03	.04
TUTOR	1,227	1.99	1.88	1.87	1.85	.03	.01	.01	.01	.97	.96	.95	.93	9,824	10,690	17,443	.000	.000	.000	.12	.12	.15
COMMPROJ	1,221	1.61	1.61	1.60	1.63	.03	.01	.01	.01	.88	.86	.85	.87	9,778	10,641	17,363	.928	.682	.403	.00	.01	-.02
ITACADEM	1,228	2.97	2.89	2.92	2.87	.03	.01	.01	.01	1.00	.99	.98	1.00	9,823	10,688	17,451	.018	.125	.002	.07	.05	.09
EMAIL	1,226	3.38	3.44	3.44	3.43	.02	.01	.01	.01	.75	.71	.71	.72	1,562	1,529	1,403	.012	.009	.031	-.08	-.08	-.07
FACGRADE	1,229	2.82	2.70	2.69	2.74	.03	.01	.01	.01	.89	.87	.87	.87	9,816	10,676	17,429	.000	.000	.002	.14	.14	.09
FACPLANS	1,229	2.41	2.35	2.33	2.33	.03	.01	.01	.01	.96	.90	.90	.92	1,556	1,521	1,406	.059	.008	.009	.06	.09	.08
FACIDEAS	1,229	2.05	2.00	1.99	1.98	.03	.01	.01	.01	.92	.87	.87	.89	1,555	1,522	1,404	.090	.041	.009	.05	.07	.08
FACFEED	1,220	2.71	2.69	2.70	2.67	.02	.01	.01	.01	.82	.79	.78	.81	1,557	1,521	17,235	.375	.518	.095	.03	.02	.05
WORKHARD	1,218	2.67	2.60	2.59	2.64	.03	.01	.01	.01	.90	.86	.86	.86	9,706	1,517	1,391	.012	.006	.274	.08	.09	.03
FACOTHER	1,215	1.75	1.80	1.78	1.76	.03	.01	.01	.01	.93	.92	.91	.92	9,685	10,548	17,200	.070	.256	.611	-.06	-.03	-.02
OOCIDEAS	1,214	2.92	2.89	2.91	2.87	.02	.01	.01	.01	.84	.83	.84	.85	9,697	10,557	1,408	.429	.976	.089	.02	.00	.05
DIVRSTUD	1,216	2.87	2.79	2.81	2.75	.03	.01	.01	.01	.98	.97	.97	.99	9,713	10,581	17,258	.005	.028	.000	.09	.07	.13
DIFFSTU2	1,218	2.92	2.87	2.88	2.82	.03	.01	.01	.01	.93	.92	.92	.95	9,724	10,587	1,415	.078	.132	.000	.05	.05	.10
MEMORIZE	1,213	2.92	2.75	2.76	2.80	.03	.01	.01	.01	.93	.93	.92	.92	1,573	10,511	17,137	.000	.000	.000	.18	.17	.13
ANALYZE	1,212	3.36	3.33	3.33	3.29	.02	.01	.01	.01	.74	.72	.72	.74	9,619	10,472	17,095	.168	.180	.002	.04	.04	.09
SYNTHESZ	1,207	3.12	3.11	3.12	3.06	.02	.01	.01	.01	.85	.82	.82	.84	9,599	10,461	1,393	.857	.925	.025	.01	.00	.07
EVALUATE	1,213	3.00	3.00	2.99	2.98	.03	.01	.01	.01	.91	.87	.86	.87	1,550	1,514	1,389	.745	.490	.393	.01	.02	.03
APPLYING	1,213	3.24	3.22	3.22	3.22	.02	.01	.01	.01	.85	.83	.83	.83	9,644	10,500	17,133	.452	.332	.362	.02	.03	.03
READASGN	1,212	3.14	3.30	3.32	3.17	.03	.01	.01	.01	1.08	1.03	1.03	1.03	9,627	10,489	1,386	.000	.000	.317	-.16	-.17	-.03

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

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

<sup>d</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>e</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  
The University of Arizona  
Seniors**

	N	Mean					Standard Error of the Mean <sup>a</sup>				Standard Deviation <sup>b</sup>				Degrees of Freedom <sup>c</sup>			Significance <sup>d</sup>			Effect Size <sup>e</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	Arizona compared with:			Arizona compared with:			
		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	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research				
READOWN	1,215	2.23	2.22	2.23	2.21	.03	.01	.01	.01	1.01	.96	.95	.98	1,545	1,509	17,077	.649	.846	.392	.01	.01	.03	
WRITEMOR	1,210	1.56	1.65	1.61	1.61	.02	.01	.01	.01	.79	.77	.77	.79	9,622	10,482	17,087	.000	.030	.060	-.11	-.07	-.06	
WRITEMID	1,207	2.50	2.66	2.64	2.52	.03	.01	.01	.01	.95	.94	.93	.95	9,612	10,474	17,067	.000	.000	.466	-.17	-.15	-.02	
WRITESML	1,209	3.06	3.12	3.11	3.00	.03	.01	.01	.01	1.17	1.12	1.11	1.13	9,615	1,506	1,388	.063	.145	.079	-.06	-.05	.05	
PROBSETA	1,210	2.61	2.45	2.42	2.54	.04	.01	.01	.01	1.25	1.23	1.22	1.23	9,581	10,439	17,027	.000	.000	.083	.12	.16	.05	
PROBSETB	1,209	2.16	2.09	2.06	2.22	.03	.01	.01	.01	1.20	1.17	1.16	1.20	9,583	1,519	17,008	.082	.007	.084	.05	.09	-.05	
EXAMS	1,215	5.48	5.35	5.38	5.40	.04	.01	.01	.01	1.29	1.19	1.19	1.22	1,525	1,495	1,385	.001	.011	.055	.11	.08	.06	
ATDART07	1,206	2.05	2.15	2.14	2.04	.03	.01	.01	.01	.92	.89	.88	.89	9,532	10,397	1,381	.000	.000	.913	-.11	-.11	.00	
EXRCSE05	1,207	2.83	2.91	2.93	2.83	.03	.01	.01	.01	1.01	.98	.97	1.00	1,552	1,513	16,922	.011	.001	.898	-.08	-.11	.00	
WORSHPO5	1,203	1.97	1.88	1.97	2.07	.03	.01	.01	.01	1.10	1.04	1.08	1.11	1,525	10,373	16,895	.008	.914	.003	.09	.00	-.09	
OWNVIEW	1,208	2.76	2.71	2.74	2.71	.03	.01	.01	.01	.92	.87	.86	.88	1,540	1,502	1,385	.083	.531	.114	.06	.02	.05	
OTHRVIEW	1,206	2.88	2.87	2.88	2.86	.02	.01	.01	.01	.87	.83	.82	.84	1,541	1,506	16,897	.683	.876	.398	.01	.00	.03	
CHNGVIEW	1,210	2.93	2.93	2.93	2.90	.02	.01	.01	.01	.84	.81	.81	.82	1,553	1,518	16,935	.900	.995	.153	.00	.00	.04	
INTERN04	1,200	.56	.62	.61	.56	.01	.01	.01	.00	.50	.48	.49	.50	1,551	1,522	16,745	.000	.004	.616	-.12	-.09	.02	
VOLNTR04	1,200	.64	.68	.69	.64	.01	.01	.00	.00	.48	.47	.46	.48	1,549	1,508	16,687	.008	.001	.891	-.08	-.11	.00	
LRNCOM04	1,192	.26	.32	.30	.29	.01	.01	.00	.00	.44	.47	.46	.45	1,613	1,558	1,398	.000	.001	.007	-.14	-.10	-.08	
RESRCH04	1,200	.27	.27	.27	.23	.01	.00	.00	.00	.45	.44	.44	.42	9,425	10,285	1,368	.834	.646	.001	.01	.01	.11	
FORLNG04	1,202	.63	.56	.58	.49	.01	.01	.01	.00	.48	.50	.49	.50	1,594	1,551	1,408	.000	.001	.000	.14	.10	.28	
STDABR04	1,200	.17	.29	.28	.19	.01	.00	.00	.00	.38	.45	.45	.39	1,749	1,688	1,411	.000	.000	.049	-.26	-.25	-.06	
INDSTD04	1,190	.23	.17	.16	.15	.01	.00	.00	.00	.42	.38	.36	.35	1,484	1,436	1,322	.000	.000	.000	.14	.19	.23	
SNRX04	1,201	.33	.36	.33	.33	.01	.01	.00	.00	.47	.48	.47	.47	1,583	10,303	16,761	.097	.976	.756	-.05	.00	.01	
ENVSTU	1,200	5.54	5.52	5.59	5.54	.04	.01	.01	.01	1.31	1.32	1.31	1.33	9,440	10,299	16,724	.675	.268	.969	.01	-.03	.00	
ENVFAC	1,199	5.22	5.22	5.20	5.18	.04	.01	.01	.01	1.38	1.28	1.28	1.34	1,513	1,482	16,725	.977	.655	.357	.00	.01	.03	
ENVADM	1,199	4.70	4.49	4.50	4.45	.05	.02	.02	.01	1.58	1.58	1.57	1.63	9,435	10,295	16,718	.000	.000	.000	.13	.12	.15	
ACADPR01	1,197	4.35	4.49	4.53	4.35	.05	.02	.02	.01	1.80	1.77	1.76	1.78	9,368	10,230	16,621	.011	.002	.912	-.08	-.10	.00	
WORKON01	1,195	2.01	2.11	2.07	1.91	.05	.02	.02	.01	1.80	1.69	1.68	1.66	9,369	10,225	1,357	.061	.231	.074	-.06	-.04	.06	
WORKOF01	1,195	2.92	2.47	2.50	3.16	.07	.02	.02	.02	2.40	2.10	2.09	2.51	1,474	1,445	1,404	.000	.000	.001	.21	.20	-.10	
COCURR01	1,195	2.12	2.47	2.51	2.23	.04	.02	.02	.01	1.46	1.63	1.65	1.54	1,661	1,623	16,625	.000	.000	.016	-.22	-.24	-.07	

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

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

<sup>d</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>e</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  
The University of Arizona  
Seniors**

	N	Mean				Standard Error of the Mean <sup>a</sup>				Standard Deviation <sup>b</sup>				Degrees of Freedom <sup>c</sup>			Significance <sup>d</sup>			Effect Size <sup>e</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	Arizona compared with:			Arizona compared with:		
		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	AAUDE	UA Selected Peers	Public High Research	AAUDE	UA Selected Peers	Public High Research			
SOCIAL05	1,190	3.59	3.85	3.81	3.68	.04	.02	.02	.01	1.50	1.58	1.55	1.55	9,328	10,188	16,561	.000	.000	.048	-.17	-.14	-.06
CAREDE01	1,187	1.89	1.51	1.49	1.89	.05	.02	.01	.01	1.84	1.40	1.37	1.85	1,393	1,366	16,535	.000	.000	.985	.26	.28	.00
COMMUTE	1,194	2.51	2.33	2.33	2.41	.03	.01	.01	.01	.97	.87	.85	.95	1,489	1,444	1,376	.000	.000	.001	.21	.20	.10
ENVSCHOL	1,191	3.14	3.10	3.15	3.13	.02	.01	.01	.01	.79	.77	.76	.77	1,540	10,142	16,454	.128	.616	.643	.05	-.02	.01
ENVSUPRT	1,186	2.82	2.85	2.88	2.86	.03	.01	.01	.01	.88	.83	.83	.84	1,508	1,480	1,359	.264	.032	.223	-.04	-.07	-.04
ENVDIVRS	1,187	2.41	2.49	2.55	2.49	.03	.01	.01	.01	1.01	1.00	1.00	1.00	9,256	10,114	16,396	.022	.000	.010	-.07	-.14	-.08
ENVNACAD	1,183	1.84	1.89	1.92	1.88	.03	.01	.01	.01	.91	.87	.88	.89	1,514	1,488	16,404	.041	.002	.075	-.07	-.10	-.05
ENVSOCAL	1,182	2.12	2.22	2.27	2.19	.03	.01	.01	.01	.93	.90	.91	.91	9,229	10,088	16,344	.001	.000	.016	-.11	-.17	-.07
ENVEVENT	1,187	2.64	2.80	2.86	2.71	.03	.01	.01	.01	.94	.87	.88	.92	1,502	1,475	16,382	.000	.000	.013	-.18	-.24	-.08
ENVCOMPT	1,189	3.55	3.51	3.54	3.51	.02	.01	.01	.01	.70	.71	.69	.71	1,581	10,129	1,391	.052	.479	.054	.06	.02	.06
NGNENLED	1,178	3.18	3.22	3.27	3.20	.02	.01	.01	.01	.83	.79	.78	.80	9,173	10,023	16,223	.074	.000	.256	-.06	-.12	-.03
GNWORK	1,181	2.95	2.95	2.93	2.99	.03	.01	.01	.01	.95	.95	.95	.94	9,159	10,009	16,214	.925	.482	.135	.00	.02	-.05
GNWRITE	1,181	3.05	3.06	3.08	3.02	.03	.01	.01	.01	.87	.85	.84	.86	9,170	10,019	16,231	.715	.223	.420	-.01	-.04	.02
GNSPEAK	1,177	2.89	2.86	2.87	2.88	.03	.01	.01	.01	.96	.93	.93	.91	9,147	9,995	1,350	.357	.431	.783	.03	.02	.01
GNANALY	1,172	3.33	3.38	3.40	3.35	.02	.01	.01	.01	.81	.74	.73	.76	1,474	1,438	1,337	.025	.002	.369	-.07	-.10	-.03
GNQUANT	1,175	3.09	3.04	3.06	3.07	.03	.01	.01	.01	.90	.91	.90	.88	9,130	9,981	16,165	.106	.349	.602	.05	.03	.02
GNCMPTS	1,179	3.23	3.16	3.17	3.21	.02	.01	.01	.01	.85	.87	.86	.85	9,169	10,022	16,225	.003	.024	.295	.09	.07	.03
GNOTHERS	1,179	3.09	3.12	3.14	3.13	.03	.01	.01	.01	.89	.85	.85	.86	9,168	10,016	16,238	.350	.084	.110	-.03	-.05	-.05
GNCITIZN	1,168	2.35	2.44	2.52	2.37	.03	.01	.01	.01	1.07	1.07	1.06	1.07	9,083	9,930	16,064	.009	.000	.528	-.08	-.16	-.02
GNINQ	1,171	3.02	3.05	3.09	3.03	.03	.01	.01	.01	.91	.86	.85	.88	9,066	9,916	16,044	.225	.007	.626	-.04	-.08	-.01
GNSELF	1,165	2.72	2.82	2.86	2.77	.03	.01	.01	.01	1.03	.97	.97	.99	1,484	1,451	1,339	.002	.000	.124	-.10	-.14	-.05
GNDIVERS	1,167	2.62	2.63	2.68	2.62	.03	.01	.01	.01	1.00	.96	.95	.97	1,501	1,466	16,045	.812	.044	.875	-.01	-.07	.00
GNPROBSV	1,169	2.74	2.81	2.84	2.80	.03	.01	.01	.01	.98	.93	.92	.94	1,491	1,457	1,340	.020	.001	.044	-.08	-.10	-.06
GNETHICS	1,172	2.58	2.60	2.66	2.60	.03	.01	.01	.01	1.08	1.00	1.01	1.02	1,484	1,456	1,339	.640	.025	.623	-.02	-.07	-.02
GNCOMMUN	1,168	2.41	2.44	2.51	2.42	.03	.01	.01	.01	1.04	.98	.99	.99	1,495	1,468	1,341	.329	.001	.619	-.03	-.10	-.02
GNSPIRIT	1,168	1.69	1.68	1.75	1.75	.03	.01	.01	.01	.99	.97	1.00	1.00	9,061	9,912	16,048	.677	.089	.067	.01	-.05	-.06
ADVISE	1,178	2.95	2.81	2.78	2.80	.03	.01	.01	.01	.93	.93	.95	.95	9,172	1,517	1,375	.000	.000	.000	.16	.18	.16
ENTIREXP	1,178	3.15	3.27	3.31	3.21	.02	.01	.01	.01	.77	.71	.71	.73	9,173	10,025	16,232	.000	.000	.002	-.18	-.23	-.09
SAMECOLL	1,179	3.23	3.29	3.35	3.26	.03	.01	.01	.01	.86	.81	.79	.83	1,501	1,459	16,237	.028	.000	.349	-.07	-.15	-.03

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

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

<sup>d</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>e</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**

**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 students for your institution and all randomly selected students for your comparison institutions.

## 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.

## 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	CLQUEST (ACL) Never Sometimes Often Very often	10	2%	1,003	5%	1,917	6%	6,351	4%	7	2%	602	3%	937	4%	3,773	2%
		158	31%	9,276	45%	14,476	42%	65,653	37%	96	19%	7,194	33%	9,772	33%	47,285	27%
		191	38%	7,127	34%	12,442	34%	64,626	35%	169	31%	7,649	33%	10,741	32%	62,543	33%
		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	CLPRESEN (ACL) Never Sometimes Often Very often	57	11%	3,518	19%	5,573	18%	23,434	15%	7	1%	1,109	6%	1,545	6%	8,445	5%
		310	61%	11,820	56%	19,707	55%	96,070	52%	121	21%	8,839	41%	12,395	42%	61,770	34%
		116	22%	4,398	20%	8,225	21%	46,873	25%	222	43%	8,362	34%	11,854	33%	72,438	36%
		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	REWROPAP Never Sometimes Often Very often	49	10%	3,263	18%	5,137	16%	23,636	13%	82	16%	4,379	20%	6,096	20%	31,065	16%
		152	29%	6,885	33%	11,440	32%	58,221	31%	240	47%	9,607	42%	13,342	41%	74,803	38%
		187	39%	6,567	30%	11,717	32%	58,917	32%	120	22%	5,583	24%	8,216	24%	50,342	27%
		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	INTEGRAT Never Sometimes Often Very often	5	1%	597	4%	894	3%	3,635	2%	2	0%	263	1%	339	1%	1,927	1%
		63	13%	5,196	26%	8,045	24%	36,672	21%	48	9%	3,381	16%	4,706	16%	23,178	13%
		218	44%	9,614	45%	16,368	44%	82,244	45%	209	41%	9,613	41%	13,373	41%	74,885	40%
		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	DIVCLASS Never Sometimes Often Very often	21	4%	1,486	8%	2,468	8%	10,808	7%	29	6%	1,616	9%	2,411	9%	12,010	7%
		141	28%	7,408	35%	12,131	34%	57,446	32%	147	29%	7,895	35%	11,050	34%	59,116	31%
		219	43%	7,953	37%	13,742	38%	70,683	38%	182	36%	7,873	33%	11,133	33%	66,426	34%
		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.

## Column Percentage (%)

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



**National Survey  
of Student Engagement**

**NSSE 2009 Engagement Item Frequency Distributions  
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	32	4%	315	4%	385	5%	772	5%	48	4%	240	3%	273	3%	535	3%
			Sometimes	359	41%	3,087	44%	3,777	44%	6,396	43%	437	35%	2,877	32%	3,242	33%	5,481	33%
			Often	310	36%	2,315	33%	2,751	32%	4,927	33%	387	31%	2,887	32%	3,183	32%	5,419	32%
			Very often	166	19%	1,376	19%	1,601	19%	2,734	18%	387	31%	2,945	33%	3,153	32%	5,392	32%
			Total	867	100%	7,093	100%	8,514	100%	14,829	100%	1,259	100%	8,949	100%	9,851	100%	16,827	100%
1b.	Made a class presentation	CLPRESEN (ACL)	Never	99	11%	1,348	19%	1,580	19%	2,963	20%	84	7%	489	5%	576	6%	1,087	6%
			Sometimes	500	58%	4,222	60%	5,115	60%	8,433	57%	522	41%	3,828	43%	4,392	45%	6,968	41%
			Often	202	23%	1,185	17%	1,456	17%	2,631	18%	382	30%	2,976	33%	3,185	32%	5,596	33%
			Very often	67	8%	325	5%	348	4%	798	5%	270	21%	1,651	18%	1,692	17%	3,211	19%
			Total	868	100%	7,080	100%	8,499	100%	14,825	100%	1,258	100%	8,944	100%	9,845	100%	16,862	100%
1c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP	Never	68	8%	1,304	18%	1,632	19%	2,481	17%	218	17%	1,807	20%	2,090	21%	3,225	19%
			Sometimes	209	24%	2,452	35%	2,953	35%	4,585	31%	486	39%	3,774	42%	4,158	42%	6,748	40%
			Often	317	37%	2,205	31%	2,568	30%	4,689	32%	324	26%	2,126	24%	2,279	23%	4,290	25%
			Very often	269	31%	1,096	16%	1,310	15%	3,014	20%	227	18%	1,231	14%	1,305	13%	2,567	15%
			Total	863	100%	7,057	100%	8,463	100%	14,769	100%	1,255	100%	8,938	100%	9,832	100%	16,830	100%
1d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT	Never	7	1%	211	3%	246	3%	444	3%	16	1%	75	1%	88	1%	205	1%
			Sometimes	137	16%	1,787	25%	2,139	25%	3,429	23%	173	14%	1,201	13%	1,354	14%	2,386	14%
			Often	373	43%	3,200	45%	3,823	45%	6,416	43%	477	38%	3,418	38%	3,792	38%	6,606	39%
			Very often	352	41%	1,902	27%	2,308	27%	4,563	31%	590	47%	4,264	48%	4,632	47%	7,680	46%
			Total	869	100%	7,100	100%	8,516	100%	14,852	100%	1,256	100%	8,958	100%	9,866	100%	16,877	100%
1e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS	Never	44	5%	500	7%	621	7%	1,091	7%	121	10%	744	8%	801	8%	1,555	9%
			Sometimes	277	32%	2,189	31%	2,725	32%	4,650	31%	388	31%	2,849	32%	3,054	31%	5,488	33%
			Often	344	40%	2,807	40%	3,301	39%	5,698	38%	392	31%	3,035	34%	3,342	34%	5,569	33%
			Very often	200	23%	1,585	22%	1,845	22%	3,379	23%	355	28%	2,303	26%	2,638	27%	4,237	25%
			Total	865	100%	7,081	100%	8,492	100%	14,818	100%	1,256	100%	8,931	100%	9,835	100%	16,849	100%
1f.	Come to class without completing readings or assignments	CLUNPREP	Never	117	13%	1,308	18%	1,494	18%	2,774	19%	154	12%	1,127	13%	1,218	12%	2,306	14%
			Sometimes	510	59%	4,096	58%	5,020	59%	8,683	59%	722	57%	4,906	55%	5,383	55%	9,408	56%
			Often	165	19%	1,197	17%	1,434	17%	2,399	16%	251	20%	1,954	22%	2,164	22%	3,484	21%
			Very often	75	9%	501	7%	564	7%	984	7%	129	10%	961	11%	1,084	11%	1,657	10%
			Total	867	100%	7,102	100%	8,512	100%	14,840	100%	1,256	100%	8,948	100%	9,849	100%	16,855	100%
1g.	Worked with other students on projects during class	CLASSGRP (ACL)	Never	99	11%	1,107	16%	1,309	15%	2,040	14%	142	11%	1,089	12%	1,286	13%	2,104	12%
			Sometimes	355	41%	3,242	46%	3,959	46%	6,585	44%	531	42%	4,143	46%	4,600	47%	7,349	44%
			Often	307	35%	2,092	29%	2,474	29%	4,686	32%	364	29%	2,518	28%	2,721	28%	4,909	29%
			Very often	106	12%	663	9%	776	9%	1,551	10%	220	18%	1,203	13%	1,248	13%	2,503	15%
			Total	867	100%	7,104	100%	8,518	100%	14,862	100%	1,257	100%	8,953	100%	9,855	100%	16,865	100%



**National Survey  
of Student Engagement**

**NSSE 2009 Engagement Item Frequency Distributions  
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	%
1h. Worked with classmates outside of class to prepare class assignments	OCCGRP (ACL)	Never	55	6%	608	9%	664	8%	1,689	11%	77	6%	471	5%	535	5%	1,114	7%
		Sometimes	312	36%	3,027	43%	3,780	44%	6,372	43%	385	31%	2,947	33%	3,297	33%	5,369	32%
		Often	347	40%	2,438	34%	2,906	34%	4,793	32%	406	32%	2,948	33%	3,264	33%	5,563	33%
		Very often	156	18%	1,047	15%	1,193	14%	2,041	14%	392	31%	2,607	29%	2,785	28%	4,861	29%
		Total	870	100%	7,120	100%	8,543	100%	14,895	100%	1,260	100%	8,973	100%	9,881	100%	16,907	100%
1i. Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS	Never	59	7%	357	5%	422	5%	871	6%	27	2%	189	2%	206	2%	475	3%
		Sometimes	327	39%	2,649	40%	3,261	40%	5,731	41%	332	27%	2,297	27%	2,528	27%	4,297	27%
		Often	329	40%	2,681	40%	3,200	40%	5,367	39%	494	40%	3,734	43%	4,124	44%	6,927	43%
		Very often	113	14%	1,014	15%	1,172	15%	1,970	14%	372	30%	2,368	28%	2,596	27%	4,476	28%
		Total	828	100%	6,701	100%	8,055	100%	13,939	100%	1,225	100%	8,588	100%	9,454	100%	16,175	100%
1j. Tutored or taught other students (paid or voluntary)	TUTOR (ACL)	Never	392	47%	3,253	48%	3,935	49%	6,901	49%	447	36%	3,710	43%	4,081	43%	7,119	44%
		Sometimes	293	35%	2,321	35%	2,835	35%	4,797	34%	482	39%	3,038	35%	3,340	35%	5,772	36%
		Often	102	12%	780	12%	898	11%	1,615	12%	159	13%	1,037	12%	1,195	13%	1,975	12%
		Very often	43	5%	355	5%	404	5%	666	5%	139	11%	814	9%	849	9%	1,352	8%
		Total	830	100%	6,709	100%	8,072	100%	13,979	100%	1,227	100%	8,599	100%	9,465	100%	16,218	100%
1k. Participated in a community-based project (e.g. service learning) as part of a regular course	COMMPROJ (ACL)	Never	533	64%	4,316	65%	5,405	67%	8,943	64%	735	60%	5,053	59%	5,609	60%	9,281	57%
		Sometimes	191	23%	1,471	22%	1,681	21%	3,236	23%	303	25%	2,294	27%	2,491	26%	4,462	28%
		Often	83	10%	582	9%	626	8%	1,168	8%	110	9%	749	9%	832	9%	1,506	9%
		Very often	21	3%	296	4%	304	4%	535	4%	73	6%	463	5%	490	5%	895	6%
		Total	828	100%	6,665	100%	8,016	100%	13,882	100%	1,221	100%	8,559	100%	9,422	100%	16,144	100%
1l. Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	ITACADEM (EEE)	Never	94	11%	752	11%	849	11%	1,674	12%	112	9%	765	9%	788	8%	1,598	10%
		Sometimes	241	29%	2,170	32%	2,601	32%	4,436	32%	301	25%	2,399	28%	2,555	27%	4,481	28%
		Often	235	28%	2,005	30%	2,433	30%	4,057	29%	332	27%	2,410	28%	2,743	29%	4,508	28%
		Very often	262	31%	1,792	27%	2,196	27%	3,820	27%	483	39%	3,023	35%	3,376	36%	5,638	35%
		Total	832	100%	6,719	100%	8,079	100%	13,987	100%	1,228	100%	8,597	100%	9,462	100%	16,225	100%
1m. Used e-mail to communicate with an instructor	EMAIL	Never	10	1%	69	1%	87	1%	176	1%	7	1%	40	0%	43	0%	78	0%
		Sometimes	154	19%	1,500	22%	1,813	22%	3,031	22%	175	14%	1,012	12%	1,104	12%	1,978	12%
		Often	325	39%	2,521	38%	3,031	38%	5,134	37%	386	31%	2,675	31%	2,947	31%	5,050	31%
		Very often	340	41%	2,622	39%	3,144	39%	5,628	40%	658	54%	4,869	57%	5,365	57%	9,106	56%
		Total	829	100%	6,712	100%	8,075	100%	13,969	100%	1,226	100%	8,596	100%	9,459	100%	16,212	100%
1n. Discussed grades or assignments with an instructor	FACGRADE (SFI)	Never	47	6%	637	10%	723	9%	1,297	9%	59	5%	469	5%	513	5%	872	5%
		Sometimes	348	42%	3,147	47%	3,849	48%	6,227	45%	438	36%	3,498	41%	3,884	41%	6,283	39%
		Often	277	33%	1,983	30%	2,379	30%	4,224	30%	400	33%	2,762	32%	3,028	32%	5,290	33%
		Very often	156	19%	929	14%	1,100	14%	2,206	16%	332	27%	1,860	22%	2,024	21%	3,757	23%
		Total	828	100%	6,696	100%	8,051	100%	13,954	100%	1,229	100%	8,589	100%	9,449	100%	16,202	100%

**NSSE 2009 Engagement Item Frequency Distributions  
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	%	
1o.	Talked about career plans with a faculty member or advisor	FACPLANS (SFI)	Never	182	22%	1,590	24%	1,930	24%	3,059	22%	215	17%	1,379	16%	1,571	17%	2,926	18%
			Sometimes	382	46%	3,195	48%	3,921	49%	6,575	47%	503	41%	3,982	46%	4,421	47%	7,184	44%
			Often	179	22%	1,414	21%	1,645	20%	3,067	22%	309	25%	2,074	24%	2,261	24%	3,918	24%
			Very often	86	10%	507	8%	567	7%	1,267	9%	202	16%	1,157	13%	1,207	13%	2,189	13%
			Total	829	100%	6,706	100%	8,063	100%	13,968	100%	1,229	100%	8,592	100%	9,460	100%	16,217	100%
1p.	Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS (SFI)	Never	337	41%	2,809	42%	3,439	43%	6,217	44%	380	31%	2,644	31%	2,942	31%	5,359	33%
			Sometimes	349	42%	2,732	41%	3,270	41%	5,363	38%	527	43%	3,924	46%	4,340	46%	7,111	44%
			Often	100	12%	887	13%	1,038	13%	1,743	12%	205	17%	1,426	17%	1,526	16%	2,561	16%
			Very often	43	5%	286	4%	326	4%	663	5%	117	10%	611	7%	666	7%	1,209	7%
			Total	829	100%	6,714	100%	8,073	100%	13,986	100%	1,229	100%	8,605	100%	9,474	100%	16,240	100%
1q.	Received prompt written or oral feedback from faculty on your academic performance	FACFEED (SFI)	Never	56	7%	498	8%	607	8%	1,164	9%	69	6%	436	5%	465	5%	989	6%
			Sometimes	309	38%	2,696	41%	3,250	41%	5,374	39%	434	36%	3,064	36%	3,344	36%	5,779	36%
			Often	346	42%	2,532	38%	3,073	39%	5,286	39%	497	41%	3,694	44%	4,122	44%	6,758	42%
			Very often	112	14%	851	13%	990	13%	1,864	14%	220	18%	1,297	15%	1,424	15%	2,491	16%
			Total	823	100%	6,577	100%	7,920	100%	13,688	100%	1,220	100%	8,491	100%	9,355	100%	16,017	100%
1r.	Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD (LAC)	Never	68	8%	599	9%	711	9%	1,160	8%	120	10%	713	8%	792	8%	1,297	8%
			Sometimes	308	37%	2,584	39%	3,141	40%	5,223	38%	406	33%	3,388	40%	3,752	40%	6,023	38%
			Often	309	38%	2,479	38%	2,946	37%	5,186	38%	452	37%	2,974	35%	3,297	35%	5,889	37%
			Very often	138	17%	913	14%	1,121	14%	2,112	15%	240	20%	1,415	17%	1,517	16%	2,809	18%
			Total	823	100%	6,575	100%	7,919	100%	13,681	100%	1,218	100%	8,490	100%	9,358	100%	16,018	100%
1s.	Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER (SFI)	Never	484	59%	4,044	62%	4,928	62%	8,502	62%	629	52%	3,995	47%	4,464	48%	8,017	50%
			Sometimes	215	26%	1,707	26%	2,039	26%	3,397	25%	352	29%	2,747	32%	3,057	33%	4,840	30%
			Often	84	10%	607	9%	705	9%	1,281	9%	143	12%	1,151	14%	1,206	13%	2,020	13%
			Very often	35	4%	198	3%	223	3%	461	3%	91	7%	579	7%	608	7%	1,110	7%
			Total	818	100%	6,556	100%	7,895	100%	13,641	100%	1,215	100%	8,472	100%	9,335	100%	15,987	100%
1t.	Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	OOCIDEAS (ACL)	Never	52	6%	283	4%	324	4%	733	5%	45	4%	271	3%	284	3%	611	4%
			Sometimes	300	37%	2,277	35%	2,736	35%	4,892	36%	347	29%	2,636	31%	2,851	31%	5,078	32%
			Often	291	35%	2,499	38%	3,012	38%	4,982	36%	488	40%	3,292	39%	3,591	38%	6,064	38%
			Very often	177	22%	1,516	23%	1,846	23%	3,071	22%	334	28%	2,286	27%	2,619	28%	4,261	27%
			Total	820	100%	6,575	100%	7,918	100%	13,678	100%	1,214	100%	8,485	100%	9,345	100%	16,014	100%
1u.	Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD (EEE)	Never	97	12%	793	12%	899	11%	1,840	13%	109	9%	807	9%	857	9%	1,743	11%
			Sometimes	255	31%	2,238	34%	2,690	34%	4,540	33%	347	29%	2,669	31%	2,902	31%	5,118	32%
			Often	246	30%	1,822	28%	2,220	28%	3,776	28%	348	29%	2,523	30%	2,782	30%	4,627	29%
			Very often	224	27%	1,727	26%	2,116	27%	3,538	26%	412	34%	2,500	29%	2,826	30%	4,556	28%
			Total	822	100%	6,580	100%	7,925	100%	13,694	100%	1,216	100%	8,499	100%	9,367	100%	16,044	100%



# National Survey of Student Engagement

## NSSE 2009 Engagement Item Frequency Distributions 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	%
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	69	8%	510	8%	607	8%	1,284	9%	76	6%	547	6%	595	6%	1,296	8%
		Sometimes	255	31%	2,117	32%	2,497	31%	4,435	32%	356	29%	2,597	31%	2,856	30%	5,040	31%
		Often	263	32%	2,056	31%	2,510	32%	4,143	30%	378	31%	2,795	33%	3,040	32%	4,961	31%
		Very often	237	29%	1,905	29%	2,320	29%	3,844	28%	408	33%	2,569	30%	2,880	31%	4,747	30%
		Total	824	100%	6,588	100%	7,934	100%	13,706	100%	1,218	100%	8,508	100%	9,371	100%	16,044	100%
2a. Coursework emphasizes: <b>Memorizing</b> facts, ideas, or methods from your courses and readings	MEMORIZE	Very little	39	5%	331	5%	394	5%	648	5%	96	8%	776	9%	843	9%	1,327	8%
		Some	176	22%	1,645	25%	2,002	25%	3,298	24%	297	24%	2,615	31%	2,853	31%	4,663	29%
		Quite a bit	341	42%	2,690	41%	3,261	41%	5,676	42%	433	36%	3,007	36%	3,341	36%	5,861	37%
		Very much	262	32%	1,889	29%	2,236	28%	4,006	29%	387	32%	2,046	24%	2,263	24%	4,075	26%
		Total	818	100%	6,555	100%	7,893	100%	13,628	100%	1,213	100%	8,444	100%	9,300	100%	15,926	100%
2b. Coursework emphasizes: <b>Analyzing</b> the basic elements of an idea, experience, or theory	ANALYZE (LAC)	Very little	10	1%	76	1%	96	1%	236	2%	16	1%	87	1%	98	1%	211	1%
		Some	124	15%	941	14%	1,068	14%	2,176	16%	141	12%	992	12%	1,061	11%	2,049	13%
		Quite a bit	335	41%	2,957	45%	3,620	46%	6,053	45%	450	37%	3,424	41%	3,817	41%	6,576	41%
		Very much	344	42%	2,552	39%	3,079	39%	5,087	38%	605	50%	3,906	46%	4,286	46%	7,049	44%
		Total	813	100%	6,526	100%	7,863	100%	13,552	100%	1,212	100%	8,409	100%	9,262	100%	15,885	100%
2c. Coursework emphasizes: <b>Synthesizing</b> and organizing ideas, information, or experiences	SYNTHESZ (LAC)	Very little	25	3%	203	3%	245	3%	525	4%	42	3%	260	3%	285	3%	589	4%
		Some	208	26%	1,647	25%	1,899	24%	3,453	25%	242	20%	1,653	20%	1,789	19%	3,358	21%
		Quite a bit	342	42%	2,805	43%	3,401	43%	5,727	42%	455	38%	3,359	40%	3,712	40%	6,420	40%
		Very much	237	29%	1,872	29%	2,313	29%	3,846	28%	468	39%	3,122	37%	3,470	37%	5,502	35%
		Total	812	100%	6,527	100%	7,858	100%	13,551	100%	1,207	100%	8,394	100%	9,256	100%	15,869	100%
2d. Coursework emphasizes: <b>Making judgments</b> about the value of information, arguments, or methods	EVALUATE (LAC)	Very little	44	5%	321	5%	382	5%	680	5%	74	6%	408	5%	447	5%	813	5%
		Some	205	25%	1,789	27%	2,159	27%	3,612	27%	273	23%	1,970	23%	2,192	24%	3,753	24%
		Quite a bit	345	42%	2,790	43%	3,338	42%	5,689	42%	440	36%	3,300	39%	3,692	40%	6,248	39%
		Very much	220	27%	1,635	25%	1,986	25%	3,585	26%	426	35%	2,745	33%	2,948	32%	5,079	32%
		Total	814	100%	6,535	100%	7,865	100%	13,566	100%	1,213	100%	8,423	100%	9,279	100%	15,893	100%
2e. Coursework emphasizes: <b>Applying</b> theories or concepts to practical problems or in new situations	APPLYING (LAC)	Very little	28	3%	184	3%	237	3%	468	3%	39	3%	260	3%	287	3%	473	3%
		Some	161	20%	1,284	20%	1,521	19%	2,688	20%	206	17%	1,396	17%	1,546	17%	2,667	17%
		Quite a bit	327	40%	2,587	40%	3,093	39%	5,307	39%	393	32%	3,000	36%	3,336	36%	5,707	36%
		Very much	301	37%	2,490	38%	3,031	38%	5,141	38%	575	47%	3,777	45%	4,120	44%	7,075	44%
		Total	817	100%	6,545	100%	7,882	100%	13,604	100%	1,213	100%	8,433	100%	9,289	100%	15,922	100%
3a. Number of assigned textbooks, books, or book-length packs of course readings	READASGN (LAC)	None	14	2%	74	1%	85	1%	177	1%	22	2%	117	1%	119	1%	283	2%
		1-4	174	21%	923	14%	1,072	14%	2,741	20%	375	31%	1,870	22%	2,034	22%	4,255	27%
		5-10	311	38%	2,692	41%	3,232	41%	5,767	42%	413	34%	3,117	37%	3,401	37%	5,961	38%
		11-20	204	25%	1,929	29%	2,397	30%	3,332	25%	212	17%	1,965	23%	2,218	24%	3,170	20%
		More than 20	111	14%	931	14%	1,092	14%	1,574	12%	190	16%	1,348	16%	1,507	16%	2,214	14%
		Total	814	100%	6,549	100%	7,878	100%	13,591	100%	1,212	100%	8,417	100%	9,279	100%	15,883	100%

**NSSE 2009 Engagement Item Frequency Distributions  
The University of Arizona**

	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	%		
3b.	Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN	None	202	25%	1,563	24%	1,829	23%	3,357	25%	246	20%	1,624	19%	1,750	19%	3,274	21%	
			1-4	442	55%	3,664	56%	4,453	57%	7,249	53%	642	53%	4,506	54%	4,959	54%	8,331	53%	
				5-10	116	14%	947	14%	1,145	15%	2,036	15%	197	16%	1,460	17%	1,659	18%	2,683	17%
				11-20	29	4%	212	3%	261	3%	525	4%	60	5%	461	5%	521	6%	864	5%
				More than 20	22	3%	160	2%	188	2%	414	3%	70	6%	356	4%	379	4%	712	4%
				<b>Total</b>	<b>811</b>	<b>100%</b>	<b>6,546</b>	<b>100%</b>	<b>7,876</b>	<b>100%</b>	<b>13,581</b>	<b>100%</b>	<b>1,215</b>	<b>100%</b>	<b>8,407</b>	<b>100%</b>	<b>9,268</b>	<b>100%</b>	<b>15,864</b>	<b>100%</b>
3c.	Number of written papers or reports of <b>20 pages or more</b>	WRITEMOR	None	642	79%	5,434	83%	6,659	85%	11,483	85%	686	57%	4,069	48%	4,731	51%	8,399	53%	
			(LAC)	1-4	120	15%	839	13%	925	12%	1,487	11%	422	35%	3,585	43%	3,757	41%	5,997	38%
				5-10	30	4%	165	3%	174	2%	377	3%	65	5%	516	6%	521	6%	991	6%
				11-20	5	1%	61	1%	71	1%	131	1%	18	1%	141	2%	157	2%	293	2%
				More than 20	13	2%	34	1%	39	0%	74	1%	19	2%	103	1%	108	1%	199	1%
				<b>Total</b>	<b>810</b>	<b>100%</b>	<b>6,533</b>	<b>100%</b>	<b>7,868</b>	<b>100%</b>	<b>13,552</b>	<b>100%</b>	<b>1,210</b>	<b>100%</b>	<b>8,414</b>	<b>100%</b>	<b>9,274</b>	<b>100%</b>	<b>15,879</b>	<b>100%</b>
3d.	Number of written papers or reports <b>between 5 and 19 pages</b>	WRITEMID	None	38	5%	837	13%	1,011	13%	2,101	16%	132	11%	608	7%	672	7%	1,665	10%	
			(LAC)	1-4	373	46%	3,534	54%	4,223	54%	7,407	55%	555	46%	3,463	41%	3,894	42%	7,123	45%
				5-10	296	36%	1,750	27%	2,102	27%	3,283	24%	346	29%	2,885	34%	3,177	34%	4,818	30%
				11-20	79	10%	339	5%	434	6%	619	5%	132	11%	1,083	13%	1,150	12%	1,657	10%
				More than 20	25	3%	72	1%	88	1%	138	1%	42	3%	368	4%	376	4%	599	4%
				<b>Total</b>	<b>811</b>	<b>100%</b>	<b>6,532</b>	<b>100%</b>	<b>7,858</b>	<b>100%</b>	<b>13,548</b>	<b>100%</b>	<b>1,207</b>	<b>100%</b>	<b>8,407</b>	<b>100%</b>	<b>9,269</b>	<b>100%</b>	<b>15,862</b>	<b>100%</b>
3e.	Number of written papers or reports of <b>fewer than 5 pages</b>	WRITESML	None	11	1%	150	2%	171	2%	430	3%	68	6%	348	4%	377	4%	897	6%	
			(LAC)	1-4	242	30%	1,933	30%	2,286	29%	4,816	35%	393	33%	2,509	30%	2,782	30%	5,384	34%
				5-10	240	30%	2,312	35%	2,790	35%	4,754	35%	338	28%	2,566	31%	2,883	31%	4,589	29%
				11-20	187	23%	1,443	22%	1,797	23%	2,437	18%	220	18%	1,731	21%	1,912	21%	2,869	18%
				More than 20	132	16%	707	11%	834	11%	1,139	8%	190	16%	1,254	15%	1,324	14%	2,137	13%
				<b>Total</b>	<b>812</b>	<b>100%</b>	<b>6,545</b>	<b>100%</b>	<b>7,878</b>	<b>100%</b>	<b>13,576</b>	<b>100%</b>	<b>1,209</b>	<b>100%</b>	<b>8,408</b>	<b>100%</b>	<b>9,278</b>	<b>100%</b>	<b>15,876</b>	<b>100%</b>
4a.	Number of problem sets that take you <b>more</b> than an hour to complete	PROBSETA	None	67	8%	756	12%	881	11%	1,509	11%	240	20%	2,128	25%	2,442	26%	3,453	22%	
				1-2	268	33%	2,330	36%	2,851	36%	4,904	36%	404	33%	2,661	32%	2,976	32%	5,106	32%
				3-4	279	34%	2,058	31%	2,488	32%	4,278	32%	307	25%	2,091	25%	2,243	24%	4,232	27%
				5-6	103	13%	691	11%	795	10%	1,406	10%	110	9%	643	8%	675	7%	1,273	8%
				More than 6	100	12%	701	11%	846	11%	1,450	11%	149	12%	850	10%	895	10%	1,755	11%
				<b>Total</b>	<b>817</b>	<b>100%</b>	<b>6,536</b>	<b>100%</b>	<b>7,861</b>	<b>100%</b>	<b>13,547</b>	<b>100%</b>	<b>1,210</b>	<b>100%</b>	<b>8,373</b>	<b>100%</b>	<b>9,231</b>	<b>100%</b>	<b>15,819</b>	<b>100%</b>
4b.	Number of problem sets that take you <b>less</b> than an hour to complete	PROBSETB	None	90	11%	1,107	17%	1,381	18%	1,797	13%	428	35%	3,196	38%	3,627	39%	5,140	33%	
				1-2	277	34%	2,454	38%	2,990	38%	5,057	37%	422	35%	2,829	34%	3,151	34%	5,626	36%
				3-4	216	27%	1,567	24%	1,832	23%	3,449	25%	200	17%	1,309	16%	1,371	15%	2,766	18%
				5-6	103	13%	620	10%	730	9%	1,428	11%	59	5%	451	5%	469	5%	973	6%
				More than 6	127	16%	772	12%	911	12%	1,815	13%	100	8%	591	7%	618	7%	1,296	8%
				<b>Total</b>	<b>813</b>	<b>100%</b>	<b>6,520</b>	<b>100%</b>	<b>7,844</b>	<b>100%</b>	<b>13,546</b>	<b>100%</b>	<b>1,209</b>	<b>100%</b>	<b>8,376</b>	<b>100%</b>	<b>9,236</b>	<b>100%</b>	<b>15,801</b>	<b>100%</b>





**National Survey  
of Student Engagement**

**NSSE 2009 Engagement Item Frequency Distributions  
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	%		
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	0%	32	0%	66	0%	21	2%	77	1%	85	1%	171	1%
			2		4	0%	52	1%	53	1%	115	1%	20	2%	156	2%	172	2%	274	2%
			3		35	4%	156	2%	170	2%	382	3%	46	4%	336	4%	354	4%	629	4%
			4		92	11%	558	9%	601	8%	1,324	10%	121	10%	998	12%	1,032	11%	1,806	11%
			5		236	29%	1,914	29%	2,141	27%	3,959	29%	342	28%	2,736	33%	2,979	32%	4,818	30%
			6		303	37%	2,616	40%	3,220	41%	5,178	38%	393	32%	2,854	34%	3,197	34%	5,355	34%
			7	Very much	142	17%	1,221	19%	1,668	21%	2,562	19%	272	22%	1,254	15%	1,454	16%	2,811	18%
			Total		817	100%	6,549	100%	7,885	100%	13,586	100%	1,215	100%	8,411	100%	9,273	100%	15,864	100%
6a.	Attended an art exhibit, play, dance, music, theater, or other performance	ATDART07	Never		209	26%	1,273	20%	1,451	19%	3,338	25%	365	30%	1,915	23%	2,065	22%	4,500	29%
			Sometimes		411	51%	3,403	53%	4,101	53%	6,391	48%	543	45%	4,146	50%	4,655	51%	7,424	47%
			Often		115	14%	1,200	19%	1,512	19%	2,403	18%	175	15%	1,411	17%	1,570	17%	2,431	15%
			Very often		71	9%	598	9%	734	9%	1,303	10%	123	10%	856	10%	903	10%	1,376	9%
			Total		806	100%	6,474	100%	7,798	100%	13,435	100%	1,206	100%	8,328	100%	9,193	100%	15,731	100%
6b.	Exercised or participated in physical fitness activities	EXRCSE05	Never		63	8%	469	7%	471	6%	1,274	9%	124	10%	638	8%	644	7%	1,523	10%
			Sometimes		209	26%	1,792	28%	2,074	27%	3,742	28%	369	31%	2,522	30%	2,760	30%	4,874	31%
			Often		246	30%	1,853	29%	2,334	30%	3,800	28%	307	25%	2,157	26%	2,395	26%	4,074	26%
			Very often		292	36%	2,361	36%	2,923	37%	4,610	34%	407	34%	3,011	36%	3,393	37%	5,246	33%
			Total		810	100%	6,475	100%	7,802	100%	13,426	100%	1,207	100%	8,328	100%	9,192	100%	15,717	100%
6c.	Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSHPO5	Never		401	50%	3,059	47%	3,382	43%	5,725	43%	556	46%	4,013	48%	4,087	45%	6,469	41%
			Sometimes		214	27%	1,742	27%	2,129	27%	3,580	27%	326	27%	2,343	28%	2,614	28%	4,402	28%
			Often		95	12%	811	13%	1,045	13%	1,885	14%	124	10%	921	11%	1,112	12%	2,118	13%
			Very often		97	12%	850	13%	1,231	16%	2,209	16%	197	16%	1,040	13%	1,359	15%	2,705	17%
			Total		807	100%	6,462	100%	7,787	100%	13,399	100%	1,203	100%	8,317	100%	9,172	100%	15,694	100%
6d.	Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW	Never		77	10%	561	9%	628	8%	1,230	9%	92	8%	577	7%	575	6%	1,164	7%
			Sometimes		330	41%	2,562	40%	3,055	39%	5,239	39%	415	34%	2,981	36%	3,197	35%	5,515	35%
			Often		263	33%	2,246	35%	2,736	35%	4,631	35%	397	33%	3,041	37%	3,452	38%	5,676	36%
			Very often		135	17%	1,088	17%	1,364	18%	2,295	17%	304	25%	1,703	21%	1,947	21%	3,334	21%
			Total		805	100%	6,457	100%	7,783	100%	13,395	100%	1,208	100%	8,302	100%	9,171	100%	15,689	100%
6e.	Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW	Never		50	6%	310	5%	364	5%	730	5%	52	4%	303	4%	311	3%	672	4%
			Sometimes		255	32%	2,157	33%	2,600	33%	4,526	34%	377	31%	2,542	31%	2,760	30%	4,830	31%
			Often		326	40%	2,622	40%	3,154	40%	5,223	39%	440	36%	3,387	41%	3,762	41%	6,226	40%
			Very often		177	22%	1,387	21%	1,676	22%	2,944	22%	337	28%	2,067	25%	2,326	25%	3,965	25%
			Total		808	100%	6,476	100%	7,794	100%	13,423	100%	1,206	100%	8,299	100%	9,159	100%	15,693	100%
6f.	Learned something that changed the way you understand an issue or concept	CHNGVIEW	Never		25	3%	158	2%	195	2%	434	3%	31	3%	193	2%	203	2%	448	3%
			Sometimes		259	32%	1,984	31%	2,408	31%	4,289	32%	373	31%	2,444	29%	2,695	29%	4,781	30%
			Often		335	42%	2,711	42%	3,225	41%	5,417	40%	450	37%	3,440	41%	3,801	41%	6,397	41%
			Very often		188	23%	1,631	25%	1,981	25%	3,295	25%	356	29%	2,259	27%	2,499	27%	4,101	26%
			Total		807	100%	6,484	100%	7,809	100%	13,435	100%	1,210	100%	8,336	100%	9,198	100%	15,727	100%





**National Survey  
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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)	Have not decided	91	11%	662	10%	773	10%	1,418	11%	93	8%	483	6%	552	6%	1,121	7%
		Do not plan to do	29	4%	181	3%	224	3%	407	3%	153	13%	1,104	13%	1,366	15%	2,340	15%
		Plan to do	624	78%	5,122	80%	6,200	80%	10,580	80%	277	23%	1,521	18%	1,647	18%	3,431	22%
		Done	52	7%	448	7%	529	7%	836	6%	677	56%	5,132	62%	5,531	61%	8,655	56%
	Total		796	100%	6,413	100%	7,726	100%	13,241	100%	1,200	100%	8,240	100%	9,096	100%	15,547	100%
7b. Community service or volunteer work	VOLNTR04 (EEE)	Have not decided	78	10%	646	10%	700	9%	1,390	11%	81	7%	574	7%	602	7%	1,284	8%
		Do not plan to do	31	4%	290	5%	313	4%	655	5%	174	15%	1,145	14%	1,218	13%	2,281	15%
		Plan to do	344	44%	2,786	44%	3,228	42%	5,647	43%	173	14%	886	11%	957	11%	1,990	13%
		Done	335	43%	2,664	42%	3,459	45%	5,511	42%	772	64%	5,599	68%	6,284	69%	9,934	64%
	Total		788	100%	6,386	100%	7,700	100%	13,203	100%	1,200	100%	8,204	100%	9,061	100%	15,489	100%
7c. Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04 (EEE)	Have not decided	272	35%	1,538	24%	1,957	25%	3,622	28%	156	13%	694	8%	773	9%	1,726	11%
		Do not plan to do	212	27%	1,840	29%	2,414	31%	3,522	27%	636	53%	4,464	54%	5,095	56%	8,212	53%
		Plan to do	214	27%	1,159	18%	1,371	18%	2,712	21%	96	8%	431	5%	480	5%	1,036	7%
		Done	90	11%	1,831	29%	1,936	25%	3,307	25%	304	26%	2,621	32%	2,721	30%	4,497	29%
	Total		788	100%	6,368	100%	7,678	100%	13,163	100%	1,192	100%	8,210	100%	9,069	100%	15,471	100%
7d. Work on a research project with a faculty member outside of course or program requirements	RESRCH04 (SFI)	Have not decided	272	34%	2,288	36%	2,779	36%	4,894	37%	172	14%	973	12%	1,046	12%	2,236	14%
		Do not plan to do	167	21%	1,202	19%	1,449	19%	2,884	22%	509	42%	4,062	49%	4,596	51%	7,778	50%
		Plan to do	301	38%	2,555	40%	3,087	40%	4,782	36%	191	16%	967	12%	1,018	11%	1,991	13%
		Done	53	7%	352	6%	397	5%	661	5%	328	27%	2,225	27%	2,427	27%	3,531	23%
	Total		793	100%	6,397	100%	7,712	100%	13,221	100%	1,200	100%	8,227	100%	9,087	100%	15,536	100%
7e. Foreign language coursework	FORLNG04 (EEE)	Have not decided	82	10%	878	14%	992	13%	2,226	17%	57	5%	347	4%	366	4%	891	6%
		Do not plan to do	127	16%	1,497	23%	1,640	21%	3,489	26%	291	24%	2,770	34%	2,920	32%	5,857	38%
		Plan to do	217	27%	1,907	30%	2,249	29%	4,156	31%	96	8%	486	6%	512	6%	1,147	7%
		Done	368	46%	2,122	33%	2,840	37%	3,356	25%	758	63%	4,637	56%	5,302	58%	7,657	49%
	Total		794	100%	6,404	100%	7,721	100%	13,227	100%	1,202	100%	8,240	100%	9,100	100%	15,552	100%
7f. Study abroad	STDABR04 (EEE)	Have not decided	205	26%	1,450	23%	1,746	23%	3,575	27%	137	11%	672	8%	732	8%	1,681	11%
		Do not plan to do	159	20%	975	15%	1,085	14%	2,646	20%	750	63%	4,558	55%	5,095	56%	9,489	61%
		Plan to do	402	51%	3,808	60%	4,718	61%	6,700	51%	110	9%	645	8%	711	8%	1,369	9%
		Done	22	3%	159	2%	159	2%	292	2%	203	17%	2,346	29%	2,536	28%	2,967	19%
	Total		788	100%	6,392	100%	7,708	100%	13,213	100%	1,200	100%	8,221	100%	9,074	100%	15,506	100%
7g. Independent study or self-designed major	INDSTD04 (EEE)	Have not decided	254	32%	1,992	31%	2,424	32%	4,195	32%	117	10%	656	8%	714	8%	1,615	10%
		Do not plan to do	393	50%	3,405	53%	4,153	54%	6,917	52%	709	60%	5,639	69%	6,399	71%	10,496	68%
		Plan to do	123	16%	830	13%	961	12%	1,750	13%	94	8%	488	6%	513	6%	1,117	7%
		Done	22	3%	145	2%	151	2%	327	2%	270	23%	1,422	17%	1,432	16%	2,264	15%
	Total		792	100%	6,372	100%	7,689	100%	13,189	100%	1,190	100%	8,205	100%	9,058	100%	15,492	100%



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			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	%
7h. Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)	SNRX04 (EEE)	Have not decided	304	38%	2,579	40%	3,306	43%	5,459	41%	121	10%	635	8%	709	8%	1,468	9%
		Do not plan to do	81	10%	675	11%	837	11%	1,620	12%	370	31%	2,758	33%	3,455	38%	4,653	30%
		Plan to do	398	50%	3,042	47%	3,460	45%	5,943	45%	312	26%	1,921	23%	1,919	21%	4,352	28%
		Done	11	1%	109	2%	115	1%	215	2%	398	33%	2,932	36%	3,021	33%	5,089	33%
	Total		794	100%	6,405	100%	7,718	100%	13,237	100%	1,201	100%	8,246	100%	9,104	100%	15,562	100%
8a. Quality of relationships with other students	ENVSTU (SCE)	1 Unfriendly, Unsupportive, Sense of alienation	12	2%	66	1%	66	1%	142	1%	10	1%	76	1%	80	1%	144	1%
		2	21	3%	146	2%	157	2%	312	2%	26	2%	199	2%	210	2%	373	2%
		3	51	6%	321	5%	355	5%	684	5%	51	4%	398	5%	420	5%	742	5%
		4	86	11%	744	12%	826	11%	1,601	12%	151	13%	914	11%	915	10%	1,744	11%
		5	188	24%	1,450	23%	1,748	23%	2,975	23%	257	21%	1,776	22%	1,880	21%	3,317	21%
		6	263	33%	2,139	33%	2,647	34%	4,333	33%	390	33%	2,830	34%	3,160	35%	5,116	33%
		7 Friendly, Supportive, Sense of belonging	174	22%	1,536	24%	1,916	25%	3,170	24%	315	26%	2,049	25%	2,436	27%	4,090	26%
		Total		795	100%	6,402	100%	7,715	100%	13,217	100%	1,200	100%	8,242	100%	9,101	100%	15,526
8b. Quality of relationships with faculty members	ENVFAC (SCE)	1 Unavailable, Unhelpful, Unsympathetic	15	2%	35	1%	39	1%	102	1%	16	1%	77	1%	82	1%	186	1%
		2	31	4%	165	3%	201	3%	386	3%	43	4%	223	3%	262	3%	512	3%
		3	52	7%	452	7%	534	7%	1,011	8%	74	6%	476	6%	545	6%	983	6%
		4	169	21%	1,274	20%	1,558	20%	2,726	21%	175	15%	1,278	16%	1,410	15%	2,456	16%
		5	250	32%	2,043	32%	2,488	32%	4,040	31%	347	29%	2,455	30%	2,728	30%	4,373	28%
		6	194	24%	1,744	27%	2,110	27%	3,453	26%	314	26%	2,472	30%	2,747	30%	4,568	29%
		7 Available, Helpful, Sympathetic	82	10%	685	11%	787	10%	1,497	11%	230	19%	1,259	15%	1,327	15%	2,450	16%
		Total		793	100%	6,398	100%	7,717	100%	13,215	100%	1,199	100%	8,240	100%	9,101	100%	15,528
8c. Quality of relationships with administrative personnel and offices	ENVADM (SCE)	1 Unhelpful, Inconsiderate, Rigid	29	4%	158	2%	175	2%	393	3%	43	4%	350	4%	369	4%	802	5%
		2	46	6%	353	6%	424	6%	814	6%	80	7%	698	8%	762	8%	1,410	9%
		3	88	11%	689	11%	839	11%	1,455	11%	130	11%	1,031	13%	1,104	12%	1,889	12%
		4	216	27%	1,704	27%	2,054	27%	3,452	26%	280	23%	1,884	23%	2,075	23%	3,409	22%
		5	200	25%	1,586	25%	1,954	25%	3,239	25%	239	20%	1,907	23%	2,166	24%	3,499	23%
		6	128	16%	1,290	20%	1,547	20%	2,551	19%	266	22%	1,527	19%	1,725	19%	2,872	19%
		7 Helpful, Considerate, Flexible	86	11%	609	10%	713	9%	1,306	10%	161	13%	841	10%	897	10%	1,640	11%
		Total		793	100%	6,389	100%	7,706	100%	13,210	100%	1,199	100%	8,238	100%	9,098	100%	15,521



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			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	6	1%	17	0%	20	0%	48	0%	4	0%	22	0%	26	0%	58	0%
		1-5 hrs/wk	83	11%	466	7%	498	6%	1,376	10%	175	15%	990	12%	1,021	11%	2,277	15%
		6-10 hrs/wk	161	20%	1,221	19%	1,356	18%	2,891	22%	284	24%	1,783	22%	1,959	22%	3,595	23%
		11-15 hrs/wk	196	25%	1,484	23%	1,745	23%	3,037	23%	255	21%	1,728	21%	1,888	21%	3,075	20%
		16-20 hrs/wk	149	19%	1,386	22%	1,682	22%	2,617	20%	171	14%	1,445	18%	1,677	19%	2,636	17%
		21-25 hrs/wk	91	12%	866	14%	1,142	15%	1,574	12%	132	11%	933	11%	1,045	12%	1,584	10%
		26-30 hrs/wk	52	7%	491	8%	656	9%	823	6%	70	6%	544	7%	614	7%	925	6%
		30+ hrs/wk	48	6%	420	7%	566	7%	750	6%	106	9%	728	9%	805	9%	1,276	8%
	<b>Total</b>		<b>786</b>	<b>100%</b>	<b>6,351</b>	<b>100%</b>	<b>7,665</b>	<b>100%</b>	<b>13,116</b>	<b>100%</b>	<b>1,197</b>	<b>100%</b>	<b>8,173</b>	<b>100%</b>	<b>9,035</b>	<b>100%</b>	<b>15,426</b>	<b>100%</b>
9b. Working for pay on campus	WORKON01	0 hrs/wk	658	84%	5,054	80%	6,272	82%	11,004	84%	840	70%	5,109	62%	5,819	64%	10,964	71%
		1-5 hrs/wk	16	2%	216	3%	243	3%	310	2%	41	3%	427	5%	418	5%	566	4%
		6-10 hrs/wk	40	5%	491	8%	516	7%	678	5%	76	6%	898	11%	898	10%	1,150	7%
		11-15 hrs/wk	34	4%	353	6%	388	5%	598	5%	83	7%	804	10%	849	9%	1,079	7%
		16-20 hrs/wk	18	2%	166	3%	179	2%	349	3%	79	7%	570	7%	639	7%	973	6%
		21-25 hrs/wk	11	1%	35	1%	42	1%	102	1%	32	3%	173	2%	201	2%	297	2%
		26-30 hrs/wk	3	0%	12	0%	13	0%	21	0%	18	2%	74	1%	83	1%	135	1%
		30+ hrs/wk	4	1%	24	0%	14	0%	51	0%	26	2%	121	1%	125	1%	260	2%
	<b>Total</b>		<b>784</b>	<b>100%</b>	<b>6,351</b>	<b>100%</b>	<b>7,667</b>	<b>100%</b>	<b>13,113</b>	<b>100%</b>	<b>1,195</b>	<b>100%</b>	<b>8,176</b>	<b>100%</b>	<b>9,032</b>	<b>100%</b>	<b>15,424</b>	<b>100%</b>
9c. Working for pay off campus	WORKOF01	0 hrs/wk	610	78%	5,208	82%	6,387	84%	9,664	74%	614	51%	4,761	58%	5,156	57%	7,376	48%
		1-5 hrs/wk	26	3%	288	5%	346	5%	631	5%	73	6%	530	6%	591	7%	845	5%
		6-10 hrs/wk	25	3%	273	4%	309	4%	663	5%	82	7%	599	7%	696	8%	1,095	7%
		11-15 hrs/wk	33	4%	225	4%	248	3%	634	5%	111	9%	651	8%	769	9%	1,234	8%
		16-20 hrs/wk	37	5%	186	3%	205	3%	661	5%	92	8%	670	8%	773	9%	1,513	10%
		21-25 hrs/wk	24	3%	70	1%	80	1%	366	3%	80	7%	423	5%	465	5%	1,138	7%
		26-30 hrs/wk	18	2%	27	0%	29	0%	183	1%	46	4%	181	2%	206	2%	643	4%
		30+ hrs/wk	14	2%	58	1%	37	0%	303	2%	97	8%	350	4%	370	4%	1,579	10%
	<b>Total</b>		<b>787</b>	<b>100%</b>	<b>6,335</b>	<b>100%</b>	<b>7,641</b>	<b>100%</b>	<b>13,105</b>	<b>100%</b>	<b>1,195</b>	<b>100%</b>	<b>8,165</b>	<b>100%</b>	<b>9,026</b>	<b>100%</b>	<b>15,423</b>	<b>100%</b>
9d. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01 (EEE)	0 hrs/wk	259	33%	1,775	28%	1,889	25%	4,516	34%	553	46%	2,698	33%	2,863	32%	6,315	41%
		1-5 hrs/wk	249	32%	2,312	36%	2,855	37%	4,364	33%	295	25%	2,529	31%	2,821	31%	4,588	30%
		6-10 hrs/wk	120	15%	1,075	17%	1,379	18%	1,990	15%	173	14%	1,285	16%	1,466	16%	2,062	13%
		11-15 hrs/wk	65	8%	535	8%	730	10%	1,049	8%	85	7%	720	9%	832	9%	1,077	7%
		16-20 hrs/wk	38	5%	325	5%	398	5%	602	5%	43	4%	419	5%	448	5%	630	4%
		21-25 hrs/wk	22	3%	149	2%	186	2%	279	2%	23	2%	239	3%	257	3%	331	2%
		26-30 hrs/wk	8	1%	80	1%	85	1%	119	1%	7	1%	109	1%	136	2%	146	1%
		30+ hrs/wk	25	3%	98	2%	143	2%	204	2%	16	1%	180	2%	214	2%	283	2%
	<b>Total</b>		<b>786</b>	<b>100%</b>	<b>6,349</b>	<b>100%</b>	<b>7,665</b>	<b>100%</b>	<b>13,123</b>	<b>100%</b>	<b>1,195</b>	<b>100%</b>	<b>8,179</b>	<b>100%</b>	<b>9,037</b>	<b>100%</b>	<b>15,432</b>	<b>100%</b>



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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	%
9e. Relaxing and socializing (watching TV, partying, etc.)	SOCIAL05	0 hrs/wk	8	1%	39	1%	45	1%	91	1%	13	1%	74	1%	82	1%	162	1%
		1-5 hrs/wk	155	20%	1,094	17%	1,345	18%	2,481	19%	284	24%	1,511	19%	1,704	19%	3,487	23%
		6-10 hrs/wk	220	28%	1,864	29%	2,309	30%	3,832	29%	378	32%	2,384	29%	2,688	30%	4,687	30%
		11-15 hrs/wk	172	22%	1,455	23%	1,763	23%	2,965	23%	256	22%	1,885	23%	2,094	23%	3,308	22%
		16-20 hrs/wk	110	14%	959	15%	1,116	15%	1,859	14%	136	11%	1,142	14%	1,235	14%	1,892	12%
		21-25 hrs/wk	49	6%	396	6%	496	6%	825	6%	55	5%	521	6%	580	6%	836	5%
		26-30 hrs/wk	26	3%	194	3%	214	3%	350	3%	26	2%	250	3%	241	3%	371	2%
		30+ hrs/wk	46	6%	318	5%	345	5%	650	5%	42	4%	373	5%	376	4%	630	4%
	<b>Total</b>		<b>786</b>	<b>100%</b>	<b>6,319</b>	<b>100%</b>	<b>7,633</b>	<b>100%</b>	<b>13,053</b>	<b>100%</b>	<b>1,190</b>	<b>100%</b>	<b>8,140</b>	<b>100%</b>	<b>9,000</b>	<b>100%</b>	<b>15,373</b>	<b>100%</b>
9f. Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01	0 hrs/wk	602	77%	5,440	86%	6,717	88%	10,403	80%	831	70%	6,555	81%	7,296	81%	10,818	70%
		1-5 hrs/wk	103	13%	444	7%	487	6%	1,360	10%	138	12%	719	9%	784	9%	1,748	11%
		6-10 hrs/wk	40	5%	156	2%	159	2%	508	4%	68	6%	312	4%	333	4%	857	6%
		11-15 hrs/wk	20	3%	126	2%	123	2%	310	2%	35	3%	140	2%	152	2%	450	3%
		16-20 hrs/wk	8	1%	58	1%	64	1%	157	1%	33	3%	108	1%	111	1%	342	2%
		21-25 hrs/wk	1	0%	29	0%	24	0%	80	1%	10	1%	50	1%	51	1%	166	1%
		26-30 hrs/wk	1	0%	11	0%	9	0%	39	0%	6	1%	30	0%	34	0%	114	1%
		30+ hrs/wk	11	1%	45	1%	36	0%	173	1%	66	6%	218	3%	231	3%	855	6%
	<b>Total</b>		<b>786</b>	<b>100%</b>	<b>6,309</b>	<b>100%</b>	<b>7,619</b>	<b>100%</b>	<b>13,030</b>	<b>100%</b>	<b>1,187</b>	<b>100%</b>	<b>8,132</b>	<b>100%</b>	<b>8,992</b>	<b>100%</b>	<b>15,350</b>	<b>100%</b>
9g. Commuting to class (driving, walking, etc.)	COMMUTE	0 hrs/wk	37	5%	465	7%	486	6%	921	7%	22	2%	438	5%	382	4%	650	4%
		1-5 hrs/wk	522	66%	4,408	70%	5,436	71%	8,705	67%	762	64%	5,611	69%	6,291	70%	10,183	66%
		6-10 hrs/wk	131	17%	997	16%	1,216	16%	2,330	18%	283	24%	1,532	19%	1,723	19%	3,199	21%
		11-15 hrs/wk	57	7%	270	4%	293	4%	646	5%	76	6%	379	5%	405	4%	852	6%
		16-20 hrs/wk	20	3%	108	2%	128	2%	257	2%	32	3%	103	1%	113	1%	257	2%
		21-25 hrs/wk	6	1%	36	1%	39	1%	93	1%	6	1%	34	0%	40	0%	95	1%
		26-30 hrs/wk	4	1%	12	0%	12	0%	30	0%	3	0%	9	0%	12	0%	40	0%
		30+ hrs/wk	8	1%	36	1%	38	0%	91	1%	10	1%	52	1%	49	1%	121	1%
	<b>Total</b>		<b>785</b>	<b>100%</b>	<b>6,332</b>	<b>100%</b>	<b>7,648</b>	<b>100%</b>	<b>13,073</b>	<b>100%</b>	<b>1,194</b>	<b>100%</b>	<b>8,158</b>	<b>100%</b>	<b>9,015</b>	<b>100%</b>	<b>15,397</b>	<b>100%</b>
10a. Spending significant amounts of time studying and on academic work	ENVSCHOL (LAC)	Very little	13	2%	90	1%	92	1%	199	2%	32	3%	176	2%	162	2%	335	2%
		Some	110	14%	888	14%	960	13%	1,951	15%	207	17%	1,509	19%	1,524	17%	2,680	18%
		Quite a bit	366	47%	2,934	47%	3,448	45%	5,873	45%	518	43%	3,741	46%	4,088	46%	6,975	46%
		Very much	292	37%	2,370	38%	3,088	41%	4,917	38%	434	36%	2,667	33%	3,179	36%	5,275	35%
	<b>Total</b>		<b>781</b>	<b>100%</b>	<b>6,282</b>	<b>100%</b>	<b>7,588</b>	<b>100%</b>	<b>12,940</b>	<b>100%</b>	<b>1,191</b>	<b>100%</b>	<b>8,093</b>	<b>100%</b>	<b>8,953</b>	<b>100%</b>	<b>15,265</b>	<b>100%</b>
10b. Providing the support you need to help you succeed academically	ENVSUPRT (SCE)	Very little	23	3%	155	2%	179	2%	340	3%	86	7%	419	5%	452	5%	854	6%
		Some	185	24%	1,149	18%	1,357	18%	2,485	19%	323	27%	2,167	27%	2,313	26%	4,064	27%
		Quite a bit	356	46%	2,876	46%	3,497	46%	5,836	45%	491	41%	3,661	45%	4,001	45%	6,720	44%
		Very much	217	28%	2,085	33%	2,537	34%	4,231	33%	286	24%	1,827	23%	2,162	24%	3,580	24%
	<b>Total</b>		<b>781</b>	<b>100%</b>	<b>6,265</b>	<b>100%</b>	<b>7,570</b>	<b>100%</b>	<b>12,892</b>	<b>100%</b>	<b>1,186</b>	<b>100%</b>	<b>8,074</b>	<b>100%</b>	<b>8,928</b>	<b>100%</b>	<b>15,218</b>	<b>100%</b>



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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	110	14%	622	10%	688	9%	1,301	10%	238	20%	1,494	19%	1,488	17%	2,740	18%
		Some	270	35%	1,820	29%	2,157	29%	3,811	30%	443	37%	2,693	33%	2,904	33%	5,152	34%
		Quite a bit	237	30%	2,151	34%	2,601	34%	4,356	34%	282	24%	2,351	29%	2,665	30%	4,411	29%
		Very much	161	21%	1,659	27%	2,106	28%	3,409	26%	224	19%	1,533	19%	1,872	21%	2,908	19%
		<b>Total</b>	<b>778</b>	<b>100%</b>	<b>6,252</b>	<b>100%</b>	<b>7,552</b>	<b>100%</b>	<b>12,877</b>	<b>100%</b>	<b>1,187</b>	<b>100%</b>	<b>8,071</b>	<b>100%</b>	<b>8,929</b>	<b>100%</b>	<b>15,211</b>	<b>100%</b>
10d. Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD (SCE)	Very little	241	31%	1,460	23%	1,746	23%	3,196	25%	516	44%	3,068	38%	3,245	36%	6,083	40%
		Some	297	38%	2,516	40%	3,139	42%	5,048	39%	430	36%	3,223	40%	3,646	41%	5,796	38%
		Quite a bit	175	22%	1,621	26%	1,888	25%	3,230	25%	152	13%	1,339	17%	1,493	17%	2,371	16%
		Very much	67	9%	665	11%	790	10%	1,433	11%	85	7%	435	5%	538	6%	973	6%
		<b>Total</b>	<b>780</b>	<b>100%</b>	<b>6,262</b>	<b>100%</b>	<b>7,563</b>	<b>100%</b>	<b>12,907</b>	<b>100%</b>	<b>1,183</b>	<b>100%</b>	<b>8,065</b>	<b>100%</b>	<b>8,922</b>	<b>100%</b>	<b>15,223</b>	<b>100%</b>
10e. Providing the support you need to thrive socially	ENVSOCAL (SCE)	Very little	143	18%	860	14%	998	13%	1,948	15%	340	29%	1,859	23%	1,927	22%	3,801	25%
		Some	292	38%	2,181	35%	2,675	35%	4,539	35%	471	40%	3,292	41%	3,551	40%	6,131	40%
		Quite a bit	251	32%	2,257	36%	2,699	36%	4,390	34%	261	22%	2,196	27%	2,525	28%	3,844	25%
		Very much	87	11%	950	15%	1,171	16%	1,994	15%	110	9%	702	9%	905	10%	1,388	9%
		<b>Total</b>	<b>773</b>	<b>100%</b>	<b>6,248</b>	<b>100%</b>	<b>7,543</b>	<b>100%</b>	<b>12,871</b>	<b>100%</b>	<b>1,182</b>	<b>100%</b>	<b>8,049</b>	<b>100%</b>	<b>8,908</b>	<b>100%</b>	<b>15,164</b>	<b>100%</b>
10f. Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	ENVEVENT	Very little	59	8%	311	5%	321	4%	780	6%	143	12%	553	7%	588	7%	1,593	10%
		Some	225	29%	1,462	23%	1,696	22%	3,134	24%	382	32%	2,346	29%	2,402	27%	4,502	30%
		Quite a bit	323	41%	2,617	42%	3,198	42%	5,158	40%	418	35%	3,288	41%	3,624	41%	5,788	38%
		Very much	174	22%	1,878	30%	2,351	31%	3,831	30%	244	21%	1,879	23%	2,304	26%	3,314	22%
		<b>Total</b>	<b>781</b>	<b>100%</b>	<b>6,268</b>	<b>100%</b>	<b>7,566</b>	<b>100%</b>	<b>12,903</b>	<b>100%</b>	<b>1,187</b>	<b>100%</b>	<b>8,066</b>	<b>100%</b>	<b>8,918</b>	<b>100%</b>	<b>15,197</b>	<b>100%</b>
10g. Using computers in academic work	ENVCOMPT	Very little	5	1%	111	2%	105	1%	218	2%	18	2%	122	2%	114	1%	243	2%
		Some	71	9%	714	11%	779	10%	1,476	11%	86	7%	687	9%	696	8%	1,245	8%
		Quite a bit	207	27%	2,185	35%	2,510	33%	4,279	33%	307	26%	2,222	28%	2,410	27%	4,230	28%
		Very much	498	64%	3,261	52%	4,180	55%	6,946	54%	778	65%	5,047	62%	5,722	64%	9,523	62%
		<b>Total</b>	<b>781</b>	<b>100%</b>	<b>6,271</b>	<b>100%</b>	<b>7,574</b>	<b>100%</b>	<b>12,919</b>	<b>100%</b>	<b>1,189</b>	<b>100%</b>	<b>8,078</b>	<b>100%</b>	<b>8,942</b>	<b>100%</b>	<b>15,241</b>	<b>100%</b>
11a. Acquiring a broad general education	NGENLED	Very little	19	2%	126	2%	133	2%	277	2%	39	3%	186	2%	194	2%	413	3%
		Some	118	15%	913	15%	987	13%	1,967	15%	205	17%	1,259	16%	1,264	14%	2,415	16%
		Quite a bit	367	48%	2,761	45%	3,247	43%	5,681	45%	444	38%	3,160	40%	3,333	38%	5,917	39%
		Very much	266	35%	2,392	39%	3,112	42%	4,794	38%	490	42%	3,392	42%	4,056	46%	6,302	42%
		<b>Total</b>	<b>770</b>	<b>100%</b>	<b>6,192</b>	<b>100%</b>	<b>7,479</b>	<b>100%</b>	<b>12,719</b>	<b>100%</b>	<b>1,178</b>	<b>100%</b>	<b>7,997</b>	<b>100%</b>	<b>8,847</b>	<b>100%</b>	<b>15,047</b>	<b>100%</b>
11b. Acquiring job or work-related knowledge and skills	GNWORK	Very little	90	12%	490	8%	601	8%	1,096	9%	100	8%	620	8%	695	8%	1,082	7%
		Some	252	33%	1,788	29%	2,207	30%	3,654	29%	265	22%	1,955	24%	2,245	25%	3,402	23%
		Quite a bit	273	36%	2,288	37%	2,736	37%	4,679	37%	410	35%	2,631	33%	2,879	33%	5,099	34%
		Very much	152	20%	1,624	26%	1,927	26%	3,282	26%	406	34%	2,774	35%	3,011	34%	5,452	36%
		<b>Total</b>	<b>767</b>	<b>100%</b>	<b>6,190</b>	<b>100%</b>	<b>7,471</b>	<b>100%</b>	<b>12,711</b>	<b>100%</b>	<b>1,181</b>	<b>100%</b>	<b>7,980</b>	<b>100%</b>	<b>8,830</b>	<b>100%</b>	<b>15,035</b>	<b>100%</b>



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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	%
11c. Writing clearly and effectively	GNWRITE	Very little	32	4%	339	5%	405	5%	721	6%	54	5%	320	4%	330	4%	669	4%
		Some	193	25%	1,576	25%	1,862	25%	3,117	24%	260	22%	1,717	21%	1,836	21%	3,323	22%
		Quite a bit	333	43%	2,515	41%	3,014	40%	5,189	41%	445	38%	3,154	39%	3,491	39%	6,025	40%
		Very much	210	27%	1,762	28%	2,196	29%	3,696	29%	422	36%	2,800	35%	3,183	36%	5,035	33%
		<b>Total</b>		<b>768</b>	<b>100%</b>	<b>6,192</b>	<b>100%</b>	<b>7,477</b>	<b>100%</b>	<b>12,723</b>	<b>100%</b>	<b>1,181</b>	<b>100%</b>	<b>7,991</b>	<b>100%</b>	<b>8,840</b>	<b>100%</b>	<b>15,052</b>
11d. Speaking clearly and effectively	GNSPEAK	Very little	87	11%	742	12%	846	11%	1,351	11%	103	9%	628	8%	691	8%	1,109	7%
		Some	259	34%	1,995	32%	2,373	32%	3,850	30%	299	25%	2,161	27%	2,363	27%	3,925	26%
		Quite a bit	263	34%	2,097	34%	2,597	35%	4,549	36%	399	34%	2,853	36%	3,188	36%	5,593	37%
		Very much	160	21%	1,342	22%	1,638	22%	2,926	23%	376	32%	2,330	29%	2,578	29%	4,379	29%
		<b>Total</b>		<b>769</b>	<b>100%</b>	<b>6,176</b>	<b>100%</b>	<b>7,454</b>	<b>100%</b>	<b>12,676</b>	<b>100%</b>	<b>1,177</b>	<b>100%</b>	<b>7,972</b>	<b>100%</b>	<b>8,820</b>	<b>100%</b>	<b>15,006</b>
11e. Thinking critically and analytically	GNANALY	Very little	12	2%	111	2%	125	2%	251	2%	36	3%	120	2%	130	1%	292	2%
		Some	136	18%	813	13%	943	13%	1,799	14%	143	12%	865	11%	894	10%	1,706	11%
		Quite a bit	333	43%	2,568	42%	3,061	41%	5,336	42%	396	34%	2,840	36%	3,087	35%	5,507	37%
		Very much	288	37%	2,689	44%	3,342	45%	5,320	42%	597	51%	4,149	52%	4,713	53%	7,513	50%
		<b>Total</b>		<b>769</b>	<b>100%</b>	<b>6,181</b>	<b>100%</b>	<b>7,471</b>	<b>100%</b>	<b>12,706</b>	<b>100%</b>	<b>1,172</b>	<b>100%</b>	<b>7,974</b>	<b>100%</b>	<b>8,824</b>	<b>100%</b>	<b>15,018</b>
11f. Analyzing quantitative problems	GNQUANT	Very little	47	6%	286	5%	301	4%	561	4%	64	5%	446	6%	454	5%	726	5%
		Some	195	25%	1,339	22%	1,591	21%	2,733	22%	239	20%	1,770	22%	1,938	22%	3,153	21%
		Quite a bit	307	40%	2,461	40%	2,952	40%	5,145	41%	402	34%	2,746	35%	3,028	34%	5,403	36%
		Very much	219	29%	2,072	34%	2,597	35%	4,217	33%	470	40%	2,995	38%	3,388	38%	5,710	38%
		<b>Total</b>		<b>768</b>	<b>100%</b>	<b>6,158</b>	<b>100%</b>	<b>7,441</b>	<b>100%</b>	<b>12,656</b>	<b>100%</b>	<b>1,175</b>	<b>100%</b>	<b>7,957</b>	<b>100%</b>	<b>8,808</b>	<b>100%</b>	<b>14,992</b>
11g. Using computing and information technology	GNCMPTS	Very little	41	5%	362	6%	387	5%	611	5%	42	4%	348	4%	354	4%	577	4%
		Some	157	20%	1,345	22%	1,554	21%	2,573	20%	198	17%	1,485	19%	1,587	18%	2,524	17%
		Quite a bit	294	38%	2,332	38%	2,840	38%	4,817	38%	380	32%	2,739	34%	3,065	35%	5,141	34%
		Very much	278	36%	2,148	35%	2,690	36%	4,712	37%	559	47%	3,420	43%	3,839	43%	6,806	45%
		<b>Total</b>		<b>770</b>	<b>100%</b>	<b>6,187</b>	<b>100%</b>	<b>7,471</b>	<b>100%</b>	<b>12,713</b>	<b>100%</b>	<b>1,179</b>	<b>100%</b>	<b>7,992</b>	<b>100%</b>	<b>8,845</b>	<b>100%</b>	<b>15,048</b>
11h. Working effectively with others	GNOTHERS	Very little	32	4%	294	5%	337	5%	626	5%	61	5%	300	4%	325	4%	600	4%
		Some	176	23%	1,563	25%	1,841	25%	3,113	24%	238	20%	1,599	20%	1,709	19%	2,856	19%
		Quite a bit	320	42%	2,406	39%	2,905	39%	4,963	39%	411	35%	2,954	37%	3,223	36%	5,530	37%
		Very much	236	31%	1,935	31%	2,402	32%	4,031	32%	469	40%	3,138	39%	3,582	41%	6,075	40%
		<b>Total</b>		<b>764</b>	<b>100%</b>	<b>6,198</b>	<b>100%</b>	<b>7,485</b>	<b>100%</b>	<b>12,733</b>	<b>100%</b>	<b>1,179</b>	<b>100%</b>	<b>7,991</b>	<b>100%</b>	<b>8,839</b>	<b>100%</b>	<b>15,061</b>
11i. Voting in local, state, or national elections	GNCITIZN	Very little	121	16%	940	15%	1,039	14%	2,007	16%	317	27%	1,878	24%	1,865	21%	3,945	26%
		Some	226	30%	1,495	25%	1,714	23%	3,185	25%	347	30%	2,351	30%	2,514	29%	4,407	30%
		Quite a bit	204	27%	1,798	29%	2,176	30%	3,606	29%	283	24%	2,039	26%	2,381	27%	3,636	24%
		Very much	211	28%	1,862	31%	2,432	33%	3,716	30%	221	19%	1,649	21%	2,004	23%	2,910	20%
		<b>Total</b>		<b>762</b>	<b>100%</b>	<b>6,095</b>	<b>100%</b>	<b>7,361</b>	<b>100%</b>	<b>12,514</b>	<b>100%</b>	<b>1,168</b>	<b>100%</b>	<b>7,917</b>	<b>100%</b>	<b>8,764</b>	<b>100%</b>	<b>14,898</b>





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**NSSE 2009 Engagement Item Frequency Distributions  
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	%
11j. Learning effectively on your own	GNINQ	Very little	31	4%	221	4%	260	4%	526	4%	80	7%	398	5%	411	5%	840	6%
		Some	192	25%	1,242	20%	1,452	20%	2,613	21%	229	20%	1,523	19%	1,582	18%	2,963	20%
		Quite a bit	331	43%	2,643	43%	3,130	43%	5,362	43%	451	39%	3,249	41%	3,553	41%	5,956	40%
		Very much	207	27%	1,977	33%	2,503	34%	3,980	32%	411	35%	2,727	35%	3,201	37%	5,116	34%
		Total	761	100%	6,083	100%	7,345	100%	12,481	100%	1,171	100%	7,897	100%	8,747	100%	14,875	100%
11k. Understanding yourself	GNSELF	Very little	107	14%	580	10%	692	9%	1,293	10%	178	15%	832	11%	878	10%	1,847	12%
		Some	201	27%	1,600	26%	1,940	26%	3,402	27%	291	25%	2,028	26%	2,147	25%	3,880	26%
		Quite a bit	269	36%	2,250	37%	2,704	37%	4,451	36%	374	32%	2,740	35%	3,032	35%	4,980	34%
		Very much	180	24%	1,639	27%	1,997	27%	3,312	27%	322	28%	2,282	29%	2,676	31%	4,145	28%
		Total	757	100%	6,069	100%	7,333	100%	12,458	100%	1,165	100%	7,882	100%	8,733	100%	14,852	100%
11l. Understanding people of other racial and ethnic backgrounds	GNDIVERS	Very little	92	12%	624	10%	686	9%	1,346	11%	173	15%	1,003	13%	999	11%	2,028	14%
		Some	264	35%	1,862	31%	2,270	31%	3,881	31%	365	31%	2,611	33%	2,804	32%	4,838	33%
		Quite a bit	244	32%	2,196	36%	2,656	36%	4,369	35%	360	31%	2,589	33%	2,898	33%	4,825	32%
		Very much	160	21%	1,396	23%	1,728	24%	2,893	23%	269	23%	1,687	21%	2,038	23%	3,189	21%
		Total	760	100%	6,078	100%	7,340	100%	12,489	100%	1,167	100%	7,890	100%	8,739	100%	14,880	100%
11m. Solving complex real-world problems	GNPROBSV	Very little	84	11%	510	8%	602	8%	1,148	9%	148	13%	679	9%	719	8%	1,415	10%
		Some	244	32%	1,961	32%	2,349	32%	3,967	32%	314	27%	2,253	29%	2,407	28%	4,115	28%
		Quite a bit	291	38%	2,233	37%	2,734	37%	4,552	36%	403	34%	2,862	36%	3,213	37%	5,420	36%
		Very much	143	19%	1,371	23%	1,662	23%	2,827	23%	304	26%	2,107	27%	2,409	28%	3,940	26%
		Total	762	100%	6,075	100%	7,347	100%	12,494	100%	1,169	100%	7,901	100%	8,748	100%	14,890	100%
11n. Developing a personal code of values and ethics	GNETHICS	Very little	126	17%	817	13%	941	13%	1,720	14%	242	21%	1,261	16%	1,303	15%	2,519	17%
		Some	223	29%	1,771	29%	2,094	28%	3,683	29%	309	26%	2,415	31%	2,554	29%	4,362	29%
		Quite a bit	258	34%	2,161	35%	2,604	35%	4,248	34%	318	27%	2,456	31%	2,730	31%	4,585	31%
		Very much	155	20%	1,340	22%	1,715	23%	2,851	23%	303	26%	1,761	22%	2,160	25%	3,417	23%
		Total	762	100%	6,089	100%	7,354	100%	12,502	100%	1,172	100%	7,893	100%	8,747	100%	14,883	100%
11o. Contributing to the welfare of your community	GNCOMMUN	Very little	150	20%	871	14%	963	13%	1,969	16%	267	23%	1,490	19%	1,505	17%	2,956	20%
		Some	294	39%	2,138	35%	2,564	35%	4,465	36%	374	32%	2,790	35%	2,958	34%	5,206	35%
		Quite a bit	214	28%	1,969	32%	2,381	32%	3,869	31%	309	26%	2,260	29%	2,565	29%	4,169	28%
		Very much	104	14%	1,101	18%	1,431	19%	2,192	18%	218	19%	1,355	17%	1,713	20%	2,556	17%
		Total	762	100%	6,079	100%	7,339	100%	12,495	100%	1,168	100%	7,895	100%	8,741	100%	14,887	100%
11p. Developing a deepened sense of spirituality	GNSPIRIT	Very little	370	49%	2,799	46%	3,240	44%	5,261	42%	696	60%	4,693	59%	4,917	56%	8,351	56%
		Some	182	24%	1,565	26%	1,917	26%	3,348	27%	243	21%	1,667	21%	1,942	22%	3,291	22%
		Quite a bit	125	16%	1,040	17%	1,286	17%	2,308	18%	119	10%	890	11%	1,068	12%	1,851	12%
		Very much	85	11%	678	11%	906	12%	1,581	13%	110	9%	645	8%	819	9%	1,389	9%
		Total	762	100%	6,082	100%	7,349	100%	12,498	100%	1,168	100%	7,895	100%	8,746	100%	14,882	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	%
12. Overall, how would you evaluate the quality of academic advising you have received at your institution?	ADVISE	Poor	36	5%	271	4%	359	5%	607	5%	102	9%	838	10%	1,018	12%	1,735	12%
		Fair	134	17%	1,078	17%	1,363	18%	2,226	18%	237	20%	1,859	23%	2,106	24%	3,454	23%
		Good	373	49%	2,926	47%	3,446	46%	5,894	47%	454	39%	3,303	41%	3,540	40%	5,997	40%
		Excellent	224	29%	1,893	31%	2,283	31%	3,942	31%	385	33%	1,996	25%	2,184	25%	3,868	26%
		Total		767	100%	6,168	100%	7,451	100%	12,669	100%	1,178	100%	7,996	100%	8,848	100%	15,054
13. How would you evaluate your entire educational experience at this institution?	ENTIREXP	Poor	10	1%	74	1%	79	1%	177	1%	40	3%	141	2%	146	2%	345	2%
		Fair	100	13%	553	9%	634	9%	1,264	10%	159	13%	802	10%	833	9%	1,700	11%
		Good	451	59%	3,030	49%	3,488	47%	6,418	51%	569	48%	3,803	48%	3,971	45%	7,401	49%
		Excellent	207	27%	2,511	41%	3,250	44%	4,803	38%	410	35%	3,251	41%	3,899	44%	5,610	37%
		Total		768	100%	6,168	100%	7,451	100%	12,662	100%	1,178	100%	7,997	100%	8,849	100%	15,056
14. If you could start over again, would you go to the same institution you are now attending?	SAMECOLL	Definitely no	29	4%	154	2%	158	2%	366	3%	64	5%	308	4%	307	3%	671	4%
		Probably no	84	11%	576	9%	655	9%	1,229	10%	138	12%	863	11%	859	10%	1,764	12%
		Probably yes	346	45%	2,300	37%	2,639	35%	4,830	38%	437	37%	3,021	38%	3,090	35%	5,663	38%
		Definitely yes	309	40%	3,140	51%	4,002	54%	6,246	49%	540	46%	3,804	48%	4,596	52%	6,962	46%
		Total		768	100%	6,170	100%	7,454	100%	12,671	100%	1,179	100%	7,996	100%	8,852	100%	15,060

IPEDS: 104179





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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	%	
15.	Age	AGE	19 or younger	732	95%	5,898	95%	7,196	96%	11,867	93%	13	1%	73	1%	78	1%	110	1%
			20-23	29	4%	218	4%	250	3%	614	5%	839	71%	6,780	85%	7,540	85%	11,133	74%
			24-29	4	1%	15	0%	17	0%	107	1%	176	15%	753	9%	820	9%	2,312	15%
			30-39	3	0%	28	0%	8	0%	61	0%	90	8%	262	3%	277	3%	925	6%
			40-55	0	0%	29	0%	11	0%	61	0%	54	5%	128	2%	135	2%	544	4%
			Over 55	0	0%	5	0%	2	0%	8	0%	5	0%	17	0%	17	0%	50	0%
			Total	768	100%	6,193	100%	7,484	100%	12,718	100%	1,177	100%	8,013	100%	8,867	100%	15,074	100%
16.	Your sex:	SEX	Male	279	36%	2,377	38%	2,870	38%	4,828	38%	488	41%	3,352	42%	3,669	41%	6,325	42%
			Female	490	64%	3,813	62%	4,609	62%	7,886	62%	691	59%	4,659	58%	5,194	59%	8,761	58%
			Total	769	100%	6,190	100%	7,479	100%	12,714	100%	1,179	100%	8,011	100%	8,863	100%	15,086	100%
17.	Are you an international student or foreign national?	INTERNAT	No	722	94%	5,775	93%	7,035	94%	11,999	95%	1,116	95%	7,579	95%	8,407	95%	14,327	95%
			Yes	46	6%	408	7%	438	6%	684	5%	61	5%	414	5%	440	5%	722	5%
			Total	768	100%	6,183	100%	7,473	100%	12,683	100%	1,177	100%	7,993	100%	8,847	100%	15,049	100%
18.	What is your racial or ethnic identification? (Select only one.)	RACE05	American Indian or other Native American	12	2%	38	1%	44	1%	65	1%	17	1%	42	1%	43	0%	67	0%
			Asian, Asian American, or Pacific Islander	73	9%	840	14%	923	12%	1,304	10%	113	10%	865	11%	902	10%	1,242	8%
			Black or African American	16	2%	214	3%	319	4%	728	6%	25	2%	253	3%	342	4%	781	5%
			White (non-Hispanic)	468	61%	4,155	67%	5,062	68%	8,595	68%	707	60%	5,642	71%	6,270	71%	10,713	71%
			Mexican or Mexican American	84	11%	189	3%	232	3%	377	3%	116	10%	117	1%	165	2%	283	2%
			Puerto Rican	5	1%	19	0%	23	0%	58	0%	4	0%	28	0%	23	0%	75	0%
			Other Hispanic or Latino	35	5%	133	2%	179	2%	343	3%	53	4%	136	2%	160	2%	323	2%
			Multiracial	28	4%	200	3%	239	3%	415	3%	47	4%	249	3%	267	3%	409	3%
			Other	15	2%	83	1%	81	1%	167	1%	15	1%	127	2%	134	2%	200	1%
			I prefer not to respond	33	4%	317	5%	371	5%	642	5%	81	7%	540	7%	546	6%	966	6%
			Total	769	100%	6,188	100%	7,473	100%	12,694	100%	1,178	100%	7,999	100%	8,852	100%	15,059	100%
19.	What is your current classification in college?	CLASS	Freshman/first year	683	89%	5,346	86%	6,564	88%	11,002	87%	1	0%	6	0%	8	0%	15	0%
			Sophomore	74	10%	730	12%	811	11%	1,521	12%	4	0%	33	0%	32	0%	72	0%
			Junior	11	1%	85	1%	92	1%	125	1%	53	4%	484	6%	464	5%	904	6%
			Senior	1	0%	6	0%	4	0%	16	0%	1,111	94%	7,374	92%	8,254	93%	13,883	92%
			Unclassified	0	0%	24	0%	8	0%	38	0%	10	1%	113	1%	103	1%	200	1%
			Total	769	100%	6,191	100%	7,479	100%	12,702	100%	1,179	100%	8,010	100%	8,861	100%	15,074	100%
20.	Did you begin college at your current institution or elsewhere?	ENTER	Started here	710	92%	5,916	96%	7,172	96%	11,961	94%	791	67%	5,748	72%	6,378	72%	9,504	63%
			Started elsewhere	58	8%	268	4%	299	4%	733	6%	388	33%	2,265	28%	2,488	28%	5,579	37%
			Total	768	100%	6,184	100%	7,471	100%	12,694	100%	1,179	100%	8,013	100%	8,866	100%	15,083	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	%
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	5	1%	52	1%	40	1%	160	1%	58	5%	187	2%	200	2%	600	4%
	COMCOL05	Community or junior college	124	16%	364	6%	501	7%	963	8%	599	52%	1,958	25%	2,282	26%	5,032	34%
	FOURYR05	4-year college other than this one	33	4%	311	5%	343	5%	710	6%	185	16%	1,699	22%	1,843	21%	3,646	24%
	NONE05	None	603	80%	5,363	88%	6,471	88%	10,757	86%	456	39%	4,602	58%	5,022	58%	7,292	49%
	OCOL1_05	Other	10	1%	134	2%	142	2%	242	2%	45	4%	233	3%	264	3%	479	3%
	Total		769	100%	6,186	100%	7,471	100%	12,691	100%	1,178	100%	8,007	100%	8,861	100%	15,081	100%
22. Thinking about this current academic term...How would you characterize your enrollment?	ENRLMENT	Less than full-time	17	2%	113	2%	89	1%	318	3%	93	8%	663	8%	773	9%	1,730	11%
		Full-time	752	98%	6,073	98%	7,382	99%	12,373	97%	1,085	92%	7,344	92%	8,088	91%	13,351	89%
	Total	769	100%	6,186	100%	7,471	100%	12,691	100%	1,178	100%	8,007	100%	8,861	100%	15,081	100%	
- Thinking about this current academic term...Are you taking all courses entirely on-line? (Item appeared only in the online instrument.)	DISTED	No	762	99%	6,111	99%	7,400	99%	12,495	99%	1,162	99%	7,932	99%	8,771	99%	14,673	98%
		Yes	7	1%	66	1%	68	1%	151	1%	12	1%	64	1%	77	1%	322	2%
	Total	769	100%	6,177	100%	7,468	100%	12,646	100%	1,174	100%	7,996	100%	8,848	100%	14,995	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 does not appear in the NSSE09 data file or codebook.)	DISNONE	No, I do not have any disabilities	683	89%	5,638	92%	6,833	92%	11,402	90%	1,031	88%	7,128	89%	7,905	90%	13,247	89%
	DISSENSE	Yes, I have a sensory impairment (vision or hearing)	14	2%	114	2%	137	2%	270	2%	15	1%	106	1%	112	1%	239	2%
	DISMOBIL	Yes, I have a mobility impairment	4	1%	19	0%	20	0%	54	0%	9	1%	35	0%	38	0%	93	1%
	DISLEARN	Yes, I have a learning disability	28	4%	146	2%	156	2%	311	2%	44	4%	243	3%	296	3%	526	4%
	DISMENT	Yes, I have a mental health disorder	13	2%	96	2%	109	1%	208	2%	32	3%	207	3%	223	3%	381	3%
	DISOTHER	Yes, I have another disability	6	1%	58	1%	79	1%	164	1%	21	2%	104	1%	114	1%	216	1%
	DISREFUS	I choose not to answer	24	3%	141	2%	170	2%	337	3%	38	3%	252	3%	257	3%	459	3%
23. Are you member of a social fraternity or sorority?	FRATSORO	No	660	86%	5,306	86%	6,400	86%	11,076	87%	1,062	90%	6,756	84%	7,532	85%	13,070	87%
		Yes	109	14%	876	14%	1,065	14%	1,604	13%	115	10%	1,244	16%	1,319	15%	1,989	13%
	Total	769	100%	6,182	100%	7,465	100%	12,680	100%	1,177	100%	8,000	100%	8,851	100%	15,059	100%	
24. Are you a student-athlete on a team sponsored by your institution's athletics department?	ATHLETE	No	749	98%	5,895	95%	7,130	96%	12,166	96%	1,149	98%	7,754	97%	8,588	97%	14,703	98%
		Yes	19	2%	283	5%	328	4%	507	4%	27	2%	232	3%	248	3%	328	2%
	Total	768	100%	6,178	100%	7,458	100%	12,673	100%	1,176	100%	7,986	100%	8,836	100%	15,031	100%	



NSSE 2009 Background Item Frequency Distributions  
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	12	2%	85	1%	97	1%	244	2%	3	0%	15	0%	17	0%	42	0%
		C	30	4%	159	3%	199	3%	376	3%	25	2%	125	2%	154	2%	316	2%
		C+	45	6%	257	4%	312	4%	644	5%	50	4%	233	3%	296	3%	625	4%
		B-	54	7%	411	7%	562	8%	954	8%	88	7%	531	7%	661	7%	1,179	8%
		B	189	25%	1,224	20%	1,555	21%	2,552	20%	217	18%	1,435	18%	1,627	18%	3,107	21%
		B+	147	19%	1,184	19%	1,482	20%	2,499	20%	226	19%	1,664	21%	1,883	21%	3,019	20%
		A-	140	18%	1,464	24%	1,725	23%	2,665	21%	203	17%	2,143	27%	2,265	26%	3,230	21%
		A	151	20%	1,390	23%	1,523	20%	2,723	22%	363	31%	1,847	23%	1,940	22%	3,525	23%
Total		768	100%	6,174	100%	7,455	100%	12,657	100%	1,175	100%	7,993	100%	8,843	100%	15,043	100%	
26. Which of the following best describes where you are living now while attending college?	LIVENOW	Dormitory or other campus housing	481	63%	4,870	79%	5,958	80%	8,540	68%	41	4%	759	10%	812	9%	942	6%
		Residence, walking distance	73	10%	519	8%	640	9%	1,117	9%	336	29%	4,004	50%	4,081	46%	4,908	33%
		Residence, driving distance	196	26%	566	9%	616	8%	2,608	21%	756	65%	2,793	35%	3,495	40%	8,407	56%
		Fraternity or sorority house	2	0%	130	2%	143	2%	156	1%	10	1%	286	4%	286	3%	303	2%
		None of the above	15	2%	81	1%	83	1%	220	2%	28	2%	139	2%	156	2%	459	3%
		Total		767	100%	6,166	100%	7,440	100%	12,641	100%	1,171	100%	7,981	100%	8,830	100%	15,019
27a. What is the highest level of education that your father completed?	FATHREDU	Did not finish HS	51	7%	293	5%	315	4%	705	6%	74	6%	334	4%	340	4%	831	6%
		Graduated from HS	103	14%	861	14%	988	13%	2,280	18%	208	18%	1,124	14%	1,189	14%	2,693	18%
		Attended, no degree	112	15%	676	11%	776	10%	1,569	13%	171	15%	857	11%	933	11%	1,983	13%
		Completed Associate's	48	6%	470	8%	549	7%	960	8%	84	7%	492	6%	531	6%	1,007	7%
		Completed Bachelor's	222	29%	1,901	31%	2,391	32%	3,911	31%	308	26%	2,450	31%	2,757	31%	4,473	30%
		Completed Master's	155	20%	1,189	19%	1,443	20%	2,062	16%	191	16%	1,594	20%	1,764	20%	2,452	16%
		Completed Doctorate	71	9%	730	12%	937	13%	1,063	8%	135	12%	1,088	14%	1,265	14%	1,503	10%
Total		762	100%	6,120	100%	7,399	100%	12,550	100%	1,171	100%	7,939	100%	8,779	100%	14,942	100%	
27b. What is the highest level of education that your mother completed?	MOTHREDU	Did not finish HS	33	4%	234	4%	244	3%	548	4%	69	6%	316	4%	324	4%	698	5%
		Graduated from HS	105	14%	860	14%	953	13%	2,143	17%	183	16%	1,199	15%	1,286	15%	2,933	20%
		Attended, no degree	126	17%	725	12%	873	12%	1,850	15%	199	17%	890	11%	998	11%	2,100	14%
		Completed Associate's	76	10%	640	10%	763	10%	1,414	11%	136	12%	821	10%	902	10%	1,626	11%
		Completed Bachelor's	243	32%	2,205	36%	2,831	38%	4,210	33%	351	30%	2,707	34%	3,096	35%	4,792	32%
		Completed Master's	143	19%	1,201	20%	1,410	19%	2,027	16%	188	16%	1,630	20%	1,744	20%	2,335	16%
		Completed Doctorate	36	5%	273	4%	344	5%	396	3%	49	4%	405	5%	461	5%	502	3%
Total		762	100%	6,138	100%	7,418	100%	12,588	100%	1,175	100%	7,968	100%	8,811	100%	14,986	100%	



**National Survey  
of Student Engagement**

**NSSE 2009 Background Item Frequency Distributions  
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	%
28. Primary major or expected primary major, in collapsed categories	MAJRPCOL	Arts and Humanities	86	11%	930	16%	1,093	15%	1,543	12%	176	15%	1,469	19%	1,567	18%	2,092	14%
		Biological Science	105	14%	629	11%	883	12%	1,346	11%	152	13%	760	10%	904	10%	1,392	9%
		Business	133	18%	872	15%	1,023	14%	1,754	14%	139	12%	996	13%	1,001	11%	2,140	14%
		Education	30	4%	197	3%	228	3%	608	5%	77	7%	240	3%	272	3%	757	5%
		Engineering	61	8%	785	13%	817	11%	1,722	14%	130	11%	944	12%	969	11%	1,887	13%
		Physical Science	25	3%	219	4%	353	5%	407	3%	48	4%	358	5%	446	5%	582	4%
		Professional	116	15%	447	7%	519	7%	1,244	10%	94	8%	459	6%	525	6%	1,064	7%
		Social Science	85	11%	841	14%	1,096	15%	1,442	12%	197	17%	1,384	18%	1,614	19%	2,238	15%
		Other	67	9%	776	13%	905	13%	1,837	15%	144	12%	1,267	16%	1,409	16%	2,681	18%
		Undecided	46	6%	278	5%	320	4%	454	4%	0	0%	2	0%	2	0%	5	0%
	Total		754	100%	5,974	100%	7,237	100%	12,357	100%	1,157	100%	7,879	100%	8,709	100%	14,838	100%
29. Second major or expected second major (not minor, concentration, etc.) if applicable, in collapsed categories	MAJRSCOL	Arts and Humanities	55	31%	536	27%	684	29%	793	24%	90	29%	750	28%	773	29%	927	24%
		Biological Science	8	5%	101	5%	131	6%	180	5%	24	8%	123	5%	125	5%	201	5%
		Business	21	12%	289	15%	290	12%	500	15%	45	14%	407	15%	312	12%	662	17%
		Education	7	4%	57	3%	63	3%	130	4%	4	1%	79	3%	75	3%	160	4%
		Engineering	9	5%	61	3%	66	3%	162	5%	10	3%	40	2%	40	2%	98	3%
		Physical Science	13	7%	137	7%	181	8%	236	7%	42	13%	198	8%	219	8%	313	8%
		Professional	18	10%	93	5%	116	5%	264	8%	11	4%	86	3%	88	3%	189	5%
		Social Science	20	11%	439	22%	555	23%	588	18%	52	17%	647	25%	689	26%	776	20%
		Other	19	11%	207	11%	255	11%	408	12%	32	10%	294	11%	315	12%	501	13%
		Undecided	6	3%	37	2%	40	2%	68	2%	4	1%	11	0%	12	0%	39	1%
	Total		176	100%	1,957	100%	2,381	100%	3,329	100%	314	100%	2,635	100%	2,648	100%	3,866	100%
- Institution reported: Gender	GENDER	Male	319	37%	2,770	39%	3,326	39%	5,733	38%	530	42%	3,783	42%	4,132	42%	7,175	42%
		Female	551	63%	4,376	61%	5,248	61%	9,213	62%	735	58%	5,219	58%	5,779	58%	9,794	58%
		Total	870	100%	7,146	100%	8,574	100%	14,946	100%	1,265	100%	9,002	100%	9,911	100%	16,969	100%
- Institution reported: Race or ethnicity	ETHNICIT	African American/Black	26	3%	221	3%	385	5%	918	6%	26	2%	189	3%	298	4%	814	5%
		Am. Indian/Native Amer.	24	3%	50	1%	55	1%	78	1%	29	2%	51	1%	60	1%	86	1%
		Asian/Pacific Islander	74	8%	707	11%	828	10%	1,176	8%	101	8%	672	9%	727	9%	1,078	7%
		Caucasian/White	564	65%	4,433	69%	5,764	71%	10,103	71%	800	63%	5,355	74%	6,381	75%	11,557	76%
		Hispanic/Latino	151	17%	422	7%	548	7%	921	7%	202	16%	307	4%	411	5%	761	5%
		Other	0	0%	39	1%	113	1%	120	1%	16	1%	67	1%	127	1%	130	1%
		Foreign	25	3%	332	5%	324	4%	431	3%	43	3%	266	4%	260	3%	360	2%
		Multi-racial	0	0%	3	0%	0	0%	0	0%	0	0%	17	0%	0	0%	0	0%
		Unknown	7	1%	202	3%	145	2%	395	3%	48	4%	283	4%	204	2%	424	3%
	Total		871	100%	6,409	100%	8,162	100%	14,142	100%	1,265	100%	7,207	100%	8,468	100%	15,210	100%
- Institution reported: Enrollment status	ENROLLMT	Part-time	32	4%	131	2%	119	1%	447	3%	127	10%	636	7%	678	7%	2,054	12%
		Full-time	839	96%	7,015	98%	8,455	99%	14,499	97%	1,138	90%	8,366	93%	9,233	93%	14,917	88%
		Total	871	100%	7,146	100%	8,574	100%	14,946	100%	1,265	100%	9,002	100%	9,911	100%	16,971	100%