

NSSE 2017: WISCONSIN EXPERIENCE

<https://apir.wisc.edu/students/nsse/>

The National Survey of Student Engagement (NSSE) is a survey of college freshmen and seniors designed to assess student involvement in practices associated with high levels of learning. Results of the survey show what students think of their undergraduate experience, the kinds of activities in which they engage, and how they are benefiting from their studies.

About the Wisconsin Experience

<https://provost.wisc.edu/wisconsin-experience/>

“The Wisconsin Experience is UW-Madison’s vision for the total student experience, which combines learning in and out of the classroom.

Tied to the Wisconsin Idea and steeped in our long-standing institutional values – the commitment to the truth, shared participation in decision-making, and service to local and global communities – the Wisconsin Experience describes how students develop and integrate these core values across their educational experience.

Through the Wisconsin Experience, our students will engage in four areas of intellectual and personal growth: empathy and humility, relentless curiosity, intellectual confidence, purposeful action.”

This statement of the Wisconsin Experience was first included in orientation for new students (SOAR) entering in Fall 2017. Students who first enrolled before that, including those who responded to the 2017 NSSE, had not been systematically exposed to this description of the Wisconsin Experience. Thus, the results from the 2017 NSSE provide a baseline of student perceptions and experience.

High-Level Findings

NSSE 2017 findings on questions related to the Wisconsin Experience follow a similar pattern to the overall findings; UW-Madison students respond similarly or slightly more positively than do students at peer universities on most questions. In this summary, differences between UW-Madison students and the peer group for the mean score on each question is noted as being different if the *p* value is greater than or equal to 0.05 *and* the effect size is greater than 0.10 or less than -0.10. Such cases are marked with an up (positive difference) or down (negative difference) pointing triangle in the attached data table.

UW-Madison seniors responded significantly more positively on certain questions that especially align with the Wisconsin Experience:

- More UW-Madison seniors hold or held a formal leadership role in a student organization – 54% compared to 46% of students at peer universities.
- More UW-Madison seniors report that they have worked or were working with faculty on a research project – 38% compared to 31% of peers.
- More UW-Madison seniors reported that their experience at UW-Madison contributed quite a bit or very much to their development as an informed and active citizen - 61% compared to 49% of peers.

Responses to NSSE 2017 questions and data from other sources illustrates how students are engaging with the Wisconsin Experience and highlight opportunities to help students to have even richer levels of engagement.

Empathy and Humility

Several NSSE questions ask students to report on how their educational experience changed their thinking or broadened their perspective. UW-Madison seniors were more likely than peers to report that they learned something that changed the way they understood an issue, or to have included diverse perspectives in course discussions or assignments. In contrast, UW-Madison seniors were less likely than peers to engage with people with different backgrounds or experiences.

EMPATHY AND HUMILITY

- Develop and demonstrate cultural understanding of self and others
- Engage locally, nationally and globally in a respectful and civil manner
- Appreciate and celebrate one another's abilities, views and accomplishments

- UW-Madison seniors were more likely than peers to often or very often include diverse perspectives in coursework - 48% compared to 34% of peers. Still, 14% of UW-Madison seniors indicated that they never included diverse perspectives in their coursework. Similarly, freshmen were more likely than peers to often or very often include diverse perspectives in coursework – 55% compared to 45% for peers.
- 75% of seniors often or very often learned something that changed the way they understand an issue or concept more than seniors at peers (67% often or very often). 72% of UW-Madison seniors reported they often or very often tried to understand someone else's view by imagining how it looks from their perspective, similar to seniors at peers.
- 58% of seniors responded that their UW-Madison experience contributed quite a bit or very much to understanding people of other backgrounds; 10% responded "very little". Responses of seniors at peer universities were similar. 65% of UW-Madison freshmen responded that their experience at UW-Madison contributed quite a bit or very much to understanding people of different backgrounds.
- UW-Madison seniors were less likely than peers to often or very often have a discussion with people from another race/ethnicity (64% compared to 73% for peers), with political views different from one's own (58% compared to 67% for peers), or from a different economic background (69% compared to 72% for peers). UW-Madison freshmen were more likely than peers to have conversations with those with different political views, religious beliefs or economic backgrounds (race/ethnicity is not significant).

Relentless Curiosity

Overall, UW-Madison responses to questions related to relentless curiosity were similar to or more positive than peers.

- UW-Madison seniors were more likely to often or very often contribute to class discussions (66% compared to 60% of peers) or prepare for exams by working with other students (52% compared to 49% of peers).
- UW-Madison seniors reported levels of working with faculty outside of coursework similar to peers: 22% often or very often, 42% never. 25% reported often or very often discussing course topics or concepts outside of class with a faculty member and 26% of seniors responded never to this question.
- In contrast, UW-Madison seniors were more likely than peers to work with faculty on a research project: 38% compared with 31% of peers. UW-Madison student records show that 40% of bachelor's

RELENTLESS CURIOSITY

- Actively learn with expert instructors, scholars and peers
- Engage in creative inquiry, scholarship and research
- Develop resilience, and foster courage in life and learning

graduates participate in a research experience including a research course, thesis experience, or research-based work experience.

- UW-Madison senior responses on the question about study abroad align with student records: 27% of students responded on NSSE that they have studied abroad or are studying abroad and 25% of recent graduates have a formally recorded study abroad experience.

Intellectual Confidence

UW-Madison seniors provide similar or more positive responses on questions related to intellectual confidence than peers.

- The majority of seniors reported substantial learning gains (quite a bit or very much) on thinking critically and analytically (90%), analyzing numerical and statistical information (73%), writing clearly and effectively (70%), acquiring job related skills (66%), and speaking clearly and effectively (63%).
- The majority of seniors reported that in their academic work they often or very often combined ideas from different courses in assignments (71%), connected ideas from courses to prior experiences and knowledge (86%), examined strengths and weaknesses of their own views (64%).
- The majority of seniors reported that their course work emphasized quite a bit or very much: applying facts, theories or methods to practical problems or new situations (81%); analyzing an idea, experience or line of reasoning in depth (74%); forming new ideas or understanding from various pieces of information (66%).
- 82% of UW-Madison seniors reported that their experience contributed to a broad general education, higher than the peer response (75%).

INTELLECTUAL CONFIDENCE

- Develop competence, depth and expertise in a field of study
- Integrate ideas and synthesize knowledge across multiple contexts
- Exercise critical thinking and effective communication

Purposeful Action

- UW-Madison seniors more often hold or held a formal leadership role in a student organization than peers – 54% compared to 46% of peers.
- UW-Madison seniors more often have worked or are working with a faculty member on a research project – 38% compared to 31% for peers (also noted in relentless curiosity section).
- More UW-Madison seniors reported they often or very often connected learning to societal problems and issues – 59% compared to 54% of peers.
- More UW-Madison first-years and seniors reported that their experience at UW-Madison contributed quite a bit or very much to their development as an informed and active citizen – 62% compared to 54% of peers for freshmen and 61% compared to 49% of peers for seniors.
- The majority of UW-Madison seniors have participated or are participating in an internship, co-op, field experience, student teaching or clinical placement – 63% (not significantly different from 60% of peers)
- The majority of UW-Madison seniors report that their experience at UW-Madison contributed quite a bit or very much to learning to solve complex real-world problems (66%; similar to peer average of 63%).

PURPOSEFUL ACTION

- Apply knowledge and skills to solve problems
- Engage in public service, partner with others and contribute to community
- Lead for positive change

For more information:

Detailed reports, including statistical frequencies for all questions and summary reports of several topical areas will be available at <https://apir.wisc.edu/students/nsse/>.

Contact Jocelyn Milner (jocelyn.milner@wisc.edu) with questions about this report.

UW-Madison faculty and staff who are interested in using the data for program assessment purposes can review the reports posted online or contact Margaret Harrigan (Margaret.Harrigan@wisc.edu).

In 2017, a total of 725 colleges and universities across the United States and Canada participated in the survey. NSSE is based at the Indiana University Center for Postsecondary Research; a detailed description of NSSE is available online at <http://www.nsse.indiana.edu>. The UW-Madison response rate was 29 percent – 1,952 first-year students (31 percent) and 2,556 seniors (28 percent) answered the survey.

NSSE 2017 Frequencies and Statistical Comparisons

University of Wisconsin-Madison

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). Statistical significance does not guarantee the result is substantive or important. Values that are significant at at least p < 0.05 and have an effect size of at least 0.10 (absolute value) are potentially meaningful and are marked with a up or down pointing triangle.

		First Year Students				Senior Students				Wisconsin Experience																
		Frequency Distributions ^a				Statistical Comparisons ^b				Frequency Distributions ^a				Statistical Comparisons ^b												
		UW-Madison		AAU Public		UW-Madison		AAU Public		UW-Madison		AAU Public		UW-Madison		AAU Public										
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Mean	Mean	Effect size ^e	Count	%	Count	%	Mean	Mean	Effect size ^e									
I. 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	2	359	4	2.9	2.6 ***	.28	60	3	379	4	3.0	2.9 ***	.12	RC								
		2 Sometimes		647	34	3,604	44				784	31	3,402	35												
		3 Often		752	38	2,765	34				855	34	2,981	31												
		4 Very often		506	26	1,462	18				844	32	2,795	29												
		Total		1,947	100	8,190	100				2,543	100	9,557	100												
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1 Never		394	21	1,877	23	2.4	2.3 ***	.09	658	27	2,640	28	2.2	2.2	.02	RC								
		2 Sometimes		699	36	3,000	37				977	39	3,500	37												
		3 Often		567	29	2,277	28				582	23	2,169	22												
		4 Very often		276	14	957	12				309	12	1,169	12												
		Total		1,936	100	8,111	100				2,526	100	9,478	100												
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1 Never		683	36	3,181	40	1.9	1.8 *	.06	797	33	3,655	40	2.0	1.8 ***	.15	RC								
		2 Sometimes		866	44	3,358	41				1,152	45	4,071	43												
		3 Often		281	14	1,070	13				392	15	1,137	12												
		4 Very often		101	5	439	6				179	7	542	6												
		Total		1,931	100	8,048	100				2,520	100	9,405	100												
e. Asked another student to help you understand course material	CLaskhelp	1 Never		61	3	468	6	2.9	2.7 ***	.14	180	7	825	10	2.7	2.6 ***	.16	RC								
		2 Sometimes		588	31	2,759	35				927	37	3,833	42												
		3 Often		820	42	3,089	38				864	34	3,048	32												
		4 Very often		461	23	1,731	21				549	22	1,678	17												
		Total		1,930	100	8,047	100				2,520	100	9,384	100												
f. Explained course material to one or more students	CLexplain	1 Never		24	1	226	3	2.9	2.8 ***	.12	57	2	259	3	2.9	2.8 **	.06	RC								
		2 Sometimes		559	29	2,741	34				817	32	3,135	34												
		3 Often		919	48	3,357	42				1,056	42	3,816	41												
		4 Very often		423	22	1,696	21				592	24	2,161	23												
		Total		1,925	100	8,020	100				2,522	100	9,371	100												
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1 Never		137	7	843	11	2.8	2.6 ***	.14	279	11	1,313	15	2.6	2.5 ***	.11	RC								
		2 Sometimes		606	32	2,760	35				914	36	3,333	36												
		3 Often		726	38	2,708	34				763	30	2,771	29												
		4 Very often		452	24	1,693	21				557	22	1,918	20												
		Total		1,921	100	8,004	100				2,513	100	9,335	100												
h. Worked with other students on course projects or assignments	CLproject	1 Never		79	4	449	6	2.7	2.7	.05	80	3	388	4	3.0	2.9	.01	RC								
		2 Sometimes		710	37	2,975	38				717	28	2,487	27												
		3 Often		773	40	3,050	38				965	39	3,481	37												
		4 Very often		355	19	1,498	19				744	30	2,954	31												
		Total		1,917	100	7,972	100				2,506	100	9,310	100												
i. Given a course presentation	present	1 Never		436	23	1,553	20	2.1	2.1 ***	-.10	219	9	897	10	2.6	2.6	-.02	RC								
		2 Sometimes		1,010	52	4,081	52				983	39	3,459	37												
		3 Often		372	19	1,767	21				839	33	2,939	32												
		4 Very often		96	5	568	7				465	19	2,000	21												
		Total		1,914	100	7,969	100				2,506	100	9,295	100												

EH=Empathy and Humility;
RC=Relentless Curiosity;
IC=Intellectual Confidence;
PA=Purposeful Action.

NSSE 2017 Frequencies and Statistical Comparisons

University of Wisconsin-Madison

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). Statistical significance does not guarantee the result is substantive or important. Values that are significant at at least p<0.05 and have an effect size of at least 0.10 (absolute value) are potentially meaningful and are marked with a up or down pointing triangle.

		First Year Students								Senior Students								Wisconsin Experience
		Frequency Distributions ^a				Statistical Comparisons ^b				Frequency Distributions ^a				Statistical Comparisons ^b				
		UW-Madison		AAU Public		UW-Madison		AAU Public		UW-Madison		AAU Public		UW-Madison		AAU Public		
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Mean	Mean	Effect size ^e	Count	%	Count	%	Mean	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	RIntegrate	1	Never	109	6	484	6	2.6	2.6	-.02	56	3	252	3	2.9	2.9	.03	IC
		2	Sometimes	789	42	3,084	41				657	27	2,587	29				
		3	Often	758	40	3,134	40				1,113	44	3,866	42				
		4	Very often	244	13	1,102	14				666	27	2,425	27				
			Total	1,900	100	7,804	100				2,492	100	9,130	100				
b. Connected your learning to societal problems or issues	RSocietal	1	Never	136	8	699	10	2.6	2.5 ***	.13	156	7	835	10	2.8	2.7 ***	.12	PA
		2	Sometimes	702	37	3,215	42				823	34	3,260	36				
		3	Often	753	39	2,722	34				891	35	3,061	33				
		4	Very often	303	16	1,136	14				616	24	1,937	21				
			Total	1,894	100	7,772	100				2,486	100	9,093	100				
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RDiverse	1	Never	153	9	896	12	2.6	2.5 ***	.19	312	14	1,554	18	2.5	2.4 ***	.12	EH
		2	Sometimes	693	37	3,191	42				917	38	3,421	38				
		3	Often	715	38	2,531	32				724	28	2,521	27				
		4	Very often	327	17	1,104	13				521	20	1,544	17				
			Total	1,888	100	7,722	100				2,474	100	9,040	100				
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlowview	1	Never	77	4	395	6	2.8	2.7 ***	.09	98	4	565	7	2.8	2.7 ***	.09	IC
		2	Sometimes	600	32	2,644	35				776	31	2,991	33				
		3	Often	895	48	3,477	44				1,071	43	3,736	41				
		4	Very often	303	16	1,170	15				520	21	1,701	19				
			Total	1,875	100	7,686	100				2,465	100	8,993	100				
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	34	2	303	4	2.9	2.8 ***	.12	72	3	357	4	2.9	2.9 ***	.09	EH
		2	Sometimes	527	28	2,294	31				604	25	2,623	30				
		3	Often	893	48	3,483	45				1,138	46	3,760	41				
		4	Very often	406	22	1,545	20				639	26	2,203	25				
			Total	1,860	100	7,625	100				2,453	100	8,943	100				
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	42	2	235	3	2.9	2.8 ***	.14	31	1	220	3	3.0	2.9 ***	.14	EH
		2	Sometimes	488	27	2,371	33				569	24	2,566	30				
		3	Often	904	48	3,486	45				1,195	49	3,925	43				
		4	Very often	421	23	1,485	19				650	26	2,171	24				
			Total	1,855	100	7,577	100				2,445	100	8,882	100				
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	8	0	122	2	3.1	3.0 ***	.18	16	1	106	1	3.2	3.1 ***	.11	IC
		2	Sometimes	304	16	1,665	23				323	14	1,646	19				
		3	Often	1,003	54	3,819	50				1,211	50	4,063	45				
		4	Very often	535	29	1,933	25				887	36	3,024	35				
			Total	1,850	100	7,539	100				2,437	100	8,839	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 2017 Frequencies and Statistical Comparisons

University of Wisconsin-Madison

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). Statistical significance does not guarantee the result is substantive or important. Values that are significant at at least p<0.05 and have an effect size of at least 0.10 (absolute value) are potentially meaningful and are marked with a up or down pointing triangle.

		First Year Students				Senior Students				Wisconsin Experience								
		Frequency Distributions ^a		Statistical Comparisons ^b		Frequency Distributions ^a		Statistical Comparisons ^b										
		UW-Madison	AAU Public	UW-Madison	AAU Public	UW-Madison	AAU Public	UW-Madison	AAU Public									
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Mean	Mean	Effect size ^e	Count	%	Count	%	Mean	Mean	Effect size ^e	
3. During the current school year, about how often have you done the following?																		
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	868	47	3,623	48	1.7	1.8	-.01	1,007	42	3,660	43	1.9	1.9	-.04	RC
		2	Sometimes	657	36	2,462	33				891	36	2,799	31				
		3	Often	240	13	1,045	14				329	13	1,441	16				
		4	Very often	81	4	383	5				210	9	905	10				
			Total	1,846	100	7,513	100				2,437	100	8,805	100				
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	550	30	2,359	32	2.0	2.0	.01	615	26	2,244	26	2.1	2.1	-.03	RC
		2	Sometimes	876	48	3,378	45				1,199	49	4,000	45				
		3	Often	324	18	1,321	18				430	17	1,793	20				
		4	Very often	90	5	423	6				181	8	737	8				
			Total	1,840	100	7,481	100				2,425	100	8,774	100				
4. During the current school year, how much has your coursework emphasized the following?																		
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	20	1	192	3	3.1	3.0 ***	.14	56	2	258	3	3.1	3.1 ***	.08	IC
		2	Some	294	16	1,561	21				405	17	1,692	19				
		3	Quite a bit	957	52	3,567	48				1,133	46	3,917	45				
		4	Very much	568	31	2,110	28				825	35	2,881	33				
			Total	1,839	100	7,430	100				2,419	100	8,748	100				
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	31	2	231	3	3.0	2.9 ***	.08	71	3	393	5	3.0	3.0 **	.06	IC
		2	Some	426	23	1,881	26				534	22	2,015	23				
		3	Quite a bit	885	48	3,372	45				1,059	43	3,629	41				
		4	Very much	494	27	1,921	26				752	31	2,671	31				
			Total	1,836	100	7,405	100				2,416	100	8,708	100				
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	114	6	459	6	2.8	2.8	.02	188	8	825	10	2.7	2.7	.04	IC
		2	Some	566	31	2,294	32				718	30	2,625	31				
		3	Quite a bit	769	42	3,173	42				961	39	3,360	38				
		4	Very much	381	21	1,467	20				545	22	1,887	21				
			Total	1,830	100	7,393	100				2,412	100	8,697	100				
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	104	6	371	5	2.8	2.8	.00	120	5	541	7	2.8	2.8	.03	IC
		2	Some	517	29	2,165	30				683	29	2,461	29				
		3	Quite a bit	847	46	3,369	45				1,043	43	3,602	41				
		4	Very much	360	19	1,484	20				562	23	2,058	23				
			Total	1,828	100	7,389	100				2,408	100	8,662	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	149	8	622	8	2.7	2.7	.04	224	9	786	9	2.8	2.7	.01	IC
		2	Sometimes	598	32	2,629	35				776	31	2,754	32				
		3	Often	780	43	2,929	40				858	37	3,057	35				
		4	Very often	292	17	1,164	16				530	24	2,040	24				
			Total	1,819	100	7,344	100				2,388	100	8,637	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 2017 Frequencies and Statistical Comparisons

University of Wisconsin-Madison

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). Statistical significance does not guarantee the result is substantive or important. Values that are significant at at least p<0.05 and have an effect size of at least 0.10 (absolute value) are potentially meaningful and are marked with a up or down pointing triangle.

		First Year Students						Senior Students						Wisconsin Experience				
		Frequency Distributions ^a				Statistical Comparisons ^b		Frequency Distributions ^a				Statistical Comparisons ^b						
		UW-Madison		AAU Public		UW-Madison	AAU Public	UW-Madison		AAU Public		UW-Madison	AAU Public					
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Mean	Mean	Effect size ^e	Count	%	Count	%	Mean	Mean	Effect size ^e	
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	328	18	1,398	19	2.3	2.3	.01	373	15	1,643	19	2.5	2.4 ***	.08	IC
		2	Sometimes	744	41	2,924	40				902	37	3,172	37				
		3	Often	565	31	2,237	30				714	30	2,420	28				
		4	Very often	181	10	770	11				402	18	1,393	17				
		Total		1,818	100	7,329	100				2,391	100	8,628	100				
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	222	12	1,088	14	2.4	2.4 *	.06	226	9	1,107	13	2.6	2.5 ***	.13	IC
		2	Sometimes	792	43	3,138	43				895	37	3,348	39				
		3	Often	624	35	2,359	32				855	36	2,822	33				
		4	Very often	178	10	738	10				419	18	1,343	16				
		Total		1,816	100	7,323	100				2,395	100	8,620	100				
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	32	2	231	4	3.1	3.0	.03	72	3	289	4	2.9	3.1 ***	-0.18	EH
		2	Sometimes	431	26	1,664	25				722	32	1,924	24				
		3	Often	572	35	2,230	34				693	31	2,479	32				
		4	Very often	623	37	2,484	37				746	33	3,228	41				
		Total		1,658	100	6,609	100				2,233	100	7,920	100				
b. People from an economic background other than your own	DDeconomic	1	Never	23	1	232	4	3.1	3.0 ***	.15	60	3	252	3	3.0	3.1 ***	-0.10	EH
		2	Sometimes	346	21	1,678	26				637	28	1,991	25				
		3	Often	674	41	2,474	37				860	39	2,764	35				
		4	Very often	608	37	2,212	33				674	30	2,896	37				
		Total		1,651	100	6,596	100				2,231	100	7,903	100				
c. People with religious beliefs other than your own	DDreligion	1	Never	31	2	321	5	3.1	3.0 ***	.15	69	3	353	5	3.0	3.0 ***	-0.08	EH
		2	Sometimes	355	22	1,702	26				629	28	1,953	24				
		3	Often	646	39	2,270	34				845	38	2,666	34				
		4	Very often	619	37	2,289	35				691	31	2,928	38				
		Total		1,651	100	6,582	100				2,234	100	7,900	100				
d. People with political views other than your own	DDpolitical	1	Never	45	3	314	5	3.1	2.9 ***	.18	115	5	404	5	2.8	3.0 ***	-0.14	EH
		2	Sometimes	421	25	2,007	30				829	36	2,368	28				
		3	Often	539	33	2,131	33				634	28	2,463	32				
		4	Very often	647	39	2,124	33				659	30	2,653	35				
		Total		1,652	100	6,576	100				2,237	100	7,888	100				
11. Which of the following have you done or do you plan to do before you graduate?^f																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		132	8	564	9	8%	8%	.00	99	5	504	6	63%	60% **	.07	PA
		Do not plan to do		53	3	277	4				298	14	1,063	14				
		Plan to do		1,321	80	5,108	79				4,15	19	1,550	21				
		Done or in progress		132	8	533	8				1,415	63	4,696	60				
		Total		1,638	100	6,482	100				2,227	100	7,813	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 2017 Frequencies and Statistical Comparisons

University of Wisconsin-Madison

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). Statistical significance does not guarantee the result is substantive or important. Values that are significant at at least p<0.05 and have an effect size of at least 0.10 (absolute value) are potentially meaningful and are marked with a up or down pointing triangle.

		First Year Students				Senior Students				Wisconsin Experience						
		Frequency Distributions ^a		Statistical Comparisons ^b		Frequency Distributions ^a		Statistical Comparisons ^b								
		UW-Madison	AAU Public	UW-Madison	AAU Public	UW-Madison	AAU Public	UW-Madison	AAU Public							
Item wording or description	Variable name ^c	Count	%	Count	%	Mean	Mean	Effect size ^e	Count	%	Count	%	Mean	Mean	Effect size ^e	
b. Hold a formal leadership role in a student organization or group	leader	343	21	1,449	23	11%	13% *	-.06	120	6	544	7	54%	46% ***	.16	PA
		199	13	1,243	19				769	35	3,028	40				
		907	55	2,922	46				121	6	559	7				
		185	11	853	13				1,217	54	3,672	46				
		1,634	100	6,467	100				2,227	100	7,803	100				
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	292	18	1,698	26	27%	19% ***	.20	89	4	669	9	25%	25%	-.01	RC
		659	41	1,958	30				1,480	68	4,564	59				
		225	14	1,626	25				73	3	532	7				
		457	27	1,177	19				578	25	2,018	25				
		1,633	100	6,459	100				2,220	100	7,783	100				
d. Participate in a study abroad program	abroad	370	23	1,415	23	2%	5% ***	-.14	107	5	607	9	27%	22% ***	.11	RC
		316	20	1,361	22				1,368	63	4,841	63				
		913	54	3,386	50				128	6	479	6				
		35	2	292	5				623	27	1,860	22				
		1,634	100	6,454	100				2,226	100	7,787	100				
e. Work with a faculty member on a research project	research	542	33	2,004	31	7%	7%	-.01	170	8	823	11	38%	31% ***	.14	RC
		236	14	1,144	18				1,002	45	3,517	46				
		726	45	2,845	43				209	10	914	12				
		120	7	443	7				839	38	2,533	31				
		1,624	100	6,436	100				2,220	100	7,787	100				
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	607	37	1,919	31	1%	2% **	-.08	143	6	596	8	43%	41%	.04	RC
		136	8	572	9				668	30	2,225	28				
		867	53	3,807	58				447	21	1,662	22				
		17	1	134	2				962	43	3,292	41				
		1,627	100	6,432	100				2,220	100	7,775	100				
12. About how many of your courses at this institution have included a community-based project (service-learning)?																
servcourse	1 None	1,079	67	3,457	54	1.4	1.5 ***	-.24	1,182	54	3,969	53	1.5	1.5 *	-.05	PA
	2 Some	479	29	2,514	39				949	42	3,332	41				
	3 Most	46	3	390	6				72	3	384	5				
	4 All	17	1	63	1				14	1	71	1				
	Total	1,621	100	6,424	100				2,217	100	7,756	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 2017 Frequencies and Statistical Comparisons

University of Wisconsin-Madison

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). Statistical significance does not guarantee the result is substantive or important. Values that are significant at at least p < 0.05 and have an effect size of at least 0.10 (absolute value) are potentially meaningful and are marked with a up or down pointing triangle.

		First Year Students								Senior Students								Wisconsin Experience
		Frequency Distributions ^a				Statistical Comparisons ^b				Frequency Distributions ^a				Statistical Comparisons ^b				
		UW-Madison		AAU Public		UW-Madison		AAU Public		UW-Madison		AAU Public		UW-Madison		AAU Public		
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Mean	Mean	Effect size ^e	Count	%	Count	%	Mean	Mean	Effect size ^e	
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively	pgwrite	1	Very little	162	11	758	13	2.6	2.6	.05	130	7	592	8	2.9	2.8 ***	.13	IC
		2	Some	525	34	2,066	34				500	24	2,135	28				
		3	Quite a bit	626	40	2,263	38				843	39	2,781	37				
		4	Very much	233	15	902	15				668	31	1,892	26				
		Total		1,546	100	5,989	100				2,141	100	7,400	100				
b. Speaking clearly and effectively	pgspeak	1	Very little	249	16	974	17	2.4	2.4	.00	181	9	768	11	2.8	2.8 *	.05	IC
		2	Some	592	38	2,224	37				600	28	2,128	28				
		3	Quite a bit	517	34	2,022	33				801	37	2,699	36				
		4	Very much	189	12	762	13				560	26	1,796	25				
		Total		1,547	100	5,982	100				2,142	100	7,391	100				
c. Thinking critically and analytically	pgthink	1	Very little	34	2	208	4	3.1	3.0 ***	.12	27	1	177	3	3.4	3.3 ***	.18	IC
		2	Some	245	16	1,157	20				168	8	937	13				
		3	Quite a bit	720	47	2,728	45				754	35	2,682	36				
		4	Very much	547	35	1,890	31				1,189	55	3,589	49				
		Total		1,546	100	5,983	100				2,138	100	7,385	100				
d. Analyzing numerical and statistical information	pganalyze	1	Very little	127	8	640	10	2.8	2.8 **	.08	139	6	566	7	3.1	3.0 ***	.08	IC
		2	Some	416	26	1,644	27				462	20	1,655	22				
		3	Quite a bit	604	39	2,248	38				691	32	2,445	33				
		4	Very much	400	26	1,453	25				848	41	2,709	37				
		Total		1,547	100	5,985	100				2,140	100	7,375	100				
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	225	14	822	13	2.5	2.6 ***	-.14	158	8	774	11	2.9	2.9 *	.05	IC
		2	Some	590	38	1,916	32				560	26	1,915	25				
		3	Quite a bit	503	33	2,096	35				740	34	2,395	32				
		4	Very much	230	15	1,149	20				680	32	2,301	32				
		Total		1,548	100	5,983	100				2,138	100	7,385	100				
f. Working effectively with others	pgothers	1	Very little	79	5	426	7	2.8	2.8	.02	70	3	374	6	3.0	3.0 ***	.07	IC
		2	Some	486	32	1,810	30				470	22	1,756	24				
		3	Quite a bit	656	42	2,475	41				876	41	2,837	38				
		4	Very much	324	21	1,266	21				721	33	2,407	33				
		Total		1,545	100	5,977	100				2,137	100	7,374	100				
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	172	12	853	15	2.6	2.6	.04	265	13	1,110	16	2.7	2.6 ***	.09	EH
		2	Some	523	34	1,876	32				596	28	2,187	29				
		3	Quite a bit	568	36	2,179	36				711	33	2,376	32				
		4	Very much	282	18	1,069	18				565	26	1,704	23				
		Total		1,545	100	5,977	100				2,137	100	7,377	100				
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	117	8	614	10	2.8	2.7 ***	.11	208	10	897	12	2.7	2.7	.02	EH
		2	Some	410	27	1,774	30				661	31	2,273	30				
		3	Quite a bit	638	41	2,278	38				741	35	2,373	32				
		4	Very much	380	24	1,314	22				521	24	1,835	26				
		Total		1,545	100	5,980	100				2,131	100	7,378	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 2017 Frequencies and Statistical Comparisons

University of Wisconsin-Madison

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). Statistical significance does not guarantee the result is substantive or important. Values that are significant at at least p<0.05 and have an effect size of at least 0.10 (absolute value) are potentially meaningful and are marked with a up or down pointing triangle.

		First Year Students						Senior Students						Wisconsin Experience				
		Frequency Distributions ^a				Statistical Comparisons ^b		Frequency Distributions ^a				Statistical Comparisons ^b						
		UW-Madison		AAU Public		UW-Madison	AAU Public	UW-Madison		AAU Public		UW-Madison	AAU Public					
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Mean	Mean	Effect size ^e	Count	%	Count		%	Mean	Mean	Effect size ^e
i. Solving complex real-world problems	pgprobsolve	1	Very little	148	10	634	11	2.7	2.7	-.02	138	7	712	10	2.9	2.8 ***	.09	PA
		2	Some	529	34	1,921	32				588	27	2,086	28				
		3	Quite a bit	574	37	2,218	37				788	37	2,587	35				
		4	Very much	292	19	1,208	20				619	29	1,995	28				
		Total		1,543	100	5,981	100				2,133	100	7,380	100				
j. Being an informed and active citizen	pgcitizen	1	Very little	112	8	764	13	2.8	2.6 ***	.20	209	10	1,262	18	2.8	2.5 ***	.26	PA
		2	Some	462	30	1,952	33				598	29	2,420	32				
		3	Quite a bit	622	40	2,163	36				759	35	2,276	30				
		4	Very much	343	22	1,073	18				565	26	1,398	19				
		Total		1,539	100	5,952	100				2,131	100	7,356	100				

EH=Empathy and Humility;
RC=Relentless Curiosity;
IC=Intellectual Confidence;
PA=Purposeful Action.

*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.