
NSSE 2015

Frequencies and Statistical Comparisons

The University of Arizona

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NSSE 2015 Frequencies and Statistical Comparisons

About This Report

The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly selected or census-administered students. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website (nsse.indiana.edu) or contact a member of the NSSE team.

- Class level:** As reported by your institution.
- Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

Note: Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: nsse.indiana.edu/html/weighting.cfm

- Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (* $p < .05$, ** $p < .01$, *** $p < .001$). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are items 11 a-f which are compared using a z -test.

NSSE 2015 Frequencies and Statistical Comparisons
NSSEville State University

Seniors ← 1

Frequency Distributions^a Statistical Comparisons^b

Item wording or description	Variable name ^c	Values ^d	Response options	NSSEville State				Private Master's S				NSSE 2014 & 2015				Your seniors compared with			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)																			
	QRconclude	1	Never	3	0	244	2	54	2	6,952	3								
		2	Sometimes	152	20	4,397	27	845	29	75,222	33								
		3	Often	212	33	5,947	37	1,086	38	81,724	35								
		4	Very often	280	46	5,440	34	889	31	66,983	29								
			Total	630	100	16,028	100	2,874	100	230,881	100	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)																			
	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16								
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	1,318	46	57,348	29								
		4	Very often	113	19	3,072	21	613	21	47,208	21								
			Total	626	100	16,028	100	2,858	100	229,541	100	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
c. Evaluated what others have concluded from numerical information																			
	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6								
		2	Sometimes	56	9	1,666	11	262	10	28,134	13								
		3	Often	384	63	9,147	57	1,586	57	128,802	56								
		4	Very often	150	24	4,267	27	851	29	58,873	26								
			Total	615	100	15,858	100	2,833	100	228,352	100	3.1	3.1	.02	3.1	-.04	3.0	.06	

- Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent t -tests use Cohen's d ; z -tests use Cohen's h . Cohen's d is calculated by dividing the mean difference by the pooled standard deviation. Cohen's h is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.

8. **Key to symbols:**

- ▲ Your students' average was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.
- △ Your students' average was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.
- ▽ Your students' average was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.
- ▼ Your students' average was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to item wording and your institutional context.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
1. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	45	3	309	4	194	3	1,033	4	2.8	2.8	.02	2.8 *	-0.06	2.8	.05
		2	Sometimes	533	37	3,167	38	2,359	35	9,127	39							
		3	Often	523	37	3,103	35	2,485	35	8,167	34							
		4	Very often	335	23	2,170	24	1,873	26	5,627	23							
		Total		1,436	100	8,749	100	6,911	100	23,954	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	184	13	1,781	22	1,404	21	4,611	20	2.6	2.4 ***	.29	2.4 ***	.29	2.4 ***	.23
		2	Sometimes	455	33	3,183	36	2,517	37	8,415	36							
		3	Often	454	31	2,416	28	1,882	27	6,698	28							
		4	Very often	331	23	1,318	15	1,074	15	4,109	16							
		Total		1,424	100	8,698	100	6,877	100	23,833	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	122	9	619	7	509	8	1,523	7	2.8	2.9 *	-0.06	2.9 **	-0.08	2.9 ***	-.12
		2	Often	243	17	1,469	17	1,055	16	3,653	16							
		3	Sometimes	821	58	5,048	58	4,039	59	13,780	58							
		4	Never	227	16	1,531	17	1,251	18	4,776	19							
		Total		1,413	100	8,667	100	6,854	100	23,732	100							
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	676	49	2,837	35	2,191	34	8,964	38	1.8	1.9 ***	-0.19	2.0 ***	-0.21	1.9 ***	-0.17
		2	Sometimes	455	33	3,730	42	2,967	43	9,321	40							
		3	Often	164	12	1,352	15	1,079	15	3,421	14							
		4	Very often	104	7	684	7	578	8	1,907	8							
		Total		1,399	100	8,603	100	6,815	100	23,613	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	84	7	458	6	347	5	1,467	7	2.7	2.7	.00	2.8	-0.05	2.7	.05
		2	Sometimes	479	35	3,082	36	2,320	34	8,877	38							
		3	Often	514	36	3,182	37	2,595	38	8,371	35							
		4	Very often	319	22	1,847	21	1,504	22	4,818	20							
		Total		1,396	100	8,569	100	6,766	100	23,533	100							
f. Explained course material to one or more students	CLexplain	1	Never	43	3	210	3	144	2	702	3	2.8	2.8	-0.03	2.9 *	-0.07	2.8	.02
		2	Sometimes	447	32	2,823	33	2,140	32	8,170	35							
		3	Often	602	43	3,491	41	2,799	41	9,257	39							
		4	Very often	295	21	1,916	23	1,582	24	5,022	22							
		Total		1,387	100	8,440	100	6,665	100	23,151	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers	Carnegie > 20k			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	116	9	745	9	567	9	2,438	11	2.7	2.7	.04	2.7	.01	2.7 *	△	.06
		2	Sometimes	462	34	3,045	36	2,342	35	8,112	35								
		3	Often	463	34	2,719	32	2,181	33	7,276	31								
		4	Very often	350	24	1,937	23	1,570	24	5,331	23								
		Total		1,391	100	8,446	100	6,660	100	23,157	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	67	5	497	6	338	5	1,634	7	2.8	2.7 ***	.14	2.7 *	.06	2.6 ***	△	.17
		2	Sometimes	460	34	3,314	40	2,472	37	9,207	40								
		3	Often	535	39	2,918	34	2,405	36	7,808	34								
		4	Very often	320	22	1,670	19	1,407	21	4,368	19								
		Total		1,382	100	8,399	100	6,622	100	23,017	100								
i. Given a course presentation	present	1	Never	276	21	1,763	22	1,315	20	5,143	23	2.2	2.2	.05	2.2 *	-.06	2.2	△	.04
		2	Sometimes	657	48	3,983	49	2,913	45	10,582	47								
		3	Often	302	22	1,776	20	1,547	23	4,912	21								
		4	Very often	134	9	770	9	753	11	2,164	9								
		Total		1,369	100	8,292	100	6,528	100	22,801	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	76	5	399	5	261	4	1,216	6	2.6	2.7 **	-.08	2.8 ***	-.15	2.7 **	△	-.08
		2	Sometimes	546	42	3,007	38	2,273	36	8,223	37								
		3	Often	485	37	3,126	37	2,520	39	8,400	37								
		4	Very often	229	16	1,613	19	1,355	21	4,521	20								
		Total		1,336	100	8,145	100	6,409	100	22,360	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	110	9	621	9	463	8	1,664	8	2.6	2.6	.00	2.6	-.02	2.6	△	-.03
		2	Sometimes	519	39	3,119	40	2,425	40	8,503	39								
		3	Often	476	36	2,859	34	2,281	35	7,898	35								
		4	Very often	218	16	1,442	17	1,171	18	4,054	18								
		Total		1,323	100	8,041	100	6,340	100	22,119	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	107	8	792	11	615	11	2,167	11	2.6	2.5 **	.09	2.5 *	.07	2.5 *	△	.06
		2	Sometimes	527	40	3,228	41	2,549	41	8,847	40								
		3	Often	473	35	2,682	32	2,087	32	7,282	32								
		4	Very often	222	16	1,339	15	1,093	16	3,792	16								
		Total		1,329	100	8,041	100	6,344	100	22,088	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers	Carnegie > 20k			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	66	5	450	6	342	6	1,135	5	2.8	2.7	.03	2.7	.02	2.8	.00	
		2	Sometimes	442	34	2,666	34	2,112	34	7,385	34								
		3	Often	566	43	3,399	42	2,660	42	9,152	41								
		4	Very often	245	18	1,488	18	1,204	19	4,342	20								
		Total		1,319	100	8,003	100	6,318	100	22,014	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	46	3	273	4	202	3	756	4	2.9	2.8	.06	2.9	.02	2.9	.02	
		2	Sometimes	393	30	2,502	32	1,939	31	6,690	31								
		3	Often	573	44	3,436	42	2,690	42	9,311	42								
		4	Very often	311	23	1,796	22	1,488	23	5,253	24								
		Total		1,323	100	8,007	100	6,319	100	22,010	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	37	3	231	3	179	3	630	3	2.9	2.8	.02	2.9	-.01	2.8	.00	
		2	Sometimes	418	33	2,473	32	1,889	31	6,822	32								
		3	Often	551	42	3,483	43	2,770	44	9,366	42								
		4	Very often	315	23	1,793	22	1,465	23	5,111	23								
		Total		1,321	100	7,980	100	6,303	100	21,929	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	15	1	112	2	77	1	303	2	3.0	3.1	-.03	3.1 *	-.07	3.1	-.05	
		2	Sometimes	297	23	1,673	22	1,231	20	4,618	22								
		3	Often	609	47	3,615	45	2,922	46	9,811	44								
		4	Very often	392	29	2,548	31	2,050	32	7,081	32								
		Total		1,313	100	7,948	100	6,280	100	21,813	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	290	23	1,809	25	1,170	20	4,771	23	2.2	2.1 *	.08	2.2	-.06	2.2	.00	
		2	Sometimes	600	45	3,775	47	2,997	48	10,166	46								
		3	Often	298	22	1,676	20	1,450	22	4,746	21								
		4	Very often	131	9	698	8	666	10	2,196	10								
		Total		1,319	100	7,958	100	6,283	100	21,879	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	665	51	3,904	50	2,982	48	11,274	52	1.8	1.7	.02	1.8	-.03	1.7	.04	
		2	Sometimes	377	29	2,535	32	1,992	32	6,435	29								
		3	Often	181	14	1,027	13	874	14	2,720	12								
		4	Very often	90	7	463	6	418	7	1,373	6								
		Total		1,313	100	7,929	100	6,266	100	21,802	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers	Carnegie > 20k		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	436	33	2,499	32	1,918	31	7,307	34	2.0	2.0	.01	2.0	-.03	2.0	.03
		2	Sometimes	540	42	3,463	44	2,722	44	9,315	43							
		3	Often	243	18	1,415	17	1,141	18	3,611	16							
		4	Very often	95	7	546	7	480	8	1,525	7							
		Total		1,314	100	7,923	100	6,261	100	21,758	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	342	27	2,342	31	1,749	29	5,996	28	2.1	2.0 ***	.14	2.0 *	.08	2.0 *	.06
		2	Sometimes	586	45	3,701	46	2,927	47	10,249	47							
		3	Often	270	20	1,322	16	1,104	17	3,815	17							
		4	Very often	108	8	540	6	469	7	1,645	8							
		Total		1,306	100	7,905	100	6,249	100	21,705	100							
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	41	3	231	3	163	3	605	3	3.0	3.0	.03	3.0	-.01	3.0	-.02
		2	Some	291	22	1,875	24	1,445	24	4,849	23							
		3	Quite a bit	601	46	3,496	44	2,737	44	9,411	43							
		4	Very much	385	29	2,327	29	1,919	30	6,912	31							
		Total		1,318	100	7,929	100	6,264	100	21,777	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	44	4	191	3	143	2	610	3	3.0	3.1 ***	-.12	3.1 ***	-.15	3.0	-.06
		2	Some	309	24	1,549	20	1,160	19	4,679	22							
		3	Quite a bit	552	43	3,515	44	2,806	45	9,585	44							
		4	Very much	400	30	2,636	33	2,131	34	6,814	31							
		Total		1,305	100	7,891	100	6,240	100	21,688	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	29	2	271	4	204	4	752	4	3.0	3.0	.03	3.0	.02	3.0	.05
		2	Some	307	23	1,720	22	1,358	23	5,032	24							
		3	Quite a bit	542	43	3,392	43	2,654	42	9,208	43							
		4	Very much	426	31	2,483	31	1,999	32	6,613	30							
		Total		1,304	100	7,866	100	6,215	100	21,605	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	40	3	456	6	350	6	1,091	5	3.0	2.8 ***	.17	2.8 ***	.17	2.9 ***	.13
		2	Some	319	25	2,160	29	1,688	29	5,844	28							
		3	Quite a bit	568	43	3,313	41	2,632	41	9,077	41							
		4	Very much	377	28	1,942	23	1,554	24	5,597	25							
		Total		1,304	100	7,871	100	6,224	100	21,609	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	42	3	408	6	317	5	1,169	6	3.0	2.9 ***	.12	2.9 ***	.12	2.9 ***	.12			
		2	Some	324	25	2,115	28	1,670	28	5,873	28								△	△	△
		3	Quite a bit	573	44	3,325	42	2,630	42	8,856	41										
		4	Very much	357	27	1,987	25	1,575	25	5,623	25										
		Total		1,296	100	7,835	100	6,192	100	21,521	100										
5. During the current school year, to what extent have your instructors done the following?																					
a. Clearly explained course goals and requirements	ETgoals	1	Very little	42	3	121	2	84	1	340	2	3.0	3.1 **	-0.09	3.2 ***	-0.16	3.1 ***	-0.13			
		2	Some	257	20	1,383	18	996	16	3,712	18								▽	▽	▽
		3	Quite a bit	601	46	3,783	48	2,966	48	10,020	46										
		4	Very much	415	30	2,625	32	2,215	35	7,637	35										
		Total		1,315	100	7,912	100	6,261	100	21,709	100										
b. Taught course sessions in an organized way	ETorganize	1	Very little	53	4	133	2	100	2	388	2	3.0	3.1 ***	-0.12	3.1 ***	-0.18	3.1 ***	-0.16			
		2	Some	272	20	1,413	19	1,016	16	3,864	18								▽	▽	▽
		3	Quite a bit	632	48	3,927	49	3,078	49	10,273	47										
		4	Very much	357	27	2,429	30	2,051	33	7,126	33										
		Total		1,314	100	7,902	100	6,245	100	21,651	100										
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	53	4	163	2	115	2	508	3	3.0	3.1 **	-0.08	3.1 ***	-0.14	3.1 **	-0.10			
		2	Some	266	20	1,539	20	1,124	18	4,258	20								▽	▽	▽
		3	Quite a bit	587	44	3,509	45	2,741	44	9,174	42										
		4	Very much	401	31	2,669	33	2,244	36	7,648	35										
		Total		1,307	100	7,880	100	6,224	100	21,588	100										
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	93	7	793	11	623	11	2,076	10	2.8	2.6 ***	.16	2.7 ***	.14	2.7 **	.08			
		2	Some	402	30	2,625	34	2,034	34	6,805	32								△	△	△
		3	Quite a bit	507	39	2,783	35	2,174	34	7,575	35										
		4	Very much	309	23	1,679	20	1,393	21	5,127	24										
		Total		1,311	100	7,880	100	6,224	100	21,583	100										
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	137	10	755	10	570	9	2,238	10	2.6	2.6	-0.02	2.7 *	-0.07	2.7	-0.04			
		2	Some	465	36	2,720	35	2,030	33	7,210	34								▽		
		3	Quite a bit	474	36	2,906	37	2,357	38	7,768	36										
		4	Very much	229	18	1,470	18	1,249	20	4,291	20										
		Total		1,305	100	7,851	100	6,206	100	21,507	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a						Statistical Comparisons ^b									
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	130	9	955	12	739	11	2,549	11	2.7	2.6 **	.09	2.6	.05	2.6 *	.07	
		2	Sometimes	435	33	2,751	34	2,113	33	7,438	34								
		3	Often	480	37	2,792	36	2,223	36	7,648	36								
		4	Very often	268	21	1,408	19	1,170	20	4,046	19								
		Total		1,313	100	7,906	100	6,245	100	21,681	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	253	18	1,650	21	1,242	20	4,359	20	2.4	2.3 ***	.12	2.3 *	.07	2.3 **	.08	
		2	Sometimes	495	38	3,126	40	2,463	40	8,537	40								
		3	Often	363	28	2,165	27	1,705	27	5,916	27								
		4	Very often	202	16	945	12	824	14	2,820	13								
		Total		1,313	100	7,886	100	6,234	100	21,632	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	247	18	1,382	17	1,045	16	3,908	18	2.4	2.4	.02	2.4	-.01	2.4	.02	
		2	Sometimes	523	39	3,228	41	2,563	42	8,786	41								
		3	Often	368	29	2,321	29	1,838	30	6,239	29								
		4	Very often	171	14	929	12	774	13	2,634	12								
		Total		1,309	100	7,860	100	6,220	100	21,567	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	16	1	330	5	272	5	1,025	5	7.6	6.9 ***	.11	6.8 ***	.13	6.5 ***	.19	
		1.5	1-2	185	15	1,377	18	1,224	21	3,996	20								
		4	3-5	401	34	2,192	30	1,710	29	6,329	32								
		8	6-10	331	27	1,957	27	1,433	24	4,976	24								
		13	11-15	145	12	835	11	638	10	2,013	10								
		18	16-20	63	5	350	4	301	5	894	4								
		23	More than 20	73	6	389	5	311	5	902	4								
		Total		1,214	100	7,430	100	5,889	100	20,135	100								
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	328	28	2,425	34	2,077	37	6,717	35	2.5	2.1 ***	.12	1.9 ***	.20	2.0 ***	.16	
		1.5	1-2	490	41	3,036	41	2,377	41	8,109	41								
		4	3-5	242	21	1,237	17	895	16	3,346	17								
		8	6-10	81	7	375	5	260	4	1,005	5								
		13	11-15	19	1	87	1	59	1	234	1								
		18	16-20	4	0	48	1	25	0	75	0								
		23	More than 20	10	1	26	0	22	0	67	0								
Total		1,174	100	7,234	100	5,715	100	19,553	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k								
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e							
c. 11 pages or more	wrlongnum	0	None	864	76	5,372	75	4,301	75	14,488	77	.9	.7 *	.08	.7 *	.08	.8 *	.07							
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	175	15	1,245	19	970	19	3,364	17								△		△		△		
		4	3-5	42	4	196	3	144	3	556	3														
		8	6-10	24	2	106	2	77	1	295	2														
		13	11-15	13	1	49	1	35	1	116	1														
		18	16-20	4	0	15	0	11	0	51	0														
		23	More than 20	7	1	27	0	26	0	83	1														
	Total			1,129	100	7,010	100	5,564	100	18,953	100														
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									54.7	47.0 ***	.13	45.1 ***	.16	45.1 ***	.17							
8. During the current school year, about how often have you had discussions with people from the following groups?																									
a. People of a race or ethnicity other than your own	DDrace	1	Never	39	3	187	3	151	2	590	3	3.2	3.3 *	-.08	3.2	-.02	3.2	-.03							
		2	Sometimes	236	20	1,433	18	1,210	20	3,946	19								▽		▽		▽		
		3	Often	374	31	2,251	30	1,852	31	6,043	30														
		4	Very often	575	46	3,633	50	2,722	46	9,792	48														
		Total		1,224	100	7,504	100	5,935	100	20,371	100														
b. People from an economic background other than your own	DDeconomic	1	Never	39	3	205	3	154	3	603	3	3.1	3.2 *	-.08	3.2 *	-.07	3.2 *	-.06							
		2	Sometimes	269	22	1,449	19	1,153	20	3,943	20								▽		▽		▽		
		3	Often	412	34	2,578	34	2,068	35	6,852	34														
		4	Very often	502	41	3,258	44	2,550	43	8,918	43														
		Total		1,222	100	7,490	100	5,925	100	20,316	100														
c. People with religious beliefs other than your own	DDreligion	1	Never	56	5	254	3	190	3	742	4	3.1	3.2 ***	-.14	3.2 ***	-.11	3.2 **	-.10							
		2	Sometimes	267	22	1,523	20	1,223	21	4,191	21								▽		▽		▽		
		3	Often	397	33	2,248	30	1,835	31	6,222	31														
		4	Very often	497	39	3,448	47	2,654	45	9,126	44														
		Total		1,217	100	7,473	100	5,902	100	20,281	100														
d. People with political views other than your own	DDpolitical	1	Never	69	6	353	5	253	4	910	5	3.0	3.1	-.06	3.1 **	-.09	3.1 **	-.10							
		2	Sometimes	286	24	1,740	24	1,307	23	4,460	22								▽		▽		▽		
		3	Often	396	33	2,338	31	1,904	32	6,357	32														
		4	Very often	456	37	3,012	40	2,419	41	8,465	42														
		Total		1,207	100	7,443	100	5,883	100	20,192	100														

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				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	24	2	121	2	94	2	333	2	3.1	3.1	-.04	3.1 *	-.06	3.1	-.05	
		2	Sometimes	230	19	1,313	19	1,006	18	3,582	19								
		3	Often	532	45	3,193	44	2,471	43	8,716	44								
		4	Very often	423	33	2,826	36	2,314	37	7,605	36								
		Total		1,209	100	7,453	100	5,885	100	20,236	100								
b. Reviewed your notes after class	LSnotes	1	Never	64	5	405	6	306	6	954	5	2.9	2.8 *	.07	2.9	.02	2.9	-.01	
		2	Sometimes	352	30	2,401	34	1,809	32	6,014	31								
		3	Often	428	36	2,442	33	1,943	33	6,760	33								
		4	Very often	366	29	2,179	28	1,817	29	6,447	31								
		Total		1,210	100	7,427	100	5,875	100	20,175	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	86	7	474	7	362	7	1,262	7	2.8	2.8	-.05	2.8 *	-.07	2.8 **	-.08	
		2	Sometimes	409	35	2,267	32	1,731	31	5,956	31								
		3	Often	390	33	2,693	37	2,111	36	7,187	36								
		4	Very often	309	25	1,928	25	1,604	26	5,554	27								
		Total		1,194	100	7,362	100	5,808	100	19,959	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	9	1	24	0	19	0	82	0	5.5	5.5	-.04	5.6 *	-.07	5.5	-.02	
		2		12	1	63	1	42	1	180	1								
		3		30	3	201	3	142	3	552	3								
		4		120	10	736	10	542	10	2,040	10								
		5		424	35	2,370	31	1,870	32	6,750	33								
		6		369	30	2,538	34	2,029	34	6,558	32								
		7	Very much	251	20	1,514	20	1,234	21	4,019	20								
		Total		1,215	100	7,446	100	5,878	100	20,181	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		92	8	524	7	393	7	1,457	8	12%	9% *	.08	10%	.05	9% *	.07	
		Do not plan to do		41	4	200	3	150	3	527	3								
		Plan to do		931	77	6,020	80	4,763	80	16,312	80								
		Done or in progress		147	12	697	9	582	10	1,889	9								
		Total		1,211	100	7,441	100	5,888	100	20,185	100								

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				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	317	27	1,645	23	1,236	21	4,811	24	12%	15% *	-07	17% ***	-0.12	14%	-0.04	
			Do not plan to do	237	20	1,084	15	791	14	3,477	18								
			Plan to do	495	40	3,573	48	2,846	48	9,052	44								
			Done or in progress	157	12	1,108	15	987	17	2,764	14								
			Total	1,206	100	7,410	100	5,860	100	20,104	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	366	31	1,733	25	1,241	21	4,839	25	9%	19% ***	-0.28	23% ***	-0.39	21% ***	-0.33	
			Do not plan to do	337	28	2,446	33	1,980	34	6,179	32								
			Plan to do	377	31	1,755	23	1,278	21	4,746	23								
			Done or in progress	121	9	1,475	19	1,358	23	4,322	21								
			Total	1,201	100	7,409	100	5,857	100	20,086	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	272	23	1,609	23	1,301	24	4,928	25	5%	4%	.04	4%	.05	4%	.04	
			Do not plan to do	229	21	1,240	19	1,020	19	4,024	21								
			Plan to do	635	51	4,216	54	3,279	53	10,286	49								
			Done or in progress	69	5	336	4	250	4	829	4								
			Total	1,205	100	7,401	100	5,850	100	20,067	100								
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	353	29	2,413	32	1,992	34	6,904	34	8%	7%	.05	7%	.03	6% *	.06	
			Do not plan to do	239	20	1,402	17	1,216	19	4,144	20								
			Plan to do	509	43	3,081	44	2,209	39	7,750	39								
			Done or in progress	98	8	489	7	415	7	1,224	6								
			Total	1,199	100	7,385	100	5,832	100	20,022	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	329	27	2,557	35	2,014	34	6,516	33	3%	3%	.00	3%	.00	3%	-0.01	
			Do not plan to do	105	9	731	9	574	9	1,991	10								
			Plan to do	724	60	3,857	53	3,050	54	10,884	54								
			Done or in progress	40	3	222	3	178	3	606	3								
			Total	1,198	100	7,367	100	5,816	100	19,997	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse	1	None	642	54	4,256	58	3,237	55	10,899	56	1.5	1.5 **	.10	1.5	.05	1.5	.03	
			2	Some	481	40	2,715	37	2,253	39	7,890								39
			3	Most	67	5	287	4	248	4	892								5
			4	All	8	1	52	1	40	1	187								1
			Total	1,198	100	7,310	100	5,778	100	19,868	100								

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				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	18	2	74	1	50	1	233	1	5.4	5.6 ***	-0.15	5.6 ***	-0.19	5.6 ***	-0.16
		2		30	2	117	2	103	2	331	2							
		3		68	6	294	4	221	4	820	4							
		4		172	14	716	10	537	9	1,955	10							
		5		280	23	1,891	26	1,434	24	4,683	23							
		6		344	29	2,386	32	1,869	32	6,234	31							
	7	Excellent	295	24	1,928	25	1,645	28	5,829	28								
	—	Not applicable	7	1	23	0	15	0	74	0								
		Total		1,214	100	7,429	100	5,874	100	20,159	100							
b. Academic advisors	QIadvisor	1	Poor	43	4	257	4	186	3	759	4	5.1	5.0 *	.07	5.1	-0.01	5.1	.00
		2		70	6	418	6	319	5	1,056	5							
		3		98	8	633	9	474	8	1,651	8							
		4		176	15	1,070	14	841	14	2,870	14							
		5		230	19	1,617	22	1,261	21	4,193	21							
		6		257	22	1,678	22	1,382	23	4,333	21							
	7	Excellent	305	25	1,480	20	1,323	23	4,735	24								
	—	Not applicable	29	3	262	4	81	2	525	3								
		Total		1,208	100	7,415	100	5,867	100	20,122	100							
c. Faculty	QIfaculty	1	Poor	34	3	131	2	95	2	398	2	5.0	5.1 **	-0.09	5.2 ***	-0.17	5.2 ***	-0.12
		2		52	4	255	4	173	3	703	4							
		3		101	8	455	6	312	5	1,322	7							
		4		197	17	1,114	15	811	14	3,014	15							
		5		315	27	2,096	29	1,662	29	5,384	27							
		6		301	25	2,118	28	1,758	30	5,532	28							
	7	Excellent	182	15	1,130	15	968	16	3,397	17								
	—	Not applicable	16	1	65	1	46	1	217	1								
		Total		1,198	100	7,364	100	5,825	100	19,967	100							

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				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	68	6	229	3	175	3	721	4	4.8	5.0	-.07	5.0 ***	-.13	5.0 *	-.09	
		2		64	5	314	4	231	4	888	4								
		3		83	7	532	7	401	7	1,481	7								
		4		174	15	1,141	15	845	14	3,049	15								
		5		249	20	1,841	25	1,477	25	4,563	22								
		6		241	20	1,785	24	1,436	24	4,587	23								
		7	Excellent	188	16	1,056	14	922	16	3,346	17								
	—	Not applicable	136	11	491	7	361	7	1,417	7									
	Total	1,203	100	7,389	100	5,848	100	20,052	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	73	6	316	4	234	4	980	5	4.7	4.7	-.01	4.8 *	-.08	4.7	-.03	
		2		73	6	424	6	335	6	1,186	6								
		3		120	9	613	8	450	7	1,803	9								
		4		194	16	1,246	17	915	16	3,279	16								
		5		264	22	1,606	21	1,294	22	4,356	21								
		6		223	19	1,394	19	1,123	19	3,738	19								
		7	Excellent	154	13	829	11	743	13	2,595	13								
	—	Not applicable	110	10	964	13	752	13	2,109	11									
	Total	1,211	100	7,392	100	5,846	100	20,046	100										
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	20	2	75	1	63	1	253	1	3.1	3.2 ***	-.14	3.3 ***	-.16	3.2 **	-.08	
		2	Some	179	16	1,025	15	758	14	2,799	15								
		3	Quite a bit	527	47	2,994	42	2,365	43	8,556	45								
		4	Very much	406	35	2,950	42	2,361	42	7,324	39								
		Total	1,132	100	7,044	100	5,547	100	18,932	100									
b. Providing support to help students succeed academically	SEacademic	1	Very little	41	4	194	3	151	3	494	3	3.0	3.1	-.03	3.1 **	-.09	3.1 **	-.09	
		2	Some	224	20	1,364	20	974	18	3,325	18								
		3	Quite a bit	495	44	3,095	44	2,379	43	8,007	43								
		4	Very much	371	32	2,357	32	2,017	35	6,990	36								
		Total	1,131	100	7,010	100	5,521	100	18,816	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	49	4	318	5	252	5	831	5	3.1	3.1 *	.07	3.1	.02	3.1	-.01	
		2	Some	197	18	1,327	20	958	18	3,108	17								
		3	Quite a bit	428	39	2,839	41	2,185	40	7,213	39								
		4	Very much	448	39	2,512	35	2,120	37	7,665	39								
		Total	1,122	100	6,996	100	5,515	100	18,817	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	152	13	623	9	476	9	1,711	10	2.6	2.8 ***	-0.24	2.8 ***	-0.25	2.8 ***	-0.22
		2	Some	367	32	1,900	27	1,478	27	5,198	28							
		3	Quite a bit	389	35	2,518	36	1,939	35	6,579	35							
		4	Very much	224	19	1,965	28	1,623	29	5,353	28							
		Total		1,132	100	7,006	100	5,516	100	18,841	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	52	5	231	4	167	3	607	4	3.0	3.1 ***	-0.14	3.1 ***	-0.19	3.1 ***	-0.19
		2	Some	264	24	1,341	20	1,018	19	3,399	19							
		3	Quite a bit	463	41	2,908	42	2,154	39	7,360	40							
		4	Very much	351	30	2,536	34	2,180	38	7,455	38							
		Total		1,130	100	7,016	100	5,519	100	18,821	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	75	7	266	4	201	4	712	4	3.0	3.1 **	-0.11	3.1 ***	-0.16	3.1 ***	-0.16
		2	Some	240	21	1,351	20	1,003	19	3,316	19							
		3	Quite a bit	443	40	2,862	41	2,201	40	7,326	39							
		4	Very much	364	32	2,525	35	2,107	37	7,414	38							
		Total		1,122	100	7,004	100	5,512	100	18,768	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	264	23	1,334	20	996	19	3,323	19	2.3	2.4	-0.02	2.4 *	-0.07	2.4 *	-0.07
		2	Some	380	34	2,606	38	1,992	37	6,654	36							
		3	Quite a bit	311	28	2,012	28	1,628	29	5,585	29							
		4	Very much	169	15	1,035	14	887	15	3,190	16							
		Total		1,124	100	6,987	100	5,503	100	18,752	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	79	7	274	4	230	5	747	4	2.9	3.0 **	-0.11	3.0 ***	-0.13	3.1 ***	-0.18
		2	Some	277	25	1,503	22	1,143	22	3,772	20							
		3	Quite a bit	434	39	2,931	43	2,244	41	7,449	40							
		4	Very much	330	29	2,263	31	1,882	33	6,760	35							
		Total		1,120	100	6,971	100	5,499	100	18,728	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	193	17	786	12	589	11	2,034	12	2.4	2.6 ***	-0.16	2.7 ***	-0.22	2.6 ***	-0.20
		2	Some	417	37	2,345	35	1,784	33	6,110	33							
		3	Quite a bit	336	31	2,471	36	1,912	35	6,496	34							
		4	Very much	173	15	1,342	18	1,181	20	4,030	21							
		Total		1,119	100	6,944	100	5,466	100	18,670	100							

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NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a						Statistical Comparisons ^b								
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	5	0	36	1	33	1	105	1	15.2	16.4 *** ▽	-0.13	16.2 *** ▽	-0.11	15.1	.02
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	137	12	580	9	448	8	2,058	11							
	8	6-10 hrs	260	24	1,337	19	1,081	19	4,230	22								
	13	11-15 hrs	227	20	1,515	22	1,201	22	4,232	23								
	18	16-20 hrs	180	16	1,456	21	1,159	21	3,564	19								
	23	21-25 hrs	143	13	926	13	757	13	2,181	11								
	28	26-30 hrs	72	6	549	8	419	8	1,196	6								
	33	More than 30 hrs	102	9	589	9	422	8	1,251	7								
	Total			1,126	100	6,988	100	5,520	100	18,817	100							
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	373	34	1,379	20	1,038	19	4,555	25	5.3	6.3 *** ▽	-0.15	6.5 *** ▽	-0.19	6.0 ***	-0.10
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	361	30	2,720	39	2,141	38	6,955	36							
	8	6-10 hrs	196	18	1,461	21	1,177	21	3,648	19								
	13	11-15 hrs	105	9	738	11	606	11	1,833	10								
	18	16-20 hrs	50	5	357	5	287	5	924	5								
	23	21-25 hrs	19	2	151	2	123	2	422	2								
	28	26-30 hrs	7	1	67	1	49	1	160	1								
	33	More than 30 hrs	13	1	73	1	64	1	228	1								
	Total			1,124	100	6,946	100	5,485	100	18,725	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	860	77	5,292	76	4,170	76	15,084	80	2.8	2.5	.04	2.6	.03	2.3 **	.10
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	45	4	271	4	226	4	612	3							
	8	6-10 hrs	72	6	696	10	546	10	1,308	7								
	13	11-15 hrs	79	7	423	6	348	6	964	5								
	18	16-20 hrs	46	4	194	3	149	3	531	3								
	23	21-25 hrs	16	1	61	1	42	1	170	1								
	28	26-30 hrs	4	0	17	0	19	0	51	0								
	33	More than 30 hrs	3	0	21	0	16	0	67	0								
	Total			1,125	100	6,975	100	5,516	100	18,787	100							

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The University of Arizona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	797	71	5,804	84	4,498	82	14,753	79	4.0	▲	1.9 ***	.36	▲	2.4 ***	.25	▲	3.0 ***	.15
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	70	7	292	4	219	4	787	4										
		8	6-10 hrs	56	5	286	4	233	4	822	5										
		13	11-15 hrs	54	5	227	3	200	4	768	4										
		18	16-20 hrs	63	6	186	3	148	3	677	4										
		23	21-25 hrs	38	3	82	1	75	1	425	2										
		28	26-30 hrs	17	2	41	1	59	1	239	1										
		33	More than 30 hrs	17	2	24	0	40	1	221	1										
	Total			1,112	100	6,942	100	5,472	100	18,692	100										
Estimated number of hours working for pay	tmworkhrs											6.7	▲	4.4 ***	.26	▲	4.9 ***	.19	▲	5.2 ***	.16
	(Continuous variable created by NSSE)																				
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	540	51	3,960	59	2,934	55	10,329	57	2.7	▲	2.2 ***	.13	▲	2.3 **	.11	▲	2.3 **	.10
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	405	35	2,217	31	1,961	35	6,182	33										
		8	6-10 hrs	96	8	371	5	295	5	1,071	6										
		13	11-15 hrs	30	3	160	2	119	2	495	3										
		18	16-20 hrs	18	2	106	2	73	1	278	1										
		23	21-25 hrs	9	1	40	1	35	1	116	1										
		28	26-30 hrs	3	0	14	0	9	0	40	0										
		33	More than 30 hrs	3	0	19	0	9	0	48	0										
	Total			1,104	100	6,887	100	5,435	100	18,559	100										
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	10	1	64	1	42	1	189	1	11.8	▼	13.5 ***	-.20	▼	13.5 ***	-.21	▼	13.5 ***	-.19
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	256	22	991	15	792	15	2,856	16										
		8	6-10 hrs	345	31	1,956	27	1,547	27	4,994	27										
		13	11-15 hrs	212	19	1,621	23	1,277	23	4,249	22										
		18	16-20 hrs	128	12	1,071	15	853	16	2,825	15										
		23	21-25 hrs	82	7	547	8	444	9	1,513	8										
		28	26-30 hrs	33	3	235	3	180	3	710	4										
		33	More than 30 hrs	45	4	424	7	313	6	1,294	7										
	Total			1,111	100	6,909	100	5,448	100	18,630	100										

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NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	848	76	5,963	85	4,723	86	15,601	83	2.0	1.3 *** △	.17	1.3 *** △	.16	1.6 ** △	.09
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	136	12	439	7	341	6	1,416	8							
	8	6-10 hrs	54	6	197	3	144	3	627	4								
	13	11-15 hrs	35	3	143	2	109	2	428	2								
	18	16-20 hrs	23	2	92	1	64	1	270	1								
	23	21-25 hrs	5	1	41	1	32	1	126	1								
	28	26-30 hrs	3	0	15	0	8	0	52	0								
	33	More than 30 hrs	9	1	20	0	29	1	111	1								
	Total			1,113	100	6,910	100	5,450	100	18,631	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	290	25	2,621	39	1,884	35	6,833	36	4.5	3.6 *** △	.20	3.7 *** △	.18	3.8 *** △	.15
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	514	47	2,867	40	2,468	45	7,890	42							
	8	6-10 hrs	196	18	927	13	727	13	2,456	13								
	13	11-15 hrs	60	5	286	4	223	4	822	5								
	18	16-20 hrs	31	3	126	2	96	2	346	2								
	23	21-25 hrs	11	1	62	1	44	1	162	1								
	28	26-30 hrs	5	0	24	0	18	0	70	0								
	33	More than 30 hrs	7	1	31	0	29	0	123	1								
	Total			1,114	100	6,944	100	5,489	100	18,702	100							
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?												2.8	2.7	.05	2.7 * △	.07	2.7 *** △	.13
reading	1	Very little	94	9	760	12	633	13	2,569	14								
	2	Some	344	33	2,247	34	1,747	34	6,468	35								
	3	About half	387	34	1,958	27	1,590	28	5,121	27								
	4	Most	223	19	1,347	18	1,046	18	3,217	17								
	5	Almost all	60	5	575	7	432	7	1,229	6								
		Total	1,108	100	6,887	100	5,448	100	18,604	100								
	tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmrephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)										6.8	7.3 * ▽	-.08	7.3 * ▽	-.07	6.5 * △	.07

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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Item wording or description	Variable name ^c	Values ^d	Response options	Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Arizona Mean	Selected AAUDE Peers Mean	Effect size ^e	Selected UA Peers Mean	Effect size ^e	Carnegie > 20k Mean	Effect size ^e
	tmreadinghrscol	1	0 hrs	4	0	32	1	29	1	93	1							
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	515	49	3,002	46	2,402	47	9,433	52							
		3	More than 5, up to 10 hrs	352	31	2,148	31	1,657	30	5,455	29							
		4	More than 10, up to 15 hrs	115	10	794	11	634	11	1,770	9							
		5	More than 15, up to 20 hrs	72	6	462	6	377	6	931	5							
		6	More than 20, up to 25 hrs	35	3	299	4	234	4	591	3							
		7	More than 25 hrs	13	1	122	2	97	2	236	1							
		Total			1,106	100	6,859	100	5,430	100	18,509	100						

17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

a. Writing clearly and effectively	pgwrite	1	Very little	96	8	785	12	598	12	1,896	11	2.8	2.7 ***	.20	2.7 ***	.19	2.7 ***	.13						
		2	Some	274	25	2,078	30	1,644	31	5,213	28								Δ					
		3	Quite a bit	458	42	2,635	38	2,054	37	7,248	38													
		4	Very much	287	25	1,473	20	1,204	21	4,407	23													
		Total		1,115	100	6,971	100	5,500	100	18,764	100													
b. Speaking clearly and effectively	pgspeak	1	Very little	146	13	1,074	16	731	14	2,655	15	2.6	2.5 ***	.14	2.6	.03	2.6 *	.08						
		2	Some	342	31	2,276	33	1,691	32	6,001	33								Δ					
		3	Quite a bit	397	36	2,322	33	1,868	34	6,340	34													
		4	Very much	223	20	1,275	17	1,190	20	3,698	19													
		Total		1,108	100	6,947	100	5,480	100	18,694	100													
c. Thinking critically and analytically	pgthink	1	Very little	37	3	220	4	159	3	676	4	3.1	3.1	.04	3.1	-.03	3.1	.04						
		2	Some	207	18	1,374	21	992	19	3,629	20													
		3	Quite a bit	487	44	2,982	42	2,354	42	8,028	43													
		4	Very much	381	34	2,376	34	1,978	36	6,358	34													
		Total		1,112	100	6,952	100	5,483	100	18,691	100													
d. Analyzing numerical and statistical information	pganalyze	1	Very little	140	12	829	12	637	11	2,273	12	2.7	2.7	-.01	2.7	-.04	2.7	.00						
		2	Some	330	30	2,108	30	1,630	29	5,559	30													
		3	Quite a bit	396	36	2,427	35	1,887	35	6,516	35													
		4	Very much	244	23	1,576	23	1,317	25	4,343	23													
		Total		1,110	100	6,940	100	5,471	100	18,691	100													

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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				Your first-year students compared with															
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	199	17	825	12	551	10	2,494	14	2.5	2.6 ***	-0.13	2.7 ***	-0.22	2.6 ***	-0.11	
		2	Some	379	34	2,294	34	1,722	32	5,957	32								
		3	Quite a bit	330	30	2,400	34	1,927	35	6,261	33								
		4	Very much	204	18	1,432	20	1,280	23	3,980	20								
		Total		1,112	100	6,951	100	5,480	100	18,692	100								
f. Working effectively with others	pgothers	1	Very little	79	7	500	8	354	7	1,374	8	2.8	2.8	.04	2.8	-0.03	2.8	.03	
		2	Some	307	28	1,999	30	1,448	27	5,254	29								
		3	Quite a bit	448	41	2,771	40	2,215	40	7,330	39								
		4	Very much	274	24	1,670	23	1,461	26	4,708	24								
		Total		1,108	100	6,940	100	5,478	100	18,666	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	172	15	973	15	685	14	2,469	15	2.6	2.6	.02	2.7	-0.06	2.6	-0.03	
		2	Some	331	30	2,083	31	1,570	30	5,299	29								
		3	Quite a bit	368	34	2,402	34	1,911	34	6,551	35								
		4	Very much	239	21	1,484	20	1,312	23	4,352	22								
		Total		1,110	100	6,942	100	5,478	100	18,671	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	134	12	683	11	520	10	1,915	11	2.7	2.8	-0.06	2.8 *	-0.08	2.7	-0.05	
		2	Some	305	27	1,920	28	1,496	28	5,246	29								
		3	Quite a bit	427	39	2,539	36	1,988	35	6,693	35								
		4	Very much	245	21	1,805	25	1,480	26	4,845	25								
		Total		1,111	100	6,947	100	5,484	100	18,699	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	139	12	782	12	563	10	2,203	12	2.6	2.6	-0.04	2.7 **	-0.09	2.6	-0.03	
		2	Some	383	35	2,302	34	1,760	33	5,983	33								
		3	Quite a bit	383	35	2,402	34	1,929	35	6,550	35								
		4	Very much	205	19	1,463	20	1,227	22	3,938	20								
		Total		1,110	100	6,949	100	5,479	100	18,674	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	176	16	915	14	681	13	2,365	14	2.5	2.6	-0.03	2.6 **	-0.10	2.6 *	-0.07	
		2	Some	373	34	2,295	34	1,726	33	5,985	33								
		3	Quite a bit	353	32	2,384	34	1,885	34	6,372	34								
		4	Very much	201	18	1,321	18	1,165	21	3,879	20								
		Total		1,103	100	6,915	100	5,457	100	18,601	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

First-Year Students

				Frequency Distributions ^a						Statistical Comparisons ^b								
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	25	2	105	2	72	2	235	2	3.1	3.2 ***	-13	3.3 ***	-25	3.3 ***	-18
		2	Fair	147	14	721	11	479	9	1,780	10							
		3	Good	593	53	3,400	49	2,522	46	9,071	48							
		4	Excellent	351	31	2,756	38	2,423	43	7,705	40							
			Total	1,116	100	6,982	100	5,496	100	18,791	100							
19. If you could start over again, would you go to the same institution you are now attending?																		
	sameinst	1	Definitely no	42	4	171	3	126	2	412	3	3.2	3.3 ***	-14	3.4 ***	-23	3.3 ***	-19
		2	Probably no	149	14	724	11	515	10	1,830	10							
		3	Probably yes	479	44	2,848	42	2,064	38	7,323	39							
		4	Definitely yes	445	39	3,249	45	2,807	50	9,237	48							
			Total	1,115	100	6,992	100	5,512	100	18,802	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
1. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	42	3	325	4	203	3	1,115	4	3.0	2.9 **	.07	3.0	.01	3.0	.02
		2	Sometimes	507	29	3,189	32	2,420	30	9,432	30							
		3	Often	588	34	3,190	32	2,716	33	10,295	31							
		4	Very often	580	34	3,404	33	2,948	35	11,478	35							
		Total		1,717	100	10,108	100	8,287	100	32,320	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	393	23	2,816	29	2,193	28	7,994	25	2.3	2.2 ***	.12	2.2 **	.09	2.3	.02
		2	Sometimes	654	38	3,756	37	3,066	37	11,591	36							
		3	Often	410	24	2,177	22	1,809	21	7,517	23							
		4	Very often	255	15	1,302	13	1,165	14	5,055	16							
		Total		1,712	100	10,051	100	8,233	100	32,157	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	167	10	1,011	10	795	10	2,614	8	2.7	2.7	.02	2.7	-.01	2.8 ***	-.13
		2	Often	349	21	2,144	22	1,713	21	5,777	18							
		3	Sometimes	978	57	5,449	54	4,460	54	17,663	55							
		4	Never	213	13	1,388	14	1,221	15	5,958	18							
		Total		1,707	100	9,992	100	8,189	100	32,012	100							
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	678	41	3,351	36	2,842	37	13,298	42	1.9	1.9 **	-.08	1.9 **	-.07	1.8	.01
		2	Sometimes	695	40	4,415	43	3,535	43	12,310	39							
		3	Often	193	12	1,371	13	1,090	13	3,814	12							
		4	Very often	127	8	831	8	671	8	2,455	7							
		Total		1,693	100	9,968	100	8,138	100	31,877	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	137	8	906	10	713	9	3,636	12	2.6	2.5	.05	2.6	.01	2.5 ***	.09
		2	Sometimes	738	44	4,265	44	3,412	43	13,751	43							
		3	Often	501	30	3,065	30	2,563	31	9,261	29							
		4	Very often	302	18	1,702	16	1,431	17	5,158	16							
		Total		1,678	100	9,938	100	8,119	100	31,806	100							
f. Explained course material to one or more students	CLexplain	1	Never	36	2	259	3	230	3	1,301	4	2.9	2.8 ***	.09	2.8 **	.08	2.8 ***	.12
		2	Sometimes	527	31	3,420	35	2,745	34	11,061	35							
		3	Often	694	41	3,936	39	3,229	39	12,045	38							
		4	Very often	422	25	2,221	23	1,843	23	7,032	23							
		Total		1,679	100	9,836	100	8,047	100	31,439	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	182	11	1,283	13	1,024	13	4,668	15	2.7	2.6 ***	.10	2.6 *	.06	2.6 ***	.10			
		2	Sometimes	576	34	3,609	37	2,903	36	11,147	36								Δ	Δ	Δ
		3	Often	546	32	2,893	29	2,404	30	8,843	28										
		4	Very often	375	22	2,037	20	1,706	21	6,734	21										
		Total		1,679	100	9,822	100	8,037	100	31,392	100										
h. Worked with other students on course projects or assignments	CLproject	1	Never	81	5	465	5	318	4	1,755	6	2.9	2.9	.00	3.0	-.05	2.9	.03			
		2	Sometimes	445	27	2,763	29	2,204	28	9,066	29										
		3	Often	626	37	3,331	34	2,778	35	10,693	34										
		4	Very often	521	31	3,236	32	2,707	34	9,779	31										
		Total		1,673	100	9,795	100	8,007	100	31,293	100										
i. Given a course presentation	present	1	Never	152	10	937	10	761	10	3,670	12	2.7	2.6 ***	.10	2.6 **	.07	2.6 ***	.11			
		2	Sometimes	541	33	3,697	39	2,907	37	11,259	37								Δ	Δ	Δ
		3	Often	555	33	2,994	30	2,515	31	9,490	30										
		4	Very often	412	24	2,075	21	1,732	22	6,629	21										
		Total		1,660	100	9,703	100	7,915	100	31,048	100										
2. During the current school year, about how often have you done the following?																					
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	42	3	189	2	132	2	753	3	3.1	3.0 **	.08	3.0	.04	3.0	.03			
		2	Sometimes	363	23	2,464	27	1,910	25	7,455	25								Δ		
		3	Often	662	41	3,912	41	3,246	42	12,148	40										
		4	Very often	559	34	2,975	30	2,507	31	10,168	33										
		Total		1,626	100	9,540	100	7,795	100	30,524	100										
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	109	7	637	7	470	7	2,005	7	2.8	2.7 **	.08	2.8	.05	2.8	.02			
		2	Sometimes	476	30	3,151	34	2,480	33	9,356	32								Δ		
		3	Often	593	37	3,300	34	2,756	35	10,605	35										
		4	Very often	434	26	2,361	24	2,009	25	8,237	26										
		Total		1,612	100	9,449	100	7,715	100	30,203	100										
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	211	14	1,316	15	944	14	4,039	15	2.6	2.5 *	.06	2.6	.01	2.6	.00			
		2	Sometimes	552	34	3,462	37	2,780	37	10,448	35								Δ		
		3	Often	507	32	2,743	29	2,317	29	8,850	29										
		4	Very often	342	20	1,895	19	1,661	20	6,840	22										
		Total		1,612	100	9,416	100	7,702	100	30,177	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	62	4	536	6	378	5	1,571	6	2.8	2.8 ** △	.08	2.8	.04	2.8	.01	
		2	Sometimes	525	33	3,113	34	2,455	32	9,321	31								
		3	Often	641	40	3,709	39	3,107	40	11,876	39								
		4	Very often	381	23	2,029	21	1,743	22	7,324	24								
		Total		1,609	100	9,387	100	7,683	100	30,092	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	54	4	397	5	273	4	1,139	4	2.9	2.9 * △	.06	2.9	.03	2.9	-.01	
		2	Sometimes	455	28	2,741	30	2,165	29	8,165	28								
		3	Often	657	41	3,816	40	3,185	41	12,201	40								
		4	Very often	441	27	2,423	25	2,045	26	8,485	28								
		Total		1,607	100	9,377	100	7,668	100	29,990	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	25	2	187	2	136	2	672	2	3.0	2.9 * △	.07	2.9	.03	2.9	.03	
		2	Sometimes	452	28	2,663	29	2,133	28	8,384	28								
		3	Often	661	41	4,008	43	3,258	43	12,411	41								
		4	Very often	469	29	2,490	26	2,114	27	8,431	28								
		Total		1,607	100	9,348	100	7,641	100	29,898	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	15	1	103	1	68	1	346	1	3.2	3.2 ** △	.08	3.2	.03	3.2	.03	
		2	Sometimes	233	15	1,590	18	1,195	16	4,788	16								
		3	Often	700	44	3,949	43	3,255	43	12,402	42								
		4	Very often	648	40	3,654	38	3,087	40	12,185	41								
		Total		1,596	100	9,296	100	7,605	100	29,721	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	215	14	1,624	19	1,166	16	5,495	19	2.5	2.3 *** △	.16	2.4 ** △	.08	2.4 *** △	.12	
		2	Sometimes	682	43	4,146	45	3,329	44	12,453	42								
		3	Often	412	25	2,154	22	1,887	24	7,048	23								
		4	Very often	301	18	1,426	14	1,257	16	4,870	16								
		Total		1,610	100	9,350	100	7,639	100	29,866	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	602	38	3,811	42	3,023	40	13,130	45	2.0	2.0 ** △	.08	2.0	.04	1.9 *** △	.11	
		2	Sometimes	503	31	2,918	31	2,422	32	8,681	29								
		3	Often	302	18	1,527	16	1,283	17	4,579	15								
		4	Very often	202	12	1,069	11	891	12	3,369	11								
		Total		1,609	100	9,325	100	7,619	100	29,759	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	348	22	2,333	26	1,914	25	7,928	27	2.3	2.1 ***	.12	2.1 ***	.12	2.1 ***	.12			
		2	Sometimes	694	43	4,137	44	3,379	44	12,687	43								Δ	Δ	Δ
		3	Often	372	24	1,910	20	1,572	21	5,852	20										
		4	Very often	193	12	937	10	753	10	3,266	11										
		Total		1,607	100	9,317	100	7,618	100	29,733	100										
d. Discussed your academic performance with a faculty member	SFperform	1	Never	371	24	2,668	29	2,079	28	7,665	26	2.2	2.0 ***	.15	2.1 ***	.13	2.1 **	.08			
		2	Sometimes	727	45	4,200	45	3,481	46	13,494	46								Δ	Δ	Δ
		3	Often	335	21	1,632	17	1,378	18	5,566	18										
		4	Very often	171	11	759	8	633	8	2,915	10										
		Total		1,604	100	9,259	100	7,571	100	29,640	100										
4. During the current school year, how much has your coursework emphasized the following?																					
a. Memorizing course material	memorize	1	Very little	108	7	638	7	561	8	2,095	7	2.8	2.8	.03	2.8 *	.06	2.8	.02			
		2	Some	448	28	2,787	30	2,273	30	8,553	29								Δ		
		3	Quite a bit	623	39	3,596	39	2,951	39	11,379	38										
		4	Very much	419	26	2,266	25	1,811	23	7,697	25										
		Total		1,598	100	9,287	100	7,596	100	29,724	100										
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	54	4	266	3	206	3	896	3	3.1	3.1	.03	3.1	-.01	3.1	-.02			
		2	Some	273	18	1,777	20	1,395	19	5,436	19										
		3	Quite a bit	698	43	3,988	42	3,256	43	12,361	42										
		4	Very much	565	36	3,230	35	2,726	36	10,919	37										
		Total		1,590	100	9,261	100	7,583	100	29,612	100										
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	45	3	346	4	291	4	1,176	4	3.1	3.0 ***	.10	3.0 **	.07	3.1	.04			
		2	Some	307	20	2,020	23	1,586	22	5,908	20								Δ	Δ	
		3	Quite a bit	658	41	3,707	39	3,035	40	11,782	40										
		4	Very much	574	36	3,149	34	2,634	34	10,666	36										
		Total		1,584	100	9,222	100	7,546	100	29,532	100										
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	112	8	744	9	540	8	2,048	7	2.9	2.8 **	.09	2.8	.05	2.9	-.02			
		2	Some	400	26	2,596	29	2,056	28	7,587	26								Δ		
		3	Quite a bit	628	40	3,510	37	2,951	38	11,253	38										
		4	Very much	442	27	2,376	25	1,992	25	8,616	29										
		Total		1,582	100	9,226	100	7,539	100	29,504	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	71	5	588	7	427	6	1,757	6	3.0	2.8 *** △	.13	2.9 *** △	.09	2.9	.05	
		2	Some	393	25	2,506	28	1,965	27	7,240	25								
		3	Quite a bit	635	40	3,682	39	3,073	41	11,651	39								
		4	Very much	480	30	2,431	26	2,070	27	8,819	29								
		Total		1,579	100	9,207	100	7,535	100	29,467	100								
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	29	2	127	2	94	1	506	2	3.2	3.1	.04	3.2	.00	3.2	-.03	
		2	Some	256	16	1,592	18	1,209	16	4,725	16								
		3	Quite a bit	745	46	4,459	48	3,616	48	13,139	44								
		4	Very much	568	35	3,107	33	2,664	35	11,353	38								
		Total		1,598	100	9,285	100	7,583	100	29,723	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	39	3	137	2	113	2	607	2	3.1	3.1	.03	3.1	-.04	3.1	-.04	
		2	Some	291	19	1,742	20	1,256	17	5,206	18								
		3	Quite a bit	744	46	4,561	49	3,706	49	13,673	46								
		4	Very much	521	32	2,812	30	2,483	32	10,153	34								
		Total		1,595	100	9,252	100	7,558	100	29,639	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	46	3	182	2	152	2	788	3	3.1	3.1	.05	3.1	-.01	3.1	.00	
		2	Some	280	18	1,719	20	1,266	17	5,349	18								
		3	Quite a bit	657	41	4,114	44	3,298	44	12,181	41								
		4	Very much	610	38	3,223	34	2,829	37	11,246	38								
		Total		1,593	100	9,238	100	7,545	100	29,564	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	197	13	1,331	15	962	13	3,681	13	2.6	2.5 *** △	.10	2.6	.01	2.7	-.03	
		2	Some	516	32	3,219	35	2,452	33	9,180	31								
		3	Quite a bit	535	33	2,920	31	2,487	32	9,466	31								
		4	Very much	341	21	1,761	19	1,632	21	7,218	24								
		Total		1,589	100	9,231	100	7,533	100	29,545	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	142	9	773	9	576	8	2,435	9	2.7	2.7	.04	2.7	-.02	2.8 *	-.07	
		2	Some	502	31	3,137	35	2,431	33	8,878	31								
		3	Quite a bit	610	39	3,469	37	2,879	38	10,941	37								
		4	Very much	323	21	1,803	19	1,617	21	7,169	24								
		Total		1,577	100	9,182	100	7,503	100	29,423	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

		Your seniors compared with																
		Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	159	10	1,049	11	842	10	3,599	11	2.8	2.7 *	.06	2.7	.03	2.7 *	.06
		2	Sometimes	488	30	2,855	31	2,304	30	9,110	30							
		3	Often	543	34	3,098	33	2,576	35	9,725	33							
		4	Very often	399	27	2,263	25	1,840	25	7,228	25							
		Total		1,589	100	9,265	100	7,562	100	29,662	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	266	16	1,741	19	1,351	18	5,580	19	2.6	2.4 ***	.12	2.5 **	.08	2.5 ***	.09
		2	Sometimes	529	33	3,325	36	2,663	35	10,388	35							
		3	Often	461	29	2,510	27	2,177	29	8,183	28							
		4	Very often	335	21	1,678	18	1,361	18	5,470	19							
		Total		1,591	100	9,254	100	7,552	100	29,621	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	225	14	1,270	14	1,023	13	4,691	16	2.6	2.5	.04	2.6	.01	2.5 *	.06
		2	Sometimes	553	35	3,368	36	2,694	36	10,564	36							
		3	Often	500	31	2,890	31	2,430	33	8,894	30							
		4	Very often	309	20	1,693	18	1,386	19	5,366	18							
		Total		1,587	100	9,221	100	7,533	100	29,515	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	86	7	440	5	306	5	1,788	7	7.6	7.6	.00	7.9	-.04	7.2 **	.07
		1.5	1-2	284	19	1,598	19	1,218	18	5,601	21							
		4	3-5	391	27	2,310	27	1,929	27	7,535	28							
		8	6-10	309	21	2,044	24	1,701	24	5,968	22							
		13	11-15	189	12	971	11	792	11	2,802	10							
		18	16-20	85	6	549	6	466	6	1,517	5							
		23	More than 20	133	9	765	8	662	9	2,184	8							
		Total		1,477	100	8,677	100	7,074	100	27,395	100							
b. Between 6 and 10 pages	wrmednum (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	305	22	1,769	21	1,453	21	6,593	25	3.2	3.4	-.03	3.2	.01	3.1	.04
		1.5	1-2	572	39	3,083	36	2,618	37	9,856	36							
		4	3-5	354	23	2,302	27	1,847	26	6,414	24							
		8	6-10	154	10	951	11	715	11	2,746	10							
		13	11-15	46	3	306	3	215	3	820	3							
		18	16-20	15	1	100	1	71	1	291	1							
		23	More than 20	17	1	61	1	52	1	260	1							
Total		1,463	100	8,572	100	6,971	100	26,980	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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The University of Arizona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. 11 pages or more	wrlongnum	0	None	643	46	3,599	42	2,992	42	12,463	47	1.9	2.0	-.04	1.9	-.01	1.8	.02
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	527	36	3,185	38	2,613	39	9,351	35							
		4	3-5	151	10	1,005	12	799	12	2,880	11							
		8	6-10	60	4	330	4	231	4	965	4							
		13	11-15	16	1	147	2	93	1	374	1							
		18	16-20	11	1	68	1	47	1	170	1							
		23	More than 20	14	1	74	1	51	1	253	1							
		Total			1,422	100	8,408	100	6,826	100	26,456	100						
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									75.6	77.8	-.03	76.0	.00	70.9 *	.06
8. During the current school year, about how often have you had discussions with people from the following groups?																		
a. People of a race or ethnicity other than your own	DDrace	1	Never	35	3	250	3	216	3	996	4	3.3	3.2	.02	3.2 ***	.10	3.2	.04
		2	Sometimes	280	19	1,838	19	1,657	22	5,581	19							
		3	Often	443	29	2,553	28	2,169	29	7,938	28							
		4	Very often	755	50	4,203	50	3,151	45	13,599	49							
			Total	1,513	100	8,844	100	7,193	100	28,114	100							
b. People from an economic background other than your own	DDeconomic	1	Never	41	3	261	3	217	3	975	4	3.2	3.2 **	.08	3.1 ***	.12	3.2 *	.05
		2	Sometimes	261	17	1,934	21	1,580	22	5,542	20							
		3	Often	506	34	2,928	33	2,520	35	9,071	32							
		4	Very often	699	46	3,710	43	2,863	40	12,475	45							
			Total	1,507	100	8,833	100	7,180	100	28,063	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	52	4	292	4	239	4	1,212	4	3.2	3.2	.00	3.1	.03	3.2	.02
		2	Sometimes	290	20	1,857	20	1,571	21	5,817	21							
		3	Often	483	32	2,778	31	2,333	32	8,438	30							
		4	Very often	682	44	3,881	45	3,010	43	12,519	45							
			Total	1,507	100	8,808	100	7,153	100	27,986	100							
d. People with political views other than your own	DDpolitical	1	Never	56	4	370	5	284	4	1,306	5	3.1	3.1 ***	.11	3.1 **	.09	3.1	.04
		2	Sometimes	302	20	2,194	25	1,690	24	6,079	22							
		3	Often	492	32	2,758	31	2,334	33	8,605	31							
		4	Very often	655	43	3,445	39	2,812	40	11,868	43							
			Total	1,505	100	8,767	100	7,120	100	27,858	100							

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NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
												<i>Your seniors compared with</i>							
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	29	2	213	3	172	3	636	2	3.3	3.1 ***	.14	3.2 ***	.13	3.2 **	.08	
		2	Sometimes	218	15	1,609	19	1,235	18	4,616	17								
		3	Often	581	38	3,447	39	2,802	40	10,777	39								
		4	Very often	680	45	3,535	39	2,945	39	11,921	42								
		Total		1,508	100	8,804	100	7,154	100	27,950	100								
b. Reviewed your notes after class	LSnotes	1	Never	117	8	893	11	720	10	2,274	8	2.8	2.7 ***	.15	2.7 ***	.14	2.8	.00	
		2	Sometimes	499	33	3,184	36	2,578	36	8,818	32								
		3	Often	440	29	2,541	29	2,018	29	8,325	30								
		4	Very often	454	30	2,158	24	1,815	25	8,443	29								
		Total		1,510	100	8,776	100	7,131	100	27,860	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	119	8	739	9	591	9	2,039	8	2.8	2.7 ***	.11	2.7 **	.09	2.8	-.01	
		2	Sometimes	453	30	2,871	33	2,269	32	8,126	30								
		3	Often	488	33	2,941	34	2,430	34	9,329	34								
		4	Very often	428	29	2,108	24	1,756	24	8,082	29								
		Total		1,488	100	8,659	100	7,046	100	27,576	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	8	1	49	1	33	1	149	1	5.4	5.4	.01	5.5	-.02	5.5 **	-.09	
		2		19	2	134	2	107	2	385	1								
		3		70	5	318	4	256	4	926	3								
		4		144	10	944	11	722	10	2,730	10								
		5		497	32	2,851	32	2,314	32	8,480	30								
		6		470	31	2,949	33	2,380	33	8,842	32								
		7	Very much	300	20	1,528	18	1,315	19	6,322	23								
		Total		1,508	100	8,773	100	7,127	100	27,834	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	71	5	464	6	347	5	1,847	7	62%	61%	.04	63%	-.01	55% ***	.15	
			Do not plan to do	196	13	1,252	14	984	13	4,339	16								
			Plan to do	277	19	1,704	19	1,325	19	6,256	22								
			Done or in progress	962	62	5,363	61	4,481	63	15,422	55								
			Total		1,506	100	8,783	100	7,137	100	27,864								100

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Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	113	8	567	7	441	6	2,463	9	44%	48% **	-0.08	51% ***	-0.13	41% **	.07
			Do not plan to do	580	39	3,227	38	2,539	36	11,888	43							
			Plan to do	128	9	602	7	456	6	2,195	8							
			Done or in progress	680	44	4,355	48	3,674	51	11,269	41							
			Total	1,501	100	8,751	100	7,110	100	27,815	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	160	11	600	7	440	6	2,609	9	29%	26% **	.07	30%	-0.02	26% **	.07
			Do not plan to do	778	52	5,268	60	4,163	58	15,681	57							
			Plan to do	117	8	604	7	417	6	2,249	8							
			Done or in progress	443	29	2,286	26	2,101	30	7,227	26							
			Total	1,498	100	8,758	100	7,121	100	27,766	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	145	10	613	7	487	7	2,820	10	19%	23% ***	-0.10	25% ***	-0.14	17%	.04
			Do not plan to do	931	63	5,365	63	4,350	62	17,714	65							
			Plan to do	119	8	588	7	461	6	2,222	8							
			Done or in progress	299	19	2,174	23	1,811	25	4,963	17							
			Total	1,494	100	8,740	100	7,109	100	27,719	100							
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	150	10	842	10	676	10	3,594	13	37%	33% **	.07	33% **	.09	27% ***	.21
			Do not plan to do	583	39	3,891	44	3,299	46	12,944	46							
			Plan to do	205	14	1,038	12	795	12	3,680	13							
			Done or in progress	559	37	2,936	33	2,317	33	7,407	27							
			Total	1,497	100	8,707	100	7,087	100	27,625	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	124	8	725	8	446	6	2,340	9	42%	41%	.02	47% ***	-0.10	43%	-0.02
			Do not plan to do	445	29	2,898	33	1,925	28	7,353	27							
			Plan to do	299	21	1,523	17	1,371	19	6,167	21							
			Done or in progress	628	42	3,573	41	3,348	47	11,845	43							
			Total	1,496	100	8,719	100	7,090	100	27,705	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse		1 None	599	41	4,577	55	3,331	48	12,840	48	1.7	1.5 ***	.28	1.6 ***	.16	1.6 ***	.14
			2 Some	760	50	3,692	41	3,322	46	12,789	45							
			3 Most	114	7	386	4	368	5	1,785	6							
			4 All	18	1	56	1	62	1	254	1							
			Total	1,491	100	8,711	100	7,083	100	27,668	100							

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				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona		Your seniors compared with					
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	7	0	98	1	67	1	308	1	5.6	5.6	.00	5.7 **	-.10	5.7 **	-.08	
		2		24	2	116	1	83	1	411	1								
		3		72	5	350	4	247	3	1,055	4								
		4		155	10	799	9	569	8	2,339	8								
		5		356	23	2,107	24	1,647	23	6,168	22								
		6		454	30	2,915	33	2,393	33	8,633	31								
		7	Excellent	433	29	2,365	27	2,105	30	8,736	31								
		—	Not applicable	6	0	20	0	18	0	209	1								
			Total	1,507	100	8,770	100	7,129	100	27,859	100								
b. Academic advisors	QIadvisor	1	Poor	55	4	452	6	309	5	1,632	6	5.4	4.8 ***	.30	5.0 ***	.20	4.9 ***	.23	
		2		67	5	556	7	409	6	1,829	6								
		3		90	6	840	10	640	9	2,492	9								
		4		175	12	1,293	15	1,016	14	3,924	14								
		5		262	17	1,815	20	1,443	20	5,312	19								
		6		348	23	1,802	20	1,502	21	5,478	20								
		7	Excellent	503	34	1,844	21	1,736	25	6,710	25								
		—	Not applicable	4	0	163	2	65	1	438	2								
			Total	1,504	100	8,765	100	7,120	100	27,815	100								
c. Faculty	QIfaculty	1	Poor	20	1	109	1	74	1	416	2	5.4	5.3 ***	.10	5.4	.03	5.4	.02	
		2		31	2	215	3	157	2	657	2								
		3		71	5	474	6	319	5	1,454	5								
		4		172	12	1,214	14	940	13	3,431	12								
		5		411	27	2,384	27	1,907	27	6,935	25								
		6		427	28	2,676	30	2,261	31	8,323	30								
		7	Excellent	354	24	1,586	18	1,384	20	6,251	23								
		—	Not applicable	7	0	43	1	33	1	187	1								
			Total	1,493	100	8,701	100	7,075	100	27,654	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	51	3	343	4	243	4	1,218	5	4.9	4.8 ** △	.09	4.9	.00	4.9	.03	
		2		53	4	437	5	316	4	1,326	5								
		3		115	7	721	8	491	7	2,095	8								
		4		234	16	1,418	16	1,072	15	3,926	14								
		5		350	23	2,015	22	1,614	22	5,635	20								
		6		259	17	1,776	20	1,573	22	5,342	19								
		7	Excellent	223	15	1,150	13	993	14	4,161	15								
		—	Not applicable	206	14	869	11	796	11	4,014	15								
	Total	1,491	100	8,729	100	7,098	100	27,717	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	73	5	472	6	319	5	1,670	6	4.6	4.5 * △	.07	4.7	-.05	4.6	.00	
		2		104	7	546	7	363	5	1,801	6								
		3		176	11	830	10	591	8	2,637	9								
		4		262	17	1,550	18	1,180	17	4,723	17								
		5		326	22	1,996	22	1,639	23	5,976	21								
		6		281	19	1,618	18	1,470	20	5,138	18								
		7	Excellent	193	13	897	10	821	12	3,758	14								
		—	Not applicable	84	5	834	9	726	10	2,065	8								
	Total	1,499	100	8,743	100	7,109	100	27,768	100										
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	27	2	138	2	95	1	523	2	3.1	3.2 ** ▽	-.09	3.2 **	-.09	3.2	-.02	
		2	Some	253	18	1,257	15	1,024	15	4,443	17								
		3	Quite a bit	638	44	3,527	42	2,931	44	11,606	44								
		4	Very much	530	37	3,472	41	2,751	40	9,885	37								
			Total	1,448	100	8,394	100	6,801	100	26,457	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	59	5	397	5	268	4	1,304	5	3.0	2.8 *** △	.17	2.9 **	.08	2.9 **	.08	
		2	Some	315	22	2,344	29	1,694	26	6,387	25								
		3	Quite a bit	634	44	3,584	42	2,997	44	11,199	42								
		4	Very much	432	29	2,015	24	1,800	26	7,422	27								
			Total	1,440	100	8,340	100	6,759	100	26,312	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	114	8	760	10	522	8	2,243	9	2.9	2.7 *** △	.15	2.8	.05	2.8 *	.05	
		2	Some	343	24	2,458	30	1,799	27	6,802	27								
		3	Quite a bit	559	39	3,164	37	2,626	39	9,901	38								
		4	Very much	420	28	1,946	23	1,802	26	7,349	27								
			Total	1,436	100	8,328	100	6,749	100	26,295	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				Your seniors compared with															
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	246	18	1,312	16	1,033	15	4,030	15	2.5	2.6 **	-.08	2.6 **	-.09	2.6 ***	-.11	
		2	Some	520	36	2,826	33	2,260	33	8,284	31								
		3	Quite a bit	387	27	2,524	30	2,075	31	8,072	31								
		4	Very much	292	20	1,693	21	1,407	21	5,963	23								
		Total		1,445	100	8,355	100	6,775	100	26,349	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	89	6	481	6	357	5	1,601	6	2.9	2.9	-.02	3.0 ***	-.10	3.0 **	-.08	
		2	Some	377	26	2,057	25	1,517	23	5,929	23								
		3	Quite a bit	554	39	3,324	39	2,683	40	10,224	39								
		4	Very much	423	29	2,480	29	2,203	32	8,578	32								
		Total		1,443	100	8,342	100	6,760	100	26,332	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	117	9	540	7	474	7	1,999	8	2.9	2.9	.02	2.9	.00	2.9	.00	
		2	Some	319	22	2,023	25	1,579	24	5,835	23								
		3	Quite a bit	546	37	3,318	40	2,612	39	9,940	38								
		4	Very much	460	32	2,435	29	2,073	30	8,443	31								
		Total		1,442	100	8,316	100	6,738	100	26,217	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	470	33	2,763	33	2,118	31	8,257	32	2.1	2.0 *	.07	2.1	.03	2.1	.01	
		2	Some	508	35	3,126	38	2,564	38	9,406	36								
		3	Quite a bit	304	21	1,673	20	1,417	21	5,539	21								
		4	Very much	163	12	742	9	637	10	2,986	11								
		Total		1,445	100	8,304	100	6,736	100	26,188	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	117	8	575	7	500	8	2,084	8	2.9	2.9	.01	2.9	.00	2.9	-.02	
		2	Some	382	27	2,212	27	1,761	27	6,538	25								
		3	Quite a bit	515	35	3,238	38	2,570	38	9,680	37								
		4	Very much	424	30	2,281	27	1,903	28	7,850	30								
		Total		1,438	100	8,306	100	6,734	100	26,152	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	297	21	1,337	16	1,025	15	4,164	16	2.3	2.4 ***	-.10	2.5 ***	-.14	2.5 ***	-.14	
		2	Some	553	39	3,168	38	2,539	38	9,567	37								
		3	Quite a bit	383	26	2,589	31	2,099	31	7,951	30								
		4	Very much	199	14	1,182	14	1,053	16	4,380	16								
		Total		1,432	100	8,276	100	6,716	100	26,062	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Item wording or description		Variable name ^c		Values ^d		Response options		Your seniors compared with											
								Frequency Distributions ^a				Statistical Comparisons ^b							
								Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers
Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e					
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)																			
	tmprephrs	0	0 hrs	3	0	31	0	18	0	103	0	14.9	15.9 *** ▽	-1.0	15.7 ** ▽	-.09	14.9	.01	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	199	13	920	12	778	12	3,790	14								
		8	6-10 hrs	341	23	1,736	22	1,459	22	6,299	24								
		13	11-15 hrs	303	21	1,655	19	1,391	20	5,182	20								
		18	16-20 hrs	262	18	1,501	18	1,197	18	4,300	16								
		23	21-25 hrs	138	9	1,027	12	778	11	2,751	10								
		28	26-30 hrs	66	5	613	7	472	7	1,629	6								
		33	More than 30 hrs	132	10	851	10	644	10	2,201	9								
			Total	1,444	100	8,334	100	6,737	100	26,255	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)																			
	tmcocurrhrs	0	0 hrs	468	33	2,093	27	1,690	26	9,292	36	5.3	6.3 *** ▽	-.14	6.4 *** ▽	-.16	5.3	.00	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	487	33	2,891	34	2,321	33	8,258	31								
		8	6-10 hrs	243	16	1,564	19	1,286	19	4,070	16								
		13	11-15 hrs	118	8	819	10	677	10	2,125	8								
		18	16-20 hrs	65	4	474	6	395	6	1,244	5								
		23	21-25 hrs	29	2	223	3	169	2	557	2								
		28	26-30 hrs	11	1	97	1	84	1	253	1								
		33	More than 30 hrs	18	1	121	2	97	2	320	1								
			Total	1,439	100	8,282	100	6,719	100	26,119	100								
c. Working for pay on campus																			
	tmworkonhrs	0	0 hrs	856	60	4,834	60	3,839	58	18,074	70	5.9	4.9 *** △	.13	5.3 * △	.07	4.1 *** △	.24	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	52	3	516	6	396	6	1,074	4								
		8	6-10 hrs	129	9	1,051	12	845	12	2,238	8								
		13	11-15 hrs	172	12	907	10	805	12	1,955	7								
		18	16-20 hrs	132	9	576	7	455	7	1,567	6								
		23	21-25 hrs	62	4	249	3	217	3	632	2								
		28	26-30 hrs	25	2	98	1	97	1	270	1								
		33	More than 30 hrs	17	1	70	1	74	1	349	1								
			Total	1,445	100	8,301	100	6,728	100	26,159	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	800	55	5,205	62	4,095	61	13,192	51	7.7	6.0 *** △	.18	6.3 *** △	.14	9.5 *** ▽	-.15
	(Recorded version of tmworkoff created by NSSE.	3	1-5 hrs	91	6	468	6	368	5	1,317	5							
		8	6-10 hrs	92	6	615	7	488	7	1,695	7							
		13	11-15 hrs	118	9	552	7	458	7	1,800	7							
	Values are estimated number of hours per week.)	18	16-20 hrs	107	7	570	7	472	7	2,228	9							
		23	21-25 hrs	88	6	360	4	289	4	1,642	6							
		28	26-30 hrs	58	4	183	2	170	3	1,165	4							
		33	More than 30 hrs	79	6	288	4	328	5	2,974	11							
	Total			1,433	100	8,241	100	6,668	100	26,013	100							
Estimated number of hours working for pay	tmworkhrs											13.5	10.8 *** △	.24	11.5 *** △	.18	13.4	.01
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	576	42	4,234	54	3,190	50	12,871	51	3.6	2.7 *** △	.19	2.8 *** △	.17	3.0 *** △	.13
	(Recorded version of tmservice created by NSSE.	3	1-5 hrs	565	38	2,881	33	2,562	36	9,025	34							
		8	6-10 hrs	149	10	600	7	491	7	2,063	8							
	Values are estimated number of hours per week.)	13	11-15 hrs	70	5	256	3	212	3	914	3							
		18	16-20 hrs	38	3	127	2	98	2	532	2							
		23	21-25 hrs	11	1	80	1	58	1	238	1							
		28	26-30 hrs	2	0	26	0	25	0	106	0							
		33	More than 30 hrs	15	1	24	0	31	1	187	1							
	Total			1,426	100	8,228	100	6,667	100	25,936	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	20	2	103	2	70	1	463	2	11.3	13.2 *** ▽	-.22	13.2 *** ▽	-.23	12.3 *** ▽	-.11
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	331	23	1,416	17	1,172	17	5,616	21							
		8	6-10 hrs	426	29	2,249	27	1,817	26	7,152	27							
		13	11-15 hrs	324	23	1,790	21	1,479	21	5,308	20							
		18	16-20 hrs	171	12	1,272	15	1,020	16	3,498	14							
		23	21-25 hrs	72	5	616	8	500	8	1,759	7							
		28	26-30 hrs	33	2	313	4	252	4	841	3							
		33	More than 30 hrs	54	4	486	7	371	6	1,393	6							
	Total			1,431	100	8,245	100	6,681	100	26,030	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	1,058	73	6,802	81	5,530	82	19,281	74	3.5	2.2 *** △	.19	2.3 *** △	.16	3.8	-.03
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	144	10	628	8	451	7	2,318	9							
	8	6-10 hrs	64	4	273	4	179	3	1,124	4								
	13	11-15 hrs	54	4	156	2	132	2	740	3								
	18	16-20 hrs	25	2	108	2	94	1	541	2								
	23	21-25 hrs	17	1	72	1	51	1	298	1								
	28	26-30 hrs	12	1	46	1	36	1	189	1								
	33	More than 30 hrs	60	4	159	2	197	3	1,503	6								
	Total		1,434	100	8,244	100	6,670	100	25,994	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	47	3	1,146	15	805	13	2,917	11	5.3	4.7 *** △	.11	4.5 *** △	.16	5.1	.04
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	988	68	5,022	57	4,282	62	16,004	60							
	8	6-10 hrs	263	18	1,464	19	1,157	18	4,748	19								
	13	11-15 hrs	86	6	388	5	279	4	1,367	6								
	18	16-20 hrs	29	2	145	2	102	2	552	2								
	23	21-25 hrs	9	1	60	1	42	1	209	1								
	28	26-30 hrs	5	0	29	0	18	0	108	0								
	33	More than 30 hrs	16	1	39	1	29	0	233	1								
	Total		1,443	100	8,293	100	6,714	100	26,138	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?												2.8	2.7	.03	2.7	.02	2.8	-.01
reading	1	Very little	216	15	1,399	18	1,069	17	4,269	17								
	2	Some	444	32	2,454	31	1,942	30	7,468	29								
	3	About half	354	25	1,822	21	1,599	23	6,334	24								
	4	Most	292	20	1,805	21	1,427	20	5,593	21								
	5	Almost all	130	9	786	9	658	9	2,401	9								
	Total		1,436	100	8,266	100	6,695	100	26,065	100								
tmreadinghrs												6.7	6.9	-.04	6.9	-.04	6.7	-.01
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmrephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																		

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a						Statistical Comparisons ^b										
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona	Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
	tmreadinghrscol	1	0 hrs	3	0	30	0	17	0	98	0									
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	719	51	3,837	49	3,092	49	12,892	51									
		3	More than 5, up to 10 hrs	427	30	2,522	30	2,054	30	7,649	29									
		4	More than 10, up to 15 hrs	131	9	827	9	688	10	2,429	9									
		5	More than 15, up to 20 hrs	73	5	529	6	413	6	1,468	6									
		6	More than 20, up to 25 hrs	45	3	380	4	301	4	1,018	4									
		7	More than 25 hrs	27	2	112	1	95	1	377	1									
			Total		1,425	100	8,237	100	6,660	100	25,931	100								

17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

a. Writing clearly and effectively	pgwrite	1	Very little	92	7	605	8	387	6	1,773	7	3.0	2.9 *** △	.11	3.0	.04	3.0 *	.07
		2	Some	294	20	1,957	24	1,522	23	5,970	23							
		3	Quite a bit	510	35	3,085	37	2,486	37	9,488	36							
		4	Very much	546	37	2,651	32	2,326	34	8,964	34							
		Total		1,442	100	8,298	100	6,721	100	26,195	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	113	8	741	9	519	8	2,278	9	3.0	2.8 *** △	.12	2.9	.05	2.9 **	.07
		2	Some	312	22	2,087	25	1,619	25	6,389	25							
		3	Quite a bit	515	35	3,052	36	2,461	36	9,224	35							
		4	Very much	499	34	2,399	29	2,102	31	8,206	31							
		Total		1,439	100	8,279	100	6,701	100	26,097	100							
c. Thinking critically and analytically	pgthink	1	Very little	26	2	145	2	105	2	626	3	3.3	3.3	.01	3.4	-.04	3.3	.04
		2	Some	190	14	985	13	727	11	3,359	13							
		3	Quite a bit	483	33	2,877	35	2,341	35	9,276	35							
		4	Very much	738	52	4,260	50	3,527	52	12,836	49							
		Total		1,437	100	8,267	100	6,700	100	26,097	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	103	7	710	8	537	7	2,537	9	3.0	3.0	.02	3.0	-.01	2.9 *	.06
		2	Some	348	24	2,014	24	1,635	23	6,476	24							
		3	Quite a bit	478	33	2,568	31	2,107	32	8,220	31							
		4	Very much	511	36	2,985	37	2,425	38	8,858	35							
		Total		1,440	100	8,277	100	6,704	100	26,091	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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Seniors

Frequency Distributions^a

Statistical Comparisons^b

				Your seniors compared with															
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	144	10	738	10	502	8	2,376	10	2.9	2.9	.00	3.0 ***	-.12	2.9	-.05	
		2	Some	361	26	2,098	26	1,496	22	6,221	24								
		3	Quite a bit	457	31	2,751	33	2,276	34	8,523	32								
		4	Very much	475	33	2,692	32	2,431	36	9,015	34								
		Total		1,437	100	8,279	100	6,705	100	26,135	100								
f. Working effectively with others	pgothers	1	Very little	58	4	399	6	281	5	1,383	6	3.1	3.0 **	.09	3.1	.01	3.0 *	.06	
		2	Some	307	22	1,852	23	1,374	21	5,602	22								
		3	Quite a bit	510	35	3,133	37	2,516	37	9,495	36								
		4	Very much	559	38	2,874	34	2,517	37	9,592	36								
		Total		1,434	100	8,258	100	6,688	100	26,072	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	186	14	1,161	15	825	13	3,568	15	2.7	2.7 *	.06	2.7	-.01	2.7	.00	
		2	Some	396	28	2,405	29	1,877	28	6,954	27								
		3	Quite a bit	449	30	2,636	31	2,151	32	8,031	30								
		4	Very much	409	28	2,069	25	1,838	27	7,557	28								
		Total		1,440	100	8,271	100	6,691	100	26,110	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	154	12	825	10	624	10	2,752	11	2.8	2.8	-.03	2.8	-.05	2.8	-.05	
		2	Some	422	30	2,391	29	1,939	29	7,131	28								
		3	Quite a bit	448	30	2,773	33	2,239	33	8,394	32								
		4	Very much	414	28	2,284	28	1,898	28	7,840	30								
		Total		1,438	100	8,273	100	6,700	100	26,117	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	139	10	746	10	513	8	2,457	10	2.9	2.8	.04	2.9	-.03	2.8	.03	
		2	Some	368	26	2,305	28	1,813	27	7,037	27								
		3	Quite a bit	482	33	2,847	34	2,346	35	8,871	33								
		4	Very much	450	31	2,380	29	2,024	30	7,734	30								
		Total		1,439	100	8,278	100	6,696	100	26,099	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	195	14	1,179	15	814	13	3,439	14	2.7	2.6 *	.07	2.7	-.01	2.7	-.01	
		2	Some	448	31	2,657	32	2,098	32	7,838	30								
		3	Quite a bit	428	29	2,637	31	2,175	32	8,231	31								
		4	Very much	365	25	1,782	21	1,594	23	6,486	24								
		Total		1,436	100	8,255	100	6,681	100	25,994	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

The University of Arizona

Seniors

				Frequency Distributions ^a						Statistical Comparisons ^b									
				Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k		Arizona		Selected AAUDE Peers		Selected UA Peers		Carnegie > 20k	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	23	2	135	2	102	2	529	2	3.3	3.3	.01	3.4 **	-.10	3.3	.02	
		2	Fair	150	11	797	10	545	9	2,615	11								
		3	Good	624	43	3,668	45	2,797	42	11,693	44								
		4	Excellent	645	44	3,710	43	3,290	48	11,406	43								
			Total	1,442	100	8,310	100	6,734	100	26,243	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	45	4	259	4	170	3	898	4	3.3	3.3	.04	3.4	-.05	3.3	.03	
		2	Probably no	140	10	876	11	648	10	2,757	11								
		3	Probably yes	529	37	3,141	38	2,366	35	9,766	37								
		4	Definitely yes	730	49	4,038	47	3,555	52	12,844	48								
			Total	1,444	100	8,314	100	6,739	100	26,265	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics^g

The University of Arizona

First-Year Students

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Arizona	Arizona	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Arizona	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Arizona	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Comparisons with:			Comparisons with:			Comparisons with:						
														Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k				
1 a. askquest	1,436	2.80	2.78	2.85	2.75	.022	.010	.011	.006	.83	.85	.84	.86	9,149	7,272	1,648	.550	.037	.057	.02	-.06	.05				
b. drafts	1,425	2.64	2.35	2.35	2.41	.026	.011	.013	.007	.98	.97	.98	.99	9,090	7,233	22,364	.000	.000	.000	.29	.29	.23				
c. unpreparedr	1,411	2.81	2.85	2.87	2.90	.021	.009	.010	.005	.80	.79	.79	.78	9,048	2,130	1,599	.042	.005	.000	-.06	-.08	-.12				
d. attendart	1,398	1.77	1.94	1.96	1.93	.024	.010	.012	.006	.92	.89	.90	.92	1,918	2,101	1,593	.000	.000	.000	-.19	-.21	-.17				
e. CLaskhelp	1,392	2.73	2.73	2.77	2.69	.024	.010	.011	.006	.88	.86	.85	.87	8,937	2,079	22,007	.905	.110	.098	.00	-.05	.05				
f. CLexplain	1,383	2.82	2.84	2.88	2.81	.021	.009	.011	.006	.80	.81	.80	.81	8,802	7,000	1,586	.348	.015	.503	-.03	-.07	.02				
g. CLstudy	1,386	2.72	2.69	2.72	2.66	.025	.011	.012	.007	.93	.93	.93	.95	8,810	6,994	1,593	.156	.798	.020	.04	.01	.06				
h. CLproject	1,376	2.79	2.67	2.74	2.64	.023	.010	.011	.006	.85	.86	.85	.87	1,940	6,955	1,579	.000	.044	.000	.14	.06	.17				
i. present	1,361	2.20	2.16	2.25	2.16	.024	.010	.012	.006	.87	.86	.90	.88	8,638	2,150	21,240	.115	.045	.187	.05	-.06	.04				
2 a. RIntegrate	1,326	2.64	2.70	2.76	2.71	.022	.010	.011	.006	.82	.84	.83	.85	8,459	6,699	20,751	.010	.000	.004	-.08	-.15	-.08				
b. RIsocietal	1,310	2.60	2.60	2.62	2.62	.024	.010	.012	.006	.86	.87	.87	.87	8,347	6,624	20,515	.912	.421	.289	.00	-.02	-.03				
c. RIdiverse	1,318	2.60	2.52	2.53	2.55	.024	.011	.012	.006	.86	.88	.89	.89	8,349	2,073	1,518	.003	.013	.029	.09	.07	.06				
d. Rlownview	1,308	2.75	2.72	2.74	2.75	.022	.010	.011	.006	.80	.83	.83	.83	1,867	6,598	1,505	.262	.621	.891	.03	.02	.00				
e. Rlperspect	1,311	2.87	2.82	2.85	2.86	.022	.010	.011	.006	.80	.81	.81	.82	8,308	6,600	20,395	.067	.497	.587	.06	.02	.02				
f. Rlnewview	1,310	2.85	2.83	2.86	2.85	.022	.010	.011	.006	.80	.80	.79	.80	8,284	6,587	20,325	.453	.740	.872	.02	-.01	.00				
g. Rlconnect	1,300	3.04	3.06	3.09	3.07	.021	.009	.010	.006	.75	.77	.75	.77	1,848	6,554	1,495	.290	.023	.103	-.03	-.07	-.05				
3 a. SFcareer	1,308	2.18	2.11	2.23	2.18	.025	.010	.012	.006	.89	.87	.88	.89	1,808	6,558	20,247	.012	.073	.936	.08	-.06	.00				
b. SFotherwork	1,302	1.76	1.74	1.79	1.73	.026	.011	.013	.007	.92	.89	.92	.91	1,781	6,539	20,176	.476	.341	.215	.02	-.03	.04				
c. SFdiscuss	1,301	1.99	1.98	2.02	1.97	.025	.011	.012	.006	.89	.88	.89	.88	8,217	6,535	20,136	.781	.291	.344	.01	-.03	.03				
d. SFperform	1,293	2.10	1.98	2.03	2.05	.025	.010	.012	.006	.89	.85	.87	.87	1,765	1,941	1,466	.000	.013	.033	.14	.08	.06				
4 a. memorize	1,304	3.00	2.98	3.01	3.02	.022	.010	.011	.006	.80	.81	.80	.81	8,223	6,538	1,496	.401	.839	.434	.03	-.01	-.02				
b. HOapply	1,290	2.99	3.08	3.11	3.03	.023	.010	.011	.006	.82	.79	.78	.81	8,177	6,504	20,073	.000	.000	.052	-.12	-.15	-.06				
c. HOanalyze	1,289	3.04	3.01	3.02	2.99	.022	.010	.011	.006	.80	.83	.83	.83	8,157	6,485	20,004	.369	.498	.071	.03	.02	.05				
d. HOevaluate	1,291	2.97	2.82	2.82	2.86	.023	.010	.012	.006	.81	.86	.86	.85	1,884	2,077	1,495	.000	.000	.000	.17	.17	.13				
e. HOform	1,281	2.96	2.85	2.86	2.86	.023	.010	.012	.006	.81	.85	.85	.86	1,860	2,045	1,489	.000	.000	.000	.12	.12	.12				
5 a. ETgoals	1,302	3.04	3.10	3.16	3.14	.022	.009	.010	.006	.80	.75	.74	.76	8,198	6,532	20,070	.003	.000	.000	-.09	-.16	-.13				
b. ETorganize	1,301	2.99	3.08	3.12	3.11	.022	.009	.010	.006	.80	.75	.74	.76	8,188	6,516	20,012	.000	.000	.000	-.12	-.18	-.16				
c. ETexample	1,294	3.02	3.09	3.13	3.10	.023	.009	.011	.006	.82	.78	.77	.80	8,163	6,491	1,469	.009	.000	.001	-.08	-.14	-.10				
d. ETdraftfb	1,299	2.79	2.65	2.66	2.72	.024	.011	.013	.007	.88	.92	.93	.93	1,880	2,084	1,510	.000	.000	.004	.16	.14	.08				
e. ETfeedback	1,293	2.61	2.63	2.68	2.66	.025	.011	.012	.007	.89	.89	.89	.91	8,134	6,474	19,874	.535	.027	.122	-.02	-.07	-.04				

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Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Arizona	Comparisons with:				Arizona	Comparisons with:			Arizona	Comparisons with:			Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k				
		Arizona	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k		Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k		Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k													
6 a. QRconclude	1,301	2.69	2.61	2.65	2.63	.025	.011	.013	.007	.91	.92	.92	.92	8,192	6,514	20,047	.005	.115	.016	.09	.05	.07				
b. QRproblem	1,301	2.41	2.30	2.35	2.34	.027	.011	.013	.007	.96	.93	.94	.95	1,795	6,505	20,008	.000	.032	.005	.12	.07	.08				
c. QRevaluate	1,297	2.38	2.36	2.39	2.36	.026	.011	.013	.007	.94	.90	.90	.91	1,783	1,942	19,945	.490	.777	.468	.02	-.01	.02				
7 a. wrshortnum	1,200	7.57	6.94	6.78	6.51	.169	.071	.084	.042	5.84	5.72	5.84	5.57	7,625	6,072	18,388	.000	.000	.000	.11	.13	.19				
b. wrmednum	1,163	2.46	2.10	1.90	2.00	.097	.038	.040	.022	3.29	2.97	2.78	2.83	1,534	1,593	1,285	.000	.000	.000	.12	.20	.16				
c. wrlongnum	1,119	.93	.74	.74	.76	.084	.029	.034	.019	2.82	2.29	2.32	2.45	1,404	1,508	1,238	.041	.039	.047	.08	.08	.07				
— wrpages	1,109	54.65	46.97	45.12	45.09	2.070	.708	.830	.449	68.94	54.75	56.05	56.70	1,379	1,484	1,214	.000	.000	.000	.13	.16	.17				
8 a. DDrace	1,210	3.20	3.27	3.21	3.23	.025	.010	.012	.007	.87	.84	.85	.86	7,696	6,117	18,578	.010	.617	.274	-.08	-.02	-.03				
b. DDeconomic	1,207	3.12	3.18	3.17	3.17	.025	.011	.012	.006	.86	.85	.84	.85	7,679	6,107	18,512	.016	.038	.032	-.08	-.07	-.06				
c. DDreligion	1,202	3.07	3.19	3.17	3.16	.026	.011	.012	.007	.90	.88	.87	.88	7,666	6,085	18,489	.000	.001	.001	-.14	-.11	-.10				
d. DDpolitical	1,191	3.01	3.07	3.10	3.10	.027	.011	.013	.007	.92	.91	.89	.90	7,626	6,055	18,396	.052	.003	.001	-.06	-.09	-.10				
9 a. LSreading	1,196	3.10	3.13	3.15	3.14	.023	.010	.011	.006	.78	.78	.78	.77	7,644	6,064	18,462	.163	.047	.094	-.04	-.06	-.05				
b. LSnotes	1,197	2.89	2.82	2.87	2.89	.026	.011	.013	.007	.89	.90	.90	.90	1,695	1,859	18,404	.021	.453	.774	.07	.02	-.01				
c. LSsummary	1,181	2.75	2.80	2.82	2.83	.026	.011	.013	.007	.91	.89	.90	.90	1,627	1,784	1,344	.152	.025	.006	-.05	-.07	-.08				
10. challenge	1,201	5.49	5.53	5.57	5.51	.033	.014	.016	.009	1.14	1.11	1.08	1.12	7,639	6,064	18,405	.265	.023	.544	-.04	-.07	-.02				
11 a. intern ^l	1,196	.117	.094	.101	.095	.0093	.0036	.0043	.0022	--	--	--	--	--	--	--	.012	.094	.012	.08	.05	.07				
b. leader ^l	1,192	.123	.146	.166	.135	.0095	.0044	.0053	.0026	--	--	--	--	--	--	--	.038	.000	.222	-.07	-.12	-.04				
c. learncom ^l	1,189	.093	.188	.234	.208	.0084	.0049	.0061	.0031	--	--	--	--	--	--	--	.000	.000	.000	-.28	-.39	-.33				
d. abroad ^l	1,191	.053	.045	.042	.044	.0065	.0026	.0029	.0016	--	--	--	--	--	--	--	.208	.111	.130	.04	.05	.04				
e. research ^l	1,187	.078	.065	.071	.062	.0078	.0031	.0037	.0019	--	--	--	--	--	--	--	.102	.381	.033	.05	.03	.06				
f. capstone ^l	1,186	.031	.031	.032	.032	.0051	.0022	.0025	.0014	--	--	--	--	--	--	--	.973	.910	.861	.00	.00	-.01				
12. servcourse	1,180	1.53	1.47	1.50	1.51	.018	.008	.009	.005	.63	.61	.62	.64	1,615	5,947	18,097	.002	.129	.245	.10	.05	.03				
13 a. QIstudent	1,191	5.37	5.57	5.62	5.59	.040	.016	.018	.010	1.39	1.27	1.27	1.32	1,577	1,713	1,342	.000	.000	.000	-.15	-.19	-.16				
b. QIadvisor	1,162	5.10	4.98	5.11	5.09	.049	.021	.024	.013	1.68	1.65	1.62	1.67	1,611	1,724	17,815	.029	.823	.937	.07	-.01	.00				
c. QIfaculty	1,169	4.98	5.11	5.21	5.15	.043	.017	.020	.011	1.48	1.39	1.35	1.42	1,571	1,677	17,994	.008	.000	.000	-.09	-.17	-.12				
d. QIstaff	1,053	4.84	4.95	5.04	4.98	.053	.020	.023	.013	1.71	1.53	1.52	1.60	1,367	1,462	1,177	.052	.001	.011	-.07	-.13	-.09				
e. QIadmin	1,081	4.66	4.67	4.79	4.71	.051	.022	.025	.013	1.69	1.62	1.62	1.67	1,491	1,624	16,319	.831	.023	.320	-.01	-.08	-.03				
14 a. empstudy	1,116	3.15	3.25	3.26	3.21	.022	.010	.011	.006	.75	.74	.74	.74	1,543	1,680	17,109	.000	.000	.006	-.14	-.16	-.08				
b. SEacademic	1,114	3.04	3.06	3.11	3.12	.025	.010	.012	.006	.82	.80	.80	.81	7,151	5,654	17,009	.409	.006	.003	-.03	-.09	-.09				
c. SElearnsup	1,103	3.12	3.06	3.10	3.13	.026	.011	.013	.007	.85	.85	.85	.86	7,126	5,639	16,999	.026	.485	.727	.07	.02	-.01				

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Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	Arizona	Comparisons with:				Arizona	Comparisons with:			Arizona	Comparisons with:			Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	
		Arizona	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k		Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k		Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k													Selected AAUDE Peers
d. SEdiverse	1,116	2.60	2.82	2.84	2.80	.028	.012	.014	.008	.94	.94	.94	.95	1,553	5,651	17,029	.000	.000	.000	-.24	-.25	-.22				
e. SEsocial	1,114	2.96	3.07	3.12	3.12	.026	.011	.012	.007	.86	.83	.83	.84	7,155	5,650	17,008	.000	.000	.000	-.14	-.19	-.19				
f. SEwellness	1,107	2.97	3.06	3.11	3.11	.027	.011	.012	.007	.90	.84	.84	.85	1,482	5,638	16,958	.001	.000	.000	-.11	-.16	-.16				
g. SEnonacad	1,108	2.35	2.36	2.41	2.42	.030	.012	.014	.008	.99	.95	.96	.97	1,508	5,631	16,936	.626	.042	.016	-.02	-.07	-.07				
h. SEactivities	1,103	2.90	2.99	3.01	3.06	.027	.011	.013	.007	.90	.84	.85	.85	1,473	1,616	1,243	.002	.000	.000	-.11	-.13	-.18				
i. SEevents	1,103	2.45	2.59	2.65	2.64	.028	.012	.014	.007	.94	.92	.93	.94	7,083	5,601	16,879	.000	.000	.000	-.16	-.22	-.20				
15 a. tmprephrs	1,109	15.22	16.39	16.20	15.09	.268	.111	.125	.067	8.91	8.62	8.44	8.42	1,515	1,629	1,250	.000	.001	.644	-.13	-.11	.02				
b. tmcocurrhrs	1,108	5.28	6.26	6.52	5.97	.195	.084	.099	.053	6.50	6.51	6.65	6.64	7,085	5,612	16,916	.000	.000	.001	-.15	-.19	-.10				
c. tmworkonhrs	1,108	2.78	2.54	2.59	2.26	.178	.069	.080	.043	5.93	5.35	5.41	5.35	1,460	1,588	1,237	.227	.334	.005	.04	.03	.10				
d. tmworkoffhrs	1,097	4.00	1.90	2.35	2.97	.239	.068	.093	.056	7.92	5.28	6.21	7.01	1,280	1,441	1,218	.000	.000	.000	.36	.25	.15				
— tmworkhrs	1,094	6.68	4.38	4.89	5.15	.323	.110	.133	.075	10.68	8.45	8.88	9.42	1,356	1,482	1,214	.000	.000	.000	.26	.19	.16				
e. tmservicehrs	1,087	2.72	2.18	2.28	2.30	.137	.055	.061	.034	4.53	4.20	4.05	4.21	7,016	1,537	16,750	.000	.004	.002	.13	.11	.10				
f. tmrelaxhrs	1,094	11.81	13.50	13.50	13.45	.245	.108	.123	.068	8.10	8.35	8.24	8.52	7,044	5,572	16,833	.000	.000	.000	-.20	-.21	-.19				
g. tmcarehrs	1,095	1.99	1.27	1.27	1.55	.151	.053	.064	.038	4.99	4.12	4.32	4.72	1,381	1,518	1,235	.000	.000	.006	.17	.16	.09				
h. tmcommutehrs	1,096	4.55	3.57	3.66	3.78	.158	.063	.073	.041	5.24	4.90	4.87	5.13	1,467	1,585	1,245	.000	.000	.000	.20	.18	.15				
16. reading	1,093	2.79	2.74	2.71	2.65	.031	.015	.017	.009	1.02	1.12	1.12	1.11	1,618	1,791	1,278	.123	.021	.000	.05	.07	.13				
— tmreadinghrs	1,090	6.84	7.32	7.25	6.47	.171	.079	.091	.046	5.66	6.10	6.10	5.70	1,594	1,763	16,688	.012	.037	.038	-.08	-.07	.07				
17 a. pgwrite	1,100	2.84	2.66	2.67	2.73	.027	.012	.014	.007	.90	.93	.94	.93	1,569	1,731	1,271	.000	.000	.000	.20	.19	.13				
b. pgspeak	1,094	2.64	2.51	2.61	2.56	.029	.012	.014	.008	.94	.96	.96	.96	7,069	5,593	16,867	.000	.339	.011	.14	.03	.08				
c. pgthink	1,097	3.09	3.06	3.11	3.06	.024	.011	.012	.007	.81	.83	.81	.83	7,079	5,602	16,886	.272	.443	.250	.04	-.03	.04				
d. pganalyze	1,095	2.70	2.70	2.73	2.69	.029	.012	.014	.008	.95	.95	.96	.96	7,072	5,591	16,871	.769	.227	.978	-.01	-.04	.00				
e. pgwork	1,097	2.49	2.61	2.70	2.60	.030	.012	.014	.008	.98	.94	.93	.96	1,485	1,610	16,877	.000	.000	.000	-.13	-.22	-.11				
f. pgothers	1,093	2.81	2.78	2.85	2.79	.027	.011	.013	.007	.88	.89	.88	.90	7,066	5,593	16,837	.175	.303	.399	.04	-.03	.03				
g. pgvalues	1,093	2.60	2.58	2.66	2.64	.030	.013	.015	.008	.98	.97	.97	.98	7,067	5,594	16,852	.521	.100	.296	.02	-.06	-.03				
h. pgdiverse	1,095	2.70	2.75	2.77	2.74	.028	.012	.014	.008	.94	.95	.95	.96	7,074	5,600	16,885	.067	.021	.111	-.06	-.08	-.05				
i. pgprobsolve	1,095	2.60	2.63	2.68	2.63	.028	.012	.014	.008	.92	.94	.93	.94	7,075	5,591	16,854	.265	.008	.276	-.04	-.09	-.03				
j. pgcitizen	1,088	2.53	2.56	2.62	2.60	.029	.012	.014	.008	.96	.94	.95	.95	7,044	5,574	16,782	.339	.004	.022	-.03	-.10	-.07				
18. evalexp	1,100	3.13	3.23	3.31	3.26	.022	.009	.010	.006	.73	.72	.70	.71	1,516	1,639	1,247	.000	.000	.000	-.13	-.25	-.18				
19. sameinst	1,100	3.18	3.29	3.36	3.33	.024	.010	.011	.006	.80	.76	.75	.76	7,123	5,632	16,981	.000	.000	.000	-.14	-.23	-.19				

NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics^g

The University of Arizona

Seniors

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Arizona	Arizona	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Arizona	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Arizona	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Comparisons with:			Comparisons with:			Comparisons with:						
														Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k				
1 a. askquest	1,718	3.00	2.94	2.99	2.98	.021	.008	.010	.005	.86	.89	.87	.89	2,319	10,071	1,926	.006	.763	.461	.07	.01	.02				
b. drafts	1,713	2.31	2.19	2.22	2.29	.024	.009	.011	.006	.99	.99	1.00	1.01	12,809	10,012	32,887	.000	.001	.460	.12	.09	.02				
c. unpreparedr	1,708	2.73	2.72	2.74	2.83	.019	.008	.009	.005	.80	.83	.83	.82	2,309	9,965	32,736	.472	.626	.000	.02	-.01	-.13				
d. attendart	1,694	1.86	1.93	1.92	1.85	.022	.009	.010	.005	.90	.90	.90	.90	12,686	9,899	32,572	.003	.008	.590	-.08	-.07	.01				
e. CLaskhelp	1,679	2.57	2.52	2.56	2.49	.021	.008	.010	.005	.88	.88	.88	.90	12,644	9,869	32,479	.051	.774	.000	.05	.01	.09				
f. CLexplain	1,680	2.89	2.82	2.83	2.79	.020	.008	.009	.005	.81	.81	.82	.84	2,242	2,443	1,883	.000	.004	.000	.09	.08	.12				
g. CLstudy	1,680	2.66	2.56	2.60	2.56	.023	.009	.011	.006	.95	.96	.96	.99	12,492	9,778	1,887	.000	.024	.000	.10	.06	.10				
h. CLproject	1,673	2.93	2.93	2.98	2.91	.022	.009	.010	.005	.88	.90	.88	.91	2,251	9,738	1,875	.901	.060	.247	.00	-.05	.03				
i. present	1,660	2.71	2.63	2.65	2.61	.023	.009	.010	.005	.94	.93	.93	.95	12,331	9,630	31,628	.000	.009	.000	.10	.07	.11				
2 a. RIntegrate	1,626	3.06	2.99	3.03	3.03	.020	.008	.009	.005	.82	.81	.80	.82	12,095	9,473	30,999	.002	.124	.172	.08	.04	.03				
b. RIsocietal	1,612	2.82	2.74	2.77	2.80	.022	.009	.010	.005	.90	.90	.90	.91	11,959	9,366	30,648	.003	.090	.546	.08	.05	.02				
c. RIdiverse	1,611	2.58	2.51	2.56	2.58	.024	.010	.011	.006	.96	.97	.96	.99	11,912	9,353	30,611	.016	.641	.964	.06	.01	.00				
d. Rlownview	1,608	2.83	2.76	2.79	2.82	.021	.008	.010	.005	.83	.85	.84	.86	2,174	9,337	1,805	.003	.123	.713	.08	.04	.01				
e. Rlperspect	1,606	2.91	2.86	2.89	2.92	.021	.008	.010	.005	.83	.85	.84	.85	2,166	9,310	30,406	.016	.226	.823	.06	.03	-.01				
f. RInewview	1,606	2.97	2.92	2.94	2.94	.020	.008	.009	.005	.79	.80	.80	.81	11,820	9,277	30,299	.014	.204	.193	.07	.03	.03				
g. Rlconnect	1,595	3.23	3.18	3.21	3.22	.018	.008	.009	.004	.73	.76	.74	.76	11,754	9,223	1,792	.005	.275	.310	.08	.03	.03				
3 a. SFcareer	1,610	2.47	2.33	2.40	2.36	.023	.009	.011	.006	.94	.94	.94	.96	2,145	9,285	30,265	.000	.003	.000	.16	.08	.12				
b. SFotherwork	1,609	2.05	1.97	2.00	1.93	.026	.010	.012	.006	1.03	1.01	1.02	1.02	11,800	9,261	30,149	.004	.124	.000	.08	.04	.11				
c. SFdiscuss	1,606	2.26	2.15	2.15	2.15	.023	.009	.010	.006	.93	.92	.91	.94	2,134	2,301	30,124	.000	.000	.000	.12	.12	.12				
d. SFperform	1,602	2.18	2.04	2.07	2.11	.023	.009	.010	.005	.91	.89	.88	.91	2,113	2,279	1,784	.000	.000	.003	.15	.13	.08				
4 a. memorize	1,599	2.83	2.81	2.78	2.82	.022	.009	.010	.005	.89	.89	.89	.89	11,745	9,225	30,087	.265	.037	.523	.03	.06	.02				
b. HOapply	1,591	3.11	3.08	3.11	3.12	.020	.008	.009	.005	.82	.81	.80	.82	11,704	9,204	29,971	.275	.739	.558	.03	-.01	-.02				
c. HOanalyze	1,584	3.11	3.03	3.05	3.07	.020	.008	.010	.005	.81	.85	.85	.85	11,664	9,166	29,888	.000	.009	.123	.10	.07	.04				
d. HOevaluate	1,583	2.86	2.78	2.81	2.87	.023	.009	.010	.005	.90	.92	.90	.91	2,135	9,148	29,857	.001	.070	.522	.09	.05	-.02				
e. HOform	1,580	2.96	2.84	2.88	2.92	.022	.009	.010	.005	.86	.89	.87	.89	2,144	2,309	1,773	.000	.001	.067	.13	.09	.05				
5 a. ETgoals	1,598	3.15	3.12	3.16	3.18	.019	.007	.008	.005	.76	.75	.73	.76	11,742	9,212	30,085	.095	.880	.190	.04	.00	-.03				
b. ETorganize	1,596	3.09	3.07	3.12	3.12	.019	.007	.008	.005	.78	.74	.74	.77	2,082	2,235	29,998	.346	.161	.138	.03	-.04	-.04				
c. ETexample	1,592	3.14	3.10	3.15	3.14	.020	.008	.009	.005	.81	.78	.78	.81	2,083	2,247	29,928	.052	.756	.887	.05	-.01	.00				
d. ETdraftfb	1,589	2.63	2.53	2.62	2.66	.024	.010	.011	.006	.96	.96	.96	.98	11,667	9,148	1,781	.000	.618	.198	.10	.01	-.03				
e. ETfeedback	1,577	2.70	2.67	2.72	2.77	.023	.009	.010	.005	.90	.89	.89	.91	11,599	9,106	29,760	.099	.418	.010	.04	-.02	-.07				

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Seniors

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	Arizona	Arizona	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Arizona	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Arizona	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Comparisons with:			Comparisons with:			Comparisons with:						
														Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k				
6 a. QRconclude	1,589	2.77	2.72	2.74	2.72	.024	.010	.011	.006	.95	.96	.95	.97	11,709	9,181	30,001	.040	.247	.027	.06	.03	.06				
b. QRproblem	1,591	2.56	2.44	2.48	2.47	.025	.010	.011	.006	1.00	1.00	.98	1.00	11,702	9,177	29,961	.000	.003	.000	.12	.08	.09				
c. QRevaluate	1,587	2.57	2.53	2.56	2.52	.024	.009	.011	.006	.96	.95	.94	.97	11,665	9,155	29,859	.129	.776	.030	.04	.01	.06				
7 a. wrshortnum	1,478	7.63	7.64	7.88	7.16	.174	.067	.079	.040	6.70	6.53	6.62	6.47	1,943	8,559	1,637	.962	.177	.009	.00	-.04	.07				
b. wrmednum	1,460	3.25	3.35	3.23	3.09	.105	.040	.045	.024	4.01	3.86	3.75	3.85	10,768	8,423	27,123	.351	.842	.116	-.03	.01	.04				
c. wrlongnum	1,422	1.85	2.01	1.87	1.78	.093	.037	.040	.021	3.50	3.54	3.28	3.35	10,552	8,245	26,594	.130	.857	.431	-.04	-.01	.02				
— wrpages	1,394	75.61	77.78	75.98	70.86	2.309	.860	.956	.507	86.22	81.28	78.20	79.45	10,324	1,900	1,530	.358	.882	.045	-.03	.00	.06				
8 a. DDrace	1,513	3.26	3.24	3.17	3.22	.022	.009	.010	.005	.85	.87	.88	.88	11,142	8,718	1,703	.566	.000	.144	.02	.10	.04				
b. DDeconomic	1,507	3.22	3.16	3.12	3.18	.022	.009	.010	.005	.84	.86	.86	.87	11,118	8,697	1,695	.003	.000	.036	.08	.12	.05				
c. DDreligion	1,507	3.17	3.18	3.14	3.16	.022	.009	.010	.006	.87	.87	.87	.90	11,093	8,669	1,694	.861	.229	.477	.00	.03	.02				
d. DDpolitical	1,503	3.15	3.05	3.07	3.11	.023	.009	.011	.006	.88	.91	.89	.91	11,042	8,632	28,019	.000	.002	.138	.11	.09	.04				
9 a. LSreading	1,508	3.26	3.14	3.15	3.20	.020	.008	.010	.005	.78	.82	.82	.81	11,083	8,669	28,080	.000	.000	.005	.14	.13	.08				
b. LSnotes	1,509	2.81	2.67	2.68	2.80	.025	.010	.011	.006	.96	.96	.96	.96	11,052	8,648	27,993	.000	.000	.914	.15	.14	.00				
c. LSsummary	1,488	2.82	2.72	2.74	2.83	.024	.010	.011	.006	.94	.93	.93	.93	10,906	8,535	27,695	.000	.002	.672	.11	.09	-.01				
10. challenge	1,507	5.44	5.42	5.46	5.54	.031	.012	.014	.007	1.19	1.18	1.16	1.18	11,045	8,636	27,963	.647	.469	.001	.01	-.02	-.09				
11 a. intern ^l	1,505	.625	.608	.629	.550	.0125	.0050	.0057	.0031	--	--	--	--	--	--	--	.206	.741	.000	.04	-.01	.15				
b. leader ^l	1,500	.441	.482	.507	.406	.0128	.0051	.0059	.0030	--	--	--	--	--	--	--	.004	.000	.007	-.08	-.13	.07				
c. learncom ^l	1,496	.291	.259	.299	.259	.0117	.0045	.0054	.0027	--	--	--	--	--	--	--	.009	.510	.006	.07	-.02	.07				
d. abroad ^l	1,492	.190	.231	.247	.175	.0102	.0043	.0051	.0023	--	--	--	--	--	--	--	.000	.000	.120	-.10	-.14	.04				
e. research ^l	1,496	.369	.334	.325	.270	.0125	.0048	.0056	.0027	--	--	--	--	--	--	--	.008	.001	.000	.07	.09	.21				
f. capstone ^l	1,493	.418	.410	.470	.427	.0128	.0050	.0059	.0030	--	--	--	--	--	--	--	.529	.000	.501	.02	-.10	-.02				
12. servcourse	1,490	1.68	1.51	1.58	1.59	.017	.006	.007	.004	.66	.61	.63	.64	10,972	8,578	27,785	.000	.000	.000	.28	.16	.14				
13 a. QIstudent	1,499	5.59	5.60	5.71	5.69	.033	.013	.015	.008	1.29	1.28	1.22	1.29	11,018	2,102	27,785	.883	.001	.004	.00	-.10	-.08				
b. QIadvisor	1,497	5.37	4.84	5.03	4.95	.044	.018	.020	.011	1.69	1.77	1.72	1.80	2,058	8,567	1,698	.000	.000	.000	.30	.20	.23				
c. QIfaculty	1,484	5.41	5.28	5.37	5.39	.035	.014	.015	.008	1.35	1.34	1.29	1.37	10,907	8,537	27,607	.000	.231	.529	.10	.03	.02				
d. QIstaff	1,278	4.91	4.77	4.91	4.86	.044	.018	.020	.011	1.57	1.62	1.58	1.67	1,711	7,583	1,447	.003	.998	.259	.09	.00	.03				
e. QIadmin	1,416	4.62	4.51	4.71	4.63	.044	.018	.020	.011	1.67	1.67	1.62	1.72	10,069	2,046	25,818	.021	.070	.903	.07	-.05	.00				
14 a. empstudy	1,446	3.15	3.22	3.22	3.16	.020	.008	.009	.005	.77	.77	.75	.77	10,545	8,230	26,486	.001	.003	.514	-.09	-.09	-.02				
b. SEacademic	1,439	2.98	2.84	2.92	2.92	.022	.009	.010	.005	.84	.85	.82	.86	1,937	8,182	1,617	.000	.007	.003	.17	.08	.08				
c. SElearnsup	1,432	2.87	2.73	2.83	2.82	.024	.010	.011	.006	.92	.92	.91	.93	1,911	8,163	26,325	.000	.102	.046	.15	.05	.05				

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														Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k	Selected AAUDE Peers	Selected UA Peers	Carnegie > 20k				
d. SEdiverse	1,443	2.49	2.56	2.58	2.60	.026	.010	.012	.006	1.00	.99	.98	1.00	10,499	8,201	26,374	.008	.002	.000	-.08	-.09	-.11				
e. SEsocial	1,442	2.90	2.92	2.99	2.96	.024	.009	.011	.006	.89	.89	.88	.90	10,481	2,077	26,344	.381	.000	.004	-.02	-.10	-.08				
f. SEwellness	1,440	2.93	2.90	2.93	2.92	.025	.009	.011	.006	.94	.89	.91	.93	1,881	8,165	26,239	.396	.986	.877	.02	.00	.00				
g. SEnonacad	1,442	2.12	2.05	2.09	2.10	.026	.010	.012	.006	.99	.95	.95	.98	1,884	2,043	26,212	.013	.394	.641	.07	.03	.01				
h. SEactivities	1,436	2.87	2.86	2.86	2.88	.025	.010	.011	.006	.93	.90	.91	.93	1,886	8,151	26,161	.683	.893	.536	.01	.00	-.02				
i. SEevents	1,427	2.34	2.43	2.47	2.47	.025	.010	.011	.006	.96	.93	.93	.95	10,379	8,114	26,053	.000	.000	.000	-.10	-.14	-.14				
15 a. tmprephrs	1,439	14.91	15.86	15.69	14.86	.234	.096	.110	.057	8.87	9.11	9.04	9.01	1,953	2,126	26,257	.000	.002	.836	-.10	-.09	.01				
b. tmcocurrhrs	1,433	5.27	6.26	6.43	5.30	.175	.076	.089	.044	6.61	7.17	7.25	6.88	2,009	2,233	26,118	.000	.000	.880	-.14	-.16	.00				
c. tmworkonhrs	1,440	5.87	4.90	5.31	4.07	.223	.079	.095	.048	8.47	7.50	7.78	7.48	1,818	1,993	1,572	.000	.022	.000	.13	.07	.24				
d. tmworkoffhrs	1,429	7.73	6.02	6.29	9.50	.283	.101	.121	.077	10.70	9.58	9.91	12.03	1,812	1,987	1,644	.000	.000	.000	.18	.14	-.15				
— tmworkhrs	1,425	13.52	10.81	11.48	13.44	.329	.120	.140	.081	12.41	11.31	11.43	12.73	1,823	1,976	1,603	.000	.000	.793	.24	.18	.01				
e. tmservicehrs	1,421	3.64	2.70	2.81	2.97	.145	.050	.059	.033	5.48	4.76	4.80	5.13	1,778	1,912	1,567	.000	.000	.000	.19	.17	.13				
f. tmrelaxhrs	1,427	11.32	13.21	13.24	12.25	.204	.090	.104	.054	7.72	8.54	8.46	8.43	2,026	2,223	1,630	.000	.000	.000	-.22	-.23	-.11				
g. tmcarehrs	1,427	3.46	2.22	2.35	3.76	.213	.068	.085	.056	8.05	6.40	6.96	8.73	1,726	1,909	1,627	.000	.000	.176	.19	.16	-.03				
h. tmcommutehrs	1,438	5.29	4.74	4.53	5.06	.134	.051	.055	.033	5.06	4.86	4.51	5.13	10,424	1,956	26,157	.000	.000	.107	.11	.16	.04				
16. reading	1,431	2.75	2.72	2.73	2.76	.031	.013	.015	.008	1.19	1.23	1.22	1.22	1,948	8,105	26,073	.345	.561	.801	.03	.02	-.01				
— tmreadinghrs	1,420	6.66	6.93	6.93	6.70	.160	.065	.075	.039	6.05	6.13	6.11	6.06	10,343	8,061	25,932	.130	.130	.797	-.04	-.04	-.01				
17 a. pgwrite	1,438	3.03	2.93	2.99	2.96	.024	.010	.011	.006	.93	.93	.90	.92	10,424	8,133	26,189	.000	.135	.010	.11	.04	.07				
b. pgspeak	1,434	2.95	2.84	2.91	2.88	.025	.010	.011	.006	.95	.95	.93	.95	10,402	8,112	26,081	.000	.094	.006	.12	.05	.07				
c. pgthink	1,433	3.34	3.33	3.37	3.31	.021	.008	.009	.005	.78	.78	.75	.79	10,387	2,034	26,092	.716	.176	.122	.01	-.04	.04				
d. pganalyze	1,435	2.98	2.96	2.99	2.92	.025	.010	.012	.006	.93	.97	.95	.98	1,963	8,115	1,624	.447	.649	.017	.02	-.01	.06				
e. pgwork	1,432	2.86	2.87	2.98	2.91	.026	.010	.012	.006	.99	.97	.94	.98	10,397	2,028	26,125	.868	.000	.085	.00	-.12	-.05				
f. pgothers	1,429	3.08	3.00	3.07	3.03	.023	.009	.011	.006	.87	.89	.87	.90	10,361	8,083	26,052	.002	.828	.034	.09	.01	.06				
g. pgvalues	1,435	2.72	2.65	2.73	2.72	.027	.011	.012	.007	1.02	1.01	1.00	1.03	10,392	8,096	26,099	.026	.771	.952	.06	-.01	.00				
h. pgdiverse	1,434	2.75	2.78	2.80	2.80	.026	.010	.012	.006	.99	.96	.96	.99	1,895	2,051	26,106	.299	.112	.070	-.03	-.05	-.05				
i. pgprobsolve	1,434	2.85	2.81	2.88	2.83	.026	.010	.011	.006	.98	.96	.93	.97	10,395	2,032	26,097	.152	.360	.307	.04	-.03	.03				
j. pgcitizen	1,432	2.65	2.58	2.66	2.66	.027	.010	.012	.006	1.01	.99	.98	1.00	10,364	2,053	25,990	.018	.752	.846	.07	-.01	-.01				
18. evalexp	1,438	3.29	3.28	3.36	3.28	.019	.008	.009	.005	.74	.73	.71	.74	10,433	8,143	26,241	.766	.001	.579	.01	-.10	.02				
19. sameinst	1,438	3.32	3.29	3.36	3.30	.021	.008	.009	.005	.80	.80	.77	.81	10,442	8,151	26,272	.130	.063	.341	.04	-.05	.03				

Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are the dichotomous High-Impact Practice items (11a to 11f) which are compared using a z -test.
- c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- d. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- e. Effect size for independent t -tests uses Cohen's d ; z -tests use Cohen's h . See page 2 for more details.
- f. Statistical comparison uses z -test to compare the percentage who responded "Done or in progress."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the t -tests. Values differ from N s due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent t -tests or z -tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress."