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# NSSE 2016

## Frequencies and Statistical Comparisons

West Texas A&M University

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**Please note:** The layout of this file is optimized for printing and PDF creation, not on-screen viewing. When the Excel version is viewed on screen, some cells appear to contain truncated text or misplaced line breaks. This is due to differences in Excel between on-screen display and what appears in print or PDF.

# NSSE 2016 Frequencies and Statistical Comparisons

## About This Report

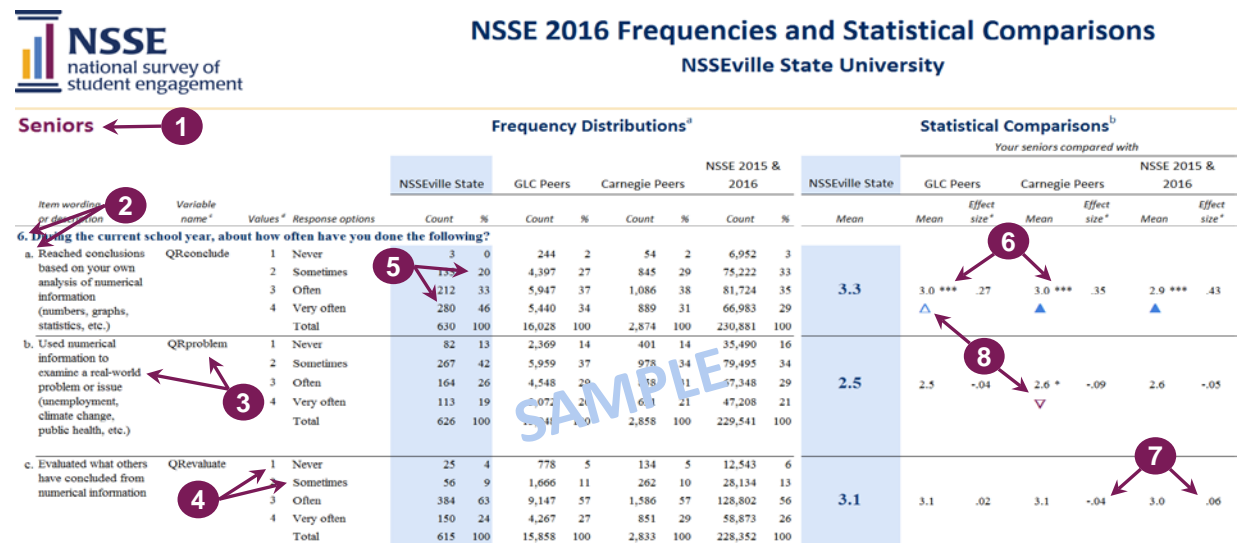
The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly 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](http://nsse.indiana.edu)) or contact a member of the NSSE team.

- Class level:** As reported by your institution.
- Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.

- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

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

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



Item wording or description	Variable name <sup>a</sup>	Values <sup>a</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>											
				NSSEville State		GLC Peers		Carnegie Peers		NSSEville State		GLC Peers		Carnegie Peers		NSSEville State & 2016			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>c</sup>	Mean	Effect size <sup>c</sup>	Mean	Effect size <sup>c</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																			
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	1,181	41	57,348	29								
		4	Very often	113	19	3,072	20	611	21	47,208	21								
			Total	626	100	15,962	100	2,858	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								

- 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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>1. During the current school year, about how often have you done the following?</b>																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	7	6	705	5	1,519	3	6,447	3	<b>2.7</b>	2.7	-.04	2.9 **	-.26	2.9 *	-.22	
		2	Sometimes	47	41	5,972	40	18,539	33	72,100	34								
		3	Often	37	33	5,186	34	20,721	36	76,240	35								
		4	Very often	25	21	3,351	22	16,309	29	59,595	28								
		Total		116	100	15,214	100	57,088	100	214,382	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	19	17	2,735	19	8,194	14	33,315	16	<b>2.6</b>	2.5	.12	2.6	-.01	2.5	.04	
		2	Sometimes	36	31	5,033	34	19,416	34	73,673	34								
		3	Often	31	28	4,351	28	17,050	30	63,003	30								
		4	Very often	29	24	2,945	18	12,010	21	42,650	20								
		Total		115	100	15,064	100	56,670	100	212,641	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	6	5	921	6	2,822	5	11,311	6	<b>2.9</b>	3.0	-.07	3.1 *	-.22	3.0	-.15	
		2	Often	20	19	2,131	15	6,269	11	26,458	13								
		3	Sometimes	66	58	8,362	55	31,097	55	118,585	55								
		4	Never	23	19	3,567	24	16,158	29	55,205	26								
		Total		115	100	14,981	100	56,346	100	211,559	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	39	34	5,480	37	20,431	39	73,415	38	<b>2.0</b>	2.0	.07	1.9	.11	2.0	.09	
		2	Sometimes	44	39	5,722	39	21,457	38	81,856	38								
		3	Often	18	16	2,336	15	8,988	15	35,411	16								
		4	Very often	13	11	1,386	9	5,219	9	19,927	9								
		Total		114	100	14,924	100	56,095	100	210,609	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	4	4	1,188	9	5,514	13	17,605	10	<b>2.7</b>	2.6	.09	2.5 **	.22	2.6	.14	
		2	Sometimes	43	37	5,560	38	21,860	39	79,623	39								
		3	Often	51	44	5,347	35	19,163	32	73,564	33								
		4	Very often	17	15	2,779	18	9,399	16	39,251	18								
		Total		115	100	14,874	100	55,936	100	210,043	100								
f. Explained course material to one or more students	CLexplain	1	Never	6	6	650	5	3,185	7	9,649	6	<b>2.6</b>	2.7	-.13	2.6	-.01	2.7	-.09	
		2	Sometimes	47	42	5,390	37	20,989	39	76,112	37								
		3	Often	41	35	5,818	39	21,646	37	82,724	38								
		4	Very often	21	17	2,941	20	9,843	17	40,610	19								
		Total		115	100	14,799	100	55,663	100	209,095	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	20	18	2,015	14	8,619	18	28,483	16	2.4	2.6	-.15	2.5	-.02	2.5	-.11
		2	Sometimes	45	40	5,090	35	19,621	35	72,411	35							
		3	Often	25	22	4,540	30	16,850	29	64,931	30							
		4	Very often	23	19	3,133	21	10,532	18	43,009	20							
		Total		113	100	14,778	100	55,622	100	208,834	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	9	8	1,056	8	4,815	11	14,926	9	2.6	2.7	-.09	2.6	.03	2.6	-.05
		2	Sometimes	45	37	5,406	38	20,800	38	78,361	38							
		3	Often	46	41	5,360	35	19,777	34	75,014	35							
		4	Very often	14	13	2,894	19	9,949	17	39,520	18							
		Total		114	100	14,716	100	55,341	100	207,821	100							
i. Given a course presentation	present	1	Never	9	8	3,220	24	9,191	19	36,013	19	2.4	2.2 **	.25	2.3	.11	2.3	.13
		2	Sometimes	62	52	6,473	43	23,794	42	91,373	43							
		3	Often	31	29	3,422	22	15,212	27	54,943	26							
		4	Very often	12	11	1,564	10	6,928	12	24,737	12							
		Total		114	100	14,679	100	55,125	100	207,066	100							
<b>2. During the current school year, about how often have you done the following?</b>																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	18	15	1,121	8	3,935	8	13,868	7	2.4	2.6 **	-.26	2.6 **	-.29	2.6 **	-.31
		2	Sometimes	47	41	5,611	40	20,625	38	77,111	38							
		3	Often	37	33	5,164	36	19,809	36	74,959	37							
		4	Very often	12	10	2,377	17	9,558	18	36,379	18							
		Total		114	100	14,273	100	53,927	100	202,317	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	11	10	1,425	11	4,290	9	16,185	9	2.4	2.5 *	-.17	2.6 **	-.27	2.6 **	-.26
		2	Sometimes	58	51	5,530	39	20,052	37	75,888	38							
		3	Often	35	30	4,972	34	19,665	36	73,098	36							
		4	Very often	10	9	2,240	16	9,470	18	35,574	18							
		Total		114	100	14,167	100	53,477	100	200,745	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	19	17	1,565	12	4,890	10	18,703	10	2.3	2.5 **	-.29	2.6 ***	-.36	2.6 ***	-.34
		2	Sometimes	56	48	5,355	39	20,276	38	76,616	38							
		3	Often	27	25	4,779	33	18,553	34	68,999	34							
		4	Very often	10	10	2,443	17	9,624	18	35,953	18							
		Total		112	100	14,142	100	53,343	100	200,271	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	8	8	720	5	2,489	5	9,308	5	<b>2.6</b>	2.8	-.15	2.8	-.18	2.8	-.18	
		2	Sometimes	39	35	4,597	33	17,083	32	63,889	32								
		3	Often	48	42	5,975	42	22,840	43	85,967	43								
		4	Very often	16	15	2,783	20	10,749	21	40,283	20								
		Total		111	100	14,075	100	53,161	100	199,447	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	5	5	494	4	1,701	4	6,537	4	<b>2.7</b>	2.9 **	-.29	2.9 **	-.30	2.9 **	-.29	
		2	Sometimes	42	38	3,982	29	14,901	28	56,289	28								
		3	Often	50	44	6,026	43	23,097	43	86,757	43								
		4	Very often	13	13	3,541	25	13,261	25	49,157	25								
		Total		110	100	14,043	100	52,960	100	198,740	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	4	3	444	3	1,550	3	5,809	3	<b>2.7</b>	2.8	-.18	2.9 *	-.22	2.9 *	-.21	
		2	Sometimes	43	40	4,369	32	15,911	31	59,911	31								
		3	Often	45	41	5,972	42	22,833	43	85,752	43								
		4	Very often	18	16	3,196	23	12,451	24	46,477	23								
		Total		110	100	13,981	100	52,745	100	197,949	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	3	3	247	2	798	2	2,783	2	<b>2.9</b>	3.0	-.14	3.1 *	-.21	3.1 *	-.21	
		2	Sometimes	29	26	3,324	24	11,128	22	41,793	22								
		3	Often	56	51	6,321	45	24,523	46	91,538	46								
		4	Very often	22	21	4,026	29	16,051	31	60,961	31								
		Total		110	100	13,918	100	52,500	100	197,075	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	16	16	2,868	21	10,459	22	40,277	22	<b>2.3</b>	2.2	.03	2.2	.05	2.2	.06	
		2	Sometimes	55	51	6,112	44	23,954	45	89,891	45								
		3	Often	28	25	3,291	23	11,950	22	44,589	22								
		4	Very often	9	9	1,639	12	6,128	11	22,459	11								
		Total		108	100	13,910	100	52,491	100	197,216	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	51	46	6,681	49	26,007	52	96,425	51	<b>1.8</b>	1.8	-.05	1.7	.02	1.8	.01	
		2	Sometimes	38	36	4,142	30	16,042	29	60,954	30								
		3	Often	15	14	2,008	14	6,812	13	26,119	13								
		4	Very often	4	4	1,043	8	3,445	7	13,071	7								
		Total		108	100	13,874	100	52,306	100	196,569	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	33	30	4,725	34	16,802	34	61,648	33	<b>2.0</b>	2.0	.00	2.0	.01	2.0	.00	
		2	Sometimes	51	47	5,516	39	21,931	40	83,463	41								
		3	Often	17	17	2,496	18	9,351	17	35,727	18								
		4	Very often	6	6	1,105	8	4,104	8	15,305	8								
		Total		107	100	13,842	100	52,188	100	196,143	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	20	19	3,593	27	12,079	25	46,282	25	<b>2.2</b>	2.1	.10	2.1	.07	2.1	.08	
		2	Sometimes	50	47	6,118	44	24,237	46	91,269	46								
		3	Often	30	28	2,857	20	10,949	20	40,725	20								
		4	Very often	6	6	1,244	9	4,804	9	17,519	9								
		Total		106	100	13,812	100	52,069	100	195,795	100								
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																			
a. Memorizing course material	memorize	1	Very little	4	3	480	4	1,908	4	7,459	4	<b>3.0</b>	3.0	.08	2.9	.12	2.9	.12	
		2	Some	16	16	3,235	24	12,585	25	48,233	25								
		3	Quite a bit	56	53	6,196	44	23,060	44	86,338	44								
		4	Very much	30	27	3,933	28	14,651	27	54,111	27								
		Total		106	100	13,844	100	52,204	100	196,141	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	3	3	554	4	1,863	4	6,620	4	<b>2.7</b>	2.9 *	-0.25	2.9 **	-0.26	3.0 **	-0.29	
		2	Some	39	39	3,466	25	12,657	25	46,209	24								
		3	Quite a bit	44	40	6,126	44	23,521	45	88,480	45								
		4	Very much	19	18	3,623	27	13,906	26	53,961	27								
		Total		105	100	13,769	100	51,947	100	195,270	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	5	5	557	4	1,889	4	6,929	4	<b>2.8</b>	2.9	-0.19	3.0 *	-0.21	3.0 *	-0.23	
		2	Some	38	36	3,480	26	12,695	25	47,142	25								
		3	Quite a bit	39	36	5,876	43	22,499	43	84,124	43								
		4	Very much	23	23	3,771	27	14,610	28	56,125	29								
		Total		105	100	13,684	100	51,693	100	194,320	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	5	5	612	5	1,825	4	7,511	4	<b>2.8</b>	2.9	-0.12	2.9	-0.18	2.9	-0.15	
		2	Some	31	30	3,548	27	13,017	25	49,610	26								
		3	Quite a bit	48	45	5,933	43	22,764	44	85,318	44								
		4	Very much	20	20	3,615	26	14,067	27	51,855	26								
		Total		104	100	13,708	100	51,673	100	194,294	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	3	2	631	5	2,113	4	8,268	5	<b>2.8</b>	2.9	-.10	2.9	-.14	2.9	-.12	
		2	Some	35	34	3,636	27	13,397	26	51,135	27								
		3	Quite a bit	47	45	5,902	43	22,391	43	83,981	43								
		4	Very much	19	19	3,506	26	13,686	26	50,480	26								
		Total		104	100	13,675	100	51,587	100	193,864	100								
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	4	4	326	3	989	2	3,839	2	<b>3.0</b>	3.1	-.07	3.1	-.12	3.1	-.08	
		2	Some	18	17	2,665	19	9,397	18	36,042	19								
		3	Quite a bit	52	49	6,039	44	23,213	44	88,692	45								
		4	Very much	31	30	4,731	34	18,268	36	66,380	34								
		Total		105	100	13,761	100	51,867	100	194,953	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	7	7	521	4	1,553	3	5,674	3	<b>2.9</b>	3.0	-.21	3.1 *	-.25	3.1 *	-.23	
		2	Some	28	27	2,723	20	10,027	19	37,523	20								
		3	Quite a bit	41	38	6,078	44	23,330	44	89,498	45								
		4	Very much	29	28	4,403	32	16,837	33	61,843	32								
		Total		105	100	13,725	100	51,747	100	194,538	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	4	3	516	4	1,670	4	6,073	4	<b>3.0</b>	3.0	-.08	3.1	-.11	3.1	-.10	
		2	Some	32	30	2,923	21	10,552	21	39,446	21								
		3	Quite a bit	33	33	5,571	41	21,385	41	81,558	41								
		4	Very much	34	34	4,674	34	18,025	35	67,021	34								
		Total		103	100	13,684	100	51,632	100	194,098	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	4	3	1,153	9	3,300	7	13,794	8	<b>2.9</b>	2.8	.15	2.9	.02	2.9	.08	
		2	Some	33	31	3,989	30	13,562	26	53,386	28								
		3	Quite a bit	38	36	4,829	35	18,970	36	70,989	36								
		4	Very much	30	30	3,727	26	15,781	31	55,848	29								
		Total		105	100	13,698	100	51,613	100	194,017	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	10	9	1,327	10	3,868	8	15,493	8	<b>2.8</b>	2.7	.09	2.8	-.04	2.8	.01	
		2	Some	29	27	4,351	32	14,767	29	58,084	30								
		3	Quite a bit	41	41	4,769	35	19,273	37	72,542	37								
		4	Very much	24	23	3,204	23	13,532	27	47,289	25								
		Total		104	100	13,651	100	51,440	100	193,408	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	18	15	1,592	11	6,846	13	24,568	12	<b>2.4</b>	2.6 ** ▽	-.26	2.6	-.19	2.6 *	▽	-.22
		2	Sometimes	44	41	4,756	34	18,714	35	69,150	35								
		3	Often	33	34	4,869	36	17,642	34	67,920	35								
		4	Very often	9	10	2,491	19	8,541	17	32,831	18								
		Total		104	100	13,708	100	51,743	100	194,469	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	31	26	2,827	21	11,046	21	41,388	21	<b>2.2</b>	2.3	-.18	2.3	-.15	2.3	-.16	
		2	Sometimes	42	40	5,254	38	20,802	40	77,305	39								
		3	Often	23	25	3,811	28	13,694	27	52,306	27								
		4	Very often	8	9	1,794	14	6,114	12	23,099	13								
		Total		104	100	13,686	100	51,656	100	194,098	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	30	25	2,746	20	10,821	21	39,162	20	<b>2.2</b>	2.3	-.12	2.3	-.08	2.3	-.10	
		2	Sometimes	41	39	5,642	41	21,690	42	80,895	41								
		3	Often	24	26	3,682	27	13,540	27	52,688	27								
		4	Very often	9	10	1,576	12	5,430	11	20,840	11								
		Total		104	100	13,646	100	51,481	100	193,585	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)</b>																			
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	6	6	900	8	1,854	4	7,636	5	<b>7.4</b>	5.8 *	.30	6.9	.09	6.8	.10	
		1.5	1-2	21	22	2,821	23	8,612	19	32,541	19								
		4	3-5	25	27	4,134	33	15,170	32	56,456	32								
		8	6-10	19	19	2,802	22	12,054	25	45,095	25								
		13	11-15	13	15	1,041	8	5,144	10	19,262	10								
		18	16-20	2	2	396	3	2,361	5	8,739	5								
		23	More than 20	8	9	422	3	2,435	5	9,265	5								
Total		94	100	12,516	100	47,630	100	178,994	100										
b. Between 6 and 10 pages	wrmednum <i>(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	36	40	5,220	44	14,472	32	55,633	34	<b>2.6</b>	1.9	.20	2.3	.10	2.2	.11	
		1.5	1-2	32	36	4,153	34	19,564	41	71,551	40								
		4	3-5	9	11	1,746	14	8,411	18	32,190	18								
		8	6-10	5	5	740	6	2,973	7	11,104	6								
		13	11-15	4	5	187	2	657	2	2,544	2								
		18	16-20	1	1	46	0	205	0	804	0								
		23	More than 20	1	2	61	1	209	1	767	1								
Total		88	100	12,153	100	46,491	100	174,593	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU				Southwest Public				Carnegie Class				NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
c. 11 pages or more	wrlongnum	0	None	64	72	9,703	81	34,660	76	129,794	76	<b>1.6</b>	.8	.27	.9	.27	.9	.27							
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	17	17	1,416	12	7,917	17	29,882	17														
		4	3-5	4	4	330	3	1,413	3	5,332	3														
		8	6-10	1	1	226	2	734	2	2,772	2														
		13	11-15	2	3	144	1	406	1	1,525	1														
		18	16-20	0	0	40	0	139	0	574	0														
		23	More than 20	2	3	69	1	237	1	823	1														
		Total			90	100	11,928	100	45,506	100	170,702	100													
Estimated number of assigned pages of student writing.	wrpages											<b>61.4</b>	43.5	.27	49.6	.18	49.2	.19							
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																									
a. People of a race or ethnicity other than your own	DDrace	1	Never	2	2	728	6	2,473	6	8,344	5	<b>3.1</b>	3.1	-.01	3.0	.04	3.1	.01							
		2	Sometimes	25	28	2,722	21	11,783	24	42,633	23														
		3	Often	30	30	3,915	31	14,861	31	55,449	31														
		4	Very often	36	40	5,282	42	18,935	39	74,045	41														
			Total	93	100	12,647	100	48,052	100	180,471	100														
b. People from an economic background other than your own	DDeconomic	1	Never	3	3	687	6	2,425	6	8,055	5	<b>3.0</b>	3.1	-.10	3.0	-.05	3.1	-.10							
		2	Sometimes	26	29	2,739	22	11,129	24	40,433	23														
		3	Often	36	37	4,295	34	16,769	34	62,670	34														
		4	Very often	28	31	4,887	39	17,572	36	68,769	38														
			Total	93	100	12,608	100	47,895	100	179,927	100														
c. People with religious beliefs other than your own	DDreligion	1	Never	6	7	844	7	3,204	7	11,861	7	<b>2.8</b>	3.0	-.17	3.0	-.11	3.0	-.14							
		2	Sometimes	27	29	3,021	24	12,473	26	46,157	25														
		3	Often	34	36	3,843	30	14,922	31	55,035	31														
		4	Very often	26	28	4,889	39	17,292	36	66,745	37														
			Total	93	100	12,597	100	47,891	100	179,798	100														
d. People with political views other than your own	DDpolitical	1	Never	8	9	830	7	3,314	8	11,473	7	<b>2.8</b>	3.0	-.18	2.9	-.12	3.0	-.16							
		2	Sometimes	24	26	3,005	24	12,403	26	46,140	25														
		3	Often	36	39	4,034	32	15,636	32	58,085	32														
		4	Very often	25	26	4,684	37	16,361	34	63,500	36														
			Total	93	100	12,553	100	47,714	100	179,198	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU				NSSE 2015 & 2016				Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>9. During the current school year, about how often have you done the following?</b>																		
a. Identified key information from reading assignments	LSreading	1	Never	3	3	252	2	679	2	2,820	2	<b>2.8</b>	3.0 **	-0.31	3.1 ***	-0.42	3.1 ***	-0.41
		2	Sometimes	33	35	2,730	22	8,988	19	34,127	20							
		3	Often	36	40	5,611	45	21,282	45	79,806	44							
		4	Very often	21	21	3,927	31	16,701	35	62,207	34							
		Total		93	100	12,520	100	47,650	100	178,960	100							
b. Reviewed your notes after class	LSnotes	1	Never	6	6	581	5	2,155	5	8,442	5	<b>2.8</b>	2.9	-0.08	3.0	-0.14	2.9	-0.11
		2	Sometimes	25	29	3,673	30	13,173	28	51,697	29							
		3	Often	38	41	4,272	34	16,272	34	60,970	34							
		4	Very often	23	24	3,976	30	15,930	33	57,459	32							
		Total		92	100	12,502	100	47,530	100	178,568	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	8	8	945	8	2,737	6	10,871	6	<b>2.7</b>	2.8	-0.08	2.9	-0.18	2.8	-0.16
		2	Sometimes	27	30	3,874	32	13,935	29	53,545	30							
		3	Often	41	46	4,306	35	17,369	37	64,838	37							
		4	Very often	15	16	3,282	25	13,135	28	47,822	27							
		Total		91	100	12,407	100	47,176	100	177,076	100							
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																		
challenge		1	Not at all	0	0	74	1	219	1	848	1	<b>5.5</b>	5.5	0.05	5.5	-0.01	5.5	0.00
		2		1	1	131	1	425	1	1,650	1							
		3		2	2	394	3	1,419	3	5,278	3							
		4		6	6	1,344	11	4,688	10	17,654	10							
		5		41	43	4,167	34	15,625	32	58,127	32							
		6		24	27	3,526	28	14,300	29	54,465	30							
		7	Very much	19	20	2,851	22	10,848	23	40,490	23							
		Total		93	100	12,487	100	47,524	100	178,512	100							
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		9	10	1,409	12	5,368	13	18,490	12	<b>7%</b>	8%	-0.05	8%	-0.02	9%	-0.06
		Do not plan to do		4	5	585	5	2,114	6	7,284	5							
		Plan to do		70	77	9,439	75	36,213	74	136,887	75							
		Done or in progress		7	7	1,038	8	3,728	8	15,502	9							
		Total		90	100	12,471	100	47,423	100	178,163	100							

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# NSSE 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
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	29	32	3,266	26	13,509	29	47,901	27	<b>14%</b>	13%	.03	11%	.10	12%	.06	
			Do not plan to do	22	24	2,701	22	11,320	26	39,508	24								
			Plan to do	27	31	4,928	39	17,286	35	68,898	37								
			Done or in progress	13	14	1,543	13	5,127	11	21,221	12								
			Total	91	100	12,438	100	47,242	100	177,528	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	30	33	3,739	30	15,731	33	56,313	31	<b>11%</b>	15%	-.12	13%	-.08	15%	-.13	
			Do not plan to do	22	25	3,001	24	11,923	26	46,248	27								
			Plan to do	28	32	3,947	31	13,047	27	48,236	27								
			Done or in progress	9	11	1,714	15	6,432	13	26,315	15								
			Total	89	100	12,401	100	47,133	100	177,112	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	28	31	3,412	28	13,400	29	48,239	28	<b>1%</b>	4%	-.22	3%	-.17	4%	-.19	
			Do not plan to do	31	35	3,138	26	13,091	30	45,444	28								
			Plan to do	30	33	5,343	42	19,087	38	77,161	41								
			Done or in progress	1	1	514	4	1,538	3	6,182	4								
			Total	90	100	12,407	100	47,116	100	177,026	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	37	41	4,299	34	18,381	39	66,206	37	<b>3%</b>	6%	-.17	5%	-.11	5%	-.14	
			Do not plan to do	19	20	3,037	24	11,433	25	40,060	23								
			Plan to do	31	36	4,290	36	14,812	31	60,735	34								
			Done or in progress	3	3	747	6	2,304	5	9,475	5								
			Total	90	100	12,373	100	46,930	100	176,476	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	38	40	3,998	33	14,724	32	53,726	31	<b>3%</b>	3%	-.02	3%	.01	3%	.01	
			Do not plan to do	12	14	1,326	11	4,440	10	16,663	10								
			Plan to do	37	43	6,645	53	26,572	54	101,567	55								
			Done or in progress	2	3	383	3	1,221	3	4,580	3								
			Total	89	100	12,352	100	46,957	100	176,536	100								

#### 12. About how many of your courses at this institution have included a community-based project (service-learning)?

servcourse	1	None	16	19	5,508	45	20,792	46	81,283	48	<b>1.9</b>	1.7 ***	.33	1.6 ***	.35	1.6 ***	.38
	2	Some	67	74	5,638	45	21,751	45	79,325	44							
	3	Most	7	8	989	8	3,615	8	12,881	7							
	4	All	0	0	204	2	665	2	2,485	2							
	Total			90	100	12,339	100	46,823	100	175,974							

\*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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	1	1	214	2	846	2	2,753	2	<b>5.2</b>	5.4	-.21	5.5 *	-.22	5.5	-.24	
		2		6	7	267	2	1,050	2	3,592	2								
		3		8	8	634	5	2,242	5	8,345	5								
		4		15	17	1,560	12	5,057	11	19,135	11								
		5		17	18	3,067	24	11,464	24	43,053	24								
		6		23	27	3,184	26	12,969	27	49,918	28								
		7	Excellent	19	23	3,414	27	13,194	28	49,436	27								
		—	Not applicable	0	0	94	1	362	1	1,184	1								
			Total	89	100	12,434	100	47,184	100	177,416	100								
b. Academic advisors	QIadvisor	1	Poor	5	5	440	4	1,829	4	6,325	4	<b>5.1</b>	5.2	-.07	5.2	-.06	5.2	-.07	
		2		4	4	614	5	2,349	5	8,541	5								
		3		8	8	1,027	8	3,773	8	13,779	8								
		4		16	17	1,728	14	6,277	13	23,192	13								
		5		13	16	2,380	19	9,059	19	34,823	19								
		6		22	25	2,576	21	9,747	20	37,954	21								
		7	Excellent	21	24	3,468	28	13,095	28	48,870	28								
		—	Not applicable	0	0	179	2	960	3	3,572	2								
			Total	89	100	12,412	100	47,089	100	177,056	100								
c. Faculty	QIfaculty	1	Poor	5	5	335	3	977	2	3,336	2	<b>5.3</b>	5.2	.08	5.3	-.01	5.3	.01	
		2		2	2	487	4	1,383	3	5,119	3								
		3		7	7	909	7	2,710	6	10,452	6								
		4		9	10	1,685	14	6,047	13	23,104	13								
		5		18	21	3,000	24	11,517	24	44,029	25								
		6		23	26	3,214	26	13,122	27	49,636	27								
		7	Excellent	24	27	2,587	21	10,659	23	38,959	22								
		—	Not applicable	1	1	137	1	462	1	1,671	1								
			Total	89	100	12,354	100	46,877	100	176,306	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU				NSSE 2015 & 2016				Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	4	4	590	5	2,184	5	7,551	5	<b>5.2</b>	5.0	.10	5.0	.10	5.0	.11
		2		2	2	639	5	2,189	5	8,062	5							
		3		8	9	898	7	3,321	7	12,533	7							
		4		15	15	1,640	13	6,127	13	23,749	13							
		5		16	18	2,527	20	9,385	19	36,524	20							
		6		20	22	2,636	21	9,937	20	38,075	21							
		7	Excellent	21	25	2,466	20	9,325	20	34,256	19							
		—	Not applicable	3	4	974	8	4,496	11	15,755	11							
	Total	89	100	12,370	100	46,964	100	176,505	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	5	5	638	5	2,187	5	8,009	5	<b>5.2</b>	4.9	.18	5.0	.13	4.9	.15
		2		2	2	718	6	2,573	5	9,411	5							
		3		2	2	1,027	8	3,767	8	14,179	8							
		4		17	18	1,883	16	6,728	14	25,699	14							
		5		17	21	2,628	21	9,791	20	37,435	21							
		6		28	30	2,497	20	9,967	21	36,998	20							
		7	Excellent	15	18	2,353	19	9,403	21	33,594	19							
		—	Not applicable	3	3	648	6	2,601	6	11,421	7							
	Total	89	100	12,392	100	47,017	100	176,746	100									
<b>14. How much does your institution emphasize the following?</b>																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	0	0	227	2	756	2	2,614	2	<b>3.0</b>	3.1	-.17	3.2	-.20	3.2 *	-.22
		2	Some	19	23	2,013	18	6,953	16	25,585	16							
		3	Quite a bit	44	54	5,162	44	20,281	46	75,130	45							
		4	Very much	20	24	4,246	36	16,491	36	64,140	37							
			Total	83	100	11,648	100	44,481	100	167,469	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	4	5	420	4	1,584	4	5,452	4	<b>3.0</b>	3.1	-.11	3.1	-.10	3.1	-.12
		2	Some	19	23	2,255	20	8,184	20	30,680	19							
		3	Quite a bit	32	38	4,607	40	18,086	41	68,154	41							
		4	Very much	27	33	4,263	36	16,231	35	61,829	36							
			Total	82	100	11,545	100	44,085	100	166,115	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	1	2	582	5	2,342	6	8,182	5	<b>3.2</b>	3.1	.02	3.1	.05	3.1	.04
		2	Some	16	20	1,920	17	7,240	17	27,454	17							
		3	Quite a bit	32	39	4,044	36	15,773	36	60,302	37							
		4	Very much	34	39	4,990	42	18,710	41	70,058	41							
			Total	83	100	11,536	100	44,065	100	165,996	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	12	15	1,158	10	4,853	12	17,942	11	<b>2.6</b>	2.8 *	-0.24	2.8	-0.20	2.8	-0.20
		2	Some	29	34	3,184	28	12,254	28	46,762	28							
		3	Quite a bit	25	29	3,916	34	14,800	34	56,104	34							
		4	Very much	17	21	3,286	28	12,164	27	45,287	27							
		Total		83	100	11,544	100	44,071	100	166,095	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	4	5	611	5	2,547	7	8,785	6	<b>2.8</b>	3.0 *	-0.25	3.0	-0.18	3.0	-0.21
		2	Some	28	34	2,457	21	9,624	23	35,472	22							
		3	Quite a bit	30	37	4,406	39	16,818	38	64,240	38							
		4	Very much	19	24	4,054	34	15,034	33	57,391	33							
		Total		81	100	11,528	100	44,023	100	165,888	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	2	3	721	6	3,118	8	10,519	7	<b>2.8</b>	3.0	-0.21	2.9	-0.13	3.0	-0.17
		2	Some	28	35	2,550	22	9,725	23	36,449	23							
		3	Quite a bit	36	42	4,285	37	16,697	37	63,499	38							
		4	Very much	17	20	3,943	34	14,404	31	55,083	32							
		Total		83	100	11,499	100	43,944	100	165,550	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	17	21	2,229	20	9,052	22	33,571	21	<b>2.3</b>	2.4	-0.19	2.4	-0.14	2.4	-0.13
		2	Some	30	38	3,813	33	14,979	34	58,116	35							
		3	Quite a bit	30	36	3,460	30	12,488	28	46,845	28							
		4	Very much	5	5	1,999	17	7,430	17	26,929	16							
		Total		82	100	11,501	100	43,949	100	165,461	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	5	5	806	7	4,259	12	13,115	10	<b>2.8</b>	2.9	-0.18	2.8	-0.01	2.9	-0.08
		2	Some	24	30	2,636	23	10,512	25	38,805	24							
		3	Quite a bit	39	46	4,308	38	16,157	36	62,341	37							
		4	Very much	14	18	3,716	32	12,912	28	50,820	29							
		Total		82	100	11,466	100	43,840	100	165,081	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	15	18	1,611	14	6,603	17	22,761	15	<b>2.3</b>	2.6 *	-0.28	2.5 *	-0.20	2.6 *	-0.24
		2	Some	34	41	3,662	33	14,031	32	53,301	32							
		3	Quite a bit	24	30	3,697	32	14,058	31	54,209	32							
		4	Very much	8	11	2,448	21	9,044	20	34,442	20							
		Total		81	100	11,418	100	43,736	100	164,713	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup> Response options		NSSE 2015 & 2016								Your first-year students compared with							
				WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
		Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	0	0	78	1	179	0	782	1	<b>12.5</b>	13.6	-.14	13.7	-.14	14.3 *	▽	-.22
		3	1-5 hrs	16	19	1,805	16	6,458	15	21,509	14								
		8	6-10 hrs	24	30	2,949	26	10,937	25	38,387	24								
		13	11-15 hrs	17	20	2,512	22	9,695	22	36,136	22								
		18	16-20 hrs	11	14	1,913	16	7,787	17	30,821	18								
		23	21-25 hrs	9	10	1,116	10	4,529	10	18,619	11								
		28	26-30 hrs	4	5	549	5	2,315	5	9,899	6								
		33	More than 30 hrs	2	2	587	5	2,111	5	9,492	6								
	Total	83	100	11,509	100	44,011	100	165,645	100										
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcoccrrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	19	22	3,831	34	14,661	37	50,466	34	<b>6.3</b>	5.6	.11	5.1	.18	5.5	.13	
		3	1-5 hrs	30	37	3,594	31	14,695	32	55,669	32								
		8	6-10 hrs	13	16	1,902	17	6,757	15	27,297	16								
		13	11-15 hrs	13	15	1,033	9	3,496	8	14,767	9								
		18	16-20 hrs	3	4	591	5	2,148	5	8,840	5								
		23	21-25 hrs	4	5	253	2	1,066	2	4,003	2								
		28	26-30 hrs	0	0	108	1	411	1	1,531	1								
		33	More than 30 hrs	0	0	145	1	499	1	2,074	1								
	Total	82	100	11,457	100	43,733	100	164,647	100										
c. Working for pay on campus	tmworkonhrs <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	73	91	9,326	81	34,394	80	126,864	79	<b>1.4</b>	2.5	-.18	2.2	-.14	2.4	-.17	
		3	1-5 hrs	0	0	286	3	2,120	4	8,061	4								
		8	6-10 hrs	2	3	448	4	3,440	7	13,697	7								
		13	11-15 hrs	1	1	525	4	2,064	5	8,375	5								
		18	16-20 hrs	2	3	606	5	1,176	3	5,426	3								
		23	21-25 hrs	2	2	170	1	357	1	1,456	1								
		28	26-30 hrs	0	0	46	0	124	0	492	0								
		33	More than 30 hrs	0	0	58	1	161	0	732	1								
	Total	80	100	11,465	100	43,836	100	165,103	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	51	60	7,707	68	28,636	64	113,943	67	<b>8.2</b>	5.3 * ▲	.31	6.6	.15	5.7	.25
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	3	562	5	2,262	5	8,164	5							
		8	6-10 hrs	4	5	554	5	2,596	6	8,762	5							
		13	11-15 hrs	1	1	555	5	2,399	5	8,155	5							
		18	16-20 hrs	6	7	742	6	2,577	6	8,684	5							
		23	21-25 hrs	8	11	569	5	1,733	4	5,909	4							
		28	26-30 hrs	6	7	327	3	1,099	3	3,609	2							
		33	More than 30 hrs	4	5	416	4	2,393	8	7,281	6							
		Total			83	100	11,432	100	43,695	100	164,507	100						
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											<b>9.7</b>	7.7	.18	8.7	.08	8.0	.15
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	41	50	5,758	51	24,368	57	90,227	56	<b>3.6</b>	2.9	.13	2.5	.23	2.5	.23
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	24	29	3,860	33	13,992	31	54,266	32							
		8	6-10 hrs	9	10	885	8	2,815	7	10,344	6							
		13	11-15 hrs	3	4	415	4	1,144	3	4,370	3							
		18	16-20 hrs	4	6	220	2	613	2	2,380	2							
		23	21-25 hrs	1	2	123	1	282	1	1,066	1							
		28	26-30 hrs	0	0	35	0	94	0	404	0							
		33	More than 30 hrs	0	0	55	1	191	1	661	0							
		Total			82	100	11,351	100	43,499	100	163,718	100						
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	252	2	913	2	3,001	2	<b>12.5</b>	12.0	.06	11.8	.08	12.1	.04
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	22	24	2,719	23	10,021	24	35,683	22							
		8	6-10 hrs	19	23	3,117	27	12,027	27	45,575	27							
		13	11-15 hrs	14	19	2,273	20	8,646	19	33,734	20							
		18	16-20 hrs	13	16	1,398	13	5,516	12	21,603	13							
		23	21-25 hrs	9	12	713	6	2,814	6	10,708	7							
		28	26-30 hrs	1	1	328	3	1,272	3	4,890	3							
		33	More than 30 hrs	4	5	638	6	2,470	6	9,170	6							
		Total			82	100	11,438	100	43,679	100	164,364	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	62	74	8,397	73	31,670	70	124,894	73	<b>3.6</b>	2.7	.14	3.9	-.03	3.3	.05	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	8	1,349	12	5,060	12	17,319	11								
	8	6-10 hrs	3	4	606	5	2,310	6	7,395	5									
	13	11-15 hrs	3	4	398	4	1,306	3	4,371	3									
	18	16-20 hrs	2	3	225	2	822	2	2,792	2									
	23	21-25 hrs	1	2	119	1	449	1	1,480	1									
	28	26-30 hrs	0	0	56	1	271	1	815	1									
	33	More than 30 hrs	4	5	257	2	1,719	5	5,041	4									
	Total			82	100	11,407	100	43,607	100	164,107	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	31	37	3,293	29	19,740	43	71,689	41	<b>4.5</b>	4.7	-.03	3.8	.14	3.8	.13	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	34	40	5,060	43	15,258	36	60,603	37								
	8	6-10 hrs	6	8	1,758	16	4,958	12	18,549	12									
	13	11-15 hrs	5	7	621	5	1,888	5	6,791	5									
	18	16-20 hrs	3	4	351	3	891	2	3,362	2									
	23	21-25 hrs	1	2	137	1	393	1	1,423	1									
	28	26-30 hrs	0	0	65	1	183	0	662	0									
	33	More than 30 hrs	2	2	166	1	464	1	1,691	1									
	Total			82	100	11,451	100	43,775	100	164,770	100								
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
	reading	1	Very little	14	18	1,451	13	4,283	10	17,665	11	<b>2.4</b>	2.7 *	-.25	2.9 ***	-.42	2.8 **	-.36	
		2	Some	35	45	3,819	34	13,179	30	50,954	32								
		3	About half	19	21	3,474	30	13,548	32	49,144	30								
		4	Most	8	9	1,968	17	9,254	21	33,962	20								
		5	Almost all	6	7	715	6	3,369	7	12,644	7								
			Total	82	100	11,427	100	43,633	100	164,369	100								
	tmreadinghrs											<b>4.7</b>	6.1 *	-.25	6.7 ***	-.34	6.7 ***	-.35	
	(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)																		

\*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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public	Carnegie Class	NSSE 2015 & 2016		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
	tmreadinghrscol	1	0 hrs	0	0	73	1	161	0	719	1							
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	51	65	6,172	55	21,370	50	78,653	50							
		3	More than 5, up to 10 hrs	24	27	3,189	28	12,984	30	49,048	29							
		4	More than 10, up to 15 hrs	3	3	952	8	4,445	10	17,590	10							
		5	More than 15, up to 20 hrs	2	2	505	4	2,324	5	9,042	5							
		6	More than 20, up to 25 hrs	1	2	325	3	1,545	3	6,118	3							
		7	More than 25 hrs	1	1	150	1	615	1	2,413	1							
			Total			82	100	11,366	100	43,444	100	163,583	100					
<b>17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																		
a. Writing clearly and effectively	pgwrite	1	Very little	3	3	955	9	2,714	6	11,762	8	<b>2.9</b>	2.8	.15	2.9	.03	2.9	.09
		2	Some	19	24	2,988	27	10,662	24	42,602	26							
		3	Quite a bit	39	48	4,608	40	18,356	42	67,688	41							
		4	Very much	19	24	2,866	24	11,966	28	42,471	26							
		Total		80	100	11,417	100	43,698	100	164,523	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	7	8	1,272	12	4,171	10	17,592	11	<b>2.7</b>	2.7	.08	2.8	-.01	2.7	.05
		2	Some	23	31	3,420	30	12,635	29	49,722	30							
		3	Quite a bit	35	42	4,259	37	16,555	38	61,054	37							
		4	Very much	16	20	2,432	21	10,223	24	35,637	22							
		Total		81	100	11,383	100	43,584	100	164,005	100							
c. Thinking critically and analytically	pgthink	1	Very little	4	5	393	4	1,413	4	5,349	4	<b>2.9</b>	3.1	-.16	3.1	-.22	3.1	-.20
		2	Some	15	20	2,301	21	7,975	18	30,570	19							
		3	Quite a bit	43	54	4,870	42	18,893	43	70,881	43							
		4	Very much	18	21	3,818	33	15,293	35	57,245	35							
		Total		80	100	11,382	100	43,574	100	164,045	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	7	9	1,330	11	6,490	14	23,609	14	<b>2.7</b>	2.7	-.03	2.6	.05	2.6	.03
		2	Some	28	35	3,598	31	14,099	32	51,882	31							
		3	Quite a bit	30	40	3,986	35	14,294	33	54,923	34							
		4	Very much	14	17	2,468	22	8,648	21	33,443	21							
		Total		79	100	11,382	100	43,531	100	163,857	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	13	15	1,636	14	5,752	14	21,812	14	<b>2.5</b>	2.6	-.05	2.6	-.08	2.6	-.07	
		2	Some	24	31	3,692	32	13,693	31	51,744	31								
		3	Quite a bit	30	37	3,723	33	14,577	33	55,010	33								
		4	Very much	13	17	2,328	20	9,529	22	35,398	21								
		Total		80	100	11,379	100	43,551	100	163,964	100								
f. Working effectively with others	pgothers	1	Very little	7	7	787	8	2,804	7	10,909	7	<b>2.7</b>	2.8	-.14	2.9	-.16	2.8	-.14	
		2	Some	23	31	3,059	27	11,327	27	44,087	27								
		3	Quite a bit	37	46	4,428	39	17,512	39	65,592	39								
		4	Very much	13	17	3,091	27	11,852	27	43,135	26								
		Total		80	100	11,365	100	43,495	100	163,723	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	10	12	1,398	13	4,682	12	18,567	13	<b>2.6</b>	2.7	-.03	2.7	-.09	2.7	-.06	
		2	Some	23	31	3,247	29	11,984	28	45,927	28								
		3	Quite a bit	32	39	4,030	35	15,879	36	58,660	35								
		4	Very much	15	19	2,679	23	11,002	25	40,638	24								
		Total		80	100	11,354	100	43,547	100	163,792	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	5	5	1,081	10	4,363	11	16,733	11	<b>2.7</b>	2.8	-.08	2.8	-.06	2.8	-.04	
		2	Some	26	33	2,975	27	12,121	28	46,095	28								
		3	Quite a bit	36	46	4,174	36	15,339	35	57,923	35								
		4	Very much	13	16	3,124	27	11,725	27	43,098	26								
		Total		80	100	11,354	100	43,548	100	163,849	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	9	11	1,406	13	5,177	12	19,529	12	<b>2.5</b>	2.6	-.10	2.6	-.12	2.6	-.11	
		2	Some	29	37	3,738	33	14,320	33	53,636	33								
		3	Quite a bit	34	43	3,838	33	15,014	34	56,706	34								
		4	Very much	8	10	2,360	21	8,973	21	33,842	21								
		Total		80	100	11,342	100	43,484	100	163,713	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	11	13	1,367	13	5,423	13	20,753	13	<b>2.6</b>	2.7	-.08	2.6	-.07	2.6	-.05	
		2	Some	23	28	3,555	31	13,588	31	52,019	32								
		3	Quite a bit	36	48	3,895	34	14,912	34	55,561	34								
		4	Very much	9	11	2,505	22	9,410	22	34,772	21								
		Total		79	100	11,322	100	43,333	100	163,105	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	2	3	190	2	811	2	2,892	2	<b>3.1</b>	3.2	-.16	3.2	-.15	3.2	-.15	
		2	Fair	12	16	1,383	12	5,215	13	19,035	12								
		3	Good	42	52	5,654	49	21,364	49	79,741	49								
		4	Excellent	24	30	4,185	37	16,325	37	62,922	37								
			Total	80	100	11,412	100	43,715	100	164,590	100								
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	4	5	383	3	1,701	4	6,153	4	<b>3.1</b>	3.2	-.12	3.2	-.09	3.2	-.10	
		2	Probably no	11	14	1,416	12	5,566	13	20,006	12								
		3	Probably yes	36	45	4,798	43	18,162	42	67,956	42								
		4	Definitely yes	29	37	4,824	42	18,333	41	70,672	42								
			Total	80	100	11,421	100	43,762	100	164,787	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>1. During the current school year, about how often have you done the following?</b>																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	12	3	727	4	1,447	2	5,907	2	<b>3.1</b>	3.0	.10	3.2 *	-.13	3.2	-.04	
		2	Sometimes	86	24	6,183	27	15,303	20	61,196	23								
		3	Often	115	32	7,331	32	23,811	31	84,871	31								
		4	Very often	156	42	8,885	37	36,312	47	120,679	43								
		Total		369	100	23,126	100	76,873	100	272,653	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	79	22	4,498	20	14,478	19	54,933	20	<b>2.4</b>	2.5	-.08	2.5 *	-.11	2.5	-.06	
		2	Sometimes	132	37	7,719	33	25,805	33	94,096	34								
		3	Often	84	22	6,052	26	19,762	26	68,264	25								
		4	Very often	71	19	4,628	20	16,197	21	53,044	20								
		Total		366	100	22,897	100	76,242	100	270,337	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	16	5	1,566	7	4,439	6	17,141	7	<b>3.1</b>	3.0 **	.15	3.0	.06	3.0 *	.13	
		2	Often	40	11	3,261	14	9,381	12	37,031	14								
		3	Sometimes	195	54	12,274	53	40,721	53	146,168	54								
		4	Never	108	30	5,689	25	21,325	28	68,748	26								
		Total		359	100	22,790	100	75,866	100	269,088	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	157	44	10,762	48	33,621	46	112,564	44	<b>1.9</b>	1.8	.10	1.8	.05	1.8	.03	
		2	Sometimes	127	35	7,794	34	26,806	35	98,117	36								
		3	Often	46	12	2,519	11	8,789	11	34,248	12								
		4	Very often	32	9	1,616	7	6,320	8	22,927	8								
		Total		362	100	22,691	100	75,536	100	267,856	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	60	17	3,083	15	11,604	17	35,833	15	<b>2.4</b>	2.4	-.05	2.4	.03	2.4	-.03	
		2	Sometimes	156	43	9,804	43	33,330	44	116,414	44								
		3	Often	94	26	6,284	27	20,127	26	75,303	27								
		4	Very often	53	14	3,463	15	10,313	13	39,817	14								
		Total		363	100	22,634	100	75,374	100	267,367	100								
f. Explained course material to one or more students	CLexplain	1	Never	37	10	1,341	7	4,936	7	14,677	6	<b>2.7</b>	2.7	-.03	2.7	.01	2.7	-.05	
		2	Sometimes	118	32	8,000	35	27,257	37	93,383	36								
		3	Often	125	35	8,358	36	27,265	35	99,879	37								
		4	Very often	79	23	4,886	22	15,742	21	58,567	22								
		Total		359	100	22,585	100	75,200	100	266,506	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	84	24	4,036	19	15,028	21	47,687	19	<b>2.4</b>	2.5	-.10	2.4	-.03	2.5	-.09	
		2	Sometimes	123	34	7,753	34	25,628	34	91,569	35								
		3	Often	81	23	6,157	27	20,155	26	73,200	27								
		4	Very often	69	19	4,590	20	14,307	18	53,705	20								
		Total		357	100	22,536	100	75,118	100	266,161	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	36	11	1,731	8	6,611	10	17,858	7	<b>2.8</b>	2.8	.00	2.8	.06	2.9	-.04	
		2	Sometimes	88	24	6,469	29	22,002	30	75,765	29								
		3	Often	131	38	7,760	34	25,453	33	92,710	34								
		4	Very often	101	28	6,522	29	20,837	27	79,075	30								
		Total		356	100	22,482	100	74,903	100	265,408	100								
i. Given a course presentation	present	1	Never	65	19	3,202	16	8,616	13	28,498	12	<b>2.4</b>	2.6 *	-.13	2.7 ***	-.27	2.7 ***	-.26	
		2	Sometimes	128	36	7,308	33	21,432	29	80,043	31								
		3	Often	99	28	6,708	29	23,914	31	85,570	31								
		4	Very often	64	17	5,165	22	20,625	26	70,252	26								
		Total		356	100	22,383	100	74,587	100	264,363	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	15	5	845	4	2,447	4	8,049	3	<b>2.9</b>	2.9	-.02	3.0	-.07	3.0	-.07	
		2	Sometimes	96	28	5,855	28	18,407	26	66,090	26								
		3	Often	132	38	8,457	38	29,205	39	103,335	39								
		4	Very often	105	29	6,745	30	23,270	31	82,143	31								
		Total		348	100	21,902	100	73,329	100	259,617	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	20	6	1,593	8	3,809	6	14,687	6	<b>2.8</b>	2.8	.05	2.9	-.07	2.9	-.03	
		2	Sometimes	110	32	6,658	31	20,385	29	75,381	30								
		3	Often	116	34	7,706	35	27,253	37	94,302	36								
		4	Very often	100	28	5,789	26	21,305	29	73,344	28								
		Total		346	100	21,746	100	72,752	100	257,714	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	49	15	3,011	15	6,435	10	26,241	11	<b>2.6</b>	2.6	.06	2.7	-.11	2.7	-.05	
		2	Sometimes	105	31	7,398	34	23,760	33	86,046	34								
		3	Often	107	30	6,481	29	24,009	32	82,511	31								
		4	Very often	85	23	4,826	21	18,463	25	62,542	24								
		Total		346	100	21,716	100	72,667	100	257,340	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	15	5	1,122	6	2,927	4	11,103	5	<b>2.9</b>	2.8	.04	2.9	-.05	2.9	-.02	
		2	Sometimes	106	31	6,566	31	20,171	28	73,751	29								
		3	Often	134	39	8,672	40	30,339	42	106,141	41								
		4	Very often	90	26	5,301	24	19,037	26	65,615	25								
		Total		345	100	21,661	100	72,474	100	256,610	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	19	6	778	4	2,070	3	7,864	3	<b>2.9</b>	2.9	-.06	3.0 *	-0.13	3.0 *	-0.11	
		2	Sometimes	87	26	5,741	27	17,675	25	64,651	26								
		3	Often	148	43	8,840	41	30,828	42	107,665	42								
		4	Very often	91	25	6,230	28	21,701	30	75,630	29								
		Total		345	100	21,589	100	72,274	100	255,810	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	5	2	528	3	1,437	2	5,323	2	<b>2.9</b>	2.9	-.03	3.0	-.10	3.0	-.08	
		2	Sometimes	105	31	6,184	29	18,952	27	68,748	28								
		3	Often	147	43	8,814	41	30,652	42	107,733	42								
		4	Very often	86	24	5,979	27	21,081	29	73,348	28								
		Total		343	100	21,505	100	72,122	100	255,152	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	2	1	271	1	717	1	2,505	1	<b>3.2</b>	3.2	.06	3.2	-.02	3.2	.01	
		2	Sometimes	51	15	3,555	17	10,492	15	38,441	16								
		3	Often	154	45	9,139	43	30,478	42	108,531	42								
		4	Very often	136	40	8,460	39	30,166	42	104,680	41								
		Total		343	100	21,425	100	71,853	100	254,157	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	62	18	4,517	23	12,454	19	43,492	19	<b>2.5</b>	2.3 ***	.20	2.4	.08	2.4	.10	
		2	Sometimes	119	35	8,453	40	27,316	39	98,558	40								
		3	Often	96	28	5,047	22	18,095	24	64,228	24								
		4	Very often	69	19	3,435	15	14,001	18	48,101	17								
		Total		346	100	21,452	100	71,866	100	254,379	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	159	46	10,029	49	31,633	46	107,626	45	<b>1.9</b>	1.9	.04	1.9	-.01	1.9	-.03	
		2	Sometimes	100	29	5,816	27	20,276	27	74,158	28								
		3	Often	54	16	3,231	15	11,120	15	41,004	15								
		4	Very often	35	10	2,320	10	8,598	12	30,753	11								
		Total		348	100	21,396	100	71,627	100	253,541	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	111	32	6,636	32	19,481	29	65,421	28	<b>2.1</b>	2.1	.05	2.2	-.05	2.2	-.05	
		2	Sometimes	126	37	8,169	38	27,392	38	100,046	39								
		3	Often	66	19	4,166	19	15,394	21	55,306	21								
		4	Very often	43	13	2,398	11	9,276	12	32,497	12								
		Total		346	100	21,369	100	71,543	100	253,270	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	77	22	5,434	27	15,692	23	56,222	24	<b>2.3</b>	2.1 *** △	.20	2.2	.10	2.2 *	.13 △	
		2	Sometimes	135	40	9,108	43	30,399	43	110,290	44								
		3	Often	81	23	4,465	20	16,145	22	55,581	21								
		4	Very often	54	15	2,325	10	9,184	12	30,696	11								
		Total		347	100	21,332	100	71,420	100	252,789	100								
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																			
a. Memorizing course material	memorize	1	Very little	30	8	1,778	9	6,487	9	22,939	9	<b>2.7</b>	2.8	-.08	2.7	-.05	2.7	-.05	
		2	Some	121	35	6,362	30	22,137	31	78,252	31								
		3	Quite a bit	123	36	8,241	38	26,679	37	94,870	37								
		4	Very much	73	21	4,985	23	16,295	23	57,431	23								
		Total		347	100	21,366	100	71,598	100	253,492	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	8	2	666	3	1,859	3	6,716	3	<b>3.2</b>	3.1	.09	3.1	.05	3.1	.06	
		2	Some	52	15	3,906	19	12,466	18	45,153	18								
		3	Quite a bit	159	45	9,053	42	30,474	43	108,416	43								
		4	Very much	129	37	7,671	36	26,546	37	92,271	36								
		Total		348	100	21,296	100	71,345	100	252,556	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	14	4	767	4	2,243	3	8,369	4	<b>3.1</b>	3.1	.02	3.1	-.02	3.1	.00	
		2	Some	68	20	4,285	20	13,458	19	49,312	20								
		3	Quite a bit	139	40	8,657	40	29,052	41	102,813	41								
		4	Very much	124	36	7,516	35	26,333	37	91,224	36								
		Total		345	100	21,225	100	71,086	100	251,718	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	14	4	1,174	6	2,916	4	12,390	5	<b>3.0</b>	2.9	.03	3.0	-.07	3.0	.00	
		2	Some	87	26	4,912	24	14,954	21	57,106	23								
		3	Quite a bit	135	39	8,662	40	29,697	41	103,112	41								
		4	Very much	108	31	6,462	30	23,510	33	79,015	31								
		Total		344	100	21,210	100	71,077	100	251,623	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	10	3	971	5	2,746	4	10,689	5	<b>3.0</b>	3.0	.09	3.0	.04	3.0	.08	
		2	Some	78	23	4,931	23	15,376	22	57,449	23								
		3	Quite a bit	140	41	8,764	41	29,969	42	105,002	42								
		4	Very much	115	33	6,517	30	22,846	32	77,974	31								
		Total		343	100	21,183	100	70,937	100	251,114	100								
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	5	1	546	3	1,471	2	5,378	2	<b>3.2</b>	3.2	.03	3.2	-.01	3.2	.03	
		2	Some	60	18	3,479	17	10,993	16	40,996	17								
		3	Quite a bit	138	40	8,834	41	29,821	41	108,845	43								
		4	Very much	142	41	8,444	39	29,120	41	97,539	38								
		Total		345	100	21,303	100	71,405	100	252,758	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	9	3	725	4	2,062	3	7,118	3	<b>3.2</b>	3.1	.05	3.1	.01	3.1	.04	
		2	Some	56	17	3,799	18	11,878	17	43,689	18								
		3	Quite a bit	147	44	8,937	42	30,659	43	111,288	44								
		4	Very much	132	37	7,789	36	26,657	38	90,079	36								
		Total		344	100	21,250	100	71,256	100	252,174	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	9	3	847	4	2,390	4	8,330	4	<b>3.2</b>	3.1	.07	3.2	.02	3.1	.05	
		2	Some	59	18	3,919	19	12,408	18	44,737	18								
		3	Quite a bit	129	39	8,099	38	27,759	39	100,480	40								
		4	Very much	147	41	8,359	39	28,582	40	98,198	38								
		Total		344	100	21,224	100	71,139	100	251,745	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	36	10	2,434	12	6,479	10	25,326	11	<b>2.8</b>	2.7	.10	2.9	-.01	2.8	.06	
		2	Some	85	25	6,054	29	18,402	26	68,700	28								
		3	Quite a bit	114	33	6,609	31	23,922	33	84,373	33								
		4	Very much	110	31	6,110	28	22,277	31	73,214	28								
		Total		345	100	21,207	100	71,080	100	251,613	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	32	9	1,846	9	4,554	7	17,240	7	<b>2.8</b>	2.8	.01	2.9	-.10	2.9	-.04	
		2	Some	89	27	5,612	27	17,493	25	65,806	27								
		3	Quite a bit	119	35	7,649	36	27,075	38	96,167	38								
		4	Very much	104	29	6,040	28	21,733	31	71,544	28								
		Total		344	100	21,147	100	70,855	100	250,757	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	53	14	2,530	12	9,026	12	31,036	12	<b>2.6</b>	2.7	-.07	2.6	-.05	2.7	-.07	
		2	Sometimes	107	31	6,867	32	23,871	33	82,999	32								
		3	Often	122	36	7,322	35	23,836	34	84,573	34								
		4	Very often	62	19	4,526	22	14,527	21	53,679	22								
		Total		344	100	21,245	100	71,260	100	252,287	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	69	20	4,009	19	12,844	18	46,398	18	<b>2.4</b>	2.4	-.07	2.4	-.08	2.4	-.08	
		2	Sometimes	134	38	7,587	36	26,384	37	92,775	36								
		3	Often	93	28	6,026	28	20,068	28	70,238	28								
		4	Very often	48	14	3,585	17	11,832	17	42,467	17								
		Total		344	100	21,207	100	71,128	100	251,878	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	72	20	3,778	18	12,661	18	42,850	17	<b>2.3</b>	2.4	-.09	2.4	-.08	2.4 *	-0.11	
		2	Sometimes	134	39	8,071	38	27,405	38	96,082	38								
		3	Often	92	27	6,098	29	20,243	29	73,244	29								
		4	Very often	46	13	3,224	15	10,687	15	39,214	16								
		Total		344	100	21,171	100	70,996	100	251,390	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)</b>																			
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	19	6	1,489	8	2,906	5	11,654	6	<b>6.3</b>	6.5	-.02	8.1 ***	-.26	7.9 ***	-.22	
		1.5	1-2	74	24	4,350	23	10,926	17	40,915	18								
		4	3-5	98	32	5,718	29	18,111	28	64,325	28								
		8	6-10	64	21	3,848	20	14,842	23	51,673	22								
		13	11-15	21	7	1,752	9	7,494	11	25,984	11								
		18	16-20	9	3	891	4	4,366	6	14,685	6								
		23	More than 20	21	7	1,249	6	6,828	10	22,767	10								
Total		306	100	19,297	100	65,473	100	232,003	100										
b. Between 6 and 10 pages	wrmednum <i>(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	106	35	5,336	29	11,795	19	45,443	21	<b>2.3</b>	3.0 **	-.17	3.9 ***	-.34	3.7 ***	-.31	
		1.5	1-2	105	36	6,673	35	22,061	34	79,450	34								
		4	3-5	58	19	4,088	21	17,428	27	60,530	25								
		8	6-10	26	8	1,871	10	8,539	13	27,965	12								
		13	11-15	2	1	559	3	2,779	4	9,015	4								
		18	16-20	0	0	219	1	1,193	2	3,743	2								
		23	More than 20	3	1	214	1	1,093	2	3,409	2								
Total		300	100	18,960	100	64,888	100	229,555	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. 11 pages or more	wrlongnum	0	None	203	68	9,702	52	26,863	43	96,246	44	<b>1.5</b>	1.8	-0.10	2.1 **	-0.16	2.0 **	-0.15	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	61	21	5,817	31	24,095	37	85,196	36								
		4	3-5	14	5	1,771	9	7,764	12	27,244	12								
		8	6-10	8	3	660	4	2,584	4	8,916	4								
		13	11-15	2	1	375	2	1,130	2	3,939	2								
		18	16-20	1	0	153	1	583	1	1,876	1								
		23	More than 20	6	3	233	1	774	1	2,596	1								
		Total			295	100	18,711	100	63,793	100	226,013	100							
Estimated number of assigned pages of student writing.	wpages											<b>57.4</b>	68.0 *	-0.12	83.3 ***	-0.29	80.9 ***	-0.26	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	16	5	1,048	6	3,337	5	11,427	5	<b>3.1</b>	3.2	-0.03	3.1	.05	3.1	.03	
		2	Sometimes	65	21	3,857	19	15,538	23	55,205	22								
		3	Often	93	29	5,663	28	19,551	29	68,869	29								
		4	Very often	139	45	9,263	47	28,843	43	102,375	44								
			Total	313	100	19,831	100	67,269	100	237,876	100								
b. People from an economic background other than your own	DDeconomic	1	Never	15	5	994	5	2,933	5	9,687	4	<b>3.2</b>	3.1	.05	3.1	.08	3.1	.07	
		2	Sometimes	52	16	4,034	21	14,776	22	51,955	22								
		3	Often	119	37	6,258	31	22,421	33	79,914	33								
		4	Very often	127	42	8,475	43	26,944	40	95,623	41								
			Total	313	100	19,761	100	67,074	100	237,179	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	19	6	1,269	7	4,019	6	14,533	6	<b>3.0</b>	3.1	-0.03	3.0	.02	3.0	.01	
		2	Sometimes	76	24	4,480	22	16,928	25	60,395	25								
		3	Often	95	30	5,820	29	20,318	30	71,035	30								
		4	Very often	123	40	8,184	42	25,731	39	90,938	39								
			Total	313	100	19,753	100	66,996	100	236,901	100								
d. People with political views other than your own	DDpolitical	1	Never	17	6	1,232	7	3,842	6	13,065	6	<b>3.1</b>	3.1	.03	3.0	.07	3.0	.06	
		2	Sometimes	60	19	4,365	22	16,145	24	58,515	24								
		3	Often	112	36	6,067	30	21,448	32	75,431	32								
		4	Very often	120	39	8,010	41	25,280	38	89,012	38								
			Total	309	100	19,674	100	66,715	100	236,023	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	11	4	428	2	1,181	2	4,754	2	<b>3.1</b>	3.2	-.10	3.2 **	-.18	3.2 *	-.14	
		2	Sometimes	59	20	3,315	17	10,060	15	37,998	16								
		3	Often	120	38	7,978	40	26,616	40	93,714	40								
		4	Very often	120	38	7,974	40	29,034	43	100,092	42								
		Total		310	100	19,695	100	66,891	100	236,558	100								
b. Reviewed your notes after class	LSnotes	1	Never	27	9	1,179	6	4,481	7	17,184	7	<b>2.9</b>	2.9	-.03	2.9	-.03	2.9	.02	
		2	Sometimes	76	26	5,449	28	18,423	27	70,192	29								
		3	Often	96	31	6,329	32	21,280	32	73,695	31								
		4	Very often	109	34	6,703	34	22,510	34	74,833	32								
		Total		308	100	19,660	100	66,694	100	235,904	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	22	7	1,301	7	4,017	6	15,623	7	<b>2.9</b>	2.9	-.02	2.9	-.06	2.9	-.01	
		2	Sometimes	81	28	5,203	27	17,276	26	65,511	28								
		3	Often	110	36	6,873	35	23,490	36	82,164	35								
		4	Very often	95	30	6,120	31	21,352	32	70,656	30								
		Total		308	100	19,497	100	66,135	100	233,954	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
challenge		1	Not at all	1	0	143	1	444	1	1,461	1	<b>5.8</b>	5.7 *	.12	5.7	.10	5.7 **	.15	
		2		2	1	231	1	779	1	2,840	1								
		3		5	2	583	3	1,786	3	6,694	3								
		4		23	8	1,662	9	5,146	8	19,780	9								
		5		80	26	5,150	26	17,507	26	65,452	27								
		6		85	28	5,664	29	20,353	30	72,418	30								
		7	Very much	113	35	6,218	31	20,660	31	67,100	29								
		Total		309	100	19,651	100	66,675	100	235,745	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		38	12	1,966	10	5,922	10	18,516	9	<b>37%</b>	41%	-.07	47% ***	-.19	50% ***	-.26	
		Do not plan to do		60	20	3,678	19	12,637	20	40,950	18								
		Plan to do		96	30	5,717	29	15,169	24	51,414	23								
		Done or in progress		115	37	8,247	41	32,934	47	124,813	50								
		Total		309	100	19,608	100	66,662	100	235,693	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
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	46	15	2,394	13	7,602	12	23,772	11	<b>31%</b>	30%	.03	32%	-.01	35%	-.08		
			Do not plan to do	149	48	9,063	47	31,012	48	104,192	46									
			Plan to do	17	6	1,968	10	5,240	8	17,668	8									
			Done or in progress	96	31	6,120	30	22,623	32	89,452	35									
			Total	308	100	19,545	100	66,477	100	235,084	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	35	11	2,893	15	9,115	14	29,171	13	<b>21%</b>	22%	-.02	23%	-.06	24%	-.08		
			Do not plan to do	173	57	9,937	52	34,227	52	124,126	53									
			Plan to do	34	11	2,292	12	6,490	10	21,076	9									
			Done or in progress	66	21	4,382	22	16,456	23	60,160	24									
			Total	308	100	19,504	100	66,288	100	234,533	100									
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	44	14	2,704	14	7,988	13	25,997	12	<b>8%</b>	10%	-.04	11%	-.10	14% **	▽		
			Do not plan to do	207	68	12,774	66	45,188	68	155,304	67									
			Plan to do	30	10	1,946	10	4,698	7	16,294	7									
			Done or in progress	27	8	2,055	10	8,417	11	36,864	14									
			Total	308	100	19,479	100	66,291	100	234,459	100									
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	47	15	3,276	17	10,353	16	33,132	15	<b>14%</b>	20% *	▽	-.14	21% **	▽	-.18	24% ***	-0.24
			Do not plan to do	167	55	9,116	47	33,367	50	113,677	49									
			Plan to do	47	15	3,050	16	7,877	13	27,701	13									
			Done or in progress	44	14	3,978	20	14,447	21	59,043	24									
			Total	305	100	19,420	100	66,044	100	233,553	100									
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	36	11	2,240	12	6,104	10	19,866	9	<b>29%</b>	36% *	▽	-.14	46% ***	▽	-.34	46% ***	-0.34
			Do not plan to do	94	30	4,363	23	12,733	19	46,865	21									
			Plan to do	86	29	5,640	30	15,789	25	53,272	24									
			Done or in progress	88	29	7,223	36	31,584	46	114,258	46									
			Total	304	100	19,466	100	66,210	100	234,261	100									

#### 12. About how many of your courses at this institution have included a community-based project (service-learning)?

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
	servcourse		1 None	90	30	7,978	43	22,888	37	85,721	39	<b>1.9</b>	1.7 ***	.25	1.8 **	.18	1.7 ***	.23	
			2 Some	160	53	8,918	45	34,511	51	119,997	49								
			3 Most	40	12	2,104	10	7,372	11	23,924	10								
			4 All	14	4	451	2	1,424	2	4,454	2								
			Total	304	100	19,451	100	66,195	100	234,096	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	Q1student	1	Poor	5	2	260	1	754	1	2,607	1	<b>5.8</b>	5.6	.08	5.7	.05	5.7	.07	
		2		5	2	323	2	1,017	2	3,539	2								
		3		8	3	831	4	2,393	4	8,804	4								
		4		20	6	1,825	9	5,834	9	20,717	9								
		5		73	24	4,259	22	14,641	22	53,195	23								
		6		79	26	5,236	26	19,034	28	68,830	29								
		7	Excellent	111	36	6,458	33	22,143	33	75,035	32								
		—	Not applicable	5	2	349	2	723	1	2,502	1								
			Total	306	100	19,541	100	66,539	100	235,229	100								
b. Academic advisors	Q1advisor	1	Poor	4	1	998	5	3,256	5	11,012	5	<b>5.7</b>	5.2 ***	.31	5.3 ***	.26	5.2 ***	.28	
		2		7	2	974	5	3,183	5	11,595	5								
		3		20	7	1,535	8	4,469	7	16,558	7								
		4		17	5	2,364	12	7,201	11	26,751	12								
		5		62	21	3,441	17	11,250	17	41,026	17								
		6		69	23	3,818	19	13,685	20	48,912	20								
		7	Excellent	125	40	6,133	31	22,292	33	75,756	32								
		—	Not applicable	1	0	264	1	1,068	2	3,215	2								
			Total	305	100	19,527	100	66,404	100	234,825	100								
c. Faculty	Q1faculty	1	Poor	1	0	374	2	992	2	3,449	2	<b>5.9</b>	5.5 ***	.28	5.6 ***	.21	5.5 ***	.26	
		2		6	2	506	3	1,306	2	4,818	2								
		3		9	3	945	5	2,689	4	9,975	5								
		4		13	4	2,013	10	6,268	10	23,452	10								
		5		58	18	4,115	21	13,837	21	51,228	22								
		6		104	34	5,426	28	19,908	30	70,926	30								
		7	Excellent	112	37	5,869	30	20,502	31	68,087	29								
		—	Not applicable	1	0	201	1	583	1	1,743	1								
			Total	304	100	19,449	100	66,085	100	233,678	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public	Carnegie Class	NSSE 2015 & 2016		WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	4	1	1,018	5	3,342	5	11,431	5	<b>5.4</b>	4.9 ***	.31	4.9 ***	.28	4.9 ***	.31
		2		10	3	884	5	2,947	4	10,817	5							
		3		16	5	1,299	7	4,243	6	16,243	7							
		4		37	12	2,274	12	7,744	11	29,499	12							
		5		60	18	3,330	17	11,308	17	42,613	18							
		6		60	21	3,283	17	11,878	17	42,348	18							
		7	Excellent	81	27	3,561	18	12,096	18	40,567	17							
		—	Not applicable	38	12	3,780	20	12,636	20	40,606	19							
	Total			306	100	19,429	100	66,194	100	234,124	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	6	2	1,081	6	3,478	6	12,455	6	<b>5.4</b>	4.9 ***	.28	5.0 ***	.24	4.9 ***	.29
		2		18	6	1,039	6	3,524	5	12,896	6							
		3		18	6	1,549	8	5,226	8	19,354	8							
		4		31	10	2,802	14	9,240	14	34,694	15							
		5		58	18	3,863	20	13,456	20	49,243	20							
		6		71	24	3,901	19	14,164	21	48,149	20							
		7	Excellent	93	30	4,137	21	14,182	22	45,998	20							
		—	Not applicable	10	3	1,106	6	3,064	5	11,790	6							
	Total			305	100	19,478	100	66,334	100	234,579	100							
<b>14. How much does your institution emphasize the following?</b>																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	4	1	389	2	1,330	2	4,382	2	<b>3.1</b>	3.2 *	-.13	3.2 *	-.12	3.2 *	-.13
		2	Some	59	21	3,074	16	10,413	17	36,184	16							
		3	Quite a bit	142	49	8,055	43	28,388	45	99,066	44							
		4	Very much	89	29	7,053	38	23,509	37	85,493	37							
			Total			294	100	18,571	100	63,640	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	10	3	927	5	3,100	5	10,638	5	<b>3.1</b>	3.0 **	.15	3.0 *	.14	3.0 **	.16
		2	Some	49	18	4,231	24	13,945	23	50,511	24							
		3	Quite a bit	130	45	7,550	41	26,087	41	93,420	42							
		4	Very much	98	34	5,719	30	20,002	31	68,796	30							
			Total			287	100	18,427	100	63,134	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	20	6	1,654	9	5,356	9	17,971	8	<b>2.9</b>	2.9	.06	2.9	.05	2.9	.06
		2	Some	57	21	4,332	24	14,714	24	53,375	24							
		3	Quite a bit	131	46	6,656	36	23,207	37	83,643	37							
		4	Very much	82	27	5,792	31	19,903	31	68,449	30							
			Total			290	100	18,434	100	63,180	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	27	10	2,775	16	9,554	16	34,804	16	<b>2.7</b>	2.6	.04	2.6	.06	2.6	.08	
		2	Some	85	31	5,364	29	19,085	30	69,402	31								
		3	Quite a bit	118	41	5,726	31	19,645	31	68,758	31								
		4	Very much	56	19	4,575	25	14,900	23	50,527	23								
		Total		286	100	18,440	100	63,184	100	223,491	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	16	6	1,575	9	5,808	10	18,399	9	<b>3.0</b>	2.9 **	.15	2.8 ***	.20	2.8 **	.18	
		2	Some	54	20	4,551	25	15,947	26	56,215	26								
		3	Quite a bit	117	41	6,763	37	23,417	37	84,214	37								
		4	Very much	100	33	5,514	29	17,966	28	64,436	28								
		Total		287	100	18,403	100	63,138	100	223,264	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	28	11	2,211	12	7,948	13	25,383	12	<b>2.8</b>	2.8	.06	2.7	.11	2.7	.08	
		2	Some	61	22	4,752	26	16,608	27	58,754	27								
		3	Quite a bit	123	42	6,347	35	22,134	35	80,063	35								
		4	Very much	75	26	5,043	27	16,289	25	58,574	26								
		Total		287	100	18,353	100	62,979	100	222,774	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	78	28	6,087	34	20,913	34	74,122	34	<b>2.2</b>	2.1	.05	2.1	.07	2.1	.08	
		2	Some	107	38	6,054	33	21,001	33	76,028	34								
		3	Quite a bit	65	23	3,855	21	13,088	20	46,170	20								
		4	Very much	35	12	2,382	13	7,982	12	26,400	12								
		Total		285	100	18,378	100	62,984	100	222,720	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	28	10	2,549	14	11,212	19	32,393	16	<b>2.7</b>	2.7	.02	2.5 ***	.17	2.6	.08	
		2	Some	86	31	5,082	28	17,771	29	61,863	28								
		3	Quite a bit	105	37	6,090	33	20,580	32	76,264	34								
		4	Very much	66	22	4,609	25	13,281	20	51,636	23								
		Total		285	100	18,330	100	62,844	100	222,156	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	43	15	3,712	21	13,220	22	43,148	21	<b>2.5</b>	2.4 *	.13	2.4 *	.15	2.4 *	.13	
		2	Some	93	33	6,414	35	21,070	34	77,161	35								
		3	Quite a bit	102	36	5,046	28	18,097	28	65,062	29								
		4	Very much	48	16	3,104	17	10,298	16	36,301	16								
		Total		286	100	18,276	100	62,685	100	221,672	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	76	0	265	0	828	0	<b>14.3</b>	14.5	-.03	14.5	-.02	14.9	-.07	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	48	16	2,808	15	8,991	14	30,221	14								
	8	6-10 hrs	60	22	4,529	25	15,244	24	51,992	23									
	13	11-15 hrs	66	23	3,531	19	12,718	20	44,699	20									
	18	16-20 hrs	53	18	3,044	16	10,946	17	39,006	17									
	23	21-25 hrs	23	8	1,782	10	6,430	10	23,390	10									
	28	26-30 hrs	15	5	1,117	6	3,834	6	14,309	6									
	33	More than 30 hrs	21	8	1,504	8	4,594	7	18,387	8									
	Total			286	100	18,391	100	63,022	100	222,832	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcoccrrhrs	0	0 hrs	139	48	8,605	48	29,267	49	93,510	45	<b>4.1</b>	4.1	.00	4.3	-.03	4.7	-.08	
	(Recorded version of tmcoccurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	83	29	5,055	27	16,757	26	62,782	27								
	8	6-10 hrs	30	11	2,140	11	7,197	11	28,957	12									
	13	11-15 hrs	11	4	1,136	6	3,883	6	15,698	7									
	18	16-20 hrs	12	4	703	4	2,646	4	10,165	4									
	23	21-25 hrs	5	2	321	2	1,339	2	5,011	2									
	28	26-30 hrs	1	0	128	1	656	1	2,265	1									
	33	More than 30 hrs	5	2	211	1	947	1	3,317	1									
	Total			286	100	18,299	100	62,692	100	221,705	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	219	75	13,830	77	46,103	75	153,098	72	<b>3.5</b>	3.7	-.02	3.2	.04	3.7	-.03	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	15	6	436	2	2,870	4	11,583	4								
	8	6-10 hrs	15	5	780	4	4,736	7	20,130	8									
	13	11-15 hrs	7	3	954	5	3,612	5	14,754	6									
	18	16-20 hrs	16	6	1,436	7	3,351	5	13,718	6									
	23	21-25 hrs	6	3	427	2	973	2	4,175	2									
	28	26-30 hrs	0	0	154	1	402	1	1,663	1									
	33	More than 30 hrs	8	3	292	2	749	1	2,881	1									
	Total			286	100	18,309	100	62,796	100	222,002	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	98	34	7,669	41	23,805	37	96,262	42	<b>16.0</b>	13.5 **	.18	14.2 *	.13	12.6 ***	.25	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	4	783	4	2,961	4	11,305	5								
	8	6-10 hrs	13	4	944	5	4,068	6	14,156	6									
	13	11-15 hrs	13	4	1,004	5	4,157	6	14,275	6									
	18	16-20 hrs	24	9	1,594	9	5,764	9	19,117	9									
	23	21-25 hrs	24	9	1,257	7	4,497	7	14,782	7									
	28	26-30 hrs	18	6	1,026	5	3,479	6	10,894	5									
	33	More than 30 hrs	83	30	3,976	23	13,849	24	40,338	20									
	Total			285	100	18,253	100	62,580	100	221,129	100								
Estimated number of hours working for pay	tmworkhrs											<b>19.5</b>	17.1 **	.17	17.4 **	.16	16.2 ***	.24	
	(Continuous variable created by NSSE)												△		△		△		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	155	56	8,634	49	29,770	48	104,735	49	<b>2.9</b>	3.3	-.07	3.3	-.08	3.2	-.06	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	98	34	6,400	34	21,976	34	79,687	35								
	8	6-10 hrs	12	4	1,595	8	5,320	9	18,441	8									
	13	11-15 hrs	6	2	692	4	2,309	4	7,810	4									
	18	16-20 hrs	3	1	437	2	1,514	2	4,884	2									
	23	21-25 hrs	2	1	185	1	579	1	2,068	1									
	28	26-30 hrs	0	0	74	0	287	0	972	0									
	33	More than 30 hrs	8	3	186	1	628	1	1,992	1									
	Total			284	100	18,203	100	62,383	100	220,589	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	8	3	713	4	2,147	4	6,609	3	<b>9.9</b>	9.9	.01	10.1	-.02	10.5	-.07	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	107	36	5,790	32	19,219	31	63,510	29								
	8	6-10 hrs	67	24	5,230	28	17,746	28	62,845	28									
	13	11-15 hrs	48	17	2,997	16	10,505	17	39,214	17									
	18	16-20 hrs	22	8	1,763	9	6,371	10	24,479	11									
	23	21-25 hrs	15	6	741	4	2,931	5	10,856	5									
	28	26-30 hrs	4	1	368	2	1,353	2	5,113	2									
	33	More than 30 hrs	12	5	667	4	2,358	4	8,776	4									
	Total			283	100	18,269	100	62,630	100	221,402	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	165	58	10,371	56	36,325	56	139,945	61	<b>8.2</b>	7.8	.03	7.8	.03	6.7	.13	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	32	11	2,050	11	7,322	12	23,908	11								
	8	6-10 hrs	11	4	1,067	6	3,603	6	11,408	5									
	13	11-15 hrs	7	2	736	4	2,331	4	7,472	4									
	18	16-20 hrs	12	5	612	3	2,048	4	6,353	3									
	23	21-25 hrs	5	2	377	2	1,131	2	3,495	2									
	28	26-30 hrs	5	2	269	2	858	1	2,695	1									
	33	More than 30 hrs	49	17	2,752	15	8,942	15	25,911	13									
	Total			286	100	18,234	100	62,560	100	221,187	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	63	23	2,554	14	14,998	23	49,904	21	<b>4.6</b>	5.6 **	-0.16	4.8	-0.04	4.8	-0.04	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	159	54	9,941	53	31,093	49	115,224	51								
	8	6-10 hrs	41	15	3,561	20	10,159	17	35,289	17									
	13	11-15 hrs	6	2	1,173	7	3,322	6	11,239	5									
	18	16-20 hrs	6	2	478	3	1,474	3	4,655	2									
	23	21-25 hrs	3	1	190	1	599	1	1,928	1									
	28	26-30 hrs	1	0	122	1	295	0	1,022	1									
	33	More than 30 hrs	7	2	303	2	892	1	2,819	1									
	Total			286	100	18,322	100	62,832	100	222,080	100								
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
reading	1	Very little	51	19	2,415	14	6,834	11	27,909	13	<b>2.7</b>	2.9 *	-0.15	3.0 ***	-0.22	2.9 **	-0.16		
	2	Some	74	26	4,760	26	15,880	25	58,073	26									
	3	About half	82	29	5,001	27	18,588	30	61,754	28									
	4	Most	49	17	4,148	23	14,931	24	51,392	23									
	5	Almost all	26	9	1,964	10	6,495	10	22,724	10									
		Total			282	100	18,288	100	62,728	100								221,852	100
tmreadinghrs	(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)										<b>6.7</b>	7.2	-0.09	7.5 *	-0.13	7.4	-0.11		

\*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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
	tmreadinghrscol	1	0 hrs	0	0	72	0	254	0	785	0								
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	145	52	8,633	48	27,992	45	100,476	46								
		3	More than 5, up to 10 hrs	73	26	5,241	29	18,707	30	65,603	29								
		4	More than 10, up to 15 hrs	32	11	1,858	10	7,171	11	24,535	11								
		5	More than 15, up to 20 hrs	18	7	1,112	6	4,005	6	14,257	6								
		6	More than 20, up to 25 hrs	7	2	860	5	2,970	5	10,452	5								
		7	More than 25 hrs	6	2	421	2	1,309	2	4,657	2								
		Total			281	100	18,197	100	62,408	100	220,765	100							

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

a. Writing clearly and effectively	pgwrite	1	Very little	16	5	1,206	7	3,249	6	12,522	6	<b>3.1</b>	3.0	.10	3.1	.00	3.0	.04
		2	Some	53	18	3,959	22	12,136	20	45,693	21							
		3	Quite a bit	112	41	6,668	36	23,217	37	81,796	36							
		4	Very much	103	36	6,478	35	24,229	38	82,119	37							
		Total		284	100	18,311	100	62,831	100	222,130	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	13	4	1,563	9	4,661	8	16,882	8	<b>3.0</b>	2.9 *	.12	3.0	.06	2.9	.09
		2	Some	63	22	4,288	24	13,536	22	49,814	23							
		3	Quite a bit	112	41	6,317	34	22,687	36	80,412	36							
		4	Very much	93	32	6,086	33	21,752	34	74,302	33							
		Total		281	100	18,254	100	62,636	100	221,410	100							
c. Thinking critically and analytically	pgthink	1	Very little	4	2	527	3	1,574	3	5,417	3	<b>3.3</b>	3.3	.09	3.3	.05		
		2	Some	25	9	2,458	14	7,828	13	27,420	13							
		3	Quite a bit	126	43	6,593	36	22,474	36	79,372	36							
		4	Very much	128	46	8,692	47	30,743	49	109,173	49							
		Total		283	100	18,270	100	62,619	100	221,382	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	27	9	1,844	10	7,205	11	24,570	11	<b>2.8</b>	2.9	-.06	2.8	.02	2.8	-.02
		2	Some	80	28	4,554	25	17,187	27	59,124	26							
		3	Quite a bit	99	35	5,909	32	19,827	32	69,723	32							
		4	Very much	75	28	5,942	33	18,359	30	67,868	31							
		Total		281	100	18,249	100	62,578	100	221,285	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	19	7	1,754	10	5,088	9	18,970	9	<b>3.1</b>	2.9 **	.18	3.0 *	.13	2.9 **	.15
		2	Some	50	17	4,122	23	13,536	22	49,532	23							
		3	Quite a bit	104	37	5,886	32	20,935	33	73,478	33							
		4	Very much	110	39	6,504	35	23,102	36	79,596	35							
		Total		283	100	18,266	100	62,661	100	221,576	100							
f. Working effectively with others	pgothers	1	Very little	8	3	1,056	6	3,256	6	11,225	6	<b>3.1</b>	3.0 *	.14	3.0 *	.11	3.0	.11
		2	Some	47	17	3,850	22	12,490	21	45,154	21							
		3	Quite a bit	121	43	6,485	35	22,817	36	81,564	36							
		4	Very much	108	38	6,828	37	23,951	37	83,158	37							
		Total		284	100	18,219	100	62,514	100	221,101	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	25	10	2,270	13	6,485	11	24,413	12	<b>2.9</b>	2.8	.08	2.9	.02	2.8	.05
		2	Some	69	25	4,401	25	14,493	24	52,977	25							
		3	Quite a bit	94	34	5,733	31	20,376	32	71,649	32							
		4	Very much	92	32	5,852	31	21,255	33	72,300	32							
		Total		280	100	18,256	100	62,609	100	221,339	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	24	9	1,918	11	6,233	11	23,099	11	<b>2.9</b>	2.8	.01	2.9	.00	2.8	.03
		2	Some	74	27	4,575	25	15,957	26	58,574	26							
		3	Quite a bit	98	35	5,761	31	20,316	32	71,561	32							
		4	Very much	86	30	6,004	32	20,093	32	68,111	31							
		Total		282	100	18,258	100	62,599	100	221,345	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	17	6	1,923	11	6,028	10	21,086	10	<b>3.0</b>	2.8 **	.16	2.8 **	.15	2.8 **	.15
		2	Some	66	23	4,668	26	16,518	27	58,809	27							
		3	Quite a bit	110	39	6,070	33	21,504	34	76,693	34							
		4	Very much	89	32	5,562	30	18,485	29	64,568	29							
		Total		282	100	18,223	100	62,535	100	221,156	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	33	12	2,546	15	7,788	13	29,462	14	<b>2.7</b>	2.7	.04	2.7	.00	2.7	.04
		2	Some	77	28	5,168	29	17,719	28	64,263	29							
		3	Quite a bit	103	35	5,542	30	19,949	31	69,824	31							
		4	Very much	69	25	4,902	26	16,816	27	56,742	26							
		Total		282	100	18,158	100	62,272	100	220,291	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 2016 Frequencies and Statistical Comparisons

## West Texas A&M University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016		WTAMU		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	3	1	433	3	1,446	3	5,118	3	<b>3.5</b>	3.3 ***	.28	3.3 ***	.26	3.3 ***	.27	
		2	Fair	21	8	1,994	12	6,682	11	24,271	12								
		3	Good	97	34	7,944	43	27,367	43	96,565	44								
		4	Excellent	160	56	7,960	42	27,347	43	96,271	42								
			Total	281	100	18,331	100	62,842	100	222,225	100								
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	6	2	803	5	3,029	5	10,499	5	<b>3.4</b>	3.2 ***	.22	3.2 ***	.26	3.2 ***	.25	
		2	Probably no	27	10	2,138	12	8,050	13	28,289	13								
		3	Probably yes	87	31	6,775	37	24,013	38	84,763	38								
		4	Definitely yes	161	57	8,623	46	27,838	44	98,921	44								
			Total	281	100	18,339	100	62,930	100	222,472	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 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>B</sup>

### West Texas A&M University

#### First-Year Students

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	WTAMU	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:		
														Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016
1 a. askquest	116	2.68	2.72	2.91	2.87	.080	.008	.004	.002	.87	.86	.85	.86	12,034	35,706	131,618	.650	.005	.017	-.04	-.26	-.22
b. drafts	115	2.58	2.46	2.59	2.54	.097	.009	.005	.003	1.04	1.00	.98	.99	11,891	35,424	130,410	.191	.947	.643	.12	-.01	.04
c. unpreparedr	115	2.90	2.96	3.07	3.03	.070	.007	.004	.002	.75	.80	.78	.78	11,825	35,195	129,633	.465	.020	.098	-.07	-.22	-.15
d. attendart	114	2.04	1.97	1.94	1.96	.091	.009	.005	.003	.98	.94	.94	.94	11,763	35,032	128,935	.443	.242	.327	.07	.11	.09
e. CLaskhelp	115	2.71	2.63	2.51	2.58	.072	.008	.005	.002	.77	.88	.90	.89	117	115	114	.261	.006	.086	.09	.22	.14
f. CLexplain	115	2.63	2.74	2.64	2.71	.078	.008	.005	.002	.83	.82	.85	.83	11,673	34,734	127,893	.161	.942	.312	-.13	-.01	-.09
g. CLstudy	113	2.43	2.58	2.46	2.54	.094	.009	.005	.003	1.00	.97	.98	.98	11,655	34,691	127,636	.122	.813	.264	-.15	-.02	-.11
h. CLproject	113	2.59	2.66	2.56	2.63	.077	.008	.005	.002	.82	.87	.90	.88	11,604	34,484	126,946	.340	.764	.562	-.09	.03	-.05
i. present	114	2.42	2.19	2.32	2.30	.074	.009	.005	.003	.79	.92	.92	.91	11,561	114	126,414	.008	.179	.157	.25	.11	.13
2 a. RIntegrate	114	2.39	2.61	2.64	2.65	.082	.008	.005	.002	.87	.85	.86	.86	11,212	33,532	123,084	.006	.002	.001	-.26	-.29	-.31
b. RISocietal	114	2.40	2.55	2.63	2.62	.074	.008	.005	.003	.79	.88	.87	.87	116	114	113	.042	.002	.003	-.17	-.27	-.26
c. RIDiverse	112	2.28	2.55	2.60	2.59	.082	.009	.005	.003	.87	.91	.89	.90	113	33,125	121,694	.002	.000	.000	-.29	-.36	-.34
d. Rlownview	111	2.64	2.76	2.79	2.79	.079	.008	.005	.002	.83	.83	.82	.82	11,044	33,010	121,134	.121	.056	.060	-.15	-.18	-.18
e. Rlperspect	109	2.65	2.89	2.90	2.89	.073	.008	.005	.002	.76	.82	.82	.82	11,015	32,865	120,661	.003	.002	.002	-.29	-.30	-.29
f. Rlnewview	110	2.69	2.83	2.87	2.86	.074	.008	.004	.002	.78	.81	.81	.81	10,959	32,715	120,112	.065	.024	.030	-.18	-.22	-.21
g. Rlconnect	110	2.89	3.01	3.05	3.06	.072	.008	.004	.002	.75	.78	.77	.77	10,917	32,582	119,594	.132	.029	.026	-.14	-.21	-.21
3 a. SFcareer	108	2.27	2.24	2.23	2.22	.080	.009	.005	.003	.83	.92	.91	.91	10,906	32,548	119,626	.745	.616	.560	.03	.05	.06
b. SFotherwork	108	1.76	1.81	1.74	1.75	.081	.009	.005	.003	.84	.95	.92	.92	10,874	32,440	119,211	.615	.819	.914	-.05	.02	.01
c. SFdiscuss	107	2.00	2.00	1.99	2.00	.082	.009	.005	.003	.85	.92	.91	.90	10,847	32,358	118,928	.994	.880	.986	.00	.01	.00
d. SFperform	106	2.20	2.12	2.14	2.13	.080	.009	.005	.003	.82	.91	.89	.89	10,826	32,284	118,699	.314	.455	.413	.10	.07	.08
4 a. memorize	106	3.04	2.97	2.94	2.94	.073	.008	.005	.002	.75	.81	.83	.82	10,850	106	106	.405	.165	.171	.08	.12	.12
b. HOapply	105	2.73	2.93	2.94	2.96	.076	.008	.005	.002	.78	.82	.81	.81	10,794	32,188	118,331	.011	.009	.003	-.25	-.26	-.29
c. HOanalyze	105	2.78	2.93	2.95	2.96	.084	.008	.005	.002	.86	.83	.83	.83	10,717	32,025	104	.053	.029	.027	-.19	-.21	-.23
d. HOevaluate	104	2.80	2.90	2.94	2.92	.080	.008	.005	.002	.81	.84	.82	.83	10,736	32,020	117,684	.231	.074	.120	-.12	-.18	-.15
e. HOform	104	2.80	2.89	2.91	2.90	.076	.008	.005	.002	.77	.84	.83	.83	10,703	31,938	117,396	.292	.165	.221	-.10	-.14	-.12
5 a. ETgoals	105	3.04	3.10	3.13	3.11	.078	.008	.004	.002	.80	.79	.78	.78	10,788	32,119	118,086	.465	.225	.390	-.07	-.12	-.08
b. ETorganize	105	2.87	3.04	3.07	3.06	.089	.008	.005	.002	.91	.82	.81	.80	105	104	104	.057	.026	.039	-.21	-.25	-.23
c. ETexample	102	2.98	3.05	3.07	3.06	.087	.008	.005	.002	.88	.84	.83	.83	10,726	31,966	117,526	.408	.273	.322	-.08	-.11	-.10
d. ETdraftfb	105	2.93	2.79	2.91	2.85	.084	.009	.005	.003	.86	.93	.91	.92	10,734	31,932	117,446	.132	.832	.427	.15	.02	.08
e. ETfeedback	104	2.79	2.71	2.83	2.78	.089	.009	.005	.003	.91	.93	.91	.91	10,703	31,840	117,102	.378	.653	.884	.09	-.04	.01

# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>B</sup>

### West Texas A&M University

#### First-Year Students

Variable Name	N				Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	WTAMU	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:					
														Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016			
6 a. QRconclude	103	2.39	2.62	2.56	2.59	.084	.009	.005	.003	.86	.92	.92	.92	10,751	32,040	117,791	.009	.055	.028	-.26	-.19	-.22			
b. QRproblem	104	2.17	2.34	2.31	2.31	.091	.009	.005	.003	.92	.95	.94	.94	10,724	31,976	117,532	.063	.120	.107	-.18	-.15	-.16			
c. QRevaluate	103	2.20	2.31	2.28	2.30	.091	.009	.005	.003	.93	.92	.91	.91	10,696	31,878	117,220	.234	.405	.291	-.12	-.08	-.10			
7 a. wrshortnum	93	7.41	5.83	6.87	6.82	.688	.054	.034	.018	6.64	5.27	5.74	5.75	93	92	92	.024	.437	.392	.30	.09	.10			
b. wrmednum	87	2.59	1.94	2.26	2.23	.471	.033	.019	.010	4.40	3.16	3.15	3.14	87	86	86	.175	.496	.457	.20	.10	.11			
c. wrlongnum	89	1.60	.83	.87	.86	.477	.029	.016	.008	4.50	2.81	2.73	2.69	88	88	88	.111	.130	.127	.27	.27	.27			
— wrpages	86	61.40	43.47	49.63	49.22	10.504	.698	.388	.199	97.30	66.44	64.22	63.13	86	85	85	.092	.266	.250	.27	.18	.19			
8 a. DDrace	92	3.07	3.08	3.03	3.07	.091	.009	.005	.003	.88	.93	.93	.92	9,854	29,524	108,320	.920	.669	.960	-.01	.04	.01			
b. DDeconomic	92	2.97	3.06	3.01	3.05	.088	.009	.005	.003	.85	.91	.91	.90	9,815	29,410	107,939	.343	.633	.362	-.10	-.05	-.10			
c. DDreligion	92	2.85	3.01	2.96	2.98	.095	.010	.006	.003	.92	.95	.95	.95	9,813	29,421	107,867	.102	.285	.175	-.17	-.11	-.14			
d. DDpolitical	92	2.82	2.99	2.93	2.97	.097	.010	.006	.003	.93	.94	.95	.94	9,776	29,310	107,479	.082	.243	.130	-.18	-.12	-.16			
9 a. LSreading	92	2.80	3.04	3.12	3.11	.085	.008	.004	.002	.81	.79	.77	.77	9,734	29,241	107,311	.003	.000	.000	-.31	-.42	-.41			
b. LSnotes	91	2.83	2.90	2.95	2.93	.090	.009	.005	.003	.86	.90	.89	.90	9,723	29,171	107,055	.451	.177	.282	-.08	-.14	-.11			
c. LSsummary	90	2.70	2.78	2.86	2.84	.088	.009	.005	.003	.83	.92	.89	.89	9,643	28,961	106,152	.431	.084	.134	-.08	-.18	-.16			
10. challenge	92	5.53	5.48	5.54	5.53	.106	.012	.007	.004	1.02	1.18	1.17	1.17	9,721	29,171	107,004	.661	.958	.976	.05	-.01	.00			
11 a. intern <sup>l</sup>	89	.071	.085	.077	.087	.0273	.0028	.0016	.0009	--	--	--	--	--	--	--	.631	.819	.590	-.05	-.02	-.06			
b. leader <sup>l</sup>	90	.137	.127	.105	.117	.0364	.0034	.0018	.0010	--	--	--	--	--	--	--	.778	.327	.550	.03	.10	.06			
c. learncom <sup>l</sup>	88	.106	.146	.133	.150	.0329	.0036	.0020	.0011	--	--	--	--	--	--	--	.288	.455	.246	-.12	-.08	-.13			
d. abroad <sup>l</sup>	89	.009	.041	.032	.035	.0102	.0020	.0010	.0006	--	--	--	--	--	--	--	.130	.217	.182	-.22	-.17	-.19			
e. research <sup>l</sup>	89	.028	.062	.050	.055	.0175	.0025	.0013	.0007	--	--	--	--	--	--	--	.182	.342	.262	-.17	-.11	-.14			
f. capstone <sup>l</sup>	88	.030	.033	.027	.028	.0181	.0018	.0010	.0005	--	--	--	--	--	--	--	.844	.904	.933	-.02	.01	.01			
12. servcourse	89	1.89	1.66	1.65	1.63	.053	.007	.004	.002	.50	.70	.69	.69	91	89	89	.000	.000	.000	.33	.35	.38			
13 a. QIstudent	88	5.16	5.45	5.47	5.49	.166	.014	.008	.004	1.57	1.41	1.42	1.39	9,583	28,668	88	.051	.040	.051	-.21	-.22	-.24			
b. QIadvisor	88	5.06	5.18	5.17	5.19	.183	.017	.010	.005	1.72	1.68	1.72	1.69	9,487	28,146	103,530	.495	.562	.484	-.07	-.06	-.07			
c. QIfaculty	87	5.30	5.18	5.31	5.28	.175	.016	.009	.004	1.64	1.51	1.47	1.45	9,489	28,416	104,333	.465	.959	.904	.08	-.01	.01			
d. QIstaff	84	5.17	5.00	4.99	4.98	.178	.018	.011	.006	1.64	1.70	1.72	1.69	8,805	25,554	94,536	.359	.352	.323	.10	.10	.11			
e. QIadmin	85	5.18	4.88	4.96	4.92	.168	.018	.010	.005	1.55	1.71	1.72	1.71	9,063	27,131	98,608	.107	.236	.155	.18	.13	.15			
14 a. empstudy	82	3.01	3.14	3.16	3.17	.076	.008	.005	.002	.68	.77	.76	.76	83	82	81	.091	.052	.032	-.17	-.20	-.22			
b. SEacademic	81	2.99	3.09	3.08	3.09	.099	.009	.005	.003	.89	.84	.84	.83	8,941	26,886	98,872	.312	.362	.290	-.11	-.10	-.12			
c. SElearnsup	82	3.16	3.15	3.12	3.13	.088	.009	.005	.003	.80	.88	.89	.88	8,934	26,874	98,773	.887	.678	.727	.02	.05	.04			



# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### West Texas A&M University

#### First-Year Students

Variable Name	N				Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	WTAMU	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:					
														Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016			
d. SEdiverse	82	2.57	2.80	2.76	2.76	.109	.010	.006	.003	.99	.96	.98	.97	8,949	26,870	98,834	.032	.076	.074	-.24	-.20	-.20			
e. SESocial	80	2.80	3.02	2.96	2.99	.096	.009	.006	.003	.86	.88	.91	.89	8,936	26,846	98,702	.027	.107	.061	-.25	-.18	-.21			
f. SEwellness	82	2.80	2.99	2.92	2.95	.087	.010	.006	.003	.79	.91	.93	.91	8,914	26,791	98,484	.062	.239	.130	-.21	-.13	-.17			
g. SEonacad	81	2.26	2.44	2.40	2.39	.094	.010	.006	.003	.85	.98	1.00	.99	82	80	80	.055	.138	.165	-.19	-.14	-.13			
h. SEactivities	81	2.78	2.95	2.79	2.86	.089	.010	.006	.003	.81	.91	.98	.95	8,883	81	80	.097	.924	.396	-.18	-.01	-.08			
i. SEevents	80	2.34	2.60	2.54	2.57	.100	.010	.006	.003	.90	.97	.99	.98	8,847	80	97,926	.014	.047	.035	-.28	-.20	-.24			
15 a. tmprephrs	82	12.49	13.64	13.65	14.30	.858	.089	.050	.027	7.77	8.33	8.15	8.34	8,918	26,830	98,519	.213	.198	.050	-.14	-.14	-.22			
b. tmcocurrhrs	81	6.32	5.57	5.09	5.46	.711	.074	.042	.022	6.41	6.92	6.77	6.87	8,871	26,666	97,899	.330	.103	.258	.11	.18	.13			
c. tmworkonhrs	79	1.44	2.52	2.19	2.39	.548	.065	.033	.018	4.86	6.12	5.35	5.57	80	78	78	.053	.174	.087	-.18	-.14	-.17			
d. tmworkoffhrs	82	8.18	5.25	6.61	5.69	1.283	.100	.066	.032	11.62	9.38	10.75	10.06	82	81	81	.025	.226	.056	.31	.15	.25			
— tmworkhrs	79	9.70	7.67	8.72	7.99	1.451	.121	.073	.037	12.86	11.33	11.83	11.44	79	78	78	.167	.501	.241	.18	.08	.15			
e. tmservicehrs	81	3.60	2.94	2.51	2.53	.618	.054	.029	.015	5.55	5.03	4.69	4.68	81	80	80	.289	.084	.088	.13	.23	.23			
f. tmrelaxhrs	81	12.48	11.99	11.83	12.12	.909	.091	.052	.027	8.19	8.55	8.53	8.49	8,858	26,633	97,739	.606	.497	.702	.06	.08	.04			
g. tmcarehrs	81	3.64	2.74	3.89	3.28	.932	.071	.052	.025	8.40	6.62	8.54	7.84	81	26,565	97,538	.337	.792	.675	.14	-.03	.05			
h. tmcommutehrs	81	4.52	4.74	3.75	3.81	.736	.065	.035	.018	6.63	6.13	5.69	5.70	8,859	26,676	97,942	.755	.224	.258	-.03	.14	.13			
16. reading	81	2.40	2.67	2.85	2.80	.122	.012	.007	.004	1.09	1.08	1.09	1.10	8,838	26,589	97,652	.028	.000	.001	-.25	-.42	-.36			
— tmreadinghrs	81	4.67	6.06	6.67	6.75	.531	.060	.036	.019	4.78	5.64	5.88	5.92	82	81	80	.011	.000	.000	-.25	-.34	-.35			
17 a. pgwrite	79	2.94	2.79	2.91	2.85	.088	.010	.005	.003	.78	.91	.88	.89	80	26,623	78	.117	.803	.339	.15	.03	.09			
b. pgspeak	80	2.74	2.66	2.75	2.69	.097	.010	.006	.003	.87	.94	.93	.94	8,809	26,557	97,483	.485	.899	.666	.08	-.01	.05			
c. pgthink	79	2.92	3.05	3.10	3.08	.087	.009	.005	.003	.77	.83	.81	.82	8,813	26,554	97,509	.158	.053	.078	-.16	-.22	-.20			
d. pganalyze	78	2.65	2.69	2.60	2.62	.098	.010	.006	.003	.87	.94	.97	.97	8,810	26,518	97,350	.772	.629	.775	-.03	.05	.03			
e. pgwork	79	2.54	2.59	2.62	2.62	.107	.010	.006	.003	.95	.97	.97	.97	8,811	26,546	97,455	.672	.473	.509	-.05	-.08	-.07			
f. pgothers	79	2.71	2.84	2.85	2.84	.093	.010	.006	.003	.83	.90	.90	.90	8,806	26,507	97,299	.205	.167	.220	-.14	-.16	-.14			
g. pgvalues	79	2.64	2.68	2.73	2.71	.103	.010	.006	.003	.92	.97	.96	.97	8,795	26,545	97,347	.772	.428	.576	-.03	-.09	-.06			
h. pgdiverse	79	2.73	2.80	2.78	2.77	.089	.010	.006	.003	.79	.95	.96	.96	80	79	78	.416	.531	.649	-.08	-.06	-.04			
i. pgprobsolve	79	2.52	2.62	2.64	2.63	.092	.010	.006	.003	.82	.95	.95	.95	80	79	78	.323	.231	.248	-.10	-.12	-.11			
j. pgcitizen	78	2.57	2.65	2.65	2.63	.097	.010	.006	.003	.86	.96	.96	.96	8,763	26,402	96,899	.487	.509	.632	-.08	-.07	-.05			
18. evalexpr	79	3.09	3.21	3.20	3.20	.084	.008	.004	.002	.75	.72	.73	.73	8,838	26,662	97,864	.162	.197	.180	-.16	-.15	-.15			
19. sameinst	79	3.13	3.23	3.21	3.21	.093	.008	.005	.003	.83	.79	.81	.81	8,844	26,690	97,978	.273	.415	.364	-.12	-.09	-.10			

# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> West Texas A&M University

### Seniors

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	WTAMU	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:						
														Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016				
1 a. askquest	369	3.11	3.03	3.22	3.15	.046	.006	.004	.002	.88	.89	.84	.86	22,398	54,198	195,929	.068	.014	.411	.10	-.13	-.04				
b. drafts	366	2.39	2.46	2.50	2.45	.054	.007	.004	.002	1.03	1.03	1.03	1.03	22,134	53,699	194,093	.150	.032	.228	-.08	-.11	-.06				
c. unpreparedr	359	3.09	2.97	3.04	2.99	.041	.006	.003	.002	.77	.82	.80	.81	22,026	53,411	193,073	.006	.242	.018	.15	.06	.13				
d. attendart	362	1.86	1.77	1.81	1.84	.050	.006	.004	.002	.95	.90	.92	.92	21,900	53,173	192,055	.055	.308	.634	.10	.05	.03				
e. CLaskhelp	363	2.38	2.42	2.35	2.41	.049	.006	.004	.002	.93	.92	.91	.91	21,856	53,042	191,685	.391	.538	.525	-.05	.03	-.03				
f. CLexplain	359	2.70	2.73	2.69	2.74	.049	.006	.004	.002	.93	.87	.88	.86	369	52,903	359	.553	.869	.423	-.03	.01	-.05				
g. CLstudy	357	2.38	2.48	2.41	2.47	.055	.007	.004	.002	1.05	1.01	1.02	1.01	21,732	52,811	190,657	.068	.559	.100	-.10	-.03	-.09				
h. CLproject	356	2.83	2.83	2.77	2.87	.051	.006	.004	.002	.96	.94	.96	.93	21,683	52,655	190,047	.993	.246	.466	.00	.06	-.04				
i. present	356	2.44	2.58	2.72	2.70	.052	.007	.004	.002	.98	1.00	.99	.98	21,566	52,404	189,222	.013	.000	.000	-.13	-.27	-.26				
2 a. Rlintegrate	345	2.92	2.94	2.99	2.99	.047	.006	.004	.002	.87	.86	.84	.84	21,019	51,412	185,313	.727	.172	.168	-.02	-.07	-.07				
b. RISocietal	344	2.83	2.78	2.89	2.85	.049	.006	.004	.002	.91	.92	.89	.90	20,871	50,984	183,822	.367	.183	.571	.05	-.07	-.03				
c. RIDiverse	344	2.62	2.56	2.72	2.67	.054	.007	.004	.002	1.01	.99	.95	.96	20,817	347	183,539	.264	.060	.339	.06	-.11	-.05				
d. Rlownview	343	2.85	2.82	2.90	2.87	.046	.006	.004	.002	.86	.86	.84	.84	20,743	50,776	182,930	.490	.354	.675	.04	-.05	-.02				
e. Rlperspect	343	2.88	2.93	2.99	2.97	.046	.006	.004	.002	.86	.84	.82	.83	20,660	50,625	182,306	.257	.014	.044	-.06	-.13	-.11				
f. Rlnewview	340	2.90	2.92	2.98	2.96	.043	.006	.004	.002	.79	.82	.80	.81	20,563	50,511	181,775	.582	.069	.144	-.03	-.10	-.08				
g. Rlconnect	340	3.23	3.18	3.24	3.23	.039	.005	.003	.002	.72	.77	.74	.75	20,485	50,306	181,047	.235	.779	.905	.06	-.02	.01				
3 a. SFcareer	344	2.50	2.30	2.42	2.40	.054	.007	.004	.002	1.00	.98	.99	.98	20,509	50,314	181,131	.000	.140	.067	.20	.08	.10				
b. SFotherwork	346	1.90	1.86	1.92	1.93	.054	.007	.005	.002	1.01	1.01	1.03	1.03	20,461	50,141	180,505	.489	.810	.623	.04	-.01	-.03				
c. SFdiscuss	344	2.12	2.08	2.17	2.17	.054	.007	.004	.002	1.00	.97	.98	.97	20,415	50,082	180,272	.401	.395	.386	.05	-.05	-.05				
d. SFperform	345	2.32	2.13	2.23	2.20	.053	.007	.004	.002	.98	.93	.94	.93	355	349	345	.000	.088	.023	.20	.10	.13				
4 a. memorize	345	2.69	2.76	2.73	2.74	.048	.006	.004	.002	.89	.90	.91	.91	20,437	50,118	180,457	.146	.350	.333	-.08	-.05	-.05				
b. HOapply	346	3.17	3.10	3.13	3.12	.041	.006	.004	.002	.77	.82	.80	.80	20,370	49,932	179,756	.107	.375	.268	.09	.05	.06				
c. HOanalyze	343	3.09	3.07	3.11	3.09	.046	.006	.004	.002	.85	.84	.83	.83	20,292	49,750	179,160	.763	.671	.947	.02	-.02	.00				
d. HOevaluate	341	2.97	2.94	3.02	2.97	.046	.006	.004	.002	.86	.88	.85	.87	20,275	49,741	179,054	.596	.219	.932	.03	-.07	.00				
e. HOform	340	3.05	2.97	3.01	2.98	.044	.006	.004	.002	.82	.86	.84	.85	20,255	49,638	178,665	.091	.456	.149	.09	.04	.08				
5 a. ETgoals	342	3.20	3.17	3.21	3.17	.042	.006	.004	.002	.78	.80	.78	.78	20,351	49,954	179,827	.543	.818	.535	.03	-.01	.03				
b. ETorganize	342	3.15	3.11	3.15	3.12	.043	.006	.004	.002	.79	.82	.80	.80	20,300	49,845	179,390	.356	.901	.445	.05	.01	.04				
c. ETexample	341	3.17	3.11	3.15	3.13	.044	.006	.004	.002	.82	.86	.83	.83	20,275	49,769	179,095	.198	.653	.348	.07	.02	.05				
d. ETdraftfb	342	2.84	2.74	2.86	2.79	.053	.007	.004	.002	.98	1.00	.97	.98	20,255	49,736	179,006	.060	.788	.306	.10	-.01	.06				
e. ETfeedback	341	2.83	2.82	2.92	2.87	.051	.007	.004	.002	.95	.95	.91	.91	20,188	345	178,417	.868	.087	.470	.01	-.10	-.04				

# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> West Texas A&M University

### Seniors

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	WTAMU	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:						
														Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016				
6 a. QRconclude	341	2.59	2.66	2.64	2.66	.052	.007	.004	.002	.95	.95	.95	.95	20,296	49,848	179,462	.183	.391	.183	-.07	-.05	-.07				
b. QRproblem	341	2.37	2.44	2.45	2.45	.052	.007	.004	.002	.96	.98	.97	.98	20,258	49,751	179,146	.197	.125	.129	-.07	-.08	-.08				
c. QRevaluate	341	2.34	2.42	2.42	2.44	.051	.007	.004	.002	.95	.95	.95	.95	20,232	49,660	178,826	.118	.122	.042	-.09	-.08	-.11				
7 a. wrshortnum	305	6.33	6.47	8.10	7.86	.351	.046	.032	.017	6.13	6.18	6.83	6.80	18,334	309	305	.702	.000	.000	-.02	-.26	-.22				
b. wrmednum	299	2.34	3.01	3.87	3.69	.199	.030	.021	.011	3.45	4.03	4.52	4.45	312	305	300	.001	.000	.000	-.17	-.34	-.31				
c. wrlongnum	296	1.46	1.84	2.05	2.02	.237	.028	.018	.009	4.07	3.76	3.74	3.71	17,749	44,308	159,372	.091	.007	.010	-.10	-.16	-.15				
— wrpages	290	57.39	67.99	83.25	80.86	5.100	.668	.438	.228	86.82	87.10	90.65	89.96	17,278	293	290	.040	.000	.000	-.12	-.29	-.26				
8 a. DDrace	312	3.14	3.17	3.10	3.11	.052	.007	.004	.002	.92	.93	.93	.92	18,848	46,818	168,135	.566	.423	.609	-.03	.05	.03				
b. DDeconomic	312	3.16	3.12	3.09	3.10	.049	.007	.004	.002	.86	.92	.90	.89	323	46,678	167,619	.366	.152	.250	.05	.08	.07				
c. DDreligion	312	3.03	3.06	3.01	3.02	.053	.007	.004	.002	.94	.95	.94	.94	18,777	46,633	167,420	.612	.725	.837	-.03	.02	.01				
d. DDpolitical	308	3.08	3.05	3.02	3.03	.051	.007	.004	.002	.90	.95	.93	.93	18,692	46,408	166,752	.574	.236	.286	.03	.07	.06				
9 a. LSreading	310	3.11	3.18	3.24	3.21	.048	.006	.004	.002	.85	.80	.77	.79	18,711	46,538	167,131	.091	.002	.016	-.10	-.18	-.14				
b. LSnotes	307	2.90	2.93	2.93	2.88	.056	.007	.004	.002	.98	.93	.93	.94	18,679	46,406	166,665	.566	.549	.733	-.03	-.03	.02				
c. LSsummary	308	2.88	2.90	2.94	2.89	.052	.007	.004	.002	.92	.92	.91	.92	18,524	46,002	165,236	.701	.276	.881	-.02	-.06	-.01				
10. challenge	308	5.84	5.69	5.72	5.66	.064	.009	.006	.003	1.12	1.23	1.21	1.21	320	46,396	166,529	.020	.075	.009	.12	.10	.15				
11 a. intern <sup>l</sup>	309	.374	.408	.468	.501	.0276	.0036	.0023	.0012	--	--	--	--	--	--	--	.228	.001	.000	-.07	-.19	-.26				
b. leader <sup>l</sup>	307	.314	.300	.319	.354	.0265	.0034	.0022	.0012	--	--	--	--	--	--	--	.598	.865	.148	.03	-.01	-.08				
c. learncom <sup>l</sup>	307	.208	.216	.233	.242	.0232	.0030	.0020	.0011	--	--	--	--	--	--	--	.731	.301	.158	-.02	-.06	-.08				
d. abroad <sup>l</sup>	307	.083	.095	.113	.138	.0157	.0022	.0015	.0008	--	--	--	--	--	--	--	.459	.091	.005	-.04	-.10	-.18				
e. research <sup>l</sup>	304	.144	.198	.211	.237	.0201	.0030	.0019	.0010	--	--	--	--	--	--	--	.019	.004	.000	-.14	-.18	-.24				
f. capstone <sup>l</sup>	304	.293	.360	.457	.459	.0262	.0036	.0023	.0012	--	--	--	--	--	--	--	.015	.000	.000	-.14	-.34	-.34				
12. servcourse	303	1.91	1.72	1.78	1.74	.044	.005	.003	.002	.77	.74	.71	.71	311	46,025	165,229	.000	.002	.000	.25	.18	.23				
13 a. QIstudent	300	5.75	5.65	5.69	5.66	.077	.010	.006	.003	1.33	1.37	1.32	1.32	18,227	45,708	164,145	.197	.384	.248	.08	.05	.07				
b. QIadvisor	303	5.72	5.16	5.26	5.22	.082	.013	.008	.004	1.43	1.80	1.79	1.77	319	309	304	.000	.000	.000	.31	.26	.28				
c. QIfaculty	303	5.90	5.50	5.61	5.54	.069	.011	.007	.003	1.21	1.47	1.39	1.39	317	307	303	.000	.000	.000	.28	.21	.26				
d. QIstaff	268	5.44	4.89	4.94	4.89	.091	.015	.009	.005	1.48	1.79	1.78	1.75	281	272	268	.000	.000	.000	.31	.28	.31				
e. QIadmin	294	5.38	4.88	4.96	4.88	.094	.014	.008	.004	1.61	1.78	1.75	1.75	305	43,755	156,353	.000	.000	.000	.28	.24	.29				
14 a. empstudy	293	3.07	3.17	3.16	3.17	.043	.006	.004	.002	.74	.78	.77	.77	303	297	294	.018	.038	.020	-.13	-.12	-.13				
b. SEacademic	287	3.09	2.96	2.97	2.96	.047	.007	.004	.002	.80	.87	.87	.86	17,471	43,702	157,027	.010	.022	.008	.15	.14	.16				
c. SElearnsup	290	2.94	2.88	2.89	2.88	.050	.007	.005	.002	.86	.95	.94	.93	301	293	290	.263	.392	.285	.06	.05	.06				

# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> West Texas A&M University

### Seniors

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	WTAMU	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	WTAMU	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:						
														Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016				
d. SEdiverse	286	2.69	2.65	2.62	2.60	.053	.008	.005	.003	.89	1.02	1.01	1.01	298	290	286	.445	.216	.115	.04	.06	.08				
e. SESocial	287	3.01	2.86	2.82	2.84	.052	.007	.005	.002	.88	.94	.95	.93	297	291	287	.006	.000	.002	.15	.20	.18				
f. SEwellness	288	2.83	2.76	2.72	2.75	.055	.008	.005	.002	.93	.98	.99	.97	297	291	288	.266	.051	.159	.06	.11	.08				
g. SEnonacad	285	2.18	2.13	2.11	2.10	.057	.008	.005	.003	.97	1.02	1.02	1.00	17,398	43,572	156,471	.380	.246	.156	.05	.07	.08				
h. SEactivities	285	2.71	2.69	2.53	2.63	.055	.008	.005	.003	.93	1.00	1.02	1.00	295	289	285	.674	.002	.139	.02	.17	.08				
i. SEevents	287	2.53	2.41	2.38	2.40	.055	.008	.005	.002	.94	1.00	1.00	.98	17,303	43,359	155,677	.032	.012	.023	.13	.15	.13				
15 a. tmprephrs	287	14.29	14.55	14.49	14.87	.513	.069	.042	.022	8.68	9.00	8.72	8.89	17,410	43,608	156,528	.625	.687	.263	-.03	-.02	-.07				
b. tmcocurrhrs	287	4.11	4.11	4.33	4.66	.397	.049	.033	.018	6.73	6.44	6.88	6.91	17,316	43,380	155,712	.985	.590	.181	.00	-.03	-.08				
c. tmworkonhrs	287	3.51	3.70	3.23	3.71	.459	.059	.033	.018	7.77	7.73	6.88	7.24	17,321	43,442	155,899	.681	.493	.640	-.02	.04	-.03				
d. tmworkoffhrs	285	16.00	13.53	14.22	12.64	.831	.105	.066	.034	14.03	13.75	13.65	13.39	17,272	43,305	285	.003	.029	.000	.18	.13	.25				
— tmworkhrs	285	19.49	17.09	17.35	16.25	.839	.107	.066	.034	14.15	13.93	13.55	13.41	17,156	43,023	154,336	.004	.008	.000	.17	.16	.24				
e. tmervicehrs	285	2.91	3.28	3.34	3.24	.374	.043	.027	.014	6.32	5.60	5.65	5.52	17,233	43,172	154,955	.266	.197	.309	-.07	-.08	-.06				
f. tmrelaxhrs	283	9.92	9.86	10.11	10.51	.489	.061	.038	.020	8.23	7.95	7.98	8.06	17,282	43,353	155,555	.896	.690	.216	.01	-.02	-.07				
g. tmcarehrs	287	8.18	7.85	7.82	6.74	.749	.093	.059	.029	12.69	12.13	12.17	11.50	17,250	43,282	287	.650	.621	.056	.03	.03	.13				
h. tmcommutehrs	287	4.59	5.56	4.84	4.81	.359	.046	.028	.014	6.08	6.00	5.88	5.70	17,325	43,469	155,975	.006	.470	.512	-.16	-.04	-.04				
16. reading	283	2.72	2.90	2.98	2.91	.072	.009	.006	.003	1.21	1.20	1.16	1.18	17,304	285	155,798	.011	.000	.008	-.15	-.22	-.16				
— tmreadinghrs	282	6.65	7.24	7.48	7.37	.362	.050	.031	.016	6.08	6.57	6.45	6.45	17,218	43,158	155,003	.137	.032	.064	-.09	-.13	-.11				
17 a. pgwrite	286	3.08	2.98	3.08	3.04	.051	.007	.004	.002	.87	.92	.89	.90	17,337	43,479	156,039	.098	.996	.451	.10	.00	.04				
b. pgspeak	282	3.01	2.90	2.95	2.93	.051	.007	.005	.002	.85	.96	.94	.94	293	286	282	.031	.251	.112	.12	.06	.09				
c. pgthink	284	3.34	3.27	3.30	3.30	.042	.006	.004	.002	.71	.82	.80	.80	296	288	285	.093	.344	.361	.09	.05	.05				
d. pganalyze	282	2.82	2.88	2.80	2.84	.056	.008	.005	.003	.94	.98	.99	.99	17,263	43,284	155,410	.302	.722	.777	-.06	.02	-.02				
e. pgwork	285	3.09	2.91	2.96	2.94	.054	.008	.005	.002	.91	.99	.97	.97	295	43,353	285	.001	.024	.005	.18	.13	.15				
f. pgothers	286	3.15	3.02	3.05	3.04	.048	.007	.004	.002	.80	.91	.90	.90	297	289	155,303	.010	.037	.054	.14	.11	.11				
g. pgvalues	282	2.88	2.80	2.86	2.83	.058	.008	.005	.003	.97	1.03	1.00	1.01	291	43,318	155,473	.182	.759	.377	.08	.02	.05				
h. pgdiverse	284	2.85	2.85	2.85	2.82	.056	.008	.005	.003	.95	1.00	.99	.99	17,281	43,303	155,451	.921	.971	.617	.01	.00	.03				
i. pgprobsolve	284	2.97	2.81	2.82	2.82	.053	.008	.005	.002	.89	.99	.97	.96	294	287	284	.004	.006	.006	.16	.15	.15				
j. pgcitizen	284	2.72	2.68	2.72	2.68	.057	.008	.005	.003	.97	1.02	1.00	1.01	294	43,079	154,707	.478	.937	.500	.04	.00	.04				
18. evalexp	282	3.46	3.25	3.26	3.25	.041	.006	.004	.002	.69	.76	.76	.76	17,364	43,505	156,177	.000	.000	.000	.28	.26	.27				
19. sameinst	283	3.43	3.25	3.21	3.21	.046	.006	.004	.002	.77	.84	.85	.85	17,371	43,565	156,348	.000	.000	.000	.22	.26	.25				

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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."
- 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 Ns 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."