



NSSE 2021

Frequencies and Statistical Comparisons


The University of Arizona

NSSE 2021 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.

1. **Class level:** As reported by your institution.
 2. **Item numbers:** Numbering corresponds to the survey available on the NSSE website.
 3. **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.
 4. **Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
 5. **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: go.iu.edu/NSSE-weights
6. **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 Frequencies and Statistical Comparisons

NSSEville State University

		Frequency Distributions ^a								Statistical Comparisons ^b									
		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort			
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	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
		2	Sometimes	135	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								
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	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	858	31	67,348	29								
		4	Very often	113	19	3,072	20	611	22	42,208	21								
			Total	626	100	19,948	100	2,855	100	229,541	100								
c. Evaluated what others have concluded from numerical information																			
	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06	
		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								

7. **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 2021 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	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
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	24	3	360	4	354	5	1,781	5	2.8	2.7 *	.09	2.7 **	.10	2.7 ***	.13	
		2	Sometimes	385	39	3,472	41	3,103	40	15,854	42								
		3	Often	347	34	2,790	34	2,479	33	12,739	33								
		4	Very often	244	24	1,629	21	1,570	21	7,555	20								
		Total		1,000	100	8,251	100	7,506	100	37,929	100								
b. Asked another student to help you understand course material	CLaskhelp	1	Never	168	18	692	8	960	13	4,084	12	2.4	2.7 ***	-.33	2.5 ***	-.14	2.5 ***	-.18	
		2	Sometimes	419	42	3,021	36	2,877	39	14,808	40								
		3	Often	242	23	2,961	36	2,340	31	12,416	32								
		4	Very often	161	16	1,531	19	1,268	16	6,364	17								
		Total		990	100	8,205	100	7,445	100	37,672	100								
c. Explained course material to one or more students	CLexplain	1	Never	143	15	471	5	586	8	2,824	8	2.4	2.7 ***	-.41	2.6 ***	-.28	2.6 ***	-.28	
		2	Sometimes	453	47	3,128	37	2,991	39	15,006	40								
		3	Often	240	23	3,194	40	2,641	36	13,656	36								
		4	Very often	148	14	1,395	18	1,215	17	6,113	17								
		Total		984	100	8,188	100	7,433	100	37,599	100								
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	293	31	1,289	15	1,531	21	7,089	20	2.2	2.5 ***	-.39	2.4 ***	-.25	2.4 ***	-.25	
		2	Sometimes	359	36	2,927	36	2,596	35	13,325	36								
		3	Often	198	20	2,445	30	2,012	27	10,752	28								
		4	Very often	131	13	1,494	19	1,243	17	6,257	16								
		Total		981	100	8,155	100	7,382	100	37,423	100								
e. Worked with other students on course projects or assignments	CLproject	1	Never	154	17	659	8	742	10	3,796	11	2.3	2.6 ***	-.36	2.5 ***	-.23	2.5 ***	-.23	
		2	Sometimes	450	45	3,096	38	3,135	43	15,138	41								
		3	Often	259	27	2,971	36	2,319	32	12,356	32								
		4	Very often	113	11	1,395	18	1,130	16	5,914	16								
		Total		976	100	8,121	100	7,326	100	37,204	100								
f. Given a course presentation	present	1	Never	329	35	1,787	23	1,969	27	9,840	26	1.9	2.1 ***	-.31	2.1 ***	-.23	2.1 ***	-.24	
		2	Sometimes	478	48	3,928	49	3,362	46	17,296	47								
		3	Often	110	11	1,732	20	1,432	20	7,320	19								
		4	Very often	56	6	671	8	546	7	2,703	7								
		Total		973	100	8,118	100	7,309	100	37,159	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 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	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k						
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%			
				UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k				
				Mean		Mean		Effect size ^e		Mean		Effect size ^e		Mean		Effect size ^e		Mean		Effect size ^e		
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	129	15	617	8	613	9	3,423	10	2.4	2.6 ***	-0.20	2.6 ***	-0.17	2.5 ***	-0.14				
		2	Sometimes	419	43	3,280	41	2,900	41	14,967	41											
		3	Often	285	29	3,054	37	2,595	36	13,357	36											
		4	Very often	122	13	1,065	14	1,067	14	4,857	13											
		Total		955	100	8,016	100	7,175	100	36,604	100											
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	112	13	762	10	612	10	3,746	12	2.5	2.6	-0.05	2.6 **	-0.11	2.5	.00				
		2	Sometimes	365	39	3,154	39	2,593	37	14,371	40											
		3	Often	314	33	2,894	36	2,656	36	12,816	34											
		4	Very often	156	16	1,147	15	1,257	17	5,370	14											
		Total		947	100	7,957	100	7,118	100	36,303	100											
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	117	14	843	11	626	10	3,923	12	2.6	2.6	.01	2.6 *	-0.09	2.5	.03				
		2	Sometimes	319	34	3,088	39	2,388	35	13,676	39											
		3	Often	334	34	2,742	35	2,594	36	12,329	33											
		4	Very often	170	18	1,231	15	1,428	19	6,026	16											
		Total		940	100	7,904	100	7,036	100	35,954	100											
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	77	9	396	5	346	5	1,895	6	2.7	2.7	-0.03	2.8	-0.06	2.7	.00				
		2	Sometimes	271	29	2,618	33	2,182	32	11,757	33											
		3	Often	398	42	3,479	45	3,096	44	15,684	43											
		4	Very often	177	20	1,329	17	1,326	19	6,164	17											
		Total		923	100	7,822	100	6,950	100	35,500	100											
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	45	6	244	3	186	3	1,165	4	2.8	2.9	-0.05	2.9 **	-0.12	2.9	-0.03				
		2	Sometimes	261	29	2,136	27	1,723	26	9,625	28											
		3	Often	376	41	3,619	47	3,150	46	16,311	46											
		4	Very often	228	25	1,702	22	1,756	25	7,824	22											
		Total		910	100	7,701	100	6,815	100	34,925	100											
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	49	6	229	3	233	4	1,203	4	2.8	2.9	-0.08	2.8	-0.06	2.8	.00				
		2	Sometimes	277	31	2,271	29	1,940	30	10,766	32											
		3	Often	367	41	3,564	47	3,003	44	15,535	44											
		4	Very often	202	22	1,532	21	1,517	22	6,872	20											
		Total		895	100	7,596	100	6,693	100	34,376	100											

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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Item wording or description	Variable name ^c	Values ^d	Response options	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	26	4	117	1	103	2	574	2	3.0	3.0	-0.07	3.0	-0.06	3.0	-0.01	
		2	Sometimes	193	22	1,528	20	1,326	21	7,385	22								
		3	Often	400	46	3,890	51	3,257	49	17,092	49								
		4	Very often	261	29	1,979	28	1,899	28	8,907	27								
		Total		880	100	7,514	100	6,585	100	33,958	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	234	27	1,498	21	1,367	22	7,173	22	2.2	2.2	-0.06	2.2	-0.07	2.2	-0.06	
		2	Sometimes	353	39	3,362	46	2,888	43	14,888	44								
		3	Often	188	23	1,821	23	1,542	23	7,941	23								
		4	Very often	106	11	827	10	787	12	3,933	11								
		Total		881	100	7,508	100	6,584	100	33,935	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	481	54	3,641	50	3,725	57	17,509	53	1.7	1.7	-0.05	1.7	.04	1.7	-0.01	
		2	Sometimes	243	28	2,349	32	1,732	27	9,901	29								
		3	Often	101	12	1,076	14	707	11	4,399	12								
		4	Very often	52	6	383	5	370	6	1,887	5								
		Total		877	100	7,449	100	6,534	100	33,696	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	387	43	2,581	34	2,687	41	12,810	39	1.8	1.9 *	-0.10	1.9	-0.01	1.9	-0.04	
		2	Sometimes	300	35	3,153	44	2,476	38	13,138	39								
		3	Often	116	14	1,261	17	903	14	5,379	16								
		4	Very often	66	7	391	5	401	6	2,027	6								
		Total		869	100	7,386	100	6,467	100	33,354	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	281	32	2,277	32	1,898	30	10,197	31	2.0	2.0	.02	2.0	-0.01	2.0	.01	
		2	Sometimes	381	43	3,311	45	2,952	45	14,865	45								
		3	Often	135	17	1,360	18	1,155	17	6,134	18								
		4	Very often	68	8	449	6	460	7	2,176	6								
		Total		865	100	7,397	100	6,465	100	33,372	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	72	8	295	4	259	4	1,262	4	2.8	2.8 **	-0.11	3.0 ***	-0.26	2.9 ***	-0.19	
		2	Some	242	28	2,062	29	1,469	23	8,424	26								
		3	Quite a bit	359	42	3,350	45	2,832	45	14,963	45								
		4	Very much	186	21	1,646	22	1,841	28	8,481	26								
		Total		859	100	7,353	100	6,401	100	33,130	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 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							
				UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona	Selected AAU Peers		Selected UA Peers		Carnegie>20k		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	49	6	238	3	269	4	1,274	4	2.8	3.0 ***	-0.20	2.9 **	-0.12	2.9 **	-0.11	
		2	Some	244	29	1,737	22	1,619	25	8,252	25								
		3	Quite a bit	352	41	3,508	48	2,855	45	15,294	46								
		4	Very much	206	24	1,832	27	1,615	26	8,127	25								
		Total		851	100	7,315	100	6,358	100	32,947	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	44	6	243	3	257	4	1,307	4	2.9	2.9	-0.08	2.9	-0.06	2.9	-0.01	
		2	Some	234	28	1,903	25	1,623	26	8,707	27								
		3	Quite a bit	341	41	3,376	46	2,739	43	14,729	45								
		4	Very much	225	26	1,734	25	1,656	26	7,877	24								
		Total		844	100	7,256	100	6,275	100	32,620	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	43	6	366	5	243	4	1,562	6	2.9	2.8	.07	2.9	-0.05	2.8	.06	
		2	Some	203	25	2,045	28	1,534	25	8,783	28								
		3	Quite a bit	375	44	3,255	45	2,838	45	14,669	44								
		4	Very much	220	25	1,561	22	1,633	26	7,473	23								
		Total		841	100	7,227	100	6,248	100	32,487	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	37	5	265	4	246	4	1,337	5	2.9	2.9	.02	2.9	.00	2.8 *	.07	
		2	Some	214	25	1,898	26	1,596	26	8,791	28								
		3	Quite a bit	365	44	3,466	48	2,837	45	14,998	46								
		4	Very much	225	26	1,575	22	1,534	25	7,186	22								
		Total		841	100	7,204	100	6,213	100	32,312	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	30	4	157	2	152	3	810	3	3.0	3.0	-0.07	3.0	-0.07	3.0	-0.03	
		2	Some	189	24	1,543	20	1,282	21	7,025	22								
		3	Quite a bit	349	41	3,427	48	2,821	45	15,000	46								
		4	Very much	260	31	2,016	29	1,885	31	9,212	29								
		Total		828	100	7,143	100	6,140	100	32,047	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	52	7	285	4	235	4	1,405	5	2.9	3.0 *	-0.10	3.0 **	-0.12	2.9	-0.07	
		2	Some	201	25	1,654	22	1,420	23	7,524	23								
		3	Quite a bit	346	41	3,435	49	2,733	45	14,665	45								
		4	Very much	230	27	1,749	26	1,732	29	8,361	27								
		Total		829	100	7,123	100	6,120	100	31,955	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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The University of Arizona

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Item wording or description	Variable name ^c	Values ^d	Response options	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	44	6	227	3	237	4	1,259	4	2.9	3.0	-.06	3.0	-.04	3.0	.00	
		2	Some	197	24	1,699	23	1,464	24	7,742	24								
		3	Quite a bit	326	40	3,265	46	2,572	41	14,092	43								
		4	Very much	258	30	1,920	29	1,833	30	8,804	28								
		Total		825	100	7,111	100	6,106	100	31,897	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	55	7	765	11	484	8	3,145	11	2.9	2.6 ***	.32	2.8 **	.13	2.7 ***	.26	
		2	Some	221	27	2,515	35	1,857	31	10,523	33								
		3	Quite a bit	289	35	2,560	36	2,238	37	11,464	35								
		4	Very much	259	31	1,256	18	1,517	25	6,712	21								
		Total		824	100	7,096	100	6,096	100	31,844	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	85	10	712	9	689	11	3,570	12	2.7	2.6	.06	2.6	.03	2.6 *	.08	
		2	Some	291	36	2,678	37	2,117	34	11,403	36								
		3	Quite a bit	270	32	2,600	38	2,101	35	11,268	35								
		4	Very much	176	22	1,076	16	1,164	20	5,496	17								
		Total		822	100	7,066	100	6,071	100	31,737	100								
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	39	5			126	5	654	5	3.0			2.9	.05	2.9 *	.09	
		2	Some	193	23			619	25	3,613	27								
		3	Quite a bit	337	41			1,027	42	5,878	43								
		4	Very much	249	30			649	28	3,391	25								
		Total		818	100			2,421	100	13,536	100								
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	40	6			111	5	594	5	2.9			2.9	.03	2.9	.06	
		2	Some	194	24			655	27	3,587	27								
		3	Quite a bit	361	44			1,032	42	6,112	45								
		4	Very much	218	27			611	25	3,194	23								
		Total		813	100			2,409	100	13,487	100								
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	125	17			365	15	1,924	16	2.5			2.4	.02	2.4	.03	
		2	Some	299	35			927	38	5,091	38								
		3	Quite a bit	260	32			782	32	4,596	34								
		4	Very much	129	16			333	14	1,839	13								
		Total		813	100			2,407	100	13,450	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 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	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	26	4			76	4	438	4								
		2	Some	143	18			448	19	2,705	20								
		3	Quite a bit	325	40			1,003	41	5,865	44								
		4	Very much	318	38			876	36	4,406	32								
		Total		812	100			2,403	100	13,414	100								
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	68	9	654	9	599	9	2,771	9								
		2	Sometimes	278	34	2,525	35	2,197	36	11,364	36								
		3	Often	321	41	2,730	40	2,209	38	12,074	39								
		4	Very often	130	16	1,042	16	931	17	4,861	16								
		Total		797	100	6,951	100	5,936	100	31,070	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public	QRproblem	1	Never	146	18	1,271	17	1,095	18	5,488	18								
		2	Sometimes	309	39	2,742	40	2,332	40	12,223	40								
		3	Often	230	30	2,119	31	1,767	30	9,521	30								
		4	Very often	103	13	791	12	714	13	3,706	12								
		Total		788	100	6,923	100	5,908	100	30,938	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	129	16	1,091	15	1,007	17	4,906	16								
		2	Sometimes	331	42	2,821	40	2,479	42	12,793	42								
		3	Often	238	30	2,251	33	1,754	30	9,775	31								
		4	Very often	91	12	740	12	642	11	3,340	11								
		Total		789	100	6,903	100	5,882	100	30,814	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrshortnum	0	None	51	6	627	8	332	6	2,307	7								
		1.5	1-2	131	16	1,593	22	1,157	20	6,781	22								
		4	3-5	215	27	2,035	31	1,926	33	9,798	32								
		8	6-10	184	23	1,398	20	1,299	23	6,444	21								
		13	11-15	91	12	657	10	601	10	2,970	10								
		18	16-20	51	7	276	4	241	4	1,095	4								
		23	More than 20	67	9	298	4	294	5	1,314	4								
Total		790	100	6,884	100	5,850	100	30,709	100										

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
b. Between 6 and 10 pages	wrmednum	0	None	267	34	3,102	44	2,102	37	12,564	41	2.9	2.0 ***	.26	2.3 ***	.16	2.1 ***	.22			
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	279	35	2,293	35	2,132	36	10,474	34								△	△	△
	4	3-5	143	18	884	13	987	17	4,649	15											
	8	6-10	52	7	348	5	403	7	1,886	6											
	13	11-15	26	4	149	2	127	2	657	2											
	18	16-20	5	1	34	1	37	1	159	1											
	23	More than 20	10	2	47	1	43	1	228	1											
	Total			782	100	6,857	100	5,831	100	30,617	100										
c. 11 pages or more	wrlongnum	0	None	601	74	5,466	78	4,472	77	23,792	77	1.5	.9 ***	.16	1.0 **	.15	1.0 ***	.16			
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	115	15	875	14	903	15	4,299	14								△	△	△
	4	3-5	20	3	221	3	195	4	1,095	4											
	8	6-10	17	3	135	2	123	2	649	2											
	13	11-15	23	3	103	2	82	2	514	2											
	18	16-20	1	0	33	1	29	0	121	0											
	23	More than 20	9	2	43	1	39	1	208	1											
	Total			786	100	6,876	100	5,843	100	30,678	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.)									68.9	48.2 ***	.25	52.0 ***	.21	49.7 ***	.25			
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	53	8	244	3	224	4	1,309	5	3.0	3.1 **	-.11	3.1 ***	-.18	3.0 *	-.09			
		2	Sometimes	206	26	1,745	25	1,247	22	7,490	25								▽	▽	▽
		3	Often	220	27	2,370	34	1,829	31	10,158	33										
		4	Very often	304	38	2,510	38	2,529	43	11,676	38										
			Total			783	100	6,869	100	5,829	100								30,633	100	
b. People from an economic background other than your own	DDeconomic	1	Never	61	8	250	3	239	4	1,359	5	2.9	3.0 ***	-.21	3.0 ***	-.19	3.0 ***	-.14			
		2	Sometimes	218	28	1,622	23	1,404	24	7,493	25								▽	▽	▽
		3	Often	258	33	2,684	39	2,026	35	11,371	37										
		4	Very often	245	31	2,284	35	2,154	37	10,344	34										
			Total			782	100	6,840	100	5,823	100								30,567	100	

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NSSE 2021 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	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
c. People with religious beliefs other than your own	DDreligion	1	Never	79	11	315	4	362	6	1,864	6	2.8	3.1 ***	-0.26	3.0 ***	-0.18	3.0 ***	-0.15	
		2	Sometimes	219	27	1,657	24	1,412	24	7,841	26								
		3	Often	240	31	2,408	35	1,916	33	10,385	34								
		4	Very often	242	31	2,476	37	2,117	37	10,470	34								
		Total		780	100	6,856	100	5,807	100	30,560	100								
d. People with political views other than your own	DDpolitical	1	Never	80	11	385	5	419	7	2,059	7	2.7	2.9 ***	-0.24	2.9 ***	-0.21	2.9 ***	-0.19	
		2	Sometimes	266	33	1,923	29	1,772	29	9,023	29								
		3	Often	226	29	2,298	33	1,738	30	9,897	32								
		4	Very often	210	27	2,254	33	1,889	34	9,607	32								
		Total		782	100	6,860	100	5,818	100	30,586	100								
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	26	4	149	2	110	2	704	3	3.0	3.0	-0.02	3.0	-0.03	2.9	.05	
		2	Sometimes	167	22	1,587	23	1,293	23	7,385	25								
		3	Often	358	46	3,289	48	2,720	47	14,469	47								
		4	Very often	227	28	1,795	27	1,658	28	7,832	25								
		Total		778	100	6,820	100	5,781	100	30,390	100								
b. Reviewed your notes after class	LSnotes	1	Never	50	7	378	6	287	5	1,456	5	2.9	2.8	.04	2.9	-0.03	2.9	-0.02	
		2	Sometimes	232	30	2,155	32	1,732	30	8,973	30								
		3	Often	254	33	2,476	36	2,009	35	11,180	36								
		4	Very often	238	30	1,812	26	1,750	29	8,769	28								
		Total		774	100	6,821	100	5,778	100	30,378	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	60	8	420	6	345	6	1,710	6	2.7	2.8	-0.06	2.8 *	-0.09	2.8 *	-0.08	
		2	Sometimes	272	35	2,147	31	1,792	31	9,300	32								
		3	Often	248	32	2,719	40	2,198	39	12,027	39								
		4	Very often	197	24	1,540	23	1,439	24	7,345	24								
		Total		777	100	6,826	100	5,774	100	30,382	100								

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NSSE 2021 Frequencies and Statistical Comparisons

The University of Arizona

First-Year Students

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Item wording or description	Variable name ^c	Values ^d	Response options	UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
	challenge	1	Not at all	19	3	56	1	49	1	274	1	5.3	5.3	-0.4	5.3	-0.4	5.3	-0.2	
		2		13	2	83	1	77	1	407	2								
		3		45	6	394	6	279	5	1,780	6								
		4		119	15	894	13	732	13	4,055	13								
		5		218	27	2,410	35	2,009	35	10,527	35								
		6		170	22	1,737	27	1,474	26	7,427	25								
		7	Very much	188	25	1,213	18	1,126	19	5,739	19								
			Total	772	100	6,787	100	5,746	100	30,209	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 <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	129	17	642	10	735	13	3,325	12	7%	8%	-0.4	6%	.02	7%	.00	
			Do not plan to do	36	5	333	5	261	5	1,414	5								
			Plan to do	552	71	5,304	78	4,374	76	23,411	77								
			Done or in progress	54	7	489	8	354	6	1,998	7								
			Total	771	100	6,768	100	5,724	100	30,148	100								
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	243	32	1,579	24	1,623	28	7,992	27	7%	12% ***	-0.18	9%	-0.08	9% *	-0.09	
			Do not plan to do	169	23	1,307	19	1,271	22	6,494	22								
			Plan to do	305	39	3,035	45	2,306	41	12,738	42								
			Done or in progress	53	7	843	12	512	9	2,856	9								
			Total	770	100	6,764	100	5,712	100	30,080	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	291	38	1,601	24	1,901	33	8,703	30	6%	22% ***	-0.47	10% **	-0.13	16% ***	-0.30	
			Do not plan to do	187	24	1,930	31	1,636	30	8,265	29								
			Plan to do	235	32	1,663	23	1,546	27	8,324	26								
			Done or in progress	50	6	1,566	22	611	10	4,727	16								
			Total	763	100	6,760	100	5,694	100	30,019	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	234	31	1,686	26	1,607	28	8,130	28	3%	2%	.05	2%	.07	2% *	.08	
			Do not plan to do	223	31	1,425	22	1,425	27	7,749	27								
			Plan to do	287	35	3,471	50	2,547	43	13,504	43								
			Done or in progress	23	3	169	2	120	2	624	2								
			Total	767	100	6,751	100	5,699	100	30,007	100								

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The University of Arizona

First-Year Students

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Item wording or description	Variable name ^c	Values ^d	Response options	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
e. Work with a faculty member on a research project	research		Have not decided	260	35	2,351	34	2,237	39	10,743	36	5%	7% *	-0.10	3%	.05	5%	-0.02	
			Do not plan to do	140	18	1,380	19	1,287	22	6,595	22								
			Plan to do	329	43	2,575	39	1,989	36	11,236	37								
			Done or in progress	36	5	447	7	193	3	1,433	5								
			Total	765	100	6,753	100	5,706	100	30,007	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone		Have not decided	267	36	2,242	33	2,109	37	10,589	35	2%	2%	.01	2%	-0.01	2%	.00	
			Do not plan to do	81	11	699	10	612	12	3,406	11								
			Plan to do	405	51	3,684	56	2,858	49	15,431	51								
			Done or in progress	14	2	132	2	111	2	575	2								
			Total	767	100	6,757	100	5,690	100	30,001	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse		1 None	464	60	3,612	56	3,090	55	16,246	55	1.5	1.5	-0.08	1.5	-0.07	1.5 *	-0.08	
			2 Some	249	33	2,605	37	2,241	38	11,491	38								
			3 Most	41	6	417	6	294	5	1,727	5								
			4 All	8	1	82	1	46	1	362	1								
			Total	762	100	6,716	100	5,671	100	29,826	100								
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent		1 Poor	35	5	113	2	121	2	611	2	4.9	5.4 ***	-0.36	5.3 ***	-0.31	5.3 ***	-0.32	
			2	38	5	159	2	161	3	728	3								
			3	65	9	358	5	296	5	1,609	6								
			4	120	16	791	11	689	11	3,651	12								
			5	184	23	1,906	28	1,518	26	7,980	26								
			6	146	20	1,983	30	1,512	28	8,285	28								
			7 Excellent	139	18	1,363	21	1,224	22	6,522	22								
			— Not applicable	33	4	52	1	145	3	480	2								
			Total	760	100	6,725	100	5,666	100	29,866	100								

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
b. Academic advisors	Qladvisor	1	Poor	35	5	123	2	134	3	767	3	5.3	5.4	-0.07	5.4	-0.08	5.3	-0.03	
		2		31	5	250	4	186	3	1,098	4								
		3		44	5	445	7	352	6	2,008	7								
		4		94	12	845	12	699	12	3,836	12								
		5		135	17	1,420	21	1,153	20	6,235	21								
		6		161	22	1,579	24	1,260	22	6,672	23								
		7	Excellent	241	32	1,969	29	1,809	32	8,592	29								
		—	Not applicable	16	2	84	2	70	1	602	2								
	Total	757	100	6,715	100	5,663	100	29,810	100										
c. Faculty	QIfaculty	1	Poor	18	3	91	1	104	2	544	2	5.1	5.3 **	-0.14	5.3 *	-0.09	5.2	-0.08	
		2		31	4	148	2	157	3	764	3								
		3		41	5	386	5	334	6	1,772	6								
		4		116	16	897	13	805	14	4,260	14								
		5		187	23	1,947	29	1,468	26	8,085	27								
		6		197	26	1,997	31	1,532	27	8,250	28								
		7	Excellent	144	19	1,185	18	1,092	20	5,568	19								
		—	Not applicable	23	3	66	1	169	3	568	2								
	Total	757	100	6,717	100	5,661	100	29,811	100										
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	42	6	212	3	194	3	959	3	4.8	5.0 **	-0.15	5.1 ***	-0.22	5.1 ***	-0.18	
		2		32	4	264	4	227	4	1,107	4								
		3		53	7	481	7	371	6	2,021	7								
		4		110	14	1,054	16	679	12	4,158	14								
		5		125	17	1,533	23	1,074	19	6,518	22								
		6		107	14	1,437	22	1,117	20	6,199	21								
		7	Excellent	125	16	1,122	17	1,071	20	5,465	18								
		—	Not applicable	162	21	612	9	918	17	3,377	12								
	Total	756	100	6,715	100	5,651	100	29,804	100										

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	41	6	216	3	213	4	1,060	4	4.7	5.0 **	-0.15	5.0 **	-0.15	4.9 **	-0.13	
		2		30	4	264	4	280	5	1,256	4								
		3		82	10	491	7	399	7	2,213	7								
		4		118	15	1,014	15	792	14	4,635	15								
		5		129	17	1,546	23	1,189	21	6,578	22								
		6		127	18	1,363	20	1,083	20	5,845	20								
		7	Excellent	120	16	1,042	15	998	18	4,883	16								
		—	Not applicable	111	14	780	13	703	12	3,345	12								
	Total			758	100	6,716	100	5,657	100	29,815	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	19	3	93	1	105	2	465	2	3.1	3.1	-0.06	3.1	-0.02	3.1	.00	
		2	Some	144	19	1,258	18	1,045	18	5,776	19								
		3	Quite a bit	344	45	3,263	47	2,750	49	14,567	48								
		4	Very much	250	33	2,079	33	1,733	31	8,894	30								
			Total	757	100	6,693	100	5,633	100	29,702	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	49	8	275	4	248	5	1,255	5	2.8	3.0 ***	-0.17	3.0 ***	-0.18	3.0 ***	-0.16	
		2	Some	196	27	1,612	24	1,273	23	6,826	23								
		3	Quite a bit	320	42	2,984	45	2,467	44	13,200	44								
		4	Very much	189	24	1,809	28	1,630	29	8,352	28								
			Total	754	100	6,680	100	5,618	100	29,633	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	56	8	458	6	407	7	1,918	7	2.9	2.9	-0.04	3.0 *	-0.10	3.0 *	-0.08	
		2	Some	174	24	1,522	23	1,034	19	5,977	20								
		3	Quite a bit	272	36	2,699	40	2,216	39	11,872	40								
		4	Very much	250	32	1,994	30	1,967	35	9,843	33								
			Total	752	100	6,673	100	5,624	100	29,610	100								
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	135	18	723	11	661	12	3,093	11	2.5	2.7 ***	-0.18	2.8 ***	-0.24	2.7 ***	-0.21	
		2	Some	236	31	2,025	31	1,544	27	8,517	29								
		3	Quite a bit	223	31	2,429	36	1,925	35	10,855	36								
		4	Very much	156	20	1,487	22	1,483	27	7,127	24								
			Total	750	100	6,664	100	5,613	100	29,592	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 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	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
e. Providing opportunities to be involved socially	SEsocial	1	Very little	142	19	493	7	504	9	2,295	9	2.5	2.8 *** ▼	-0.42	2.9 *** ▼	-0.44	2.8 *** ▼	-0.40	
		2	Some	242	32	1,770	26	1,353	24	7,500	26								
		3	Quite a bit	233	32	2,715	41	2,087	36	11,858	39								
		4	Very much	138	17	1,686	25	1,658	31	7,912	27								
		Total		755	100	6,664	100	5,602	100	29,565	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	92	13	605	9	470	8	2,226	8	2.7	2.8 ** ▼	-0.12	2.9 *** ▼	-0.22	2.8 *** ▼	-0.18	
		2	Some	206	27	1,789	26	1,381	24	7,450	25								
		3	Quite a bit	278	38	2,669	40	2,146	38	12,001	40								
		4	Very much	175	21	1,586	24	1,598	29	7,838	26								
		Total		751	100	6,649	100	5,595	100	29,515	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	230	31	1,711	26	1,434	25	6,823	25	2.1	2.2	-0.06	2.3 *** ▼	-0.14	2.2 ** ▼	-0.12	
		2	Some	261	35	2,567	39	2,039	36	11,156	38								
		3	Quite a bit	181	25	1,691	25	1,381	25	7,895	26								
		4	Very much	74	9	677	10	743	13	3,616	12								
		Total		746	100	6,646	100	5,597	100	29,490	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	271	37	680	10	943	17	3,469	13	2.0	2.7 *** ▼	-0.75	2.7 *** ▼	-0.61	2.7 *** ▼	-0.70	
		2	Some	226	30	1,921	28	1,452	25	7,915	27								
		3	Quite a bit	172	23	2,674	41	1,886	34	11,228	37								
		4	Very much	77	9	1,368	21	1,318	24	6,878	23								
		Total		746	100	6,643	100	5,599	100	29,490	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	237	33	1,060	16	1,125	20	5,218	19	2.1	2.4 *** ▼	-0.37	2.4 *** ▼	-0.35	2.4 *** ▼	-0.33	
		2	Some	278	36	2,563	39	1,991	35	10,921	38								
		3	Quite a bit	163	22	2,133	31	1,617	29	9,165	30								
		4	Very much	69	9	884	13	862	16	4,182	14								
		Total		747	100	6,640	100	5,595	100	29,486	100								

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NSSE 2021 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	UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
15. To what extent do you agree or disagree with the following statements?																			
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	20	3	113	2	102	2	552	2	3.1	3.3 ***	-0.20	3.3 ***	-0.21	3.2 ***	-0.18	
		2	Disagree	83	11	529	8	385	7	2,237	8								
		3	Agree	428	56	3,632	54	3,051	53	16,084	54								
		4	Strongly agree	216	29	2,354	37	2,056	38	10,594	36								
		Total		747	100	6,628	100	5,594	100	29,467	100								
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	41	6	314	5	206	4	1,243	5	2.8	2.9	-0.08	3.0 ***	-0.20	2.9 **	-0.12	
		2	Disagree	171	23	1,418	21	969	17	5,528	19								
		3	Agree	403	54	3,640	54	3,177	56	16,460	55								
		4	Strongly agree	129	17	1,250	19	1,231	23	6,217	21								
		Total		744	100	6,622	100	5,583	100	29,448	100								
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	46	7	276	4	237	5	1,235	5	2.8	3.0 ***	-0.24	3.0 ***	-0.23	2.9 ***	-0.21	
		2	Disagree	188	25	1,261	19	1,073	19	5,567	20								
		3	Agree	384	51	3,613	53	2,939	51	15,668	52								
		4	Strongly agree	129	17	1,483	24	1,335	25	6,996	24								
		Total		747	100	6,633	100	5,584	100	29,466	100								
16. 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 <i>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	5	1	20	0	15	0	119	0	17.8	16.7 **	.13	15.6 ***	.25	16.0 ***	.20	
		3	1-5 hrs	65	9	548	8	575	11	2,749	9								
		8	6-10 hrs	93	13	1,256	18	1,157	21	5,885	20								
		13	11-15 hrs	161	21	1,484	22	1,211	22	6,611	22								
		18	16-20 hrs	136	19	1,403	21	1,080	19	5,998	21								
		23	21-25 hrs	125	17	913	14	736	13	3,900	13								
		28	26-30 hrs	73	9	479	8	352	6	1,945	7								
		33	More than 30 hrs	85	11	512	9	439	8	2,160	8								
Total		743	100	6,615	100	5,565	100	29,367	100										

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NSSE 2021 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						
				UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	352	47	1,829	27	2,302	40	9,987	35	4.3	5.7 *** ▽	-.20	4.7	-.06	5.1 ** ▽	-.12
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	217	29	2,491	37	1,704	30	10,032	34							
	8	6-10 hrs	81	10	1,137	17	748	15	4,555	16								
	13	11-15 hrs	41	6	563	9	395	8	2,412	8								
	18	16-20 hrs	20	3	305	5	214	4	1,233	4								
	23	21-25 hrs	17	3	165	3	92	2	606	2								
	28	26-30 hrs	4	0	43	1	36	1	182	1								
	33	More than 30 hrs	11	2	64	1	60	1	320	1								
	Total		743	100	6,597	100	5,551	100	29,327	100								
	c. Working for pay on campus	tmworkonhrs	0	0 hrs	638	85	5,168	78	4,903	88	24,704							
(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)		3	1-5 hrs	11	1	216	4	79	1	613	2							
8		6-10 hrs	29	3	410	6	180	3	1,202	4								
13		11-15 hrs	25	4	452	7	195	4	1,421	5								
18		16-20 hrs	22	3	245	4	126	2	857	3								
23		21-25 hrs	11	2	79	1	49	1	374	1								
28		26-30 hrs	2	0	12	0	12	0	67	0								
33	More than 30 hrs	4	1	26	0	12	0	111	0									
Total		742	100	6,608	100	5,556	100	29,349	100									
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	486	64	4,897	75	3,831	70	20,673	71	6.4	3.5 *** ▲	.36	4.9 *** △	.16	4.6 *** △	.21
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	21	3	314	4	237	4	1,327	4							
	8	6-10 hrs	39	5	344	5	290	5	1,445	5								
	13	11-15 hrs	42	6	346	5	321	6	1,686	6								
	18	16-20 hrs	69	9	319	5	337	5	1,604	5								
	23	21-25 hrs	33	4	204	3	230	4	1,205	4								
	28	26-30 hrs	16	2	98	1	143	2	652	2								
33	More than 30 hrs	35	5	94	1	171	3	769	3									
Total		741	100	6,616	100	5,560	100	29,361	100									
Estimated number of hours working for pay	tmworkhrs											8.5	6.2 *** △	.22	6.4 *** △	.19	6.5 *** △	.19
	(Continuous variable created by NSSE)																	

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NSSE 2021 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						
				UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona	Selected AAU Peers		Selected UA Peers		Carnegie>20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	483	65	4,272	65	3,414	62	18,277	63	2.6	1.9 ** ▲	.14	2.2	.08	2.1 *	.09
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	153	20	1,723	26	1,538	27	7,914	27							
		8	6-10 hrs	44	5	277	4	319	6	1,511	5							
		13	11-15 hrs	30	4	173	2	146	3	860	3							
		18	16-20 hrs	18	3	97	1	71	1	392	1							
		23	21-25 hrs	10	2	48	1	33	1	216	1							
		28	26-30 hrs	2	0	8	0	13	0	63	0							
		33	More than 30 hrs	2	0	13	0	19	0	114	0							
	Total			742	100	6,611	100	5,553	100	29,347	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	21	3	78	1	63	1	412	1	12.1	13.2 ** ▼	-.13	13.4 ***	-.14	13.3 ***	-.13
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	172	22	1,040	15	1,027	18	4,923	17							
		8	6-10 hrs	198	25	1,791	27	1,462	26	7,764	26							
		13	11-15 hrs	145	19	1,621	24	1,169	21	6,752	23							
		18	16-20 hrs	103	15	1,035	16	805	14	4,534	16							
		23	21-25 hrs	48	8	476	8	385	7	2,062	7							
		28	26-30 hrs	16	2	177	3	184	3	836	3							
		33	More than 30 hrs	39	6	395	6	455	9	2,057	7							
	Total			742	100	6,613	100	5,550	100	29,340	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	521	68	5,668	86	4,361	79	23,686	81	3.7	1.3 *** ▲	.45	2.0 ***	.29	1.8 ***	.34
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	96	13	415	6	598	10	2,554	9							
		8	6-10 hrs	41	6	172	3	218	4	1,085	4							
		13	11-15 hrs	29	5	154	2	161	3	892	3							
		18	16-20 hrs	17	2	92	1	74	1	453	2							
		23	21-25 hrs	15	3	54	1	56	1	260	1							
		28	26-30 hrs	6	1	14	0	18	0	85	0							
		33	More than 30 hrs	18	3	34	0	64	1	303	1							
	Total			743	100	6,603	100	5,550	100	29,318	100							

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NSSE 2021 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	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k				UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	408	54	2,436	37	2,673	48	12,929	43	3.0	3.9 *** ▽	-.17	3.1	-.03	3.6 **	-.12									
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	226	29	2,752	41	1,918	35	10,523	37																
	8	6-10 hrs	58	9	774	12	529	9	3,155	11																	
	13	11-15 hrs	18	3	348	5	222	4	1,435	5																	
	18	16-20 hrs	14	2	149	2	104	2	602	2																	
	23	21-25 hrs	9	1	78	1	51	1	338	1																	
	28	26-30 hrs	4	1	23	0	18	0	113	0																	
	33	More than 30 hrs	3	0	46	1	44	1	267	1																	
	Total			740	100	6,606	100	5,559	100	29,362	100																
17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																											
	reading	1	Very little	72	10	852	13	787	15	4,181	15	2.7	2.6	.05	2.6 *	.10	2.6 **	.12									
		2	Some	280	37	2,521	38	2,111	38	11,293	39																
		3	About half	242	34	1,823	27	1,514	27	7,856	26																
		4	Most	99	13	1,041	16	848	15	4,456	15																
		5	Almost all	46	6	355	6	282	5	1,486	5																
			Total			739	100	6,592	100	5,542	100								29,272	100							
	tmreadinghrs											7.7	7.0 ** △	.13	6.5 *** △	.21	6.5 *** △	.21									
	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																										
	tmreadinghrscol (Collapsed version of tmreadinghrs created by NSSE.)	1	0 hrs	5	1	20	0	15	0	118	0	7.7	7.0 ** △	.13	6.5 *** △	.21	6.5 *** △	.21									
		2	More than zero, up to 5 hrs	307	42	3,215	47	2,863	52	15,093	52																
		3	More than 5, up to 10 hrs	236	31	2,058	32	1,608	29	8,606	29																
		4	More than 10, up to 15 hrs	93	13	647	10	508	9	2,678	9																
		5	More than 15, up to 20 hrs	47	7	349	6	294	5	1,467	5																
		6	More than 20, up to 25 hrs	31	4	201	3	192	4	904	3																
		7	More than 25 hrs	17	2	83	1	48	1	306	1																
			Total			736	100	6,573	100	5,528	100								29,172	100							

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First-Year Students

Frequency Distributions^a

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
18. 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	66	9	736	12	442	8	2,734	11	2.8	2.6 ***	.23	2.8	.04	2.7 ***	.14	
		2	Some	197	27	2,252	34	1,625	29	8,969	31								
		3	Quite a bit	292	39	2,538	38	2,306	42	11,868	40								
		4	Very much	183	24	1,066	16	1,158	21	5,677	18								
		Total		738	100	6,592	100	5,531	100	29,248	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	159	22	983	16	822	15	4,203	16	2.5	2.5	-.03	2.5 *	-.09	2.5	-.07	
		2	Some	219	29	2,252	35	1,853	33	9,570	33								
		3	Quite a bit	217	30	2,270	33	1,871	34	10,288	34								
		4	Very much	141	19	1,083	16	983	18	5,161	17								
		Total		736	100	6,588	100	5,529	100	29,222	100								
c. Thinking critically and analytically	pgthink	1	Very little	50	8	209	3	205	4	1,049	4	2.9	3.0 **	-.14	3.0 **	-.13	3.0 *	-.10	
		2	Some	158	21	1,361	21	1,137	20	5,946	21								
		3	Quite a bit	296	41	3,020	45	2,413	44	13,229	45								
		4	Very much	231	30	1,991	31	1,776	32	8,987	31								
		Total		735	100	6,581	100	5,531	100	29,211	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	104	14	689	10	625	11	2,900	10	2.7	2.8 **	-.12	2.7	-.05	2.7 *	-.09	
		2	Some	211	29	1,899	28	1,682	30	8,441	29								
		3	Quite a bit	254	36	2,508	38	2,032	37	11,233	38								
		4	Very much	165	22	1,498	24	1,186	22	6,634	23								
		Total		734	100	6,594	100	5,525	100	29,208	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	196	26	849	13	1,000	18	4,254	15	2.4	2.6 ***	-.26	2.5 *	-.11	2.5 ***	-.19	
		2	Some	205	28	2,106	32	1,897	34	9,578	33								
		3	Quite a bit	211	30	2,362	35	1,719	31	10,045	34								
		4	Very much	123	16	1,272	19	914	17	5,342	18								
		Total		735	100	6,589	100	5,530	100	29,219	100								
f. Working effectively with others	pgothers	1	Very little	126	19	569	9	548	10	2,623	10	2.5	2.8 ***	-.27	2.7 ***	-.22	2.7 ***	-.23	
		2	Some	228	31	1,859	29	1,636	29	8,447	30								
		3	Quite a bit	237	31	2,678	40	2,121	38	11,646	39								
		4	Very much	142	19	1,488	22	1,225	22	6,516	22								
		Total		733	100	6,594	100	5,530	100	29,232	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 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	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	151	21	899	15	754	15	3,769	15	2.4	2.6 **	-0.14	2.6 ***	-0.18	2.6 ***	-0.16	
		2	Some	223	30	2,079	32	1,591	29	8,776	30								
		3	Quite a bit	231	32	2,392	35	2,028	36	10,848	36								
		4	Very much	129	17	1,214	19	1,148	21	5,800	19								
		Total		734	100	6,584	100	5,521	100	29,193	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	100	14	636	10	520	10	2,767	11	2.7	2.7	-0.07	2.8 ***	-0.15	2.7 *	-0.09	
		2	Some	204	28	1,962	30	1,448	27	8,226	29								
		3	Quite a bit	263	36	2,505	37	2,023	36	11,071	37								
		4	Very much	170	22	1,488	23	1,537	27	7,140	24								
		Total		737	100	6,591	100	5,528	100	29,204	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	133	18	712	11	705	13	3,399	13	2.5	2.7 ***	-0.21	2.6 ***	-0.15	2.6 ***	-0.15	
		2	Some	245	34	2,158	32	1,827	33	9,524	33								
		3	Quite a bit	223	31	2,431	37	1,887	34	10,562	35								
		4	Very much	135	17	1,288	20	1,111	20	5,723	19								
		Total		736	100	6,589	100	5,530	100	29,208	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	127	18	843	13	706	13	3,608	14	2.5	2.6	-0.08	2.6 **	-0.12	2.6 *	-0.08	
		2	Some	227	31	2,239	34	1,725	31	9,484	33								
		3	Quite a bit	239	33	2,293	34	1,952	35	10,400	35								
		4	Very much	142	18	1,209	19	1,149	21	5,747	19								
		Total		735	100	6,584	100	5,532	100	29,239	100								

19. How would you evaluate your entire educational experience at this institution?

evalexp	1	2	3	4	Total	UArizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k
Poor	33	5	153	2	131	3	721	3	2.9
Fair	172	24	998	15	845	15	4,503	16	
Good	347	46	3,394	49	2,855	50	15,017	50	
Excellent	186	25	2,062	34	1,726	32	9,093	31	
Total	738	100	6,607	100	5,557	100	29,334	100	

20. If you could start over again, would you go to the same institution you are now attending?

sameinst	1	2	3	4	Total	UArizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k
Definitely no	25	4	147	2	149	3	821	3	3.1
Probably no	107	15	765	11	613	11	3,464	12	
Probably yes	356	48	2,992	44	2,485	44	13,199	45	
Definitely yes	251	33	2,741	42	2,333	43	11,957	40	
Total	739	100	6,645	100	5,580	100	29,441	100	

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NSSE 2021 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	UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
21. Do you intend to return to this institution next year?^f																			
	returnexp		No	18	3	184	3	142	3	879	3	90%	92%	-.07	92%	-.05	91%	-.03	
(Means indicate the percentage who responded "Yes.")		Yes	677	90	6,109	92	5,146	92	26,908	91									
		Not sure	44	6	345	5	312	6	1,697	6									
		Total	739	100	6,638	100	5,600	100	29,484	100									
22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic?																			
	covidexp	1	Very little	67	10	2.9	<i>Results suppressed due to insufficient number of 2021 institutions.</i>	197	9	980	9	2.9	.03	2.9	.00				
		2	Some	187	25			548	24	2,912	24								
		3	Quite a bit	241	32			871	39	4,814	38								
		4	Very much	250	34			622	28	3,796	30								
		Total	745	100	2,238			100	12,502	100									

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NSSE 2021 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	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
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	4	383	5	480	5	2,053	5	2.9	2.8 ***	.11	2.9	.02	2.9	.05	
		2	Sometimes	405	32	3,174	36	3,618	32	15,585	33								
		3	Often	416	33	2,920	33	3,561	32	15,165	32								
		4	Very often	393	31	2,379	27	3,571	32	14,563	30								
		Total		1,256	100	8,856	100	11,230	100	47,366	100								
b. Asked another student to help you understand course material	CLaskhelp	1	Never	228	20	968	11	1,672	16	7,216	16	2.3	2.6 ***	-.25	2.4 **	-.09	2.4 ***	-.10	
		2	Sometimes	512	41	3,446	38	4,545	41	19,015	41								
		3	Often	305	24	2,846	32	3,039	27	13,175	28								
		4	Very often	201	15	1,554	18	1,902	16	7,628	16								
		Total		1,246	100	8,814	100	11,158	100	47,034	100								
c. Explained course material to one or more students	CLexplain	1	Never	154	13	457	5	945	9	4,263	9	2.5	2.8 ***	-.29	2.7 ***	-.13	2.7 ***	-.14	
		2	Sometimes	476	38	3,022	33	4,169	37	17,116	36								
		3	Often	392	31	3,475	40	3,840	35	16,302	35								
		4	Very often	220	18	1,842	22	2,187	20	9,286	20								
		Total		1,242	100	8,796	100	11,141	100	46,967	100								
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	330	28	1,551	17	2,324	21	10,038	22	2.2	2.5 ***	-.27	2.4 ***	-.18	2.4 ***	-.16	
		2	Sometimes	449	36	2,948	34	3,833	34	15,775	34								
		3	Often	270	22	2,566	29	2,917	27	12,561	27								
		4	Very often	194	15	1,699	20	2,004	18	8,331	18								
		Total		1,243	100	8,764	100	11,078	100	46,705	100								
e. Worked with other students on course projects or assignments	CLproject	1	Never	134	11	435	5	906	8	4,209	9	2.7	3.0 ***	-.31	2.8 ***	-.13	2.8 ***	-.13	
		2	Sometimes	412	33	2,312	26	3,295	30	13,597	29								
		3	Often	395	32	3,245	36	3,789	35	16,110	35								
		4	Very often	297	24	2,751	32	3,039	27	12,603	27								
		Total		1,238	100	8,743	100	11,029	100	46,519	100								
f. Given a course presentation	present	1	Never	215	18	922	11	1,626	16	7,281	16	2.5	2.6 ***	-.14	2.5 *	-.07	2.5	-.05	
		2	Sometimes	466	36	3,293	38	3,871	36	16,931	37								
		3	Often	328	26	2,771	32	3,201	28	13,243	28								
		4	Very often	228	19	1,738	19	2,304	20	8,977	19								
		Total		1,237	100	8,724	100	11,002	100	46,432	100								

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NSSE 2021 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	UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
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	70	6	280	3	516	5	2,342	5	2.9	2.9	-.04	2.9	-.05	2.9	-.02	
		2	Sometimes	341	28	2,565	30	3,015	28	13,249	29								
		3	Often	497	40	3,596	41	4,343	40	18,359	40								
		4	Very often	320	25	2,203	25	3,021	27	11,997	26								
		Total		1,228	100	8,644	100	10,895	100	45,947	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	87	8	696	9	869	9	4,110	10	2.7	2.7 *	.08	2.7	-.01	2.7 *	.06	
		2	Sometimes	393	33	3,103	36	3,387	32	15,212	34								
		3	Often	443	36	2,975	34	3,785	34	15,799	34								
		4	Very often	301	23	1,827	21	2,792	25	10,560	23								
		Total		1,224	100	8,601	100	10,833	100	45,681	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	164	15	1,236	16	1,516	15	7,006	17	2.5	2.5	.05	2.6	-.05	2.5	.02	
		2	Sometimes	425	35	3,193	37	3,451	33	15,464	34								
		3	Often	365	29	2,562	29	3,272	30	13,584	29								
		4	Very often	260	20	1,553	18	2,514	22	9,317	20								
		Total		1,214	100	8,544	100	10,753	100	45,371	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	77	7	450	6	601	6	2,585	6	2.8	2.8	.04	2.8	-.03	2.8	.01	
		2	Sometimes	339	28	2,748	32	3,106	29	13,508	30								
		3	Often	516	43	3,678	43	4,450	42	19,102	42								
		4	Very often	270	22	1,612	20	2,499	23	9,805	22								
		Total		1,202	100	8,488	100	10,656	100	45,000	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	49	5	270	4	375	4	1,661	4	2.9	2.9	-.02	3.0 ***	-.11	2.9	-.05	
		2	Sometimes	309	27	2,210	26	2,397	23	10,967	25								
		3	Often	513	43	3,812	45	4,535	43	19,493	43								
		4	Very often	317	26	2,092	25	3,177	30	12,281	28								
		Total		1,188	100	8,384	100	10,484	100	44,402	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	40	4	193	2	268	3	1,216	3	3.0	2.9	.02	3.0	-.02	2.9	.03	
		2	Sometimes	277	24	2,207	26	2,634	26	11,682	27								
		3	Often	529	45	3,900	47	4,461	42	19,340	43								
		4	Very often	331	27	2,006	25	2,984	29	11,618	26								
		Total		1,177	100	8,306	100	10,347	100	43,856	100								

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NSSE 2021 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	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	21	2	91	1	134	1	597	2	3.2	3.2	.01	3.2	-.01	3.1	.03	
		2	Sometimes	177	15	1,367	16	1,664	17	7,568	18								
		3	Often	534	46	3,991	48	4,637	45	20,252	46								
		4	Very often	432	36	2,790	35	3,806	37	15,048	35								
		Total		1,164	100	8,239	100	10,241	100	43,465	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	239	21	1,588	21	2,100	22	9,290	22	2.3	2.3	.05	2.3	.00	2.3	.03	
		2	Sometimes	472	40	3,592	44	4,224	41	17,840	41								
		3	Often	261	22	1,834	21	2,202	21	9,523	21								
		4	Very often	193	16	1,205	14	1,701	17	6,725	15								
		Total		1,165	100	8,219	100	10,227	100	43,378	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	482	42	3,301	41	4,656	46	19,574	46	1.9	2.0	-.01	1.9 *	.07	1.9 *	.06	
		2	Sometimes	366	31	2,736	33	3,053	29	12,909	30								
		3	Often	199	17	1,327	16	1,425	14	6,404	15								
		4	Very often	116	10	837	10	1,034	10	4,294	10								
		Total		1,163	100	8,201	100	10,168	100	43,181	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	368	32	2,284	28	3,337	33	14,154	33	2.0	2.1 *	-.07	2.0	-.01	2.0	-.01	
		2	Sometimes	491	42	3,622	45	4,017	39	17,073	40								
		3	Often	204	18	1,571	19	1,751	18	7,748	18								
		4	Very often	94	8	678	8	983	10	3,909	9								
		Total		1,157	100	8,155	100	10,088	100	42,884	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	318	28	2,496	32	2,700	28	12,572	30	2.1	2.0 ***	.14	2.1	-.01	2.1	.05	
		2	Sometimes	507	44	3,730	46	4,503	44	18,649	43								
		3	Often	234	21	1,368	16	1,941	19	7,949	18								
		4	Very often	95	8	557	7	958	9	3,716	8								
		Total		1,154	100	8,151	100	10,102	100	42,886	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	112	10	660	8	632	6	3,043	7	2.7	2.7	.01	2.9 ***	-.19	2.8 ***	-.11	
		2	Some	353	31	2,709	34	2,721	27	12,644	30								
		3	Quite a bit	450	39	3,098	38	3,989	40	16,712	39								
		4	Very much	240	21	1,635	20	2,680	27	10,205	24								
		Total		1,155	100	8,102	100	10,022	100	42,604	100								

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NSSE 2021 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	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	39	4	225	3	371	4	1,468	4	3.0	3.1 *	-0.08	3.0	-0.05	3.0	-0.05	
		2	Some	264	23	1,716	20	2,122	21	9,028	21								
		3	Quite a bit	502	43	3,732	46	4,345	43	18,758	44								
		4	Very much	344	30	2,398	31	3,135	32	13,160	31								
		Total		1,149	100	8,071	100	9,973	100	42,414	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	48	5	292	4	362	4	1,613	4	3.0	3.0	.03	3.0	-0.02	3.0	.00	
		2	Some	255	22	1,925	23	2,220	22	9,559	23								
		3	Quite a bit	490	43	3,634	45	4,160	42	18,160	43								
		4	Very much	350	31	2,156	28	3,124	32	12,710	30								
		Total		1,143	100	8,007	100	9,866	100	42,042	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	81	7	616	9	533	6	2,658	7	2.9	2.8 **	.09	2.9 **	-0.08	2.9	.00	
		2	Some	273	25	2,217	28	2,372	25	10,656	26								
		3	Quite a bit	482	43	3,332	41	4,057	41	17,398	41								
		4	Very much	290	25	1,802	23	2,850	29	11,099	26								
		Total		1,126	100	7,967	100	9,812	100	41,811	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	64	6	378	5	438	5	1,964	5	2.9	2.9	.02	3.0 *	-0.07	2.9	-0.01	
		2	Some	251	23	2,049	26	2,310	24	10,194	25								
		3	Quite a bit	523	46	3,586	45	4,185	43	18,266	43								
		4	Very much	287	25	1,913	24	2,823	29	11,190	27								
		Total		1,125	100	7,926	100	9,756	100	41,614	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	37	4	165	2	270	3	1,094	3	3.1	3.1	-0.01	3.1	-0.03	3.1	-0.02	
		2	Some	223	20	1,597	20	1,896	20	8,230	20								
		3	Quite a bit	480	43	3,718	47	4,176	42	18,214	44								
		4	Very much	377	34	2,403	32	3,332	35	13,799	34								
		Total		1,117	100	7,883	100	9,674	100	41,337	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	61	6	290	3	507	6	1,953	5	3.0	3.0	-0.03	3.0	-0.02	3.0	-0.03	
		2	Some	250	23	1,705	21	2,137	21	8,980	21								
		3	Quite a bit	471	41	3,838	48	4,127	42	17,949	43								
		4	Very much	335	30	2,031	27	2,877	31	12,349	30								
		Total		1,117	100	7,864	100	9,648	100	41,231	100								

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NSSE 2021 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	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	42	4	188	2	403	4	1,600	4	3.1	3.1	.00	3.0	.02	3.0	.03	
		2	Some	222	20	1,670	21	2,067	21	8,825	21								
		3	Quite a bit	470	43	3,575	45	3,932	40	17,331	42								
		4	Very much	377	34	2,423	32	3,228	34	13,412	33								
		Total		1,111	100	7,856	100	9,630	100	41,168	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	117	11	966	13	1,008	11	4,923	13	2.8	2.6 ***	.21	2.8	.02	2.7 ***	.11	
		2	Some	302	27	2,710	35	2,696	28	12,515	31								
		3	Quite a bit	382	34	2,671	33	3,292	34	13,716	33								
		4	Very much	309	28	1,491	19	2,608	27	9,941	24								
		Total		1,110	100	7,838	100	9,604	100	41,095	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	112	10	771	10	961	11	4,231	11	2.7	2.6 ***	.15	2.7	.01	2.7	.06	
		2	Some	338	30	2,817	36	2,912	29	12,897	31								
		3	Quite a bit	395	36	2,933	38	3,440	36	14,795	36								
		4	Very much	269	24	1,303	17	2,268	24	9,044	22								
		Total		1,114	100	7,824	100	9,581	100	40,967	100								
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	47	4			235	6	962	6	3.0	2.9 *	.08	2.9 *	.08	2.9 *	.08	
		2	Some	268	24			966	25	4,473	25								
		3	Quite a bit	439	39			1,528	39	7,386	41								
		4	Very much	350	32			1,166	30	5,117	29								
		Total		1,104	100			3,895	100	17,938	100								
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	51	5			194	5	829	5	3.0	2.9 **	.10	2.9 **	.10	2.9 **	.10	
		2	Some	237	21			954	25	4,296	24								
		3	Quite a bit	462	42			1,616	41	7,779	43								
		4	Very much	355	33			1,122	29	5,007	28								
		Total		1,105	100			3,886	100	17,911	100								
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	140	13			540	14	2,291	13	2.6	2.5	.06	2.6	.06	2.6	.05	
		2	Some	369	33			1,336	35	6,188	35								
		3	Quite a bit	386	35			1,329	34	6,270	34								
		4	Very much	211	20			677	17	3,126	18								
		Total		1,106	100			3,882	100	17,875	100								

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NSSE 2021 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	UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	28	3			170	5	717	4	3.2							
		2	Some	178	17			717	19	3,474	20								
		3	Quite a bit	447	40			1,602	41	7,657	42								
		4	Very much	444	41			1,382	35	5,989	34								
		Total		1,097	100			3,871	100	17,837	100								
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	127	11	708	9	1,005	10	4,069	10	2.7	2.7	-.06	2.7	-.02	2.7	-.02	
		2	Sometimes	354	32	2,598	32	3,136	32	13,459	32								
		3	Often	380	35	2,866	37	3,373	36	14,663	37								
		4	Very often	224	22	1,553	22	1,898	22	8,068	21								
		Total		1,085	100	7,725	100	9,412	100	40,259	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	192	18	1,349	17	1,666	18	7,176	18	2.5	2.5	.06	2.5	.02	2.4	.06	
		2	Sometimes	371	33	2,824	36	3,318	34	14,317	35								
		3	Often	314	29	2,368	31	2,823	30	12,112	30								
		4	Very often	203	20	1,148	16	1,580	18	6,496	17								
		Total		1,080	100	7,689	100	9,387	100	40,101	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	167	15	979	12	1,519	16	6,122	15	2.5	2.5	-.03	2.5	.03	2.5	.04	
		2	Sometimes	397	36	2,956	37	3,517	36	15,114	37								
		3	Often	330	31	2,626	35	2,880	32	12,722	32								
		4	Very often	184	18	1,100	16	1,434	16	5,984	15								
		Total		1,078	100	7,661	100	9,350	100	39,942	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrshortnum	0	None	83	8	492	6	594	7	3,188	8	7.8	7.3 *	.09	7.4	.06	7.0 ***	.13	
		1.5	1-2	199	18	1,514	20	1,662	19	8,017	20								
		4	3-5	273	25	2,139	28	2,599	28	11,361	28								
		8	6-10	229	21	1,648	22	2,022	21	8,230	20								
		13	11-15	107	10	874	11	1,031	10	4,136	10								
		18	16-20	59	6	401	5	537	5	1,925	5								
		23	More than 20	121	11	580	7	870	9	2,978	7								
		Total		1,071	100	7,648	100	9,315	100	39,835	100								

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				UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Between 6 and 10 pages	wrmednum	0	None	306	29	2,179	28	2,386	27	11,984	30	3.4	3.0 *	.08	3.6	-.04	3.2	.04	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	351	32	2,684	36	2,966	32	12,828	32								
		4	3-5	218	20	1,646	22	2,107	22	8,302	21								
		8	6-10	114	11	668	9	1,047	11	3,962	10								
		13	11-15	36	4	271	4	389	4	1,465	4								
		18	16-20	17	2	80	1	165	2	500	1								
		23	More than 20	21	2	95	1	226	2	657	2								
		Total		1,063	100	7,623	100	9,286	100	39,698	100								
c. 11 pages or more	wrlongnum	0	None	609	56	4,049	52	4,618	51	21,593	54	1.9	1.7	.05	2.1	-.06	1.9	.00	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	275	26	2,389	32	2,813	30	11,285	28								
		4	3-5	98	9	675	9	971	10	3,573	9								
		8	6-10	43	4	259	4	379	4	1,545	4								
		13	11-15	21	2	149	2	259	3	965	2								
		18	16-20	8	1	52	1	92	1	305	1								
		23	More than 20	17	2	65	1	171	2	512	1								
		Total		1,071	100	7,638	100	9,303	100	39,778	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.)									78.6	71.6 *	.08	81.9	-.03	74.1	.05	
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	60	6	260	3	475	5	1,942	5	3.0	3.1	-.03	3.2 ***	-.14	3.1 *	-.07	
		2	Sometimes	235	22	1,952	25	1,707	19	8,648	22								
		3	Often	347	33	2,523	32	2,732	30	12,341	30								
		4	Very often	423	39	2,906	39	4,386	46	16,845	43								
			Total	1,065	100	7,641	100	9,300	100	39,776	100								
b. People from an economic background other than your own	DDeconomic	1	Never	67	7	209	3	488	5	1,857	5	3.0	3.0 **	-.09	3.1 ***	-.14	3.1 ***	-.10	
		2	Sometimes	250	24	1,892	25	1,952	21	8,902	22								
		3	Often	381	35	2,936	38	3,056	33	13,928	35								
		4	Very often	366	34	2,584	34	3,768	40	14,999	38								
			Total	1,064	100	7,621	100	9,264	100	39,686	100								

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
c. People with religious beliefs other than your own	DDreligion	1	Never	79	8	296	4	686	7	2,446	6	2.9	3.0 ***	-0.16	3.0 ***	-0.12	3.0 ***	-0.11	
		2	Sometimes	270	25	1,934	25	2,115	23	9,530	24								
		3	Often	370	34	2,630	34	2,861	31	12,849	32								
		4	Very often	347	32	2,770	37	3,605	39	14,854	38								
		Total		1,066	100	7,630	100	9,267	100	39,679	100								
d. People with political views other than your own	DDpolitical	1	Never	94	10	362	5	747	8	2,762	7	2.8	2.9 **	-0.11	2.9 ***	-0.12	2.9 ***	-0.12	
		2	Sometimes	343	31	2,383	32	2,764	28	11,413	29								
		3	Often	313	29	2,453	31	2,606	29	12,077	30								
		4	Very often	315	30	2,434	32	3,153	35	13,448	34								
		Total		1,065	100	7,632	100	9,270	100	39,700	100								
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	43	4	268	4	262	3	1,262	4	3.0	3.0	.05	3.1	-0.05	3.0	.01	
		2	Sometimes	218	21	1,808	23	1,915	21	8,692	22								
		3	Often	434	41	3,249	42	3,931	42	16,819	42								
		4	Very often	364	34	2,274	31	3,128	34	12,796	32								
		Total		1,059	100	7,599	100	9,236	100	39,569	100								
b. Reviewed your notes after class	LSnotes	1	Never	96	10	713	10	655	7	2,901	8	2.8	2.7 ***	.16	2.9 *	-0.07	2.8	-0.02	
		2	Sometimes	311	29	2,809	37	2,783	29	11,941	30								
		3	Often	340	32	2,376	31	2,958	32	12,979	32								
		4	Very often	308	30	1,694	22	2,839	32	11,703	30								
		Total		1,055	100	7,592	100	9,235	100	39,524	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	77	8	669	9	613	7	2,677	7	2.8	2.7 ***	.14	2.9 *	-0.09	2.8	-0.03	
		2	Sometimes	336	31	2,668	35	2,672	27	11,511	29								
		3	Often	354	33	2,703	35	3,341	36	14,646	37								
		4	Very often	290	28	1,547	21	2,607	30	10,685	27								
		Total		1,057	100	7,587	100	9,233	100	39,519	100								

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				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
	challenge	1	Not at all	16	2	94	1	123	2	538	2	5.3	5.2	.04	5.5 ***	-0.13	5.4 *	-0.07	
		2		27	3	158	2	164	2	806	2								
		3		68	7	487	6	453	5	2,281	6								
		4		155	14	1,026	13	1,034	11	4,891	12								
		5		298	27	2,569	34	2,635	28	11,647	29								
		6		229	22	1,904	25	2,287	25	9,382	24								
		7	Very much	256	25	1,317	18	2,493	27	9,764	25								
			Total	1,049	100	7,555	100	9,189	100	39,309	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 <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	111	11	413	5	1,099	12	3,908	10	47%	.6 ***	-0.27	.4	.06	.5	.00	
			Do not plan to do	173	18	1,041	14	1,435	16	6,322	16								
			Plan to do	253	24	1,588	21	2,584	28	10,675	27								
			Done or in progress	512	47	4,510	60	4,051	44	18,346	47								
			Total	1,049	100	7,552	100	9,169	100	39,251	100								
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	142	14	510	7	1,254	14	4,650	12	34%	.5 ***	-0.29	.3	.06	.3	.00	
			Do not plan to do	448	43	2,827	38	4,144	46	17,271	44								
			Plan to do	88	8	506	7	848	9	3,816	10								
			Done or in progress	369	34	3,701	48	2,901	31	13,449	34								
			Total	1,047	100	7,544	100	9,147	100	39,186	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	175	17	581	8	1,451	16	5,290	13	20%	.3 ***	-0.21	.2	.01	.2 *	-0.06	
			Do not plan to do	546	53	4,155	57	4,918	54	20,753	54								
			Plan to do	105	10	523	7	940	10	4,146	10								
			Done or in progress	211	20	2,260	28	1,796	19	8,857	22								
			Total	1,037	100	7,519	100	9,105	100	39,046	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	132	12	507	7	1,246	14	4,657	12	11%	.2 ***	-0.37	.1	-0.06	.1 *	-0.07	
			Do not plan to do	706	69	4,595	61	6,017	65	25,717	66								
			Plan to do	78	7	561	7	769	8	3,459	9								
			Done or in progress	124	11	1,849	25	1,087	13	5,246	13								
			Total	1,040	100	7,512	100	9,119	100	39,079	100								

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				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	151	14	730	10	1,610	18	6,098	16	30%	▽	.3 *	-.07	.2 ***	.22	.2 ***	.19	
			Do not plan to do	434	42	3,620	46	4,329	48	19,209	48									△
			Plan to do	133	13	785	10	1,309	14	5,286	14									
			Done or in progress	321	30	2,384	34	1,859	21	8,475	22									△
			Total	1,039	100	7,519	100	9,107	100	39,068	100									
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	130	12	492	6	1,042	12	4,088	11	38%	▽	.5 ***	-.17	.4	-.04	.4	-.02	
			Do not plan to do	294	27	2,025	25	2,015	25	9,725	25									
			Plan to do	228	23	1,619	22	2,216	24	10,040	26									
			Done or in progress	389	38	3,390	46	3,831	40	15,202	39									
			Total	1,041	100	7,526	100	9,104	100	39,055	100									
12. About how many of your courses at this institution have included a community-based project (service-learning)?																				
	servcourse		1 None	476	47	3,493	48	3,597	41	17,167	45	1.7	△	1.6 *	.08	1.7 *	-.09	1.7	-.01	
			2 Some	447	43	3,439	45	4,482	49	17,840	46									
			3 Most	87	8	477	6	804	8	3,134	7									
			4 All	20	2	85	1	193	2	765	2									
			Total	1,030	100	7,494	100	9,076	100	38,906	100									
13. Indicate the quality of your interactions with the following people at your institution.																				
a. Students	QIstudent		1 Poor	20	2	66	1	178	2	621	2	5.3	▽	5.6 ***	-.18	5.5 ***	-.14	5.5 ***	-.15	
			2	31	3	105	1	176	2	764	2									
			3	59	6	295	4	444	5	1,758	5									
			4	131	12	743	10	909	10	3,954	10									
			5	260	24	1,970	26	2,224	24	9,461	24									
			6	252	24	2,518	33	2,434	27	10,803	28									
			7 Excellent	256	25	1,772	24	2,559	29	10,850	28									
			— Not applicable	23	2	37	1	151	2	713	2									
			Total	1,032	100	7,506	100	9,075	100	38,924	100									

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
b. Academic advisors	Qladvisor	1	Poor	45	5	300	4	445	5	1,891	5	5.4	5.2 ***	.14	5.2 ***	.13	5.2 ***	.16	
		2		35	3	355	5	453	5	2,002	5								
		3		62	6	550	7	653	7	2,983	8								
		4		105	10	932	13	1,127	12	5,025	13								
		5		181	17	1,492	20	1,696	18	7,306	19								
		6		220	21	1,623	22	1,779	19	7,504	19								
		7	Excellent	370	37	2,184	28	2,807	32	11,625	30								
		—	Not applicable	15	1	62	1	117	1	560	1								
	Total	1,033	100	7,498	100	9,077	100	38,896	100										
c. Faculty	QIfaculty	1	Poor	23	2	86	1	214	3	786	2	5.4	5.3	.06	5.4	.00	5.4	.03	
		2		22	2	152	2	230	3	1,002	3								
		3		51	6	399	6	465	5	2,111	5								
		4		119	12	984	13	1,132	12	5,079	13								
		5		254	24	2,202	29	2,209	23	9,645	24								
		6		281	26	2,254	30	2,461	27	10,680	28								
		7	Excellent	261	26	1,385	19	2,230	26	9,107	24								
		—	Not applicable	19	2	28	0	116	1	451	1								
	Total	1,030	100	7,490	100	9,057	100	38,861	100										
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	45	5	282	4	418	5	1,646	4	4.9	4.8	.05	5.1 *	-0.08	5.0	-0.03	
		2		35	3	364	5	349	3	1,705	4								
		3		78	7	594	8	526	6	2,618	7								
		4		136	13	1,106	15	1,125	12	4,988	13								
		5		158	15	1,666	22	1,603	17	7,255	18								
		6		144	14	1,462	19	1,514	17	6,758	17								
		7	Excellent	187	19	1,119	15	1,637	20	6,892	18								
		—	Not applicable	246	24	895	12	1,881	21	6,982	18								
	Total	1,029	100	7,488	100	9,053	100	38,844	100										

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Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	53	6	305	4	514	6	2,066	5	4.8	4.8	.01	4.9	-.05	4.9	-.02	
		2		59	6	376	5	461	5	2,068	5								
		3		88	8	603	8	741	8	3,161	8								
		4		152	15	1,232	16	1,315	14	5,864	15								
		5		209	20	1,673	22	1,828	20	7,876	20								
		6		175	16	1,507	19	1,588	18	7,108	18								
		7	Excellent	179	19	1,046	14	1,720	20	6,901	18								
		—	Not applicable	115	11	753	11	897	10	3,836	10								
Total				1,030	100	7,495	100	9,064	100	38,880	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	3	118	2	150	2	671	2	3.1	3.2 ***	-.12	3.1	-.05	3.1	-.03	
		2	Some	191	19	1,303	16	1,637	18	7,147	18								
		3	Quite a bit	450	43	3,410	44	4,062	45	17,724	45								
		4	Very much	361	35	2,644	39	3,187	36	13,206	35								
		Total				1,029	100	7,475	100	9,036	100								38,748
b. Providing support to help students succeed academically	SEacademic	1	Very little	81	8	402	6	531	6	2,279	6	2.8	2.8	-.01	2.9 **	-.10	2.9	-.06	
		2	Some	276	27	2,094	29	2,423	26	10,342	27								
		3	Quite a bit	428	42	3,398	45	3,763	42	16,486	42								
		4	Very much	244	23	1,565	21	2,308	26	9,561	25								
		Total				1,029	100	7,459	100	9,025	100								38,668
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	114	11	658	9	909	10	4,036	11	2.8	2.7 *	.07	2.8	-.01	2.8	.03	
		2	Some	231	23	2,241	30	2,431	26	10,187	26								
		3	Quite a bit	399	39	2,950	40	3,216	36	14,527	37								
		4	Very much	283	26	1,608	22	2,460	28	9,878	26								
		Total				1,027	100	7,457	100	9,016	100								38,628
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	196	19	1,181	16	1,220	13	5,467	15	2.5	2.5	.01	2.7 ***	-.22	2.6 ***	-.13	
		2	Some	335	32	2,584	35	2,544	28	11,605	30								
		3	Quite a bit	292	28	2,397	31	2,910	32	12,679	32								
		4	Very much	206	21	1,281	17	2,344	27	8,852	23								
		Total				1,029	100	7,443	100	9,018	100								38,603

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 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	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k					
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%				
e. Providing opportunities to be involved socially	SEsocial	1	Very little	135	14	513	7	825	9	3,461	9	2.7	2.8 ***	-0.16	2.9 ***	-0.23	2.8 ***	-0.17			
		2	Some	307	29	2,052	29	2,408	25	10,222	27								▽	▽	▽
		3	Quite a bit	353	34	3,141	42	3,262	36	14,929	38										
		4	Very much	229	22	1,739	22	2,504	30	9,936	26										
		Total		1,024	100	7,445	100	8,999	100	38,548	100										
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	110	11	884	13	971	11	4,392	12	2.8	2.6 ***	.14	2.8	-0.05	2.7	.03			
		2	Some	275	27	2,343	32	2,487	26	10,814	28								△		
		3	Quite a bit	387	38	2,743	36	3,142	35	14,027	36										
		4	Very much	252	24	1,472	20	2,408	28	9,310	24										
		Total		1,024	100	7,442	100	9,008	100	38,543	100										
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	372	36	2,751	38	2,995	32	12,761	34	2.1	1.9 ***	.15	2.1 *	-0.08	2.1	-0.01			
		2	Some	321	31	2,842	38	3,112	34	13,461	35								△	▽	
		3	Quite a bit	240	24	1,307	17	1,832	21	8,120	21										
		4	Very much	91	9	538	7	1,054	13	4,156	11										
		Total		1,024	100	7,438	100	8,993	100	38,498	100										
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	206	21	780	10	1,517	16	5,711	15	2.5	2.7 ***	-0.22	2.7 ***	-0.20	2.6 ***	-0.17			
		2	Some	293	29	2,404	32	2,540	27	11,126	29								▽	▽	▽
		3	Quite a bit	352	34	2,825	38	2,934	33	13,378	34										
		4	Very much	168	16	1,426	19	1,995	24	8,259	22										
		Total		1,019	100	7,435	100	8,986	100	38,474	100										
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	290	28	1,400	20	1,931	21	8,316	22	2.2	2.3 ***	-0.12	2.4 ***	-0.22	2.3 ***	-0.15			
		2	Some	380	37	3,162	42	3,236	35	14,436	37								▽	▽	▽
		3	Quite a bit	250	24	2,102	28	2,461	28	10,687	27										
		4	Very much	103	10	773	10	1,355	16	5,051	13										
		Total		1,023	100	7,437	100	8,983	100	38,490	100										
15. To what extent do you agree or disagree with the following statements?																					
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	38	5	168	2	251	3	1,017	3	3.2	3.3 **	-0.10	3.3 ***	-0.13	3.3 **	-0.10			
		2	Disagree	91	9	567	8	627	7	2,777	7								▽	▽	▽
		3	Agree	496	48	3,705	49	4,338	46	18,786	48										
		4	Strongly agree	397	39	3,003	41	3,758	44	15,921	42										
		Total		1,022	100	7,443	100	8,974	100	38,501	100										

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NSSE 2021 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	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	91	10	604	9	714	8	3,068	9	2.8	2.8	.06	2.9 *	-.07	2.8	-.02	
		2	Disagree	217	20	1,804	25	1,801	19	8,096	21								
		3	Agree	482	46	3,608	47	4,427	48	18,697	48								
		4	Strongly agree	233	23	1,428	19	2,025	25	8,601	23								
		Total		1,023	100	7,444	100	8,967	100	38,462	100								
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	77	8	404	6	588	7	2,467	7	2.9	2.9 *	-.08	2.9 *	-.08	2.9	-.05	
		2	Disagree	188	19	1,364	18	1,702	18	7,306	19								
		3	Agree	522	50	3,846	50	4,475	48	19,104	49								
		4	Strongly agree	237	23	1,831	25	2,210	26	9,604	25								
		Total		1,024	100	7,445	100	8,975	100	38,481	100								
16. 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 <i>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	6	1	34	1	30	0	169	0	17.2	16.4 **	.09	15.4 ***	.21	15.7 ***	.17	
		3	1-5 hrs	94	9	833	10	1,088	13	4,595	12								
		8	6-10 hrs	187	18	1,576	20	1,950	23	8,375	22								
		13	11-15 hrs	187	19	1,535	20	1,782	20	7,777	20								
		18	16-20 hrs	191	19	1,369	19	1,647	18	6,932	18								
		23	21-25 hrs	135	13	823	11	925	10	4,256	11								
		28	26-30 hrs	75	7	538	8	611	6	2,559	7								
		33	More than 30 hrs	143	14	712	11	929	10	3,703	10								
Total		1,018	100	7,420	100	8,962	100	38,366	100										

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NSSE 2021 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						
				UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona	Selected AAU Peers		Selected UA Peers		Carnegie>20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	457	46	2,149	29	4,124	45	16,056	42	4.3	5.7 *** ▽	-0.22	4.7	-0.06	4.8 *	-0.08
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	315	30	2,605	34	2,363	27	11,028	28							
	8	6-10 hrs	113	11	1,355	19	1,094	13	5,186	14								
	13	11-15 hrs	58	6	642	9	619	7	2,849	7								
	18	16-20 hrs	35	3	340	5	364	4	1,600	4								
	23	21-25 hrs	15	1	176	2	188	2	828	2								
	28	26-30 hrs	8	1	65	1	66	1	288	1								
	33	More than 30 hrs	16	2	80	1	132	1	493	1								
	Total		1,017	100	7,412	100	8,950	100	38,328	100								
	c. Working for pay on campus	tmworkonhrs	0	0 hrs	719	72	4,595	62	6,921	78	28,689							
(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)		3	1-5 hrs	34	3	453	6	218	2	1,300	3							
8		6-10 hrs	66	6	859	12	488	6	2,477	6								
13		11-15 hrs	68	7	682	10	492	5	2,301	6								
18		16-20 hrs	57	5	564	7	516	5	2,097	5								
23		21-25 hrs	48	4	132	2	140	2	794	2								
28		26-30 hrs	5	0	67	1	59	1	259	1								
33		More than 30 hrs	19	2	66	1	113	1	411	1								
Total			1,016	100	7,418	100	8,947	100	38,328	100								
d. Working for pay off campus		tmworkoffhrs	0	0 hrs	521	50	4,016	57	3,828	43	16,605	45	10.0	7.1 *** △	.28	12.1 *** ▽	-0.16	11.5 *** ▽
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	53	5	442	6	397	4	1,832	5							
	8	6-10 hrs	62	6	568	7	590	6	2,582	7								
	13	11-15 hrs	74	7	611	8	647	7	2,748	7								
	18	16-20 hrs	84	9	712	9	872	9	3,595	9								
	23	21-25 hrs	49	5	440	5	689	7	2,798	7								
	28	26-30 hrs	56	6	243	3	519	6	2,168	6								
	33	More than 30 hrs	120	13	389	5	1,404	17	6,010	16								
	Total		1,019	100	7,421	100	8,946	100	38,338	100								
	Estimated number of hours working for pay	tmworkhrs										14.2						
	(Continuous variable created by NSSE)																	

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NSSE 2021 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						
				UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona	Selected AAU Peers		Selected UA Peers		Carnegie>20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	546	56	4,282	58	4,744	53	21,113	55	2.9	2.3 **	.11	3.3 **	-.08	3.0	-.02
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	302	28	2,289	30	2,577	29	11,158	29							
	8	6-10 hrs	98	9	437	6	782	9	2,866	7								
	13	11-15 hrs	28	3	201	3	373	4	1,412	4								
	18	16-20 hrs	25	2	92	1	209	2	784	2								
	23	21-25 hrs	10	1	54	1	97	1	430	1								
	28	26-30 hrs	4	1	23	0	43	0	167	0								
	33	More than 30 hrs	5	1	32	0	113	1	390	1								
	Total			1,018	100	7,410	100	8,938	100	38,320	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	39	4	83	1	254	3	1,015	3	11.0	12.7 ***	-.21	11.6	-.06	11.8 **	-.09
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	256	25	1,325	17	2,175	24	8,817	23							
	8	6-10 hrs	282	28	2,117	28	2,472	28	10,641	28								
	13	11-15 hrs	193	19	1,665	22	1,736	20	7,625	20								
	18	16-20 hrs	133	13	1,136	16	1,090	12	4,891	13								
	23	21-25 hrs	45	4	473	6	484	6	2,208	6								
	28	26-30 hrs	22	2	208	3	210	2	948	3								
	33	More than 30 hrs	46	5	398	6	519	6	2,156	6								
	Total			1,016	100	7,405	100	8,940	100	38,301	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	698	67	6,138	84	6,047	68	26,628	70	5.0	1.9 ***	.44	4.7	.03	4.5	.06
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	109	11	542	7	1,029	11	3,878	10							
	8	6-10 hrs	52	5	205	3	482	5	1,909	5								
	13	11-15 hrs	27	3	160	2	293	3	1,348	4								
	18	16-20 hrs	32	4	99	1	196	2	951	2								
	23	21-25 hrs	14	1	61	1	114	1	537	1								
	28	26-30 hrs	6	1	29	0	79	1	315	1								
	33	More than 30 hrs	78	8	166	2	690	8	2,712	7								
	Total			1,016	100	7,400	100	8,930	100	38,278	100							

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Seniors

Frequency Distributions^a

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Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	475	47	1,508	21	2,477	26	10,037	25	3.1	4.3 *** ▽	-.23	4.8 *** ▽	-.29	4.8 *** ▽	-.28	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	386	38	4,319	57	3,968	46	18,409	49								
	8	6-10 hrs	85	8	1,015	14	1,390	16	5,595	15									
	13	11-15 hrs	33	3	302	4	536	6	2,036	5									
	18	16-20 hrs	14	2	117	2	230	2	899	2									
	23	21-25 hrs	10	1	59	1	115	1	485	1									
	28	26-30 hrs	5	0	28	0	47	0	208	1									
	33	More than 30 hrs	7	1	65	1	180	2	673	2									
	Total			1,015	100	7,413	100	8,943	100	38,342	100								
17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
	reading	1	Very little	136	14	1,465	21	1,407	16	6,445	18	2.8	2.6 *** △	.21	2.7 * △	.08	2.7 *** △	.11	
		2	Some	307	30	2,447	34	2,824	32	11,895	31								
		3	About half	267	27	1,721	22	2,267	26	9,738	25								
		4	Most	202	20	1,247	17	1,688	19	7,038	18								
		5	Almost all	103	10	525	7	756	8	3,156	8								
			Total	1,015	100	7,405	100	8,942	100	38,272	100								
	tmreadinghrs											8.1	6.4 *** △	.28	6.9 *** △	.18	6.8 *** △	.20	
	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																		
	tmreadinghrscol	1	0 hrs	6	1	34	1	29	0	166	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	435	44	3,919	52	4,454	51	19,225	51								
		3	More than 5, up to 10 hrs	290	28	2,125	30	2,513	28	10,776	28								
		4	More than 10, up to 15 hrs	111	11	635	9	838	9	3,659	9								
		5	More than 15, up to 20 hrs	81	8	361	5	487	5	2,089	6								
		6	More than 20, up to 25 hrs	58	6	228	3	355	4	1,418	4								
		7	More than 25 hrs	32	3	78	1	236	2	791	2								
			Total	1,013	100	7,380	100	8,912	100	38,124	100								

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NSSE 2021 Frequencies and Statistical Comparisons

The University of Arizona

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
Item wording or description	Variable name ^c	Values ^d	Response options	Your seniors compared with															
18. 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	79	9	499	8	533	6	2,419	7	3.0	2.9 **	.11	3.0	-.06	2.9	.02	
		2	Some	221	21	1,950	26	1,936	21	8,899	23								
		3	Quite a bit	371	36	2,956	39	3,457	38	14,956	39								
		4	Very much	341	34	2,005	27	3,003	35	12,009	31								
		Total		1,012	100	7,410	100	8,929	100	38,283	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	92	9	583	9	687	8	3,127	9	2.8	2.8	.04	2.9 *	-.07	2.9	-.02	
		2	Some	272	27	1,983	28	2,171	24	9,529	25								
		3	Quite a bit	342	33	2,830	37	3,293	36	14,115	36								
		4	Very much	307	31	1,998	26	2,770	32	11,463	30								
		Total		1,013	100	7,394	100	8,921	100	38,234	100								
c. Thinking critically and analytically	pgthink	1	Very little	34	4	131	2	230	3	906	3	3.3	3.3 *	-.08	3.3	-.04	3.3	-.01	
		2	Some	135	13	883	12	1,200	13	5,109	14								
		3	Quite a bit	365	35	2,907	38	3,287	36	14,588	37								
		4	Very much	479	48	3,475	48	4,216	48	17,644	46								
		Total		1,013	100	7,396	100	8,933	100	38,247	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	88	9	509	6	754	8	3,107	8	2.9	3.1 ***	-.12	3.0	-.06	3.0	-.05	
		2	Some	247	23	1,675	21	2,069	22	8,770	22								
		3	Quite a bit	340	33	2,559	34	3,043	33	13,177	34								
		4	Very much	339	35	2,661	39	3,061	37	13,192	36								
		Total		1,014	100	7,404	100	8,927	100	38,246	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	112	12	564	8	951	11	3,556	10	2.8	2.9 *	-.09	2.9	-.03	2.9	-.05	
		2	Some	247	24	1,864	25	2,321	25	9,310	24								
		3	Quite a bit	350	34	2,608	35	2,899	32	12,948	33								
		4	Very much	305	31	2,360	32	2,752	32	12,411	33								
		Total		1,014	100	7,396	100	8,923	100	38,225	100								
f. Working effectively with others	pgothers	1	Very little	67	7	244	4	467	5	1,900	5	3.0	3.1 *	-.09	3.1 *	-.08	3.0	-.05	
		2	Some	221	22	1,530	22	1,892	21	7,893	21								
		3	Quite a bit	371	36	3,049	41	3,302	36	14,818	38								
		4	Very much	357	35	2,573	34	3,253	38	13,615	35								
		Total		1,016	100	7,396	100	8,914	100	38,226	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 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	UArizona				Selected AAU Peers				Selected UA Peers				Carnegie>20k			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	132	14	948	15	981	12	4,437	13	2.7	2.6 ** △	.10	2.8 ** ▽	-.09	2.8	-.03	
		2	Some	272	27	2,198	30	2,217	25	9,785	26								
		3	Quite a bit	313	30	2,483	32	2,922	32	12,894	33								
		4	Very much	292	29	1,769	23	2,793	32	11,088	28								
		Total		1,009	100	7,398	100	8,913	100	38,204	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	97	10	677	10	746	9	3,447	10	2.8	2.8	.05	2.9 *** ▽	-.15	2.9	-.05	
		2	Some	288	29	2,147	30	2,015	23	9,473	25								
		3	Quite a bit	323	31	2,625	35	2,987	32	13,205	34								
		4	Very much	305	30	1,949	26	3,163	36	12,099	31								
		Total		1,013	100	7,398	100	8,911	100	38,224	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	110	12	545	8	829	10	3,405	10	2.8	2.9	-.06	2.9	-.04	2.8	-.02	
		2	Some	252	24	1,971	26	2,356	25	9,907	26								
		3	Quite a bit	352	34	2,866	38	3,066	34	13,778	35								
		4	Very much	302	30	2,017	28	2,670	31	11,155	29								
		Total		1,016	100	7,399	100	8,921	100	38,245	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	138	15	1,031	15	1,069	12	4,838	14	2.7	2.6 * △	.09	2.8 * ▽	-.08	2.7	-.01	
		2	Some	296	29	2,384	32	2,536	28	11,061	29								
		3	Quite a bit	314	30	2,407	31	2,850	31	12,407	32								
		4	Very much	267	27	1,582	21	2,465	29	9,942	26								
		Total		1,015	100	7,404	100	8,920	100	38,248	100								
19. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	35	4	181	3	286	4	1,160	3	3.1	3.2 ** ▽	-.10	3.2	-.06	3.2	-.04	
		2	Fair	137	15	850	12	1,330	14	5,138	14								
		3	Good	459	43	3,561	46	4,044	43	17,395	44								
		4	Excellent	383	38	2,839	39	3,297	40	14,709	39								
		Total		1,014	100	7,431	100	8,957	100	38,402	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	38	4	250	3	427	5	1,640	5	3.2	3.3	-.06	3.2	-.03	3.2	-.02	
		2	Probably no	114	11	828	11	1,154	12	4,646	12								
		3	Probably yes	447	43	3,136	41	3,648	38	15,565	40								
		4	Definitely yes	415	41	3,228	44	3,752	45	16,669	43								
		Total		1,014	100	7,442	100	8,981	100	38,520	100								

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NSSE 2021 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	UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k		UArizona		Selected AAU Peers		Selected UA Peers		Carnegie>20k				
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e					
22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic?																						
	covidexp	1	Very little	84	9			328	9	1,314	8	2.9										
		2	Some	245	24	<i>Results suppressed due to insufficient number of 2021 institutions.</i>																
		3	Quite a bit	342	34					1,277	35		6,091	36								
		4	Very much	345	34					1,133	31		5,483	32								
			Total	1,016	100			3,639	100	16,821	100											

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 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 ^l			Significance ^k			Effect size ^e		
	UA	UA	AAU	UA	Carnegie>20k	UA	AAU	UA	Carnegie>20k	UA	AAU	UA	Carnegie>20k	Comparisons with:			Comparisons with:			Comparisons with:						
	Arizona	Arizona	Peers	Peers		Arizona	Peers	Peers		Arizona	Peers	Peers		AAU Peers	UA Peers	Carnegie>20k	AAU Peers	UA Peers	Carnegie>20k	AAU Peers	UA Peers	Carnegie>20k				
1 a. askquest	1,000	2.80	2.72	2.71	2.68	.026	.013	.014	.006	.84	.84	.85	.85	5,009	4,893	21,126	.012	.006	.000	.09	.10	.13				
b. CLaskhelp	991	2.37	2.67	2.50	2.54	.030	.014	.015	.006	.96	.88	.92	.90	1,432	4,850	1,080	.000	.000	.000	-.33	-.14	-.18				
c. CLexplain	983	2.37	2.71	2.61	2.61	.029	.013	.014	.006	.91	.82	.86	.85	1,408	4,834	20,880	.000	.000	.000	-.41	-.28	-.28				
d. CLstudy	982	2.16	2.54	2.41	2.40	.032	.015	.016	.007	1.01	.97	1.00	.98	4,931	1,516	20,765	.000	.000	.000	-.39	-.25	-.25				
e. CLproject	977	2.32	2.64	2.53	2.53	.028	.014	.014	.006	.88	.86	.88	.88	4,912	4,771	1,076	.000	.000	.000	-.36	-.23	-.23				
f. present	973	1.87	2.14	2.07	2.07	.026	.014	.014	.006	.82	.86	.86	.86	1,546	4,759	20,580	.000	.000	.000	-.31	-.23	-.24				
2 a. RIintegrate	958	2.40	2.57	2.55	2.52	.029	.013	.014	.006	.89	.82	.85	.85	1,385	4,668	20,197	.000	.000	.000	-.20	-.17	-.14				
b. RISocietal	948	2.51	2.56	2.61	2.51	.029	.014	.014	.006	.91	.86	.88	.88	1,396	4,626	19,992	.173	.004	.924	-.05	-.11	.00				
c. RIDiverse	941	2.56	2.55	2.64	2.53	.031	.014	.015	.007	.94	.88	.91	.90	1,375	4,569	19,748	.825	.018	.314	.01	-.09	.03				
d. Rlownview	919	2.72	2.75	2.77	2.73	.029	.013	.014	.006	.88	.80	.81	.81	1,311	1,350	998	.455	.121	.918	-.03	-.06	.00				
e. RIPerspect	907	2.84	2.88	2.94	2.87	.029	.013	.013	.006	.86	.78	.79	.80	1,297	1,328	986	.182	.003	.356	-.05	-.12	-.03				
f. Rlnewview	891	2.79	2.85	2.84	2.79	.028	.013	.014	.006	.85	.78	.81	.80	1,277	1,338	971	.051	.127	.926	-.08	-.06	.00				
g. RIconnect	878	3.00	3.05	3.04	3.01	.027	.012	.013	.006	.81	.73	.75	.75	1,251	4,249	955	.082	.146	.735	-.07	-.06	-.01				
3 a. SFcareer	878	2.18	2.23	2.24	2.23	.032	.015	.016	.007	.95	.90	.93	.92	1,281	4,250	18,322	.128	.071	.104	-.06	-.07	-.06				
b. SFotherwork	873	1.69	1.74	1.66	1.70	.030	.015	.015	.007	.89	.88	.89	.88	4,428	4,212	18,157	.151	.283	.810	-.05	.04	-.01				
c. SFdiscuss	863	1.85	1.94	1.86	1.88	.031	.014	.015	.007	.92	.85	.89	.88	1,248	4,171	944	.010	.821	.280	-.10	-.01	-.04				
d. SFperform	860	2.00	1.98	2.01	1.99	.030	.014	.015	.007	.89	.85	.87	.86	4,380	4,164	17,931	.514	.698	.767	.02	-.01	.01				
4 a. memorize	856	2.76	2.85	2.97	2.92	.030	.014	.014	.006	.88	.81	.82	.82	1,228	1,269	931	.008	.000	.000	-.11	-.26	-.19				
b. HOapply	846	2.82	2.99	2.92	2.92	.030	.013	.014	.006	.86	.78	.82	.81	1,206	1,270	922	.000	.002	.002	-.20	-.12	-.11				
c. HOanalyze	838	2.87	2.93	2.92	2.88	.030	.013	.015	.006	.86	.79	.82	.82	1,200	1,264	915	.062	.134	.693	-.08	-.06	-.01				
d. HOevaluate	835	2.89	2.83	2.93	2.84	.029	.014	.014	.007	.85	.83	.82	.84	4,267	4,016	17,360	.058	.184	.090	.07	-.05	.06				
e. HOform	837	2.90	2.89	2.90	2.85	.029	.014	.014	.006	.84	.79	.82	.81	1,226	4,001	17,246	.664	.981	.048	.02	.00	.07				
5 a. ETgoals	824	2.99	3.04	3.05	3.01	.029	.013	.014	.006	.84	.76	.79	.79	1,174	3,945	898	.106	.065	.481	-.07	-.07	-.03				
b. ETorganize	825	2.88	2.96	2.98	2.94	.031	.014	.015	.006	.89	.79	.82	.82	1,164	1,225	898	.015	.004	.064	-.10	-.12	-.07				
c. ETexample	819	2.95	3.00	2.98	2.95	.031	.014	.015	.007	.88	.80	.84	.83	1,165	1,239	894	.144	.316	.898	-.06	-.04	.00				
d. ETdraftfb	817	2.90	2.61	2.78	2.66	.032	.016	.016	.007	.92	.90	.91	.92	4,173	3,915	901	.000	.001	.000	.32	.13	.26				
e. ETfeedback	816	2.65	2.60	2.63	2.58	.033	.015	.017	.007	.93	.86	.92	.91	1,175	3,901	16,870	.119	.501	.029	.06	.03	.08				
f. etcriteria	813	2.96	2.91	2.92	2.88	.030	.024	.025	.010	.87	.81	.86	.84	1,913	2,030	8,050	.214	.291	.011	.06	.05	.09				
g. etreview	807	2.91	2.93	2.89	2.86	.030	.024	.024	.010	.85	.79	.84	.83	1,660	2,019	8,013	.631	.466	.088	-.02	.03	.06				
h. etprefer	806	2.47	2.48	2.45	2.44	.034	.027	.026	.011	.95	.88	.92	.91	1,648	2,017	975	.836	.629	.481	-.01	.02	.03				
i. etdemonstrate	805	3.13	3.08	3.10	3.05	.029	.024	.024	.010	.84	.78	.83	.82	1,659	2,014	986	.237	.391	.009	.06	.04	.10				

NSSE 2021 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 ^l			Significance ^k			Effect size ^e		
	UA	AAU	UA	AAU	Carnegie>20k	UA	AAU	UA	Carnegie>20k	UA	AAU	UA	Carnegie>20k	Comparisons with:			Comparisons with:			Comparisons with:						
	Arizona	Arizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Arizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Arizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k				
6 a. QRconclude	791	2.64	2.64	2.62	2.63	.030	.015	.016	.007	.85	.86	.87	.86	4,079	3,804	16,425	.942	.563	.712	.00	.02	.01				
b. QRproblem	780	2.37	2.37	2.37	2.36	.033	.016	.017	.007	.92	.91	.92	.91	4,053	3,776	16,335	.997	.963	.644	.00	.00	.02				
c. QRevaluate	784	2.38	2.42	2.36	2.37	.032	.015	.016	.007	.89	.88	.89	.88	4,046	3,767	16,263	.221	.643	.808	-.05	.02	.01				
7 a. wrshortnum	784	8.05	6.26	6.56	6.20	.241	.101	.105	.045	6.75	5.76	5.72	5.62	1,074	1,098	839	.000	.000	.000	.30	.25	.32				
b. wrmednum	776	2.92	1.99	2.31	2.14	.158	.059	.063	.028	4.41	3.36	3.45	3.43	999	1,036	823	.000	.000	.000	.26	.16	.22				
c. wrlongnum	780	1.46	.95	.98	.97	.145	.053	.055	.024	4.05	3.04	3.01	3.01	999	1,016	823	.001	.002	.001	.16	.15	.16				
— wrpages	775	68.93	48.23	52.04	49.71	3.699	1.326	1.380	.610	102.96	75.40	74.84	75.46	981	999	816	.000	.000	.000	.25	.21	.25				
8 a. DDrace	775	2.96	3.06	3.13	3.04	.035	.015	.016	.007	.98	.87	.89	.90	1,084	1,133	841	.010	.000	.029	-.11	-.18	-.09				
b. DDeconomic	776	2.87	3.05	3.04	2.99	.034	.015	.016	.007	.95	.84	.88	.88	1,084	1,148	842	.000	.000	.000	-.21	-.19	-.14				
c. DDreligion	771	2.82	3.05	2.99	2.96	.036	.015	.017	.007	.99	.88	.93	.92	1,078	1,150	839	.000	.000	.000	-.26	-.18	-.15				
d. DDpolitical	774	2.72	2.94	2.91	2.89	.035	.016	.017	.008	.98	.91	.95	.93	1,113	1,179	845	.000	.000	.000	-.24	-.21	-.19				
9 a. LSreading	771	2.99	3.00	3.01	2.95	.029	.014	.014	.006	.80	.77	.77	.78	3,991	3,699	16,004	.610	.411	.182	-.02	-.03	.05				
b. LSnotes	766	2.86	2.82	2.88	2.87	.034	.016	.016	.007	.93	.89	.89	.88	1,116	1,158	835	.354	.455	.644	.04	-.03	-.02				
c. LSsummary	770	2.73	2.79	2.81	2.80	.033	.015	.016	.007	.92	.87	.87	.87	1,115	1,159	839	.146	.032	.046	-.06	-.09	-.08				
10 challenge	764	5.27	5.32	5.33	5.29	.053	.022	.023	.010	1.48	1.23	1.24	1.26	1,027	1,063	820	.384	.331	.696	-.04	-.04	-.02				
11 a. intern ^l	765	7%	8%	6%	7%	.009	.005	.004	.002	--	--	--	--	--	--	--	.386	.674	.910	-.04	.02	.00				
b. leader ^l	764	7%	12%	9%	9%	.009	.006	.005	.002	--	--	--	--	--	--	--	.000	.064	.017	-.18	-.08	-.09				
c. learncom ^l	756	6%	22%	10%	16%	.009	.007	.006	.003	--	--	--	--	--	--	--	.000	.003	.000	-.47	-.13	-.30				
d. abroad ^l	760	3%	2%	2%	2%	.006	.003	.003	.001	--	--	--	--	--	--	--	.192	.063	.024	.05	.07	.08				
e. research ^l	760	5%	7%	3%	5%	.008	.005	.003	.002	--	--	--	--	--	--	--	.016	.162	.655	-.10	.05	-.02				
f. capstone ^l	762	2%	2%	2%	2%	.005	.002	.003	.001	--	--	--	--	--	--	--	.849	.787	.944	.01	-.01	.00				
12 servcourse	755	1.47	1.52	1.52	1.52	.024	.012	.012	.005	.65	.66	.64	.65	3,927	3,628	15,676	.063	.105	.040	-.08	-.07	-.08				
13 a. QIstudent	721	4.86	5.37	5.32	5.32	.062	.024	.027	.012	1.68	1.35	1.43	1.42	944	1,005	772	.000	.000	.000	-.36	-.31	-.32				
b. QIadvisor	736	5.29	5.40	5.42	5.34	.064	.027	.029	.013	1.73	1.50	1.56	1.58	1,010	1,062	797	.118	.058	.449	-.07	-.08	-.03				
c. QIfaculty	729	5.14	5.33	5.27	5.25	.056	.023	.026	.011	1.52	1.29	1.40	1.38	987	1,074	790	.002	.037	.054	-.14	-.09	-.08				
d. QIstaff	590	4.77	5.01	5.13	5.06	.073	.029	.033	.014	1.78	1.54	1.62	1.59	779	845	632	.002	.000	.000	-.15	-.22	-.18				
e. QIadmin	647	4.74	4.98	4.98	4.95	.069	.029	.033	.014	1.76	1.54	1.64	1.61	889	952	699	.001	.002	.003	-.15	-.15	-.13				

NSSE 2021 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 ^l			Significance ^k			Effect size ^e		
	UA	AAU	UA	AAU	Carnegie>20k	UA	AAU	UA	Carnegie>20k	UA	AAU	UA	Carnegie>20k	Comparisons with:			Comparisons with:			Comparisons with:						
	Arizona	Arizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Arizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Arizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k				
14 a. empstudy	752	3.08	3.12	3.09	3.08	.029	.013	.014	.006	.80	.74	.75	.75	3,911	1,119	819	.127	.692	.935	-.06	-.02	.00				
b. SEacademic	750	2.82	2.96	2.97	2.95	.032	.015	.016	.007	.88	.82	.84	.83	1,076	1,128	818	.000	.000	.000	-.17	-.18	-.16				
c. SElearnsup	746	2.92	2.95	3.01	2.99	.034	.016	.017	.007	.94	.89	.91	.90	1,080	1,136	814	.391	.015	.038	-.04	-.10	-.08				
d. SEdiverse	742	2.52	2.69	2.76	2.72	.037	.017	.018	.008	1.01	.93	.97	.95	1,062	1,129	808	.000	.000	.000	-.18	-.24	-.21				
e. SEsocial	749	2.47	2.84	2.89	2.84	.036	.016	.018	.008	.99	.89	.95	.92	1,051	1,136	814	.000	.000	.000	-.42	-.44	-.40				
f. SEwellness	743	2.68	2.79	2.89	2.84	.035	.016	.017	.007	.95	.91	.92	.91	1,084	1,133	811	.004	.000	.000	-.12	-.22	-.18				
g. SENonacad	741	2.13	2.19	2.27	2.24	.035	.017	.019	.008	.95	.94	.99	.96	3,875	1,188	15,458	.117	.000	.001	-.06	-.14	-.12				
h. SEactivities	740	2.05	2.73	2.66	2.71	.036	.016	.019	.008	.99	.90	1.02	.96	1,047	1,182	15,454	.000	.000	.000	-.75	-.61	-.70				
i. SEevents	742	2.07	2.41	2.41	2.38	.035	.016	.018	.008	.95	.91	.98	.94	3,874	1,186	816	.000	.000	.000	-.37	-.35	-.33				
15 a. SBmyself	742	3.11	3.25	3.26	3.24	.027	.012	.013	.006	.73	.68	.68	.69	3,866	3,570	809	.000	.000	.000	-.20	-.21	-.18				
b. SBvalued	737	2.82	2.88	2.97	2.92	.029	.014	.014	.006	.78	.77	.75	.77	3,859	1,121	809	.055	.000	.001	-.08	-.20	-.12				
c. SBcommunity	742	2.78	2.96	2.96	2.94	.029	.014	.015	.007	.80	.77	.79	.79	1,088	1,147	815	.000	.000	.000	-.24	-.23	-.21				
16 a. tmprphrs	737	17.76	16.69	15.64	16.03	.328	.151	.161	.070	8.90	8.41	8.52	8.45	3,857	3,548	15,376	.002	.000	.000	.13	.25	.20				
b. tmcocurrhrs	737	4.32	5.67	4.74	5.09	.253	.119	.122	.054	6.87	6.62	6.44	6.51	3,845	3,541	15,359	.000	.121	.002	-.20	-.06	-.12				
c. tmworkonhrs	734	2.14	2.66	1.55	1.96	.220	.104	.090	.044	5.97	5.79	4.76	5.31	1,083	990	793	.034	.012	.420	-.09	.12	.03				
d. tmworkoffhrs	735	6.37	3.52	4.91	4.57	.372	.134	.170	.072	10.09	7.47	9.03	8.67	932	1,062	790	.000	.000	.000	.36	.16	.21				
— tmworkhrs	732	8.46	6.16	6.44	6.50	.442	.179	.197	.087	11.95	9.99	10.42	10.53	984	1,038	788	.000	.000	.000	.22	.19	.19				
e. tmservicehrs	733	2.57	1.94	2.21	2.15	.193	.074	.084	.036	5.23	4.12	4.43	4.41	957	1,023	785	.002	.092	.032	.14	.08	.09				
f. tmrelaxhrs	735	12.15	13.22	13.38	13.26	.313	.146	.168	.071	8.48	8.15	8.89	8.55	1,075	3,536	15,360	.002	.001	.001	-.13	-.14	-.13				
g. tmcarehrs	737	3.67	1.33	1.96	1.82	.282	.080	.102	.044	7.65	4.45	5.43	5.26	858	940	772	.000	.000	.000	.45	.29	.34				
h. tmcommutehrs	732	2.98	3.89	3.15	3.64	.196	.096	.097	.046	5.31	5.36	5.17	5.53	1,108	3,541	812	.000	.447	.001	-.17	-.03	-.12				
17 reading	732	2.68	2.63	2.58	2.56	.038	.019	.020	.009	1.03	1.08	1.06	1.07	1,136	1,171	811	.231	.013	.001	.05	.10	.12				
— tmreadinghrs	729	7.75	6.98	6.51	6.53	.234	.104	.108	.047	6.31	5.79	5.70	5.66	1,034	1,058	787	.003	.000	.000	.13	.21	.21				

NSSE 2021 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 ^l			Significance ^k			Effect size ^e		
	UA	AAU	UA	AAU	Carnegie>20k	UA	AAU	UA	Carnegie>20k	UA	AAU	UA	Carnegie>20k	Comparisons with:			Comparisons with:			Comparisons with:						
	Arizona	Arizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Arizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Arizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k				
18 a. pgwrite	731	2.79	2.58	2.75	2.66	.034	.016	.017	.007	.92	.89	.88	.90	3,837	3,526	15,303	.000	.349	.000	.23	.04	.14				
b. pgspeak	728	2.45	2.49	2.54	2.52	.038	.017	.018	.008	1.03	.95	.95	.95	1,033	1,072	790	.422	.031	.070	-.03	-.09	-.07				
c. pgthink	727	2.93	3.04	3.03	3.01	.034	.014	.016	.007	.91	.80	.83	.83	1,007	1,061	787	.002	.004	.012	-.14	-.13	-.10				
d. pganalyze	725	2.66	2.77	2.70	2.74	.036	.017	.018	.008	.97	.93	.93	.92	1,055	1,097	791	.004	.235	.031	-.12	-.05	-.09				
e. pgwork	727	2.36	2.61	2.46	2.54	.039	.017	.018	.008	1.04	.94	.97	.96	1,023	1,076	788	.000	.014	.000	-.26	-.11	-.19				
f. pgothers	726	2.50	2.76	2.72	2.72	.037	.016	.017	.008	1.00	.90	.92	.91	1,018	1,066	787	.000	.000	.000	-.27	-.22	-.23				
g. pgvalues	727	2.45	2.58	2.62	2.60	.037	.017	.018	.008	1.01	.95	.97	.96	1,052	1,103	793	.001	.000	.000	-.14	-.18	-.16				
h. pgdiverse	730	2.65	2.72	2.80	2.74	.036	.017	.018	.008	.97	.93	.95	.94	1,064	3,522	15,274	.094	.000	.019	-.07	-.15	-.09				
i. pgprobsolve	730	2.47	2.66	2.61	2.61	.036	.017	.018	.008	.98	.92	.95	.94	1,056	3,523	798	.000	.000	.000	-.21	-.15	-.15				
j. pgcitizen	728	2.52	2.59	2.63	2.59	.036	.017	.018	.008	.98	.94	.96	.95	1,058	3,522	796	.077	.005	.044	-.08	-.12	-.08				
19 evalexp	731	2.90	3.14	3.12	3.09	.031	.013	.014	.006	.83	.75	.76	.76	1,024	1,066	792	.000	.000	.000	-.32	-.28	-.25				
20 sameinst	732	3.10	3.27	3.26	3.22	.029	.013	.014	.006	.79	.74	.76	.77	3,865	1,113	802	.000	.000	.000	-.22	-.20	-.15				
21 returnexp ^l	731	90%	92%	92%	91%	.0109	.0048	.0052	.0023	--	--	--	--	--	--	--	.097	.259	.471	-.07	-.05	-.03				
22 covidexp	739	2.89	2.82	2.86	2.89	.036	.029	.028	.011	.99	.93	.93	.93	1,767	1,511	891	.111	.532	.990	.08	.03	.00				

IPEDS: 104179

NSSE 2021 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 ^l			Significance ^k			Effect size ^e		
	UA	UA	AAU	UA	Carnegie>20k	UA	AAU	UA	Carnegie>20k	UA	AAU	UA	Carnegie>20k	Comparisons with:			Comparisons with:			Comparisons with:						
	Arizona	Arizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k	UA	Selected AAU Peers	Selected UA Peers	Carnegie>20k	UA	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k				
1 a. askquest	1,256	2.92	2.82	2.90	2.88	.025	.012	.010	.005	.88	.88	.91	.90	6,599	1,688	1,361	.000	.446	.075	.11	.02	.05				
b. CLaskhelp	1,246	2.35	2.58	2.43	2.44	.027	.012	.010	.005	.96	.91	.94	.94	6,556	9,417	32,656	.000	.004	.000	-.25	-.09	-.10				
c. CLexplain	1,241	2.54	2.79	2.66	2.66	.026	.012	.010	.005	.93	.84	.89	.90	1,747	1,610	1,334	.000	.000	.000	-.29	-.13	-.14				
d. CLstudy	1,243	2.24	2.52	2.42	2.41	.029	.014	.011	.006	1.02	1.00	1.01	1.02	6,522	9,346	32,410	.000	.000	.000	-.27	-.18	-.16				
e. CLproject	1,237	2.68	2.96	2.80	2.80	.027	.012	.010	.005	.96	.88	.93	.94	1,761	1,611	1,332	.000	.000	.000	-.31	-.13	-.13				
f. present	1,237	2.46	2.59	2.52	2.51	.028	.013	.011	.006	1.00	.92	.98	.97	1,758	9,279	32,191	.000	.027	.078	-.14	-.07	-.05				
2 a. RIintegrate	1,226	2.85	2.89	2.89	2.87	.025	.011	.010	.005	.87	.82	.86	.86	1,769	9,177	31,800	.191	.128	.561	-.04	-.05	-.02				
b. RISocietal	1,223	2.74	2.67	2.75	2.69	.026	.013	.010	.005	.90	.90	.93	.93	6,389	9,121	1,329	.018	.787	.046	.08	-.01	.06				
c. RIDiverse	1,214	2.54	2.49	2.59	2.52	.028	.013	.011	.006	.98	.96	1.00	.99	6,332	9,039	31,313	.098	.129	.410	.05	-.05	.02				
d. RIownview	1,202	2.80	2.77	2.82	2.79	.025	.012	.010	.005	.86	.83	.86	.85	6,282	8,955	31,021	.266	.366	.858	.04	-.03	.01				
e. RIPerspect	1,187	2.90	2.91	2.99	2.94	.024	.011	.009	.005	.84	.81	.83	.83	1,746	1,572	30,536	.582	.000	.076	-.02	-.11	-.05				
f. RINewview	1,177	2.95	2.94	2.97	2.93	.024	.011	.009	.005	.82	.78	.81	.81	6,131	8,663	30,098	.450	.614	.335	.02	-.02	.03				
g. RIconnect	1,166	3.17	3.16	3.18	3.14	.022	.010	.009	.004	.76	.73	.75	.75	6,076	8,568	29,785	.666	.671	.278	.01	-.01	.03				
3 a. SFcareer	1,167	2.33	2.28	2.33	2.30	.029	.014	.012	.006	.99	.95	.99	.98	1,719	8,545	29,712	.128	.990	.282	.05	.00	.03				
b. SFotherwork	1,164	1.94	1.95	1.88	1.88	.029	.014	.012	.006	.99	.98	1.00	.99	6,047	8,491	29,539	.750	.037	.040	-.01	.07	.06				
c. SFdiscuss	1,159	2.02	2.09	2.04	2.03	.027	.013	.011	.006	.91	.89	.95	.93	6,013	1,588	29,318	.034	.628	.726	-.07	-.01	-.01				
d. SFperform	1,155	2.09	1.97	2.10	2.05	.026	.012	.011	.005	.90	.86	.91	.90	1,696	8,429	29,311	.000	.846	.126	.14	-.01	.05				
4 a. memorize	1,155	2.70	2.69	2.87	2.80	.027	.013	.010	.005	.91	.88	.88	.89	5,974	1,526	1,248	.750	.000	.000	.01	-.19	-.11				
b. HOapply	1,150	2.99	3.05	3.03	3.03	.024	.011	.010	.005	.83	.79	.83	.82	5,949	8,311	28,937	.013	.140	.097	-.08	-.05	-.05				
c. HOanalyze	1,145	3.00	2.98	3.02	3.00	.025	.012	.010	.005	.84	.81	.84	.83	5,899	8,225	28,659	.386	.480	.882	.03	-.02	.00				
d. HOevaluate	1,127	2.86	2.77	2.93	2.86	.026	.013	.010	.005	.88	.90	.87	.89	1,729	8,162	28,479	.005	.008	.884	.09	-.08	.00				
e. HOform	1,124	2.90	2.88	2.96	2.92	.025	.012	.010	.005	.84	.83	.84	.85	5,829	8,106	28,315	.486	.040	.660	.02	-.07	-.01				
5 a. ETgoals	1,119	3.07	3.08	3.10	3.08	.024	.011	.010	.005	.82	.77	.82	.80	1,621	8,034	28,101	.666	.278	.526	-.01	-.03	-.02				
b. ETorganize	1,119	2.97	2.99	2.99	2.99	.026	.012	.010	.005	.87	.79	.86	.85	1,587	8,012	1,208	.436	.492	.378	-.03	-.02	-.03				
c. ETexample	1,113	3.06	3.07	3.04	3.04	.025	.012	.010	.005	.83	.79	.85	.84	1,625	7,990	27,967	.916	.479	.337	.00	.02	.03				
d. ETdraftfb	1,113	2.79	2.59	2.76	2.68	.029	.014	.012	.006	.97	.94	.97	.98	5,756	7,962	27,894	.000	.444	.001	.21	.02	.11				
e. ETfeedback	1,117	2.75	2.62	2.73	2.69	.028	.013	.011	.006	.94	.88	.94	.93	1,620	7,950	27,808	.000	.702	.066	.15	.01	.06				
f. etcriteria	1,107	3.00	2.89	2.92	2.93	.026	.023	.017	.008	.86	.83	.89	.87	2,390	2,146	12,679	.002	.019	.015	.13	.08	.08				
g. etreview	1,107	3.02	2.97	2.93	2.94	.026	.022	.017	.008	.85	.79	.86	.84	2,279	3,740	12,662	.132	.004	.002	.06	.10	.10				
h. etprefer	1,107	2.61	2.56	2.55	2.56	.028	.024	.018	.009	.95	.87	.94	.93	2,264	3,736	12,633	.257	.073	.126	.05	.06	.05				
i. etdemonstrate	1,100	3.18	3.06	3.07	3.05	.025	.022	.017	.008	.81	.80	.85	.84	2,312	3,723	12,598	.001	.000	.000	.14	.13	.15				

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Seniors

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	UA	UA	AAU	UA	Carnegie>20k	UA	AAU	UA	Carnegie>20k	UA	AAU	UA	Carnegie>20k	Comparisons with:			Comparisons with:			Comparisons with:		
	Arizona	Arizona	Peers	Peers	Peers	Arizona	Peers	Peers	Peers	Arizona	Peers	Peers	Peers	AAU	UA	Carnegie>20k	AAU	UA	Carnegie>20k	AAU	UA	Carnegie>20k
6 a. QRconclude	1,089	2.67	2.73	2.69	2.69	.029	.013	.011	.006	.94	.90	.93	.91	1,598	7,787	1,175	.086	.619	.608	-.06	-.02	-.02
b. QRproblem	1,083	2.51	2.46	2.49	2.45	.030	.014	.012	.006	1.00	.95	.98	.97	1,583	7,757	1,169	.114	.499	.052	.06	.02	.06
c. QRevaluate	1,082	2.51	2.54	2.48	2.47	.029	.013	.012	.006	.95	.90	.95	.93	1,568	7,724	26,998	.321	.390	.232	-.03	.03	.04
7 a. wrshortnum	1,075	7.85	7.28	7.43	7.00	.216	.096	.082	.040	7.09	6.42	6.67	6.45	1,520	1,400	1,149	.016	.070	.000	.09	.06	.13
b. wrmednum	1,066	3.40	3.04	3.57	3.20	.143	.061	.059	.028	4.68	4.07	4.77	4.41	1,471	7,664	26,801	.023	.275	.158	.08	-.04	.04
c. wrlongnum	1,075	1.89	1.71	2.12	1.87	.122	.052	.052	.024	4.01	3.46	4.23	3.86	1,478	7,679	26,870	.197	.089	.887	.05	-.06	.00
— wrpages	1,064	78.63	71.55	81.94	74.13	3.146	1.313	1.310	.610	102.63	87.89	106.12	97.60	1,455	7,623	26,672	.038	.343	.141	.08	-.03	.05
8 a. DDrace	1,068	3.04	3.07	3.17	3.10	.028	.013	.011	.006	.93	.88	.92	.92	5,576	7,664	26,844	.335	.000	.037	-.03	-.14	-.07
b. DDeconomic	1,067	2.96	3.04	3.09	3.05	.028	.013	.011	.006	.93	.84	.91	.89	1,506	7,637	26,782	.009	.000	.001	-.09	-.14	-.10
c. DDreligion	1,069	2.91	3.05	3.02	3.01	.029	.013	.012	.006	.95	.88	.96	.93	1,535	7,639	26,783	.000	.000	.000	-.16	-.12	-.11
d. DDpolitical	1,069	2.80	2.90	2.92	2.92	.030	.014	.012	.006	.98	.91	.97	.95	1,535	7,643	1,154	.002	.000	.000	-.11	-.12	-.12
9 a. LSreading	1,061	3.04	3.00	3.08	3.03	.026	.012	.010	.005	.85	.83	.81	.83	5,543	7,613	26,695	.165	.162	.695	.05	-.05	.01
b. LSnotes	1,057	2.81	2.66	2.88	2.84	.030	.014	.012	.006	.97	.93	.94	.94	5,533	1,398	26,661	.000	.032	.444	.16	-.07	-.02
c. LSsummary	1,059	2.81	2.68	2.89	2.83	.029	.013	.011	.006	.93	.90	.91	.91	5,530	1,401	1,142	.000	.011	.387	.14	-.09	-.03
10 challenge	1,051	5.28	5.22	5.46	5.37	.045	.020	.017	.009	1.47	1.31	1.37	1.38	1,470	1,360	1,128	.229	.000	.041	.04	-.13	-.07
11 a. intern ^l	1,053	47%	60%	44%	47%	.0154	.0073	.0062	.0031	--	--	--	--	--	--	--	.000	.082	.978	-.27	.06	.00
b. leader ^l	1,050	34%	48%	31%	34%	.0147	.0075	.0058	.0030	--	--	--	--	--	--	--	.000	.067	.973	-.29	.06	.00
c. learncom ^l	1,039	20%	28%	19%	22%	.0123	.0068	.0049	.0026	--	--	--	--	--	--	--	.000	.878	.049	-.21	.01	-.06
d. abroad ^l	1,040	11%	25%	13%	13%	.0097	.0065	.0042	.0021	--	--	--	--	--	--	--	.000	.098	.031	-.37	-.06	-.07
e. research ^l	1,041	30%	34%	21%	22%	.0142	.0071	.0050	.0026	--	--	--	--	--	--	--	.033	.000	.000	-.07	.22	.19
f. capstone ^l	1,044	38%	46%	40%	39%	.0150	.0075	.0061	.0031	--	--	--	--	--	--	--	.000	.295	.465	-.17	-.04	-.02
12 servcourse	1,034	1.65	1.60	1.71	1.66	.022	.010	.009	.004	.72	.65	.70	.69	1,455	1,369	26,195	.031	.011	.784	.08	-.09	-.01
13 a. QIstudent	1,010	5.33	5.56	5.52	5.53	.047	.019	.018	.009	1.48	1.23	1.41	1.37	1,348	1,318	1,081	.000	.000	.000	-.18	-.14	-.15
b. QIadvisor	1,024	5.43	5.19	5.21	5.16	.053	.026	.022	.011	1.71	1.69	1.78	1.77	5,395	1,407	25,827	.000	.000	.000	.14	.13	.16
c. QIfaculty	1,015	5.40	5.32	5.40	5.35	.046	.020	.019	.009	1.46	1.30	1.48	1.44	1,410	7,338	25,853	.104	.945	.293	.06	.00	.03
d. QIstaff	785	4.92	4.83	5.06	4.97	.064	.026	.024	.012	1.78	1.63	1.72	1.71	1,065	1,022	840	.225	.033	.416	.05	-.08	-.03
e. QIadmin	921	4.82	4.79	4.90	4.85	.058	.026	.023	.012	1.76	1.62	1.75	1.73	1,309	6,719	23,535	.703	.176	.594	.01	-.05	-.02

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Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^l			Significance ^k			Effect size ^e		
	UA	UA	AAU	UA	Carnegie	UA	AAU	UA	Carnegie	UA	AAU	UA	Carnegie	Comparisons with:			Comparisons with:			Comparisons with:						
	Arizona	Arizona	Peers	Peers	>20k	Arizona	Peers	Peers	>20k	Arizona	Peers	Peers	>20k	AAU Peers	UA Peers	>20k	AAU Peers	UA Peers	>20k	AAU Peers	UA Peers	>20k				
14 a. empstudy	1,032	3.11	3.20	3.15	3.13	.025	.011	.009	.005	.80	.75	.76	.77	5,436	7,422	26,076	.001	.133	.352	-.12	-.05	-.03				
b. SEacademic	1,033	2.80	2.81	2.89	2.86	.028	.013	.011	.005	.89	.83	.86	.86	1,485	1,368	26,030	.806	.004	.051	-.01	-.10	-.06				
c. SElearnsup	1,029	2.81	2.74	2.82	2.78	.030	.013	.012	.006	.95	.89	.95	.95	5,419	7,407	26,001	.043	.666	.373	.07	-.01	.03				
d. SEdiverse	1,033	2.51	2.49	2.73	2.63	.032	.014	.013	.006	1.02	.96	1.00	.99	1,487	1,369	1,113	.684	.000	.000	.01	-.22	-.13				
e. SEsocial	1,027	2.65	2.79	2.87	2.81	.031	.013	.012	.006	.98	.87	.94	.93	1,431	1,351	1,103	.000	.000	.000	-.16	-.23	-.17				
f. SEwellness	1,027	2.76	2.63	2.81	2.73	.029	.014	.012	.006	.94	.94	.97	.96	5,411	7,398	25,948	.000	.106	.298	.14	-.05	.03				
g. SENonacad	1,027	2.07	1.93	2.15	2.08	.031	.014	.013	.006	.98	.91	1.01	.98	1,465	7,389	25,916	.000	.023	.743	.15	-.08	-.01				
h. SEactivities	1,022	2.46	2.66	2.66	2.63	.031	.014	.013	.006	1.00	.91	1.01	.99	1,441	7,376	25,893	.000	.000	.000	-.22	-.20	-.17				
i. SEevents	1,026	2.17	2.28	2.38	2.31	.030	.013	.012	.006	.96	.89	.99	.96	1,471	1,406	25,898	.001	.000	.000	-.12	-.22	-.15				
15 a. SBmyself	1,026	3.21	3.29	3.31	3.28	.025	.011	.009	.005	.79	.71	.73	.73	1,439	7,371	25,903	.005	.000	.002	-.10	-.13	-.10				
b. SBvalued	1,026	2.82	2.77	2.88	2.84	.028	.013	.011	.006	.91	.86	.87	.87	5,414	1,352	1,105	.092	.043	.504	.06	-.07	-.02				
c. SBcommunity	1,028	2.88	2.95	2.94	2.92	.027	.012	.011	.005	.86	.82	.85	.85	1,491	7,369	25,891	.021	.026	.133	-.08	-.08	-.05				
16 a. tmprphrs	1,021	17.23	16.39	15.35	15.73	.293	.137	.114	.057	9.36	9.07	9.07	9.05	5,396	7,345	25,807	.008	.000	.000	.09	.21	.17				
b. tmcocurrhrs	1,021	4.29	5.75	4.71	4.81	.212	.102	.087	.043	6.78	6.72	6.91	6.78	1,523	1,384	1,105	.000	.065	.017	-.22	-.06	-.08				
c. tmworkonhrs	1,019	4.19	4.69	3.21	3.35	.249	.111	.089	.044	7.95	7.33	7.08	6.96	5,392	1,292	1,083	.052	.000	.001	-.07	.14	.12				
d. tmworkoffhrs	1,022	10.04	7.07	12.13	11.53	.388	.153	.164	.081	12.42	10.14	13.02	12.82	1,356	1,409	1,113	.000	.000	.000	.28	-.16	-.12				
— tmworkhrs	1,018	14.19	11.75	15.33	14.86	.414	.170	.172	.085	13.20	11.23	13.68	13.42	1,380	7,304	25,692	.000	.013	.118	.21	-.08	-.05				
e. tmservicehrs	1,022	2.87	2.34	3.35	2.99	.163	.067	.075	.035	5.22	4.46	5.96	5.56	1,389	1,486	25,770	.003	.008	.478	.11	-.08	-.02				
f. tmrelaxhrs	1,019	11.02	12.70	11.55	11.80	.256	.123	.106	.054	8.16	8.12	8.40	8.46	5,382	7,327	25,751	.000	.058	.004	-.21	-.06	-.09				
g. tmcarehrs	1,019	5.04	1.93	4.70	4.47	.312	.092	.121	.060	9.97	6.09	9.64	9.41	1,201	7,320	1,094	.000	.301	.076	.44	.03	.06				
h. tmcommutehrs	1,019	3.10	4.27	4.85	4.78	.161	.076	.078	.039	5.13	5.01	6.22	6.10	5,388	1,544	1,139	.000	.000	.000	-.23	-.29	-.28				
17 reading	1,019	2.81	2.55	2.71	2.67	.037	.018	.015	.008	1.18	1.18	1.18	1.19	5,385	7,323	25,725	.000	.022	.000	.21	.08	.11				
— tmreadinghrs	1,017	8.07	6.43	6.93	6.84	.220	.085	.081	.040	7.03	5.62	6.43	6.24	1,334	1,305	1,083	.000	.000	.000	.28	.18	.20				

NSSE 2021 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 ^l			Significance ^k			Effect size ^e		
	UA	AAU	UA	AAU	AAU	UA	AAU	UA	AAU	UA	AAU	UA	AAU	AAU	UA	AAU	AAU	UA	AAU	AAU	UA	AAU	AAU			
	Arizona	Arizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Arizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Arizona	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k	Selected AAU Peers	Selected UA Peers	Carnegie>20k				
18 a. pgwrite	1,015	2,95	2.85	3.01	2.94	.030	.014	.011	.006	.95	.90	.90	.91	5,384	1,324	1,091	.002	.091	.603	.11	-.06	.02				
b. pgspeak	1,017	2.85	2.81	2.92	2.87	.030	.014	.012	.006	.96	.93	.94	.94	1,483	1,346	1,096	.267	.038	.501	.04	-.07	-.02				
c. pgthink	1,017	3.27	3.33	3.30	3.28	.026	.011	.010	.005	.83	.75	.80	.79	1,432	7,313	1,093	.038	.268	.717	-.08	-.04	-.01				
d. pganalyze	1,016	2.94	3.05	3.00	2.98	.030	.014	.012	.006	.97	.92	.95	.95	1,473	7,307	1,096	.001	.079	.165	-.12	-.06	-.05				
e. pgwork	1,017	2.83	2.91	2.86	2.88	.031	.014	.012	.006	1.00	.94	.99	.98	1,467	7,302	25,696	.017	.341	.093	-.09	-.03	-.05				
f. pgothers	1,019	2.98	3.06	3.06	3.03	.029	.013	.011	.006	.92	.84	.90	.89	1,432	7,300	25,701	.021	.016	.096	-.09	-.08	-.05				
g. pgvalues	1,011	2.74	2.64	2.83	2.77	.032	.015	.013	.006	1.03	.99	1.00	1.00	5,372	1,340	1,090	.004	.006	.393	.10	-.09	-.03				
h. pgdiverse	1,017	2.80	2.76	2.95	2.86	.031	.014	.012	.006	.98	.95	.97	.97	5,378	1,361	25,685	.174	.000	.100	.05	-.15	-.05				
i. pgprobsolve	1,019	2.82	2.87	2.86	2.84	.031	.014	.012	.006	.99	.91	.96	.95	1,452	7,301	25,704	.131	.227	.594	-.06	-.04	-.02				
j. pgcitizen	1,018	2.68	2.59	2.76	2.69	.032	.015	.013	.006	1.02	.98	1.00	1.00	5,384	7,300	25,701	.012	.015	.793	.09	-.08	-.01				
19 evalexp	1,017	3.15	3.22	3.20	3.18	.026	.011	.010	.005	.82	.75	.80	.79	1,441	7,332	25,809	.009	.081	.199	-.10	-.06	-.04				
20 sameinst	1,017	3.21	3.26	3.23	3.22	.025	.012	.011	.005	.81	.79	.84	.83	5,405	1,389	25,890	.070	.407	.578	-.06	-.03	-.02				
21 covidexp	1,019	2.93	2.83	2.88	2.92	.030	.026	.019	.009	.96	.89	.96	.94	2,106	3,476	11,798	.019	.246	.912	.10	.04	.00				

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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" or "Yes."
- 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" or "Yes."