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# NSSE 2017

## Frequencies and Statistical Comparisons

Texas Tech 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 2017 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.

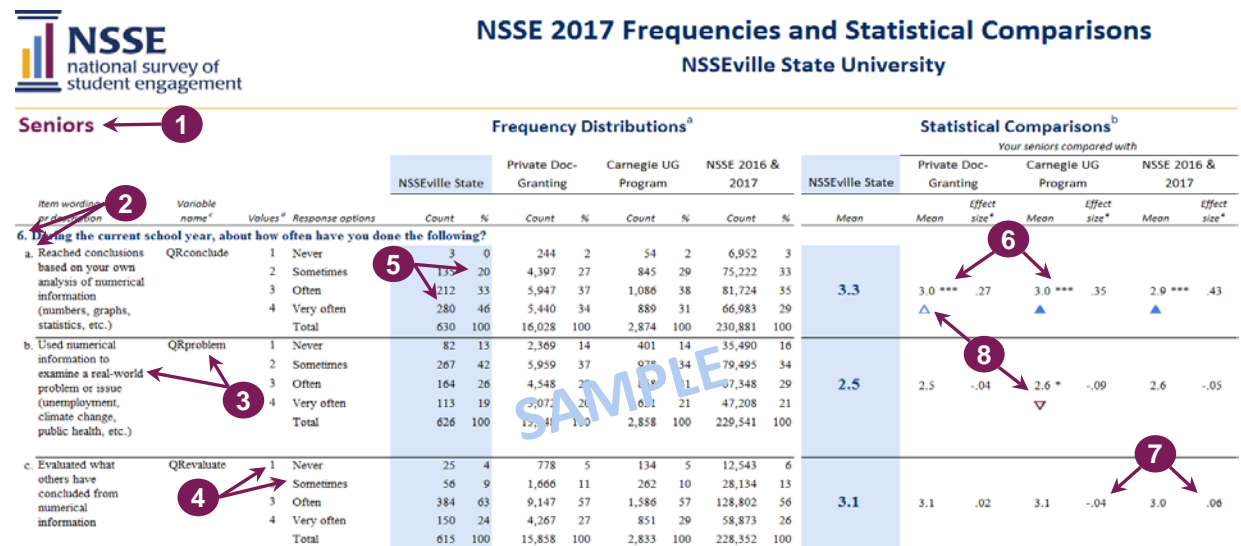
- Class level:** As reported by your institution.
- Item numbers:** Numbering corresponds to the survey item facsimile included in your *Institutional Report* and available on the NSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. 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 question	Variable name <sup>f</sup>	Values <sup>g</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup> <i>Your seniors compared with</i>											
				NSSEville State	Private Doc- Granting	Carnegie UG Program	NSSE 2016 & 2017	NSSEville State	Private Doc- Granting	Carnegie UG Program	NSSE 2016 & 2017								
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>h</sup>	Mean	Effect size <sup>h</sup>	Mean	Effect size <sup>h</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 2 3 4	Never Sometimes Often Very often	3 135 212 280	0 20 33 46	244 4,397 5,947 5,440	2 27 37 34	54 845 1,086 889	2 29 38 31	6,952 75,222 81,724 66,983	3 33 35 29	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1 2 3 4	Never Sometimes Often Very often	82 267 164 113	13 42 26 19	2,369 5,959 4,548 2,072	14 37 21 21	401 978 1,111 611	14 34 1 21	35,490 79,495 67,348 47,208	16 34 29 21	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
c. Evaluated what others have concluded from numerical information	QRrevaluate	1 2 3 4	Never Sometimes Often Very often	25 56 384 150	4 9 63 24	778 1,666 9,147 4,267	5 11 57 27	134 262 1,586 851	5 10 57 29	12,543 28,134 128,802 58,873	6 13 56 26	3.1	3.1	.02	3.1	-.04	3.0	.06	
			Total	630 626 615	100 100 100	16,028 15,858	100 100	2,874 2,833	100 100	230,881 229,541 228,352	100 100 100								

- 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 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	27	6	784	5	2,048	5	8,188	4	<b>2.6</b>	2.7 **	-0.16	2.7 **	-0.14	2.8 ***	-0.30	
		2	Sometimes	211	47	6,127	39	19,019	41	90,094	35								
		3	Often	138	31	5,421	35	16,321	34	91,912	35								
		4	Very often	75	17	3,140	21	9,774	20	66,207	26								
		Total		451	100	15,472	100	47,162	100	256,401	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	117	27	2,934	19	9,098	21	42,122	17	<b>2.1</b>	2.4 ***	-0.32	2.4 ***	-0.25	2.5 ***	-0.37	
		2	Sometimes	187	41	5,351	35	16,650	36	90,095	35								
		3	Often	104	23	4,460	29	13,490	28	75,693	30								
		4	Very often	38	8	2,629	17	7,523	15	46,623	18								
		Total		446	100	15,374	100	46,761	100	254,533	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	30	7	827	5	2,625	6	11,949	5	<b>2.9</b>	3.0	-0.07	2.9	.02	3.0 *	-0.13	
		2	Often	73	16	2,167	14	7,391	16	31,656	13								
		3	Sometimes	231	51	8,497	54	26,937	57	143,696	56								
		4	Never	113	26	3,873	26	9,721	21	66,918	27								
		Total		447	100	15,364	100	46,674	100	254,219	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	194	46	5,822	38	18,088	40	90,988	39	<b>1.8</b>	2.0 **	-0.14	1.9	-0.06	1.9 *	-0.11	
		2	Sometimes	147	32	5,719	37	18,426	39	98,654	38								
		3	Often	75	16	2,526	16	6,810	14	42,243	15								
		4	Very often	30	6	1,269	8	3,208	7	21,705	8								
		Total		446	100	15,336	100	46,532	100	253,590	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	53	13	1,244	9	2,905	7	21,324	10	<b>2.5</b>	2.6 **	-0.13	2.7 ***	-0.22	2.6	-0.08	
		2	Sometimes	170	39	5,504	36	16,375	36	92,625	37								
		3	Often	147	33	5,669	36	17,661	37	92,408	35								
		4	Very often	75	16	2,899	18	9,563	20	46,898	17								
		Total		445	100	15,316	100	46,504	100	253,255	100								
f. Explained course material to one or more students	CLexplain	1	Never	26	5	737	5	1,530	3	12,683	6	<b>2.7</b>	2.7	-0.03	2.8 *	-0.12	2.7	.01	
		2	Sometimes	176	40	5,438	36	15,891	34	91,025	36								
		3	Often	150	33	6,193	40	19,527	42	102,286	39								
		4	Very often	91	21	2,908	19	9,440	21	46,703	18								
		Total		443	100	15,276	100	46,388	100	252,697	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	61	14	2,068	14	5,004	11	34,199	16	<b>2.6</b>	2.6	-.01	2.6 *	-.10	2.5	.03	
		2	Sometimes	160	37	5,292	35	15,573	34	86,635	35								
		3	Often	126	27	4,894	31	15,613	33	82,135	31								
		4	Very often	94	21	2,995	20	10,106	22	48,934	19								
		Total		441	100	15,249	100	46,296	100	251,903	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	38	10	1,090	8	2,826	6	18,924	9	<b>2.6</b>	2.7	-.09	2.7 *	-.12	2.6	-.04	
		2	Sometimes	173	39	5,570	37	17,335	38	93,363	37								
		3	Often	157	35	5,751	37	17,258	37	93,625	36								
		4	Very often	75	17	2,783	18	8,698	19	45,105	17								
		Total		443	100	15,194	100	46,117	100	251,017	100								
i. Given a course presentation	present	1	Never	146	35	3,305	22	10,271	22	45,165	19	<b>2.0</b>	2.2 ***	-.27	2.2 ***	-.20	2.3 ***	-.33	
		2	Sometimes	173	38	6,679	43	21,960	48	111,475	44								
		3	Often	96	21	3,755	25	10,128	22	66,924	26								
		4	Very often	27	6	1,453	10	3,764	8	27,382	11								
		Total		442	100	15,192	100	46,123	100	250,946	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	47	11	1,422	10	3,102	7	19,452	9	<b>2.5</b>	2.5 *	-.10	2.6 ***	-.18	2.6 **	-.14	
		2	Sometimes	188	43	6,021	40	18,182	40	98,568	40								
		3	Often	152	35	5,502	37	17,428	38	93,007	37								
		4	Very often	50	11	2,059	14	6,745	15	36,457	15								
		Total		437	100	15,004	100	45,457	100	247,484	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	51	13	1,721	12	3,880	9	21,699	10	<b>2.4</b>	2.5 **	-.13	2.6 ***	-.20	2.6 ***	-.21	
		2	Sometimes	206	48	5,938	40	17,773	40	95,199	39								
		3	Often	125	28	5,120	34	16,579	36	90,159	36								
		4	Very often	51	12	2,152	14	7,018	15	39,238	16								
		Total		433	100	14,931	100	45,250	100	246,295	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	72	17	1,756	13	4,591	11	23,927	11	<b>2.3</b>	2.5 ***	-.22	2.5 ***	-.23	2.6 ***	-.26	
		2	Sometimes	180	43	5,680	38	17,649	40	93,563	38								
		3	Often	119	28	5,014	33	15,489	33	86,164	34								
		4	Very often	50	11	2,418	16	7,326	16	41,584	17								
		Total		421	100	14,868	100	45,055	100	245,238	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	31	7	740	5	2,163	5	11,301	5	<b>2.7</b>	2.8 *	-0.11	2.7	-0.08	2.8 *	-0.12	
		2	Sometimes	142	34	4,762	32	14,700	33	78,220	32								
		3	Often	176	43	6,584	44	20,167	44	109,987	45								
		4	Very often	67	16	2,716	19	7,809	17	44,552	19								
		Total		416	100	14,802	100	44,839	100	244,060	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	10	3	460	3	1,344	3	7,176	3	<b>2.9</b>	2.9	-0.05	2.9	.01	2.9	-0.02	
		2	Sometimes	130	31	3,878	26	12,586	29	66,713	28								
		3	Often	173	42	6,719	46	20,502	45	111,676	45								
		4	Very often	97	24	3,634	25	10,106	23	57,032	24								
		Total		410	100	14,691	100	44,538	100	242,597	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	15	4	428	3	1,212	3	6,665	3	<b>2.8</b>	2.9 *	-0.13	2.8	-0.10	2.8 *	-0.12	
		2	Sometimes	144	36	4,346	30	13,447	31	71,999	31								
		3	Often	171	42	6,653	45	20,372	45	110,351	45								
		4	Very often	76	19	3,182	22	9,247	20	52,094	21								
		Total		406	100	14,609	100	44,278	100	241,109	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	9	2	225	2	549	1	3,127	2	<b>2.9</b>	3.0 *	-0.11	3.0 **	-0.14	3.0 **	-0.14	
		2	Sometimes	100	26	3,323	23	9,246	22	50,751	22								
		3	Often	199	49	7,173	49	22,320	50	120,310	49								
		4	Very often	91	22	3,797	27	11,942	27	65,630	27								
		Total		399	100	14,518	100	44,057	100	239,818	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	92	24	3,034	22	9,176	21	48,661	22	<b>2.2</b>	2.3 **	-0.13	2.2	-0.07	2.2 *	-0.10	
		2	Sometimes	188	46	6,096	42	20,179	46	105,900	44								
		3	Often	86	21	3,563	24	10,047	22	56,689	23								
		4	Very often	35	9	1,841	13	4,696	10	28,724	12								
		Total		401	100	14,534	100	44,098	100	239,974	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	205	51	6,717	46	21,437	49	113,837	49	<b>1.7</b>	1.8 **	-0.16	1.8	-0.07	1.8	-0.09	
		2	Sometimes	136	33	4,530	31	14,136	32	76,871	31								
		3	Often	39	10	2,222	15	5,948	13	33,531	14								
		4	Very often	18	5	1,041	7	2,435	6	15,038	6								
		Total		398	100	14,510	100	43,956	100	239,277	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	162	41	5,106	35	14,142	33	74,681	33	<b>1.8</b>	2.0 **	-0.17	2.0 **	-0.17	2.0 ***	-0.19	
		2	Sometimes	166	41	5,711	39	19,379	44	102,632	42								
		3	Often	47	12	2,574	18	7,520	17	44,251	18								
		4	Very often	20	5	1,047	8	2,745	6	16,706	7								
		Total		395	100	14,438	100	43,786	100	238,270	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	133	34	3,883	27	11,792	27	57,178	25	<b>2.0</b>	2.1 **	-0.17	2.0 *	-0.11	2.1 ***	-0.19	
		2	Sometimes	174	43	6,344	44	20,722	47	110,713	46								
		3	Often	66	17	3,040	21	8,368	19	51,143	21								
		4	Very often	23	6	1,165	8	2,871	7	19,040	8								
		Total		396	100	14,432	100	43,753	100	238,074	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	14	4	503	4	1,383	3	8,880	4	<b>3.0</b>	2.9	.02	2.9	.04	2.9	.08	
		2	Some	96	24	3,453	24	11,100	26	61,834	26								
		3	Quite a bit	173	44	6,716	46	20,181	46	109,093	46								
		4	Very much	109	28	3,738	26	11,072	25	58,022	24								
		Total		392	100	14,410	100	43,736	100	237,829	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	23	6	519	4	1,155	3	7,941	4	<b>2.9</b>	2.9	-0.05	3.0 **	-0.17	2.9	-0.07	
		2	Some	92	23	3,671	26	9,602	22	58,336	25								
		3	Quite a bit	187	47	6,706	46	20,832	47	112,534	47								
		4	Very much	89	23	3,462	24	12,005	28	58,267	24								
		Total		391	100	14,358	100	43,594	100	237,078	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	16	4	528	4	1,357	3	8,291	4	<b>2.8</b>	2.9	-0.06	2.9 *	-0.12	2.9	-0.08	
		2	Some	116	31	3,844	27	10,765	25	61,196	26								
		3	Quite a bit	164	42	6,371	44	19,843	45	106,678	45								
		4	Very much	91	24	3,550	25	11,463	26	59,833	25								
		Total		387	100	14,293	100	43,428	100	235,998	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	27	8	616	5	2,114	5	9,061	4	<b>2.7</b>	2.9 **	-0.16	2.8	-0.09	2.9 **	-0.17	
		2	Some	119	30	3,811	27	12,141	29	62,566	27								
		3	Quite a bit	159	41	6,435	45	19,452	44	108,001	45								
		4	Very much	82	20	3,414	24	9,675	22	56,075	24								
		Total		387	100	14,276	100	43,382	100	235,703	100								

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

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## Texas Tech University

### First-Year Students

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Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	20	5	629	5	2,005	5	9,438	<b>2.8</b>	2.9	-.07	2.8	-.02	2.9	-.06		
		2	Some	111	29	3,793	27	11,975	28	64,007								28	
		3	Quite a bit	173	44	6,487	45	19,699	45	107,585								45	
		4	Very much	82	21	3,352	23	9,645	22	54,326								23	
		Total	386	100	14,261	100	43,324	100	235,356	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	11	4	310	2	746	2	4,589	<b>3.0</b>	3.1	-.07	3.1	-.04	3.1	-.06		
		2	Some	81	21	2,830	20	8,472	20	46,128								20	
		3	Quite a bit	171	45	6,541	45	21,217	48	111,079								46	
		4	Very much	120	31	4,572	33	12,944	30	73,604								32	
		Total	383	100	14,253	100	43,379	100	235,400	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	20	6	514	4	1,003	3	6,968	<b>3.0</b>	3.0	-.06	3.0	-.06	3.0	-.06		
		2	Some	81	21	2,917	20	8,869	21	48,053								21	
		3	Quite a bit	160	42	6,502	45	21,434	49	111,365								47	
		4	Very much	120	31	4,310	31	12,020	28	68,716								29	
		Total	381	100	14,243	100	43,326	100	235,102	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	14	4	478	3	1,121	3	7,310	<b>3.0</b>	3.0	-.04	3.0	-.05	3.0	-.03		
		2	Some	89	23	3,145	22	9,191	21	50,225								22	
		3	Quite a bit	157	42	6,060	42	19,872	45	103,362								43	
		4	Very much	120	31	4,550	32	13,080	30	73,858								31	
		Total	380	100	14,233	100	43,264	100	234,755	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	44	12	1,250	9	3,825	9	17,178	<b>2.6</b>	2.8 **	-.17	2.7	-.10	2.8 ***	-.24		
		2	Some	131	34	4,279	30	14,000	33	66,816								29	
		3	Quite a bit	137	36	5,152	36	16,227	37	89,257								37	
		4	Very much	70	18	3,532	25	9,208	21	61,429								26	
		Total	382	100	14,213	100	43,260	100	234,680	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	51	13	1,356	9	4,255	10	18,925	<b>2.6</b>	2.7 **	-.14	2.6	-.05	2.7 ***	-.18		
		2	Some	132	34	4,577	32	15,155	35	73,733								31	
		3	Quite a bit	132	35	5,262	37	16,238	37	90,839								38	
		4	Very much	66	18	2,984	21	7,478	17	50,591								22	
		Total	381	100	14,179	100	43,126	100	234,088	100									

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	40	10	1,561	11	4,266	9	27,254	11	<b>2.6</b>	2.6	.03	2.6	-.02	2.6	.05	
		2	Sometimes	140	35	5,142	36	15,300	35	86,529	36								
		3	Often	137	37	5,257	37	16,703	39	86,137	37								
		4	Very often	64	17	2,216	16	6,908	17	34,252	15								
		Total		381	100	14,176	100	43,177	100	234,172	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	104	27	3,063	22	8,445	20	49,196	21	<b>2.2</b>	2.3	-.07	2.3 *	-.12	2.3	-.09	
		2	Sometimes	142	36	5,708	40	17,433	40	96,076	41								
		3	Often	96	26	3,868	27	12,560	29	64,616	28								
		4	Very often	40	11	1,545	11	4,711	11	24,068	11								
		Total		382	100	14,184	100	43,149	100	233,956	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	80	19	2,803	20	7,108	16	45,338	19	<b>2.3</b>	2.3	.00	2.4	-.09	2.3	-.01	
		2	Sometimes	170	44	6,070	43	18,323	43	100,756	43								
		3	Often	98	27	3,979	28	13,421	31	66,792	29								
		4	Very often	34	10	1,328	10	4,289	10	21,148	9								
		Total		382	100	14,180	100	43,141	100	234,034	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</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	55	17	1,114	9	2,217	6	11,007	6	<b>4.8</b>	5.5 *	-.14	6.3 ***	-.27	6.6 ***	-.32	
		1.5	1-2	92	29	3,023	24	8,429	21	40,846	19								
		4	3-5	84	26	4,354	34	12,908	32	68,502	32								
		8	6-10	46	14	2,676	20	9,213	23	52,109	24								
		13	11-15	28	8	965	7	3,711	9	21,924	10								
		18	16-20	7	2	337	2	1,562	4	9,747	4								
		23	More than 20	10	3	439	3	1,630	4	10,367	5								
Total		322	100	12,908	100	39,670	100	214,502	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	204	64	5,875	46	13,569	35	71,670	35	<b>1.0</b>	1.9 ***	-.29	2.2 ***	-.38	2.2 ***	-.39	
		1.5	1-2	83	26	4,113	32	15,375	38	83,258	38								
		4	3-5	24	7	1,742	13	6,845	17	38,165	18								
		8	6-10	7	2	737	6	2,469	6	13,715	7								
		13	11-15	2	1	184	1	621	2	3,282	2								
		18	16-20	0	0	49	0	172	0	992	1								
		23	More than 20	1	0	79	1	199	1	1,059	1								
Total		321	100	12,779	100	39,250	100	212,141	100										

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



# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017				
				Count	%	Count	%	Count	%	Count	%	Mean	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	290	90	10,324	81	29,505	76	160,783	76	<b>.4</b>	.8 ***	-0.17	.9 ***	-0.20	.9 ***	-0.19	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	18	6	1,524	12	6,617	17	35,486	16								
		4	3-5	8	3	383	3	1,257	3	6,905	3								
		8	6-10	4	1	283	2	818	2	4,052	2								
		13	11-15	0	0	128	1	359	1	1,990	1								
		18	16-20	0	0	43	0	132	0	695	0								
		23	More than 20	1	0	68	1	189	1	998	1								
		Total			321	100	12,753	100	38,877	100	210,909	100							
Estimated number of assigned pages of student writing.	wpages											<b>27.9</b>	43.5 ***	-0.23	48.8 ***	-0.32	50.4 ***	-0.33	
<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	20	7	688	6	1,189	3	9,795	5	<b>3.1</b>	3.1	.02	3.1	-0.05	3.0	.06	
		2	Sometimes	66	20	2,762	21	8,750	22	52,628	24								
		3	Often	102	31	4,260	33	13,226	33	69,652	32								
		4	Very often	134	42	5,184	40	16,523	41	81,953	38								
			Total	322	100	12,894	100	39,688	100	214,028	100								
b. People from an economic background other than your own	DDeconomic	1	Never	18	6	665	5	1,251	3	9,145	5	<b>3.0</b>	3.0	.01	3.1	-0.05	3.0	.03	
		2	Sometimes	75	24	2,874	23	8,710	22	50,250	24								
		3	Often	101	30	4,641	36	14,782	37	79,073	37								
		4	Very often	126	40	4,669	36	14,859	37	74,949	35								
			Total	320	100	12,849	100	39,602	100	213,417	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	18	6	822	7	1,624	4	14,568	7	<b>3.0</b>	3.0	.01	3.1	-0.09	2.9	.06	
		2	Sometimes	84	27	3,127	24	9,032	23	56,640	26								
		3	Often	99	29	4,205	33	13,493	34	69,370	32								
		4	Very often	118	38	4,686	36	15,432	39	72,823	34								
			Total	319	100	12,840	100	39,581	100	213,401	100								
d. People with political views other than your own	DDpolitical	1	Never	14	4	717	6	1,748	4	12,298	6	<b>3.0</b>	3.0	.05	3.0	.02	3.0	.10	
		2	Sometimes	85	28	3,239	25	10,342	26	57,242	27								
		3	Often	95	27	4,262	33	13,183	33	71,062	33								
		4	Very often	127	40	4,624	36	14,267	37	72,650	34								
			Total	321	100	12,842	100	39,540	100	213,252	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public	Carnegie Class	NSSE 2016 & 2017		
				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	10	3	250	2	688	2	3,315	2	<b>2.9</b>	3.0	-.08	3.0 *	-.11	3.0 **	-.15
		2	Sometimes	80	26	2,977	24	8,310	22	43,834	21							
		3	Often	153	47	6,113	47	19,082	48	102,390	48							
		4	Very often	75	24	3,434	27	11,314	28	62,594	29							
		Total		318	100	12,774	100	39,394	100	212,133	100							
b. Reviewed your notes after class	LSnotes	1	Never	17	6	558	5	1,888	5	9,800	5	<b>2.9</b>	2.9	.01	2.8	.07	2.9	.01
		2	Sometimes	87	29	3,798	30	12,386	32	62,975	30							
		3	Often	115	34	4,577	36	13,970	35	76,251	36							
		4	Very often	100	31	3,836	29	11,127	27	63,019	29							
		Total		319	100	12,769	100	39,371	100	212,045	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	29	9	863	7	2,399	6	12,412	6	<b>2.7</b>	2.8	-.08	2.8	-.06	2.8	-.11
		2	Sometimes	98	32	4,065	32	12,593	33	65,727	31							
		3	Often	122	37	4,799	38	15,138	38	82,511	39							
		4	Very often	68	21	3,001	24	9,049	22	50,499	24							
		Total		317	100	12,728	100	39,179	100	211,149	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	3	1	121	1	279	1	1,602	1	<b>5.4</b>	5.4	-.02	5.4	-.04	5.4	-.06
		2		6	2	180	2	441	1	2,360	1							
		3		13	5	627	5	1,627	4	8,554	4							
		4		40	13	1,580	12	4,447	12	23,668	12							
		5		102	32	4,232	33	13,435	34	69,903	33							
		6		83	25	2,999	24	11,070	28	57,585	27							
		7	Very much	70	22	2,974	23	7,944	20	47,479	23							
		Total		317	100	12,713	100	39,243	100	211,151	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		39	13	1,721	14	3,329	9	24,081	13	<b>8%</b>	7%	.06	9%	.00	8%	.02
		Do not plan to do		13	4	682	6	1,525	4	9,748	5							
		Plan to do		239	74	9,443	73	31,105	78	160,484	74							
		Done or in progress		26	8	838	7	3,242	9	16,454	8							
		Total		317	100	12,684	100	39,201	100	210,767	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	80	26	3,262	26	9,177	24	56,087	27	<b>10%</b>	12%	-.05	12%	-.07	11%	-.03	
			Do not plan to do	68	21	2,883	23	7,235	19	46,229	24								
			Plan to do	134	42	5,034	39	17,981	45	84,055	38								
			Done or in progress	33	10	1,475	12	4,704	12	23,833	11								
			Total	315	100	12,654	100	39,097	100	210,204	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	93	30	3,937	31	10,362	26	68,421	32	<b>16%</b>	14%	.07	18%	-.06	14%	.07	
			Do not plan to do	78	25	2,998	24	11,581	30	54,633	27								
			Plan to do	91	29	4,076	32	9,973	25	58,580	27								
			Done or in progress	54	16	1,603	14	7,097	18	27,820	14								
			Total	316	100	12,614	100	39,013	100	209,454	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	66	20	3,593	29	9,272	25	56,622	28	<b>2%</b>	3%	-.01	4%	-.07	3%	-.04	
			Do not plan to do	70	22	3,609	29	8,541	23	54,578	28								
			Plan to do	175	56	5,079	39	19,842	48	92,132	41								
			Done or in progress	7	2	345	3	1,358	4	6,323	3								
			Total	318	100	12,626	100	39,013	100	209,655	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	107	34	4,614	37	12,989	34	78,796	38	<b>3%</b>	5%	-.06	6%	-.12	5%	-.07	
			Do not plan to do	80	24	3,152	24	7,786	20	47,927	24								
			Plan to do	120	38	4,303	35	16,013	40	72,844	34								
			Done or in progress	11	3	540	5	2,128	6	9,700	5								
			Total	318	100	12,609	100	38,916	100	209,267	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	124	39	4,205	34	12,102	31	66,039	33	<b>2%</b>	2%	-.02	2%	-.01	2%	-.01	
			Do not plan to do	43	14	1,460	12	3,777	10	20,765	11								
			Plan to do	143	45	6,672	52	22,227	56	118,251	54								
			Done or in progress	5	2	269	2	805	2	4,099	2								
			Total	315	100	12,606	100	38,911	100	209,154	100								

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

servcourse	1	2	3	4	Total	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Effect size <sup>e</sup>
1	None	149	47	5,675	45	20,967	54	98,151	48	<b>1.6</b>
2	Some	139	44	5,604	44	15,265	39	91,474	43	
3	Most	22	7	1,050	8	2,172	6	15,754	8	
4	All	6	2	225	2	444	1	3,287	2	
	Total	316	100	12,554	100	38,848	100	208,666	100	

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	7	2	217	2	474	1	3,272	2	<b>5.3</b>	5.4	-.03	5.5 *	-0.11	5.4	-.06	
		2		9	3	290	2	685	2	4,201	2								
		3		18	6	719	6	1,840	5	10,705	5								
		4		39	12	1,770	14	4,545	12	25,340	12								
		5		86	26	3,359	27	10,316	26	54,536	26								
		6		82	27	2,954	23	11,050	28	55,102	26								
		7	Excellent	73	23	3,155	25	9,902	25	53,972	25								
		—	Not applicable	1	0	130	1	157	0	2,006	1								
			Total	315	100	12,594	100	38,969	100	209,134	100								
b. Academic advisors	QIadvisor	1	Poor	10	3	438	3	1,114	3	6,976	4	<b>5.2</b>	5.2	.01	5.2	-.01	5.2	-.01	
		2		11	4	577	4	1,740	4	9,413	5								
		3		35	11	1,045	8	3,012	8	16,187	8								
		4		43	13	1,880	15	5,590	14	28,766	13								
		5		63	20	2,556	20	8,412	22	42,541	20								
		6		68	22	2,489	20	8,504	22	43,537	21								
		7	Excellent	84	28	3,408	28	9,862	26	57,154	28								
		—	Not applicable	1	0	192	2	686	2	4,340	2								
			Total	315	100	12,585	100	38,920	100	208,914	100								
c. Faculty	QIfaculty	1	Poor	10	4	322	2	632	2	3,737	2	<b>5.1</b>	5.2	-.03	5.2	-.05	5.3	-.10	
		2		13	4	482	4	1,118	3	5,766	3								
		3		17	5	917	7	2,481	6	12,391	6								
		4		46	15	1,888	15	6,094	16	28,742	14								
		5		88	28	3,094	24	10,769	27	53,579	25								
		6		76	24	3,064	25	10,534	27	56,464	26								
		7	Excellent	61	20	2,629	21	6,806	18	45,560	22								
		—	Not applicable	1	0	151	1	388	1	2,188	1								
			Total	312	100	12,547	100	38,822	100	208,427	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	14	5	528	4	1,210	3	7,968	4	<b>5.0</b>	5.0	.02	5.0	.00	5.0	.01	
		2		14	4	617	5	1,512	4	8,751	4								
		3		25	7	942	7	2,901	7	14,914	7								
		4		44	14	1,773	14	5,908	15	28,995	14								
		5		75	23	2,696	21	9,119	23	45,028	21								
		6		52	17	2,459	19	8,518	22	43,797	20								
		7	Excellent	74	24	2,510	20	6,795	18	40,508	19								
		—	Not applicable	17	5	1,013	9	2,849	8	18,441	11								
	Total			315	100	12,538	100	38,812	100	208,402	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	16	6	565	5	1,534	4	8,503	4	<b>4.9</b>	4.9	-.02	4.9	.03	5.0	-.03	
		2		14	5	667	5	1,921	5	10,195	5								
		3		30	9	1,089	9	3,225	8	16,487	8								
		4		45	14	1,985	15	6,334	16	31,143	15								
		5		77	23	2,729	21	8,767	22	45,748	21								
		6		48	16	2,407	19	7,512	19	42,898	20								
		7	Excellent	66	22	2,508	21	5,700	15	39,725	19								
		—	Not applicable	18	6	610	5	3,881	10	14,027	7								
	Total			314	100	12,560	100	38,874	100	208,726	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	7	2	239	2	490	1	2,997	2	<b>3.1</b>	3.1	.04	3.2	-.03	3.1	.00	
		2	Some	55	19	2,131	18	6,074	16	32,360	17								
		3	Quite a bit	125	42	5,662	47	17,638	47	94,473	47								
		4	Very much	112	37	3,962	33	13,107	35	69,897	34								
			Total	299	100	11,994	100	37,309	100	199,727	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	11	4	418	4	1,029	3	6,317	4	<b>3.0</b>	3.0	.00	3.1	-.02	3.1	-.01	
		2	Some	61	21	2,469	21	7,337	20	38,494	20								
		3	Quite a bit	126	42	5,049	42	16,661	45	85,992	43								
		4	Very much	101	33	3,973	33	12,030	32	67,525	33								
			Total	299	100	11,909	100	37,057	100	198,328	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	22	8	677	6	1,885	5	10,481	6	<b>3.0</b>	3.1	-.06	3.1	-.03	3.1	-.05	
		2	Some	50	18	2,060	17	6,769	19	34,610	18								
		3	Quite a bit	111	36	4,406	37	14,881	40	75,669	38								
		4	Very much	116	38	4,766	39	13,501	36	77,585	38								
			Total	299	100	11,909	100	37,036	100	198,345	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech				Southwest Public				Carnegie Class				NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	38	14	1,070	9	3,157	9	19,548	10	<b>2.7</b>	2.8 *	-0.16	2.8 *	-0.13	2.8	-0.10							
		2	Some	87	30	3,145	26	10,264	28	54,739	28														
		3	Quite a bit	94	30	4,289	36	13,515	36	70,913	36														
		4	Very much	77	26	3,401	28	10,110	27	52,962	26														
		Total		296	100	11,905	100	37,046	100	198,162	100														
e. Providing opportunities to be involved socially	SEsocial	1	Very little	19	7	632	6	1,484	4	10,513	6	<b>3.0</b>	3.0	.01	3.0	-0.04	3.0	.04							
		2	Some	61	22	2,636	22	7,785	21	43,760	23														
		3	Quite a bit	109	36	4,761	40	15,588	42	80,794	40														
		4	Very much	107	35	3,870	32	12,152	32	62,844	31														
		Total		296	100	11,899	100	37,009	100	197,911	100														
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	16	6	699	6	1,630	5	12,084	7	<b>3.0</b>	3.0	.03	3.0	-0.06	2.9	.05							
		2	Some	67	24	2,730	23	7,669	21	44,671	23														
		3	Quite a bit	110	36	4,667	39	15,377	41	79,644	40														
		4	Very much	104	34	3,755	31	12,264	33	61,182	30														
		Total		297	100	11,851	100	36,940	100	197,581	100														
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	49	17	2,235	19	6,962	19	39,690	21	<b>2.5</b>	2.4	.05	2.4 *	.12	2.4 *	.12							
		2	Some	110	37	4,108	35	13,973	38	71,719	36														
		3	Quite a bit	79	26	3,622	30	10,797	29	57,092	29														
		4	Very much	58	20	1,872	16	5,178	14	28,940	15														
		Total		296	100	11,837	100	36,910	100	197,441	100														
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	16	6	863	8	2,008	6	16,596	10	<b>2.9</b>	2.9	.10	2.9	.02	2.8 **	.15							
		2	Some	70	25	3,012	26	8,860	24	49,429	25														
		3	Quite a bit	114	38	4,675	39	15,336	41	77,389	38														
		4	Very much	97	31	3,295	27	10,693	29	53,796	26														
		Total		297	100	11,845	100	36,897	100	197,210	100														
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	49	17	1,684	14	4,066	11	26,217	15	<b>2.5</b>	2.6	-0.03	2.6	-0.07	2.6	-0.02							
		2	Some	99	34	3,893	33	12,648	35	64,879	33														
		3	Quite a bit	84	27	3,983	33	13,317	36	68,025	33														
		4	Very much	65	22	2,258	19	6,824	18	37,840	18														
		Total		297	100	11,818	100	36,855	100	196,961	100														

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	3	1	56	1	145	0	732	0	<b>14.5</b>	13.8	.08	15.7 *	-14	14.7	-.03	
	(Recorded version of tmpprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	41	14	1,660	14	3,407	10	22,613	12								
	8	6-10 hrs	78	25	2,984	25	7,531	20	43,151	23									
	13	11-15 hrs	49	16	2,720	23	8,349	22	43,698	22									
	18	16-20 hrs	60	20	2,081	17	7,714	21	39,162	19									
	23	21-25 hrs	29	10	1,146	10	4,813	13	23,927	12									
	28	26-30 hrs	14	5	585	5	2,456	7	12,005	6									
	33	More than 30 hrs	21	8	599	5	2,486	7	11,783	6									
	Total			295	100	11,831	100	36,901	100	197,071	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcoccrrhrs	0	0 hrs	86	31	3,952	35	8,864	25	57,681	33	<b>4.8</b>	5.6 *	-.11	6.1 ***	-.20	5.7 **	-.13	
	(Recorded version of tmcoccurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	107	36	3,721	31	13,381	36	65,998	32								
	8	6-10 hrs	60	20	1,837	15	7,082	19	32,951	16									
	13	11-15 hrs	27	9	1,088	9	3,752	10	18,579	9									
	18	16-20 hrs	6	2	618	5	2,033	6	11,287	6									
	23	21-25 hrs	7	2	294	2	919	3	5,276	3									
	28	26-30 hrs	0	0	108	1	303	1	1,919	1									
	33	More than 30 hrs	1	0	166	2	415	1	2,599	1									
	Total			294	100	11,784	100	36,749	100	196,290	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	249	85	9,833	83	28,951	79	151,899	79	<b>2.2</b>	2.4	-.02	2.5	-.05	2.4	-.03	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	2	241	2	1,124	3	9,117	4								
	8	6-10 hrs	7	3	356	3	2,560	7	15,688	7									
	13	11-15 hrs	9	3	512	4	2,264	6	9,895	5									
	18	16-20 hrs	16	5	573	5	1,177	3	6,366	3									
	23	21-25 hrs	1	0	199	2	472	1	2,031	1									
	28	26-30 hrs	0	0	43	0	108	0	552	0									
	33	More than 30 hrs	4	1	52	0	149	0	1,025	1									
	Total			293	100	11,809	100	36,805	100	196,573	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017			
				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	220	76	7,731	65	27,673	75	136,529	67	<b>4.3</b>	6.2 *** ▽	-0.19	3.7	.08	5.8 ** ▽	-.15
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	2	529	4	1,611	4	9,099	4							
	8	6-10 hrs	7	2	553	5	1,754	5	10,159	5								
	13	11-15 hrs	13	4	714	6	1,761	5	10,091	5								
	18	16-20 hrs	25	9	777	6	1,733	5	10,517	6								
	23	21-25 hrs	7	2	586	5	1,149	3	7,311	4								
	28	26-30 hrs	11	4	392	3	521	1	4,164	2								
	33	More than 30 hrs	4	1	531	5	603	2	8,634	6								
	Total			294	100	11,813	100	36,805	100	196,504	100							
Estimated number of hours working for pay	tmworkhrs											<b>6.5</b>	8.5 ** ▽	-0.17	6.1	.04	8.1 * ▽	-.14
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	146	53	6,112	52	20,589	57	109,852	57	<b>2.4</b>	3.1 ** ▽	-0.14	2.4	-0.01	2.5	-0.04
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	111	35	3,782	31	11,834	32	62,953	31							
	8	6-10 hrs	24	8	930	8	2,177	6	12,360	7								
	13	11-15 hrs	8	3	470	4	1,052	3	5,368	3								
	18	16-20 hrs	3	1	245	2	563	2	2,979	2								
	23	21-25 hrs	1	0	138	1	298	1	1,380	1								
	28	26-30 hrs	0	0	46	0	75	0	444	0								
	33	More than 30 hrs	0	0	66	1	111	0	829	0								
	Total			293	100	11,789	100	36,699	100	196,165	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	6	2	281	3	475	1	3,717	2	<b>11.8</b>	11.8	-0.01	12.9 * ▽	-0.14	12.1	-0.04
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	66	23	2,801	24	6,305	17	42,202	22							
	8	6-10 hrs	92	30	3,193	27	10,164	27	54,347	27								
	13	11-15 hrs	52	18	2,331	19	8,477	23	40,879	20								
	18	16-20 hrs	37	12	1,488	13	5,467	15	26,244	13								
	23	21-25 hrs	15	5	681	6	2,580	7	12,070	6								
	28	26-30 hrs	7	3	298	3	1,093	3	5,390	3								
	33	More than 30 hrs	17	7	717	6	2,188	6	11,461	6								
	Total			292	100	11,790	100	36,749	100	196,310	100							

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



# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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 2016 & 2017								Your first-year students compared with							
				Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017				
				Count	%	Count	%	Count	%	Count	%	Mean	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	258	88	8,624	73	30,618	83	152,218	75	<b>1.3</b>	3.0 ***	-0.24	1.6	-0.05	3.1 ***	-0.23	
		3	1-5 hrs	14	4	1,362	12	2,830	8	18,996	10								
		8	6-10 hrs	8	3	604	5	1,226	3	8,180	5								
		13	11-15 hrs	6	2	424	4	849	2	5,086	3								
		18	16-20 hrs	4	2	271	2	519	1	3,214	2								
		23	21-25 hrs	0	0	137	1	307	1	1,762	1								
		28	26-30 hrs	1	0	54	0	71	0	789	1								
		33	More than 30 hrs	3	1	296	3	276	1	5,693	4								
			Total			294	100	11,772	100	36,696	100								195,938
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	119	40	3,682	32	14,695	39	91,454	44	<b>3.5</b>	5.0 ***	-0.23	3.8	-0.07	3.8	-0.06	
		3	1-5 hrs	115	39	4,732	40	14,298	39	66,228	34								
		8	6-10 hrs	40	13	1,772	15	4,466	13	21,278	12								
		13	11-15 hrs	10	4	756	6	1,734	5	8,405	5								
		18	16-20 hrs	7	3	379	3	787	2	4,040	2								
		23	21-25 hrs	2	1	179	2	389	1	1,903	1								
		28	26-30 hrs	0	0	83	1	116	0	786	0								
		33	More than 30 hrs	1	0	203	2	299	1	2,305	1								
			Total			294	100	11,786	100	36,784	100								196,399
<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	61	21	1,574	14	5,063	15	21,838	12	<b>2.5</b>	2.7 **	-0.19	2.6 *	-0.14	2.8 ***	-0.28	
		2	Some	102	35	4,056	34	12,928	36	63,311	33								
		3	About half	71	25	3,504	29	10,098	27	58,060	29								
		4	Most	45	15	1,916	16	6,482	17	39,091	19								
		5	Almost all	11	4	736	6	2,210	6	13,986	7								
			Total			290	100	11,786	100	36,781	100								196,286
	tmreadinghrs											<b>5.5</b>	6.1	-0.11	6.6 **	-0.18	6.8 ***	-0.22	
<i>(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)</i>																			

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
(Collapsed version of tmreadinghrs created by NSSE.)	tmreadinghrscol	1	0 hrs	3	1	54	1	142	0	709	0	2.7	2.8 *	-0.13	2.7	.02	2.8 *	-0.14
		2	More than zero, up to 5 hrs	174	59	6,438	55	18,019	51	93,220	50							
		3	More than 5, up to 10 hrs	71	25	3,245	27	11,069	30	58,971	29							
		4	More than 10, up to 15 hrs	25	9	1,039	9	3,853	10	21,452	10							
		5	More than 15, up to 20 hrs	13	5	493	4	1,969	5	11,239	5							
		6	More than 20, up to 25 hrs	4	1	322	3	1,188	3	7,201	3							
		7	More than 25 hrs	0	0	150	1	403	1	2,742	1							
		Total		290	100	11,741	100	36,643	100	195,534	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	25	9	894	8	3,460	10	13,654	7	2.7	2.8 *	-0.13	2.7	.02	2.8 *	-0.14
		2	Some	86	31	3,223	27	11,125	31	53,234	27							
		3	Quite a bit	125	42	4,928	42	14,954	40	84,240	43							
		4	Very much	50	18	2,683	23	7,120	19	44,256	23							
		Total		286	100	11,728	100	36,659	100	195,384	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	34	13	1,193	10	5,097	14	20,897	11	2.6	2.7	-0.07	2.5 *	.13	2.7	-0.02
		2	Some	80	28	3,612	31	12,427	34	61,392	31							
		3	Quite a bit	118	41	4,445	38	13,063	35	74,368	38							
		4	Very much	54	19	2,460	22	6,007	16	38,685	20							
		Total		286	100	11,710	100	36,594	100	195,342	100							
c. Thinking critically and analytically	pgthink	1	Very little	5	2	367	3	1,173	4	6,113	4	3.1	3.1	.04	3.1	.06	3.1	.05
		2	Some	55	20	2,332	20	7,116	20	37,088	19							
		3	Quite a bit	129	44	5,162	44	16,557	45	87,322	44							
		4	Very much	97	34	3,858	33	11,745	32	64,855	33							
		Total		286	100	11,719	100	36,591	100	195,378	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	28	10	1,235	10	4,097	11	25,851	13	2.8	2.7	.11	2.7	.09	2.6 **	.18
		2	Some	76	27	3,641	31	10,667	29	61,750	31							
		3	Quite a bit	107	36	4,325	37	13,641	37	68,970	35							
		4	Very much	75	28	2,520	22	8,190	23	38,703	21							
		Total		286	100	11,721	100	36,595	100	195,274	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	36	14	1,692	14	5,008	14	25,889	14	<b>2.6</b>	2.6	.01	2.6	.01	2.6	-.01	
		2	Some	98	34	3,787	32	12,074	33	63,341	32								
		3	Quite a bit	90	30	4,025	34	12,668	34	67,344	34								
		4	Very much	62	22	2,212	19	6,835	19	38,720	20								
		Total		286	100	11,716	100	36,585	100	195,294	100								
f. Working effectively with others	pgothers	1	Very little	18	7	780	7	2,522	7	12,559	7	<b>2.8</b>	2.9	-.08	2.8	-.01	2.8	-.05	
		2	Some	86	31	3,141	27	10,631	30	53,439	28								
		3	Quite a bit	112	38	4,787	40	14,943	40	80,654	40								
		4	Very much	70	24	3,008	26	8,464	23	48,523	25								
		Total		286	100	11,716	100	36,560	100	195,175	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	30	12	1,265	11	4,558	13	20,533	12	<b>2.7</b>	2.7	.01	2.6	.10	2.7	.02	
		2	Some	85	30	3,293	28	10,873	30	55,219	29								
		3	Quite a bit	94	33	4,502	38	13,563	36	73,927	37								
		4	Very much	76	26	2,644	23	7,567	20	45,440	23								
		Total		285	100	11,704	100	36,561	100	195,119	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	29	11	947	9	3,199	9	17,842	10	<b>2.8</b>	2.9	-.11	2.8	-.02	2.8	-.03	
		2	Some	80	29	2,934	25	10,163	28	53,658	28								
		3	Quite a bit	97	33	4,498	38	13,949	37	73,022	37								
		4	Very much	79	27	3,327	28	9,263	25	50,558	26								
		Total		285	100	11,706	100	36,574	100	195,080	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	28	11	1,329	12	3,927	11	21,773	12	<b>2.7</b>	2.7	.00	2.6	.01	2.6	.02	
		2	Some	94	34	3,804	32	12,012	33	64,440	33								
		3	Quite a bit	102	34	4,161	35	13,437	36	70,152	35								
		4	Very much	60	21	2,397	21	7,173	20	38,611	20								
		Total		284	100	11,691	100	36,549	100	194,976	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	28	12	1,186	11	3,925	12	21,432	12	<b>2.7</b>	2.7	-.02	2.6	.05	2.7	.03	
		2	Some	86	30	3,531	30	11,491	32	60,573	31								
		3	Quite a bit	103	35	4,367	37	13,593	36	70,855	36								
		4	Very much	68	23	2,586	23	7,423	20	41,610	21								
		Total		285	100	11,670	100	36,432	100	194,470	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	8	3	215	2	585	2	3,730	2	<b>3.3</b>	3.2 **	.17	3.2 *	.13	3.2 **	.18	
		2	Fair	24	9	1,447	13	4,014	11	23,146	13								
		3	Good	111	39	5,688	48	17,681	48	93,250	48								
		4	Excellent	145	49	4,352	37	14,317	39	75,028	37								
			Total	288	100	11,702	100	36,597	100	195,154	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	11	4	389	3	984	3	7,234	4	<b>3.3</b>	3.2 *	.15	3.3	.08	3.2 **	.16	
		2	Probably no	29	11	1,432	12	3,805	10	23,493	12								
		3	Probably yes	88	31	4,867	42	15,142	41	80,614	41								
		4	Definitely yes	160	54	5,016	42	16,718	45	84,027	42								
			Total	288	100	11,704	100	36,649	100	195,368	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	48	5	843	4	2,192	4	7,630	3	<b>2.9</b>	3.0 ***	-0.12	2.9	-0.02	3.1 ***	-0.21	
		2	Sometimes	299	32	6,719	28	19,315	32	77,762	25								
		3	Often	270	29	7,531	31	19,703	32	100,195	31								
		4	Very often	316	34	9,039	38	20,523	33	133,421	41								
		Total		933	100	24,132	100	61,733	100	319,008	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	250	27	4,733	20	15,194	26	65,948	21	<b>2.3</b>	2.5 ***	-0.18	2.3	.02	2.4 ***	-0.13	
		2	Sometimes	308	33	8,271	34	22,593	37	113,108	35								
		3	Often	225	24	6,421	27	14,633	24	80,796	26								
		4	Very often	141	15	4,554	19	8,860	14	57,059	18								
		Total		924	100	23,979	100	61,280	100	316,911	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	71	8	1,527	6	5,012	8	19,089	6	<b>2.9</b>	3.0 ***	-0.15	2.8 *	.07	3.0 ***	-0.13	
		2	Often	139	15	3,381	14	11,311	18	45,342	14								
		3	Sometimes	535	58	12,714	52	33,592	55	172,164	54								
		4	Never	175	19	6,332	27	11,296	18	79,891	26								
		Total		920	100	23,954	100	61,211	100	316,486	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	411	45	11,732	50	25,988	43	135,355	45	<b>1.8</b>	1.7	.06	1.8	-0.05	1.8	-0.03	
		2	Sometimes	341	37	8,079	33	23,663	39	116,335	36								
		3	Often	106	11	2,587	10	7,323	12	39,674	12								
		4	Very often	61	6	1,506	6	4,077	7	24,461	7								
		Total		919	100	23,904	100	61,051	100	315,825	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	134	15	3,546	16	6,289	11	42,199	15	<b>2.5</b>	2.4 **	.10	2.5	-0.05	2.4 *	.07	
		2	Sometimes	352	39	10,027	42	24,955	41	132,108	42								
		3	Often	263	28	6,630	26	19,287	31	93,203	28								
		4	Very often	165	18	3,670	15	10,403	17	48,022	15								
		Total		914	100	23,873	100	60,934	100	315,532	100								
f. Explained course material to one or more students	CLexplain	1	Never	58	7	1,589	7	2,483	4	18,371	7	<b>2.8</b>	2.7 ***	.13	2.8	.00	2.7 **	.09	
		2	Sometimes	284	31	8,479	36	20,391	33	108,641	35								
		3	Often	340	37	8,721	36	24,278	40	119,779	37								
		4	Very often	229	25	5,049	21	13,693	23	68,277	21								
		Total		911	100	23,838	100	60,845	100	315,068	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	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	165	18	4,536	21	8,680	15	55,401	19	<b>2.5</b>	2.4 *	.08	2.6	-0.05	2.5	.05
		2	Sometimes	300	33	8,084	34	20,888	35	106,807	34							
		3	Often	248	27	6,444	26	18,200	29	90,277	28							
		4	Very often	194	21	4,715	19	12,893	21	61,764	19							
		Total		907	100	23,779	100	60,661	100	314,249	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	74	8	1,966	9	3,018	5	21,444	8	<b>2.8</b>	2.8	.06	2.9 *	-0.08	2.8	.01
		2	Sometimes	254	28	6,958	30	16,901	28	89,479	29							
		3	Often	319	35	8,278	34	22,045	36	113,537	35							
		4	Very often	257	29	6,503	27	18,557	30	89,108	28							
		Total		904	100	23,705	100	60,521	100	313,568	100							
i. Given a course presentation	present	1	Never	109	12	3,540	16	6,221	11	33,895	12	<b>2.6</b>	2.6 *	.07	2.6	-0.02	2.7	-0.06
		2	Sometimes	309	34	7,800	34	21,204	36	95,457	31							
		3	Often	292	32	7,228	30	19,299	32	103,341	32							
		4	Very often	193	22	5,156	21	13,779	22	80,806	25							
		Total		903	100	23,724	100	60,503	100	313,499	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	34	4	981	4	1,747	3	10,422	4	<b>2.9</b>	2.9	.05	2.9	.00	2.9	.01
		2	Sometimes	242	27	6,606	29	16,028	27	83,045	27							
		3	Often	359	40	9,419	40	25,095	42	128,197	41							
		4	Very often	261	29	6,510	27	16,880	28	88,744	28							
		Total		896	100	23,516	100	59,750	100	310,408	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	94	11	1,971	9	4,606	8	19,740	7	<b>2.6</b>	2.7 ***	-.13	2.7 **	-.11	2.8 ***	-.19
		2	Sometimes	320	37	7,511	32	19,764	34	94,796	31							
		3	Often	292	32	8,298	35	20,987	35	114,128	36							
		4	Very often	184	21	5,653	24	14,174	23	80,678	25							
		Total		890	100	23,433	100	59,531	100	309,342	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	172	21	3,595	16	8,846	16	34,381	13	<b>2.4</b>	2.5 ***	-.17	2.5 ***	-.13	2.6 ***	-.26
		2	Sometimes	325	37	8,149	35	21,177	36	105,633	35							
		3	Often	226	25	6,796	29	17,559	29	98,805	31							
		4	Very often	156	17	4,831	21	11,728	19	69,481	22							
		Total		879	100	23,371	100	59,310	100	308,300	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	61	7	1,213	5	3,096	6	13,105	5	<b>2.7</b>	2.8 ***	-0.12	2.8 *	-0.07	2.8 ***	-0.14	
		2	Sometimes	290	33	6,967	30	18,418	31	89,554	29								
		3	Often	348	39	9,759	42	24,964	42	133,557	43								
		4	Very often	177	20	5,349	23	12,555	21	71,101	23								
		Total		876	100	23,288	100	59,033	100	307,317	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	43	5	751	3	1,974	4	8,391	3	<b>2.9</b>	3.0 **	-0.10	2.9	-0.06	3.0 **	-0.10	
		2	Sometimes	231	27	5,785	25	15,393	27	75,487	25								
		3	Often	358	41	10,106	43	25,532	43	136,237	44								
		4	Very often	224	26	6,547	28	15,845	27	85,806	28								
		Total		856	100	23,189	100	58,744	100	305,921	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	31	4	499	2	1,256	2	5,737	2	<b>2.8</b>	2.9 ***	-0.15	2.9 ***	-0.13	3.0 ***	-0.16	
		2	Sometimes	274	32	6,343	28	15,916	28	80,372	27								
		3	Often	353	41	10,135	44	26,058	44	136,179	44								
		4	Very often	192	23	6,101	26	15,241	26	82,387	26								
		Total		850	100	23,078	100	58,471	100	304,675	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	13	2	247	1	614	1	2,720	1	<b>3.1</b>	3.2 *	-0.09	3.2	-0.06	3.2 **	-0.11	
		2	Sometimes	168	20	3,754	17	9,724	17	46,177	16								
		3	Often	369	44	10,518	45	27,109	46	140,904	46								
		4	Very often	290	35	8,466	37	20,781	35	113,646	37								
		Total		840	100	22,985	100	58,228	100	303,447	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	185	23	4,865	23	10,389	19	50,604	18	<b>2.4</b>	2.3	.03	2.4	-0.01	2.4 *	-0.07	
		2	Sometimes	311	37	8,951	39	24,399	42	118,075	39								
		3	Often	193	23	5,317	22	14,021	23	77,185	24								
		4	Very often	153	18	3,867	16	9,451	16	57,809	18								
		Total		842	100	23,000	100	58,260	100	303,673	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	343	41	10,498	47	24,037	42	124,288	44	<b>1.9</b>	1.9	.07	1.9	.00	1.9	.00	
		2	Sometimes	276	33	6,630	28	18,546	32	93,163	30								
		3	Often	138	16	3,392	14	9,323	16	50,072	16								
		4	Very often	79	10	2,447	10	6,207	10	35,447	11								
		Total		836	100	22,967	100	58,113	100	302,970	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	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	237	28	7,294	33	15,153	26	78,065	28	<b>2.1</b>	2.1 *	.08	2.1	.00	2.2	-.02
		2	Sometimes	347	42	8,802	38	25,341	44	122,766	40							
		3	Often	155	19	4,412	19	11,734	20	65,975	21							
		4	Very often	92	11	2,364	10	5,695	10	35,322	11							
		Total		831	100	22,872	100	57,923	100	302,128	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	208	25	5,850	27	14,778	26	66,024	23	<b>2.2</b>	2.1	.06	2.1 **	.11	2.2	-.01
		2	Sometimes	342	42	9,832	43	26,659	46	134,165	44							
		3	Often	194	24	4,836	20	11,457	19	68,118	22							
		4	Very often	84	10	2,362	10	5,008	8	33,618	11							
		Total		828	100	22,880	100	57,902	100	301,925	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	82	10	1,713	8	4,079	7	25,782	8	<b>2.7</b>	2.8	-.06	2.8 *	-.08	2.7	-.01
		2	Some	241	30	7,059	31	17,505	31	96,005	32							
		3	Quite a bit	323	39	9,098	39	23,097	40	117,573	39							
		4	Very much	173	21	5,003	22	13,272	23	62,482	21							
		Total		819	100	22,873	100	57,953	100	301,842	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	36	5	673	3	1,664	3	8,019	3	<b>3.0</b>	3.1	-.04	3.1	-.04	3.1	-.06
		2	Some	184	22	4,365	19	11,149	19	56,293	19							
		3	Quite a bit	317	39	10,114	44	25,756	44	135,240	45							
		4	Very much	280	35	7,675	33	19,212	33	101,638	33							
		Total		817	100	22,827	100	57,781	100	301,190	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	47	6	817	4	2,185	4	9,894	4	<b>3.0</b>	3.0 *	-.09	3.0	-.05	3.0 *	-.09
		2	Some	200	24	4,719	21	12,756	22	62,640	21							
		3	Quite a bit	295	37	9,758	43	24,326	42	128,909	43							
		4	Very much	263	33	7,453	33	18,341	32	98,756	33							
		Total		805	100	22,747	100	57,608	100	300,199	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	82	11	1,245	6	4,250	8	15,257	6	<b>2.8</b>	2.9 ***	-.19	2.8	-.04	2.9 ***	-.18
		2	Some	238	29	5,413	24	15,600	28	71,371	24							
		3	Quite a bit	267	33	9,524	41	23,144	40	127,394	42							
		4	Very much	217	27	6,536	29	14,559	25	85,792	28							
		Total		804	100	22,718	100	57,553	100	299,814	100							

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



# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	66	9	975	4	3,038	6	12,235	4	<b>2.8</b>	3.0 ***	-0.17	2.9	-0.06	2.9 ***	-0.16	
		2	Some	227	28	5,351	24	15,028	27	71,126	24								
		3	Quite a bit	293	36	9,851	43	24,519	42	131,391	44								
		4	Very much	216	27	6,504	29	14,847	25	84,631	28								
		Total		802	100	22,681	100	57,432	100	299,383	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	35	5	525	2	1,100	2	6,208	2	<b>3.0</b>	3.2 ***	-0.20	3.1 ***	-0.15	3.1 ***	-0.18	
		2	Some	180	22	3,958	17	10,317	18	50,759	17								
		3	Quite a bit	330	41	9,495	42	26,605	46	133,667	44								
		4	Very much	256	32	8,710	39	19,482	34	109,082	36								
		Total		801	100	22,688	100	57,504	100	299,716	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	41	5	807	4	1,538	3	8,812	3	<b>3.0</b>	3.1 ***	-0.15	3.1 **	-0.12	3.1 ***	-0.15	
		2	Some	177	22	4,202	19	11,111	19	54,266	18								
		3	Quite a bit	350	44	9,739	43	27,228	47	135,685	45								
		4	Very much	232	29	7,932	35	17,582	31	100,643	34								
		Total		800	100	22,680	100	57,459	100	299,406	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	32	4	926	4	1,591	3	9,893	4	<b>3.0</b>	3.1	-0.07	3.1 **	-0.09	3.1 **	-0.09	
		2	Some	177	22	4,452	20	11,086	19	55,727	19								
		3	Quite a bit	340	42	9,005	39	25,089	44	125,416	42								
		4	Very much	250	32	8,257	36	19,568	34	108,008	36								
		Total		799	100	22,640	100	57,334	100	299,044	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	117	15	2,668	12	7,219	13	30,310	11	<b>2.6</b>	2.7 ***	-0.14	2.6	-0.02	2.8 ***	-0.17	
		2	Some	269	33	6,600	29	18,690	33	85,110	29								
		3	Quite a bit	233	29	7,303	32	19,207	33	103,452	34								
		4	Very much	179	23	6,058	26	12,202	21	79,986	26								
		Total		798	100	22,629	100	57,318	100	298,858	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	126	16	1,957	9	4,942	9	20,976	8	<b>2.6</b>	2.8 ***	-0.27	2.7 ***	-0.16	2.8 ***	-0.30	
		2	Some	254	31	6,274	28	18,411	32	82,729	28								
		3	Quite a bit	265	34	8,344	37	22,161	39	118,074	39								
		4	Very much	147	19	5,993	26	11,639	20	76,238	25								
		Total		792	100	22,568	100	57,153	100	298,017	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	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	108	13	2,495	11	5,854	10	34,096	11	<b>2.6</b>	2.6	.00	2.7	-.07	2.6	-.01
		2	Sometimes	265	32	7,572	33	18,531	32	101,288	33							
		3	Often	260	34	8,045	36	20,386	36	104,871	36							
		4	Very often	161	22	4,462	20	12,468	22	58,102	20							
		Total		794	100	22,574	100	57,239	100	298,357	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	193	23	4,397	19	10,530	19	55,103	18	<b>2.3</b>	2.4 *	-.09	2.4 ***	-.12	2.4 **	-.11
		2	Sometimes	304	37	8,414	37	21,045	36	112,870	37							
		3	Often	178	24	6,328	28	16,363	28	85,028	29							
		4	Very often	116	15	3,421	15	9,271	16	45,057	16							
		Total		791	100	22,560	100	57,209	100	298,058	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	153	18	4,098	18	8,158	14	49,205	16	<b>2.4</b>	2.4	.01	2.5 **	-.12	2.4	-.04
		2	Sometimes	326	40	8,883	39	21,831	38	117,813	39							
		3	Often	206	27	6,645	29	18,594	32	90,822	31							
		4	Very often	110	15	2,961	13	8,671	15	40,590	14							
		Total		795	100	22,587	100	57,254	100	298,430	100							
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</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	58	9	1,830	9	3,726	7	14,914	6	<b>6.3</b>	6.5	-.04	7.0 **	-.11	7.7 ***	-.21
		1.5	1-2	163	24	4,464	22	10,564	20	47,579	18							
		4	3-5	186	28	6,157	30	15,152	29	77,781	28							
		8	6-10	140	21	4,136	20	11,327	21	62,191	22							
		13	11-15	48	7	1,789	9	5,362	10	30,553	11							
		18	16-20	22	3	944	4	2,820	5	17,063	6							
		23	More than 20	46	7	1,384	7	3,839	7	25,381	9							
Total		663	100	20,704	100	52,790	100	275,462	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	219	32	6,223	31	13,388	26	58,816	23	<b>2.8</b>	3.0	-.05	3.2 *	-.08	3.6 ***	-.17
		1.5	1-2	220	34	6,908	33	18,446	35	93,158	34							
		4	3-5	138	21	4,259	21	12,191	23	69,714	25							
		8	6-10	45	7	1,997	10	5,369	10	32,894	12							
		13	11-15	25	4	593	3	1,730	3	10,605	4							
		18	16-20	8	1	244	1	647	1	4,175	2							
		23	More than 20	5	1	286	1	652	1	4,112	2							
Total		660	100	20,510	100	52,423	100	273,474	100									

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	342	50	11,285	55	25,034	49	122,956	46	<b>2.0</b>	1.7 *	.08	1.8	.07	1.9	.02	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	188	29	5,926	29	18,139	34	98,498	35								
		4	3-5	68	11	1,762	9	5,406	10	30,683	11								
		8	6-10	38	6	740	4	1,961	4	10,819	4								
		13	11-15	12	2	374	2	886	2	4,722	2								
		18	16-20	7	1	154	1	354	1	2,070	1								
		23	More than 20	6	1	240	1	506	1	2,934	1								
		Total			661	100	20,481	100	52,286	100	272,682	100							
Estimated number of assigned pages of student writing.	wrpages											<b>71.3</b>	68.7	.03	72.3	-.01	80.0 *	-.09	
<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	35	5	1,147	6	1,939	4	13,296	5	<b>3.1</b>	3.1	.00	3.1	-.01	3.1	.07	
		2	Sometimes	131	20	3,980	19	11,411	22	65,376	23								
		3	Often	199	29	6,128	29	16,100	30	84,125	30								
		4	Very often	300	45	9,499	45	23,533	44	113,898	41								
			Total	665	100	20,754	100	52,983	100	276,695	100								
b. People from an economic background other than your own	DDeconomic	1	Never	32	5	1,077	6	1,785	4	11,199	5	<b>3.1</b>	3.1	.03	3.1	.01	3.1	.06	
		2	Sometimes	140	21	4,188	21	11,488	22	62,688	23								
		3	Often	206	31	6,907	33	18,468	35	97,688	35								
		4	Very often	286	43	8,529	41	21,138	40	104,444	38								
			Total	664	100	20,701	100	52,879	100	276,019	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	46	7	1,345	7	2,256	5	17,337	6	<b>3.0</b>	3.0	-.06	3.1 **	-.11	3.0	.01	
		2	Sometimes	166	26	4,664	23	11,902	23	72,258	26								
		3	Often	192	28	6,367	31	17,239	32	87,120	32								
		4	Very often	261	39	8,329	40	21,452	40	99,193	36								
			Total	665	100	20,705	100	52,849	100	275,908	100								
d. People with political views other than your own	DDpolitical	1	Never	39	6	1,253	6	2,440	5	15,076	6	<b>3.0</b>	3.0	.00	3.0	-.01	3.0	.05	
		2	Sometimes	162	25	4,886	24	13,925	26	73,684	26								
		3	Often	201	30	6,525	31	16,723	32	89,404	32								
		4	Very often	263	39	8,014	38	19,731	38	97,528	36								
			Total	665	100	20,678	100	52,819	100	275,692	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	33	5	429	2	1,434	3	5,668	2	<b>3.0</b>	3.1 ***	-0.19	3.1 **	-0.11	3.1 ***	-0.19	
		2	Sometimes	149	23	3,679	18	10,440	20	48,451	18								
		3	Often	260	39	9,058	44	22,532	42	118,894	43								
		4	Very often	215	32	7,441	36	18,236	34	101,873	37								
		Total		657	100	20,607	100	52,642	100	274,886	100								
b. Reviewed your notes after class	LSnotes	1	Never	49	8	1,237	6	4,419	9	20,859	8	<b>2.8</b>	2.9 **	-0.11	2.8	.07	2.8	-0.02	
		2	Sometimes	207	32	5,762	28	17,491	34	84,418	30								
		3	Often	207	31	7,058	34	16,758	31	90,040	33								
		4	Very often	195	29	6,529	32	13,939	26	79,341	29								
		Total		658	100	20,586	100	52,607	100	274,658	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	66	11	1,331	7	4,153	8	18,483	7	<b>2.7</b>	2.9 ***	-0.18	2.8	-0.05	2.8 **	-0.13	
		2	Sometimes	212	32	5,728	28	16,452	32	80,542	29								
		3	Often	213	32	7,675	37	18,862	36	101,586	37								
		4	Very often	163	25	5,797	28	12,915	24	73,002	27								
		Total		654	100	20,531	100	52,382	100	273,613	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	9	1	247	1	571	1	2,603	1	<b>5.5</b>	5.6	-0.08	5.4 *	.09	5.6	-0.03	
		2		13	2	295	2	831	2	3,796	2								
		3		26	4	797	4	2,407	5	10,262	4								
		4		81	13	2,001	10	5,899	11	26,630	10								
		5		169	26	5,239	25	16,671	31	78,177	28								
		6		144	22	5,247	26	14,031	27	74,888	27								
		7	Very much	210	32	6,673	33	11,988	23	77,160	29								
		Total		652	100	20,499	100	52,398	100	273,516	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		61	10	2,397	12	3,778	7	24,237	10	<b>43%</b>	37% **	.13	55% ***	-0.23	49% **	-0.12	
		Do not plan to do		110	17	3,828	20	7,393	15	44,639	17								
		Plan to do		196	30	6,423	31	12,163	23	63,438	24								
		Done or in progress		286	43	7,881	37	29,132	55	141,359	49								
		Total		653	100	20,529	100	52,466	100	273,673	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		
				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	79	13	2,774	14	4,800	9	29,754	12	<b>34%</b>	27% ***	.15	40% **	-0.13	35%	-0.02	▲	▼
			Do not plan to do	276	42	9,549	48	21,800	42	118,332	45									
			Plan to do	69	11	2,221	11	4,300	8	21,741	8									
			Done or in progress	229	34	5,917	27	21,441	40	103,285	35									
			Total	653	100	20,461	100	52,341	100	273,112	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	86	14	3,355	17	5,723	11	36,881	14	<b>23%</b>	20% *	.08	24%	-0.02	23%	.00	▲	
			Do not plan to do	329	51	10,219	51	29,226	57	142,909	53									
			Plan to do	75	12	2,574	13	4,535	8	25,753	10									
			Done or in progress	158	23	4,262	20	12,721	24	66,712	23									
			Total	648	100	20,410	100	52,205	100	272,255	100									
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	66	10	3,058	15	5,152	10	30,839	12	<b>19%</b>	8% ***	.34	18%	.04	14% ***	.15	▲	▲
			Do not plan to do	409	63	13,523	67	33,467	65	180,483	67									
			Plan to do	51	8	2,087	10	3,904	7	18,851	7									
			Done or in progress	124	19	1,763	8	9,733	18	42,428	14									
			Total	650	100	20,431	100	52,256	100	272,601	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	96	15	3,759	19	6,601	13	39,686	15	<b>18%</b>	17%	.01	27% ***	-0.23	23% ***	-0.14		▼
			Do not plan to do	322	49	9,752	48	24,972	47	133,748	49									
			Plan to do	117	19	3,240	16	6,502	13	31,432	12									
			Done or in progress	116	18	3,661	17	14,099	27	67,280	23									
			Total	651	100	20,412	100	52,174	100	272,146	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	72	11	2,672	13	4,052	8	24,279	10	<b>35%</b>	35%	.00	44% ***	-0.19	45% ***	-0.21		▼
			Do not plan to do	200	30	4,514	22	12,914	25	55,540	21									
			Plan to do	153	24	5,968	30	11,809	23	62,680	24									
			Done or in progress	225	35	7,250	35	23,430	44	129,679	45									
			Total	650	100	20,404	100	52,205	100	272,178	100									

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

servcourse	1	2	3	4	Total	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017			
None	288	46	8,507	43	24,147	48	101,499	40	<b>1.6</b>	1.7 **	-0.11	1.6	.05	1.7 ***	-0.14	▼
Some	302	46	9,083	44	23,549	44	136,493	49								
Most	39	6	2,261	11	3,612	6	27,982	10								
All	16	2	527	3	763	1	5,859	2								
Total	645	100	20,378	100	52,071	100	271,833	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		
				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>13. Indicate the quality of your interactions with the following people at your institution.</b>																				
a. Students	Q1student	1	Poor	8	1	305	2	684	1	3,181	1	<b>5.4</b>								
		2		12	2	389	2	813	2	4,263	2									
		3		37	6	923	5	2,218	4	11,015	4									
		4		85	14	2,173	11	5,544	11	27,738	10									
		5		156	24	4,645	23	13,122	25	65,771	24									
		6		163	25	5,109	25	14,891	28	75,112	27									
		7	Excellent	180	27	6,463	32	14,627	28	81,651	30									
		—	Not applicable	7	1	407	2	330	1	3,751	2									
			Total	648	100	20,414	100	52,229	100	272,482	100									
b. Academic advisors	Q1advisor	1	Poor	42	6	1,160	6	2,911	6	12,605	5	<b>5.2</b>								
		2		32	5	1,065	5	3,242	6	13,539	5									
		3		55	8	1,642	8	4,816	9	20,370	8									
		4		72	11	2,633	13	7,529	14	33,777	12									
		5		109	17	3,688	18	10,336	19	49,814	18									
		6		124	19	3,821	19	9,782	19	53,780	19									
		7	Excellent	209	32	6,105	30	12,950	26	84,250	31									
		—	Not applicable	5	1	271	1	596	1	4,040	2									
			Total	648	100	20,385	100	52,162	100	272,175	100									
c. Faculty	Q1faculty	1	Poor	15	3	456	2	861	2	4,054	2	<b>5.3</b>								
		2		11	2	589	3	1,328	3	5,869	2									
		3		46	7	1,028	5	2,961	6	12,425	5									
		4		83	13	2,316	11	6,834	13	29,900	11									
		5		161	24	4,349	21	13,731	26	62,617	23									
		6		164	25	5,389	26	14,729	28	78,659	28									
		7	Excellent	163	26	6,029	30	11,284	22	75,823	28									
		—	Not applicable	3	0	190	1	282	1	2,060	1									
			Total	646	100	20,346	100	52,010	100	271,407	100									

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	26	5	1,105	6	2,315	5	12,672	5	<b>4.8</b>	4.8	-.02	4.8	-.01	4.9	-.04	
		2		36	5	996	5	2,499	5	12,547	5								
		3		46	7	1,440	7	4,227	8	19,760	7								
		4		85	13	2,562	12	7,840	15	36,348	13								
		5		113	17	3,295	16	10,888	21	50,903	18								
		6		111	17	3,109	15	9,317	18	46,710	17								
		7	Excellent	102	15	3,695	18	7,852	15	45,953	17								
		—	Not applicable	126	20	4,103	21	7,080	14	46,612	19								
Total				645	100	20,305	100	52,018	100	271,505	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	39	6	1,128	6	2,793	5	13,830	5	<b>4.7</b>	4.9 **	-0.12	4.7	.01	4.9 *	-0.10	
		2		41	6	1,100	5	3,056	6	14,596	5								
		3		65	11	1,628	8	4,957	9	22,814	8								
		4		89	14	3,003	15	9,166	17	41,716	15								
		5		120	19	3,992	19	11,618	22	58,086	21								
		6		133	20	3,893	19	9,220	18	53,571	19								
		7	Excellent	106	17	4,410	22	7,237	14	52,169	20								
		—	Not applicable	52	8	1,221	6	4,103	8	15,282	6								
Total				645	100	20,375	100	52,150	100	272,064	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	16	3	407	2	878	2	4,842	2	<b>3.1</b>	3.1	-.01	3.2	-.02	3.1	-.01	
		2	Some	98	16	3,343	17	8,550	17	43,829	17								
		3	Quite a bit	271	45	8,844	45	22,992	45	120,330	46								
		4	Very much	208	35	6,966	36	18,118	36	94,049	35								
		Total				593	100	19,560	100	50,538	100								263,050
b. Providing support to help students succeed academically	SEacademic	1	Very little	40	7	1,051	6	2,455	5	12,141	5	<b>2.9</b>	2.9	-.06	2.9	-.01	2.9	-.07	
		2	Some	151	25	4,660	24	12,940	26	61,202	24								
		3	Quite a bit	232	40	8,172	42	22,272	44	113,177	43								
		4	Very much	163	28	5,567	29	12,579	25	74,873	28								
		Total				586	100	19,450	100	50,246	100								261,393
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	58	10	1,837	10	4,503	9	22,788	9	<b>2.8</b>	2.9	-.05	2.8	.03	2.8	-.03	
		2	Some	162	28	4,720	24	13,660	28	64,635	25								
		3	Quite a bit	197	33	7,129	36	19,545	38	99,664	38								
		4	Very much	166	29	5,780	30	12,566	25	74,521	28								
		Total				583	100	19,466	100	50,274	100								261,608

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	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	118	21	2,684	14	7,343	15	38,133	15	<b>2.4</b>	2.7 *** ▽	-.23	2.6 *** ▽	-.15	2.6 *** ▽	-.17
		2	Some	185	31	5,586	29	15,807	32	80,392	31							
		3	Quite a bit	179	31	6,381	33	16,076	31	84,386	32							
		4	Very much	100	17	4,811	25	10,972	22	58,344	22							
		Total		582	100	19,462	100	50,198	100	261,255	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	64	11	1,783	10	3,298	7	21,872	9	<b>2.8</b>	2.8	-.05	2.9 ** ▽	-.13	2.8	-.05
		2	Some	157	27	5,018	26	12,736	25	67,689	27							
		3	Quite a bit	213	37	7,270	37	20,171	40	101,711	38							
		4	Very much	149	25	5,360	27	13,977	28	69,774	26							
		Total		583	100	19,431	100	50,182	100	261,046	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	74	13	2,355	13	4,352	9	29,057	12	<b>2.7</b>	2.7	.04	2.8 * ▽	-.09	2.7	.02
		2	Some	161	27	5,420	28	12,751	25	70,544	27							
		3	Quite a bit	188	32	6,792	35	19,375	38	96,208	36							
		4	Very much	160	28	4,823	25	13,611	27	64,785	24							
		Total		583	100	19,390	100	50,089	100	260,594	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	222	39	6,459	33	16,473	34	85,578	34	<b>2.0</b>	2.1 * ▽	-.10	2.1	-.04	2.1	-.07
		2	Some	187	31	6,530	33	18,382	37	92,107	35							
		3	Quite a bit	108	19	4,055	21	10,345	20	54,716	21							
		4	Very much	63	11	2,353	12	4,853	10	28,134	11							
		Total		580	100	19,397	100	50,053	100	260,535	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	71	12	3,163	17	5,263	11	41,075	18	<b>2.7</b>	2.6 *** △	.18	2.8	-.01	2.6 *** △	.19
		2	Some	160	27	5,707	30	14,296	28	76,800	29							
		3	Quite a bit	195	34	6,327	32	18,560	37	88,925	33							
		4	Very much	155	26	4,157	21	11,882	25	53,211	20							
		Total		581	100	19,354	100	50,001	100	260,011	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	159	28	4,169	22	8,374	18	51,198	21	<b>2.2</b>	2.3 *** ▽	-.17	2.4 *** ▽	-.24	2.4 *** ▽	-.18
		2	Some	213	37	6,922	35	18,952	38	92,759	36							
		3	Quite a bit	139	24	5,365	28	15,483	30	76,964	29							
		4	Very much	67	11	2,864	15	7,118	14	38,785	14							
		Total		578	100	19,320	100	49,927	100	259,706	100							

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



# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017			
				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	0	0 hrs	2	0	79	0	246	1	1,044	0	<b>15.5</b>	14.8	.07	15.5	.00	15.2	.03
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	82	15	2,719	14	6,184	12	32,456	13							
	8	6-10 hrs	118	19	4,617	24	11,005	22	58,154	23								
	13	11-15 hrs	117	21	3,839	20	10,113	20	52,695	20								
	18	16-20 hrs	106	18	3,310	17	8,999	18	47,376	18								
	23	21-25 hrs	56	10	1,915	10	5,676	11	28,510	11								
	28	26-30 hrs	31	5	1,193	6	3,165	6	17,249	6								
	33	More than 30 hrs	63	11	1,686	9	4,634	10	22,595	9								
	Total		575	100	19,358	100	50,022	100	260,079	100								
	b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	208	37	9,320	51	16,697	35	104,900							
(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)		3	1-5 hrs	190	33	5,148	26	15,718	31	74,056	27							
8		6-10 hrs	77	13	2,116	10	8,170	16	34,604	13								
13		11-15 hrs	50	9	1,248	6	4,459	9	19,597	7								
18		16-20 hrs	26	5	735	4	2,535	5	12,781	5								
23		21-25 hrs	13	2	374	2	1,179	2	6,412	2								
28		26-30 hrs	2	0	141	1	442	1	2,732	1								
33		More than 30 hrs	7	1	221	1	659	1	4,189	2								
Total		573	100	19,303	100	49,859	100	259,271	100									
c. Working for pay on campus	tmworkonhrs	0	0 hrs	435	77	15,189	80	33,836	69	180,207	72	<b>3.9</b>	3.2	.09	4.2	-.04	3.6	.04
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	1	417	2	2,121	4	13,352	4							
	8	6-10 hrs	21	4	690	3	4,400	8	23,459	8								
	13	11-15 hrs	31	5	833	4	3,940	8	17,108	6								
	18	16-20 hrs	57	9	1,373	7	3,257	7	15,767	6								
	23	21-25 hrs	5	1	406	2	1,269	2	4,771	2								
	28	26-30 hrs	4	1	157	1	468	1	1,876	1								
	33	More than 30 hrs	14	3	252	1	578	1	2,944	1								
Total		575	100	19,317	100	49,869	100	259,484	100									

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	292	50	7,443	37	24,064	49	111,970	42	<b>10.8</b>	14.9 *** ▽	-0.30	9.9	.07	12.8 ***	-0.15	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	31	5	808	4	2,509	5	12,887	5								
		8	6-10 hrs	28	5	969	5	3,397	6	16,334	6								
		13	11-15 hrs	30	5	1,021	5	3,738	7	17,226	6								
		18	16-20 hrs	43	7	1,726	9	4,729	9	23,078	9								
		23	21-25 hrs	34	6	1,494	8	3,549	7	17,865	7								
		28	26-30 hrs	43	8	1,199	6	2,382	5	13,111	5								
		33	More than 30 hrs	76	14	4,658	26	5,462	11	46,820	21								
		Total			577	100	19,318	100	49,830	100	259,291	100							
Estimated number of hours working for pay	tmworkhrs											<b>14.6</b>	18.1 *** ▽	-0.25	14.0	.05	16.3 **	-0.13	
	(Continuous variable created by NSSE)																		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	270	49	9,280	49	24,959	51	123,939	49	<b>3.1</b>	3.4	-0.06	2.9	.02	3.2	-0.03	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	212	35	6,472	32	16,935	33	91,782	34								
		8	6-10 hrs	56	9	1,794	9	4,165	8	22,276	9								
		13	11-15 hrs	18	3	748	4	1,676	3	9,341	4								
		18	16-20 hrs	7	1	475	2	990	2	5,648	2								
		23	21-25 hrs	6	1	233	1	478	1	2,458	1								
		28	26-30 hrs	1	0	85	0	190	0	1,098	0								
		33	More than 30 hrs	7	1	208	1	364	1	2,380	1								
		Total			577	100	19,295	100	49,757	100	258,922	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	17	3	829	5	1,141	2	7,929	3	<b>10.9</b>	9.7 *** △	.15	11.7 *	-0.10	10.5	.04	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	158	26	6,413	34	11,234	23	73,641	29								
		8	6-10 hrs	173	29	5,263	27	14,247	28	73,742	28								
		13	11-15 hrs	92	16	3,016	15	10,107	20	46,590	18								
		18	16-20 hrs	79	14	1,846	10	6,454	13	28,774	11								
		23	21-25 hrs	19	3	768	4	2,837	6	12,153	5								
		28	26-30 hrs	14	3	392	2	1,244	3	5,485	2								
		33	More than 30 hrs	24	5	770	4	2,567	5	10,945	4								
		Total			576	100	19,297	100	49,831	100	259,259	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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 <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	417	72	10,693	54	37,441	75	169,145	63	<b>4.5</b>	8.3 *** ▼	-.31	3.6 * ▲	.10	6.4 *** ▼	-.17	
		3	1-5 hrs	52	9	2,290	12	4,451	9	26,909	10								
		8	6-10 hrs	29	5	1,236	7	2,054	4	12,613	5								
		13	11-15 hrs	7	1	676	4	1,266	3	8,145	3								
		18	16-20 hrs	10	2	646	4	1,025	2	6,898	3								
		23	21-25 hrs	9	1	375	2	532	1	3,671	2								
		28	26-30 hrs	2	0	298	2	299	1	2,732	1								
		33	More than 30 hrs	51	9	3,045	16	2,675	6	28,716	12								
Total				577	100	19,259	100	49,743	100	258,829	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	56	10	3,307	19	7,068	13	64,159	24	<b>5.0</b>	5.8 ** ▼	-.12	5.2	-.04	4.8	.03	
		3	1-5 hrs	370	64	9,361	47	28,045	57	127,472	49								
		8	6-10 hrs	96	17	3,784	20	9,120	19	40,427	16								
		13	11-15 hrs	29	5	1,414	7	3,023	6	13,703	6								
		18	16-20 hrs	9	1	593	3	1,176	2	5,662	2								
		23	21-25 hrs	4	1	260	1	523	1	2,474	1								
		28	26-30 hrs	2	0	134	1	241	0	1,305	1								
		33	More than 30 hrs	11	2	457	2	697	1	4,246	2								
Total				577	100	19,310	100	49,893	100	259,448	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	tmreadinghrs <i>(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)</i>	1	Very little	113	20	2,494	13	9,022	19	34,514	14	<b>2.7</b>	2.9 *** ▼	-.21	2.7	.00	2.9 *** ▼	-.17	
		2	Some	158	29	5,077	26	15,070	31	70,486	27								
		3	About half	148	26	5,539	29	12,061	24	71,857	28								
		4	Most	101	17	4,229	22	9,399	18	57,328	22								
		5	Almost all	53	8	1,948	10	4,272	8	25,127	9								
		Total				573	100	19,287	100	49,824	100								259,312
												<b>6.6</b>	7.4 ** ▼	-.12	6.6	.00	7.4 ** ▼	-.12	

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017			
				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>		
<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	tmreadinghrscol	1	0 hrs	2	0	78	0	242	1	1,023	0										
		2	More than zero, up to 5 hrs	296	53	8,987	46	25,073	52	117,629	46										
		3	More than 5, up to 10 hrs	156	27	5,615	29	14,242	28	76,684	29										
		4	More than 10, up to 15 hrs	52	9	2,006	10	4,709	9	28,867	11										
		5	More than 15, up to 20 hrs	38	7	1,185	6	2,799	6	16,563	6										
		6	More than 20, up to 25 hrs	14	2	861	5	1,761	3	11,883	4										
		7	More than 25 hrs	12	2	484	3	830	2	5,612	2										
			Total			570	100	19,216	100	49,656	100	258,261	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	42	8	1,216	7	3,379	7	13,978	6	<b>3.0</b>	3.0	-.01	2.9	.07	3.0	-.04
		2	Some	128	22	4,237	22	12,281	25	54,893	22							
		3	Quite a bit	208	36	7,365	38	19,081	38	100,280	38							
		4	Very much	193	34	6,399	33	15,025	30	89,371	34							
			Total	571	100	19,217	100	49,766	100	258,522	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	45	8	1,679	9	4,293	9	19,335	8	<b>2.9</b>	2.9	.01	2.8	.05	2.9	-.02
		2	Some	141	25	4,595	24	12,849	26	60,088	24							
		3	Quite a bit	213	36	6,949	36	18,272	36	96,698	37							
		4	Very much	172	30	6,008	31	14,312	28	82,453	31							
			Total	571	100	19,231	100	49,726	100	258,574	100							
c. Thinking critically and analytically	pgthink	1	Very little	22	4	520	3	1,175	3	5,928	3	<b>3.3</b>	3.3	.02	3.3	-.02	3.3	-.01
		2	Some	73	13	2,610	14	6,343	13	31,937	13							
		3	Quite a bit	200	34	7,261	37	18,687	37	96,266	37							
		4	Very much	277	49	8,843	46	23,512	48	124,541	47							
			Total	572	100	19,234	100	49,717	100	258,672	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	58	10	1,826	10	4,267	8	26,648	10	<b>2.9</b>	2.9	.04	3.0	-.04	2.9	.06
		2	Some	149	25	4,815	25	11,830	23	68,346	26							
		3	Quite a bit	169	29	6,554	34	16,612	33	84,966	33							
		4	Very much	196	36	6,050	31	16,970	35	78,569	31							
			Total	572	100	19,245	100	49,679	100	258,529	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	63	12	1,828	10	4,620	10	21,771	9	<b>2.9</b>	2.9	-.04	2.9	-.02	2.9	-.07	
		2	Some	139	24	4,565	24	12,359	25	59,800	23								
		3	Quite a bit	183	32	6,394	33	16,724	33	88,558	34								
		4	Very much	188	32	6,455	33	16,029	32	88,550	34								
		Total		573	100	19,242	100	49,732	100	258,679	100								
f. Working effectively with others	pgothers	1	Very little	39	7	1,115	6	2,451	5	12,410	6	<b>3.0</b>	3.0	-.05	3.0	-.06	3.0	-.07	
		2	Some	130	22	4,143	22	10,796	22	52,901	21								
		3	Quite a bit	210	37	7,054	36	19,094	38	98,802	38								
		4	Very much	194	33	6,911	35	17,331	34	94,276	36								
		Total		573	100	19,223	100	49,672	100	258,389	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	82	15	2,232	12	6,180	14	26,154	11	<b>2.7</b>	2.8 *	-.11	2.7	-.02	2.8 **	-.13	
		2	Some	156	28	4,633	24	13,147	27	61,323	24								
		3	Quite a bit	174	30	6,393	33	16,743	33	88,615	34								
		4	Very much	160	28	5,992	31	13,604	27	82,336	31								
		Total		572	100	19,250	100	49,674	100	258,428	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	70	13	1,912	10	5,035	11	24,998	11	<b>2.7</b>	2.9 ***	-.18	2.8 *	-.10	2.8 **	-.14	
		2	Some	176	31	4,671	25	13,401	27	67,104	26								
		3	Quite a bit	174	30	6,251	32	16,740	33	86,972	33								
		4	Very much	152	26	6,400	33	14,461	29	79,247	30								
		Total		572	100	19,234	100	49,637	100	258,321	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	69	13	1,973	11	4,543	10	23,332	10	<b>2.8</b>	2.8	-.02	2.8	-.03	2.8	-.03	
		2	Some	153	26	5,031	26	13,466	27	69,521	27								
		3	Quite a bit	181	31	6,529	34	17,647	35	91,813	35								
		4	Very much	168	30	5,681	29	13,991	28	73,570	28								
		Total		571	100	19,214	100	49,647	100	258,236	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	109	20	2,641	14	6,733	15	31,824	13	<b>2.6</b>	2.7 **	-.14	2.6	-.08	2.7 **	-.15	
		2	Some	163	29	5,527	29	14,803	30	74,278	29								
		3	Quite a bit	164	29	5,916	31	16,063	32	84,360	32								
		4	Very much	129	23	5,084	26	11,887	23	66,934	26								
		Total		565	100	19,168	100	49,486	100	257,396	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Texas Tech 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	Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017		Texas Tech		Southwest Public		Carnegie Class		NSSE 2016 & 2017	
				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	23	5	494	3	1,166	3	5,966	3	<b>3.2</b>	3.2	-.03	3.3	-.04	3.3	-.05	
		2	Fair	66	12	2,251	12	5,587	12	28,648	12								
		3	Good	225	40	8,193	43	21,695	43	110,362	43								
		4	Excellent	254	44	8,292	42	21,217	43	113,494	43								
			Total	568	100	19,230	100	49,665	100	258,470	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	29	6	877	5	1,882	4	11,750	5	<b>3.3</b>	3.2	.01	3.3	-.02	3.2	.03	
		2	Probably no	70	13	2,235	12	5,694	12	31,966	12								
		3	Probably yes	183	32	7,122	37	19,000	38	98,507	38								
		4	Definitely yes	287	49	9,002	46	23,190	47	116,590	45								
			Total	569	100	19,236	100	49,766	100	258,813	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> Texas Tech University

### First-Year Students

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
														Comparisons with:			Comparisons with:			Comparisons with:						
	Texas Tech	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017				
1 a. askquest	451	2.58	2.71	2.70	2.83	.039	.011	.007	.003	.84	.85	.84	.85	6,098	15,473	76,560	.001	.003	.000	-.16	-.14	-.30				
b. drafts	446	2.13	2.44	2.38	2.49	.043	.013	.008	.004	.91	.99	.98	.98	532	476	451	.000	.000	.000	-.32	-.25	-.37				
c. unpreparedr	447	2.95	3.00	2.93	3.05	.040	.011	.006	.003	.84	.79	.77	.77	510	469	450	.152	.642	.013	-.07	.02	-.13				
d. attendart	446	1.82	1.95	1.88	1.93	.043	.013	.007	.003	.91	.94	.89	.92	6,037	471	75,536	.005	.198	.017	-.14	-.06	-.11				
e. CLaskhelp	445	2.52	2.64	2.71	2.59	.043	.012	.007	.003	.91	.88	.86	.89	6,031	469	75,430	.007	.000	.077	-.13	-.22	-.08				
f. CLexplain	443	2.70	2.73	2.80	2.69	.041	.011	.007	.003	.86	.83	.80	.84	6,014	466	75,237	.528	.020	.871	-.03	-.12	.01				
g. CLstudy	441	2.55	2.56	2.65	2.53	.047	.013	.008	.004	.98	.96	.94	.96	5,997	15,140	74,956	.907	.036	.575	-.01	-.10	.03				
h. CLproject	443	2.58	2.66	2.68	2.62	.042	.012	.007	.003	.88	.86	.85	.88	5,978	15,074	74,649	.056	.013	.421	-.09	-.12	-.04				
i. present	442	1.99	2.23	2.16	2.28	.043	.012	.007	.003	.90	.90	.86	.90	515	15,073	446	.000	.000	.000	-.27	-.20	-.33				
2 a. RIntegrate	436	2.46	2.54	2.60	2.58	.040	.011	.007	.003	.83	.85	.82	.84	5,891	14,812	73,432	.043	.000	.003	-.10	-.18	-.14				
b. RISocietal	434	2.39	2.50	2.56	2.57	.041	.012	.007	.003	.85	.89	.86	.87	511	14,727	73,008	.008	.000	.000	-.13	-.20	-.21				
c. RIDiverse	421	2.33	2.53	2.53	2.57	.044	.012	.007	.003	.89	.91	.89	.89	5,822	14,640	72,654	.000	.000	.000	-.22	-.23	-.26				
d. Rlownview	416	2.68	2.76	2.74	2.77	.040	.011	.007	.003	.82	.81	.81	.81	5,791	14,548	72,235	.034	.117	.019	-.11	-.08	-.12				
e. Rlperspect	409	2.88	2.92	2.87	2.89	.040	.011	.007	.003	.81	.80	.80	.80	5,741	14,427	71,741	.312	.885	.662	-.05	.01	-.02				
f. Rlnewview	406	2.76	2.86	2.83	2.85	.040	.011	.007	.003	.80	.79	.78	.79	5,706	14,331	71,242	.013	.055	.019	-.13	-.10	-.12				
g. Rlconnect	399	2.92	3.00	3.02	3.02	.038	.010	.006	.003	.75	.75	.74	.74	5,664	14,236	70,819	.034	.006	.005	-.11	-.14	-.14				
3 a. SFcareer	400	2.15	2.28	2.22	2.25	.044	.013	.008	.003	.89	.94	.90	.92	470	14,252	404	.007	.156	.032	-.13	-.07	-.10				
b. SFotherwork	397	1.69	1.83	1.75	1.77	.043	.013	.008	.003	.85	.94	.89	.91	471	14,197	70,628	.001	.149	.069	-.16	-.07	-.09				
c. SFdiscuss	394	1.82	1.97	1.97	1.99	.043	.013	.007	.003	.85	.91	.87	.89	5,630	14,134	70,296	.001	.001	.000	-.17	-.17	-.19				
d. SFperform	395	1.96	2.11	2.05	2.12	.044	.012	.007	.003	.87	.89	.85	.88	5,627	14,120	70,236	.001	.039	.000	-.17	-.11	-.19				
4 a. memorize	391	2.96	2.94	2.93	2.90	.041	.011	.007	.003	.82	.80	.80	.81	5,615	14,107	70,135	.712	.456	.125	.02	.04	.08				
b. HOapply	391	2.87	2.91	3.00	2.92	.042	.011	.007	.003	.84	.80	.78	.80	5,595	409	69,890	.308	.003	.195	-.05	-.17	-.07				
c. HOanalyze	386	2.85	2.90	2.94	2.91	.042	.011	.007	.003	.83	.81	.80	.81	5,565	406	69,542	.223	.028	.128	-.06	-.12	-.08				
d. HOevaluate	385	2.74	2.88	2.82	2.88	.044	.011	.007	.003	.87	.82	.83	.81	437	404	388	.004	.092	.002	-.16	-.09	-.17				
e. HOform	385	2.82	2.87	2.83	2.87	.042	.011	.007	.003	.83	.83	.82	.81	5,552	13,950	69,323	.216	.736	.237	-.07	-.02	-.06				
5 a. ETgoals	382	3.03	3.08	3.06	3.07	.041	.011	.006	.003	.81	.78	.76	.77	5,548	13,958	69,334	.185	.397	.254	-.07	-.04	-.06				
b. ETorganize	380	2.98	3.03	3.02	3.02	.045	.011	.007	.003	.87	.82	.76	.80	5,542	395	383	.248	.319	.319	-.06	-.06	-.06				
c. ETexample	379	3.00	3.03	3.03	3.02	.043	.011	.007	.003	.83	.83	.79	.82	5,538	13,914	69,120	.403	.387	.531	-.04	-.05	-.03				
d. ETdraftfb	381	2.60	2.76	2.69	2.82	.047	.013	.008	.003	.92	.92	.90	.91	5,531	13,914	69,086	.001	.057	.000	-.17	-.10	-.24				
e. ETfeedback	381	2.58	2.71	2.62	2.74	.048	.013	.008	.003	.93	.91	.89	.90	5,521	13,874	384	.007	.328	.001	-.14	-.05	-.18				

# NSSE 2017 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> Texas Tech University

### First-Year Students

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Texas Tech													Comparisons with:			Comparisons with:			Comparisons with:						
	Texas Tech	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017				
6 a. QRconclude	380	2.61	2.58	2.63	2.57	.046	.012	.007	.003	.89	.89	.87	.88	5,514	13,881	68,924	.515	.714	.301	.03	-.02	.05				
b. QRproblem	381	2.21	2.28	2.32	2.29	.049	.013	.008	.003	.96	.93	.91	.91	5,520	13,880	68,875	.180	.025	.094	-.07	-.12	-.09				
c. QRevaluate	381	2.28	2.28	2.35	2.28	.045	.012	.007	.003	.88	.89	.87	.88	5,518	13,871	68,891	.995	.090	.875	.00	-.09	-.01				
7 a. wrshortnum	323	4.83	5.54	6.30	6.64	.299	.076	.050	.023	5.38	5.20	5.53	5.71	4,964	12,553	326	.017	.000	.000	-.14	-.27	-.32				
b. wrmednum	322	1.00	1.90	2.20	2.25	.120	.047	.029	.013	2.15	3.19	3.19	3.23	427	360	329	.000	.000	.000	-.29	-.38	-.39				
c. wrlongnum	322	.36	.83	.88	.89	.090	.041	.025	.011	1.62	2.75	2.70	2.74	464	371	331	.000	.000	.000	-.17	-.20	-.19				
— wrpages	321	27.88	43.50	48.85	50.38	2.652	1.022	.610	.276	47.53	68.93	66.55	67.81	422	355	327	.000	.000	.000	-.23	-.32	-.33				
8 a. DDrace	323	3.08	3.07	3.12	3.03	.052	.014	.008	.004	.94	.92	.87	.91	4,949	12,538	62,272	.756	.417	.318	.02	-.05	.06				
b. DDeconomic	320	3.04	3.02	3.08	3.01	.052	.013	.008	.004	.94	.90	.85	.88	361	333	322	.819	.395	.630	.01	-.05	.03				
c. DDreligion	319	2.99	2.98	3.07	2.93	.053	.014	.008	.004	.94	.94	.89	.94	4,927	12,501	62,064	.871	.109	.295	.01	-.09	.06				
d. DDpolitical	321	3.04	2.99	3.02	2.95	.052	.014	.008	.004	.93	.92	.89	.92	4,929	336	62,018	.368	.731	.084	.05	.02	.10				
9 a. LSreading	318	2.93	2.99	3.01	3.04	.044	.011	.007	.003	.78	.77	.76	.76	4,898	12,428	61,669	.169	.044	.008	-.08	-.11	-.15				
b. LSnotes	319	2.91	2.90	2.85	2.90	.051	.013	.008	.004	.91	.88	.88	.88	4,898	12,421	61,629	.912	.219	.791	.01	.07	.01				
c. LSsummary	317	2.71	2.78	2.77	2.81	.051	.013	.008	.004	.90	.88	.87	.87	4,884	12,367	61,369	.173	.271	.057	-.08	-.06	-.11				
10. challenge	317	5.37	5.39	5.42	5.44	.073	.019	.011	.005	1.30	1.28	1.19	1.24	4,877	12,376	61,362	.725	.490	.302	-.02	-.04	-.06				
11 a. intern <sup>l</sup>	317	.084	.068	.085	.078	.0156	.0037	.0025	.0011	--	--	--	--	--	--	--	.268	.931	.684	.06	.00	.02				
b. leader <sup>l</sup>	314	.103	.119	.124	.111	.0172	.0048	.0030	.0013	--	--	--	--	--	--	--	.385	.257	.629	-.05	-.07	-.03				
c. learncom <sup>l</sup>	315	.161	.136	.183	.135	.0208	.0051	.0035	.0014	--	--	--	--	--	--	--	.197	.334	.176	.07	-.06	.07				
d. abroad <sup>l</sup>	318	.024	.026	.037	.030	.0086	.0024	.0017	.0007	--	--	--	--	--	--	--	.842	.237	.521	-.01	-.07	-.04				
e. research <sup>l</sup>	318	.033	.045	.058	.047	.0100	.0031	.0021	.0009	--	--	--	--	--	--	--	.299	.062	.238	-.06	-.12	-.07				
f. capstone <sup>l</sup>	314	.019	.023	.021	.021	.0078	.0022	.0013	.0006	--	--	--	--	--	--	--	.696	.822	.828	-.02	-.01	-.01				
12. servcourse	316	1.64	1.67	1.54	1.63	.040	.011	.006	.003	.71	.71	.65	.70	4,815	12,229	60,539	.478	.007	.816	-.04	.15	.01				
13 a. QIstudent	314	5.31	5.35	5.46	5.40	.081	.021	.012	.006	1.44	1.41	1.33	1.40	4,767	12,213	59,890	.627	.048	.259	-.03	-.11	-.06				
b. QIadvisor	314	5.18	5.17	5.20	5.20	.093	.025	.015	.007	1.65	1.65	1.60	1.66	4,749	12,038	59,205	.925	.840	.874	.01	-.01	-.01				
c. QIfaculty	311	5.13	5.17	5.20	5.28	.087	.023	.013	.006	1.54	1.51	1.38	1.44	4,747	12,093	59,697	.628	.349	.069	-.03	-.05	-.10				
d. QIstaff	299	5.03	5.01	5.04	5.01	.099	.026	.015	.007	1.71	1.67	1.55	1.65	4,393	312	54,131	.783	.973	.829	.02	.00	.01				
e. QIadmin	296	4.90	4.93	4.86	4.95	.101	.026	.016	.007	1.74	1.69	1.61	1.67	4,557	10,993	56,267	.761	.642	.604	-.02	.03	-.03				
14 a. empstudy	299	3.14	3.11	3.16	3.14	.046	.012	.007	.003	.80	.76	.74	.75	4,581	11,677	57,629	.534	.587	.988	.04	-.03	.00				
b. SEacademic	299	3.05	3.05	3.06	3.06	.048	.013	.008	.003	.83	.83	.80	.82	4,552	11,596	57,202	.952	.744	.896	.00	-.02	-.01				
c. SElearnsup	299	3.04	3.10	3.07	3.09	.054	.014	.008	.004	.94	.89	.87	.89	4,554	11,587	57,197	.297	.645	.412	-.06	-.03	-.05				



# NSSE 2017 Frequencies and Statistical Comparisons

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

### Texas Tech University

#### First-Year Students

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Texas Tech					Southwest Public				Carnegie Class				NSSE 2016 & 2017				Comparisons with:			Comparisons with:			Comparisons with:		
	Texas Tech	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017				
d. SEdiverse	296	2.68	2.83	2.81	2.78	.058	.014	.009	.004	1.00	.94	.93	.95	332	308	298	.015	.036	.113	-.16	-.13	-.10				
e. SESocial	296	2.99	2.98	3.03	2.96	.054	.013	.008	.004	.93	.88	.84	.88	4,547	308	57,043	.883	.508	.516	.01	-.04	.04				
f. SEwellness	297	2.98	2.96	3.03	2.93	.052	.014	.008	.004	.90	.89	.85	.90	4,531	11,550	56,954	.672	.312	.349	.03	-.06	.05				
g. SEonacad	296	2.48	2.43	2.37	2.37	.058	.015	.009	.004	.99	.97	.95	.97	4,524	11,539	56,894	.361	.044	.039	.05	.12	.12				
h. SEactivities	297	2.95	2.86	2.94	2.80	.052	.014	.008	.004	.89	.91	.87	.94	4,528	11,539	299	.097	.792	.005	.10	.02	.15				
i. SEevents	297	2.54	2.57	2.61	2.55	.059	.015	.009	.004	1.01	.96	.91	.96	4,517	308	56,748	.572	.263	.789	-.03	-.07	-.02				
15 a. tmprephrs	295	14.49	13.80	15.69	14.74	.518	.126	.078	.035	8.90	8.17	8.31	8.28	329	11,528	297	.193	.015	.634	.08	-.14	-.03				
b. tmcocurrhrs	294	4.78	5.57	6.15	5.71	.315	.109	.064	.030	5.40	7.10	6.76	7.02	368	318	298	.018	.000	.003	-.11	-.20	-.13				
c. tmworkonhrs	293	2.21	2.35	2.48	2.38	.356	.092	.054	.024	6.11	5.98	5.69	5.62	4,514	11,491	56,627	.691	.421	.601	-.02	-.05	-.03				
d. tmworkoffhrs	294	4.28	6.18	3.65	5.77	.493	.157	.073	.043	8.46	10.19	7.76	10.10	355	306	298	.000	.209	.003	-.19	.08	-.15				
— tmworkhrs	293	6.47	8.51	6.10	8.11	.624	.183	.096	.049	10.69	11.88	10.13	11.54	345	306	56,358	.002	.559	.015	-.17	.04	-.14				
e. tmservicehrs	293	2.36	3.07	2.41	2.54	.216	.082	.042	.020	3.70	5.33	4.45	4.72	383	11,453	56,503	.002	.851	.527	-.14	-.01	-.04				
f. tmrelaxhrs	293	11.78	11.85	12.92	12.14	.502	.132	.078	.036	8.60	8.58	8.28	8.50	4,504	11,474	56,555	.903	.021	.470	-.01	-.14	-.04				
g. tmcarehrs	294	1.33	2.99	1.59	3.07	.275	.109	.047	.032	4.72	7.05	4.92	7.62	391	11,457	301	.000	.357	.000	-.24	-.05	-.23				
h. tmcommutehrs	294	3.46	4.95	3.84	3.79	.272	.101	.052	.025	4.67	6.56	5.46	5.90	379	315	298	.000	.172	.233	-.23	-.07	-.06				
16. reading	289	2.46	2.67	2.61	2.77	.064	.017	.010	.005	1.10	1.09	1.10	1.10	4,498	11,478	56,527	.002	.020	.000	-.19	-.14	-.28				
— tmreadinghrs	289	5.54	6.13	6.57	6.81	.287	.088	.053	.025	4.87	5.71	5.63	5.90	4,484	11,436	293	.084	.002	.000	-.11	-.18	-.22				
17 a. pgwrite	286	2.69	2.80	2.67	2.81	.051	.014	.008	.004	.87	.88	.89	.87	4,472	11,430	56,263	.038	.742	.022	-.13	.02	-.14				
b. pgspeak	286	2.65	2.71	2.53	2.67	.055	.014	.009	.004	.93	.92	.93	.92	4,467	11,411	56,242	.277	.035	.717	-.07	.13	-.02				
c. pgthink	286	3.11	3.07	3.05	3.07	.045	.013	.008	.003	.77	.81	.81	.81	4,471	11,411	56,258	.477	.285	.432	.04	.06	.05				
d. pganalyze	286	2.81	2.71	2.73	2.64	.056	.014	.009	.004	.95	.93	.94	.95	4,471	11,409	56,222	.063	.117	.002	.11	.09	.18				
e. pgwork	286	2.60	2.59	2.59	2.60	.058	.015	.009	.004	.98	.95	.95	.96	4,471	11,409	56,233	.859	.904	.918	.01	.01	-.01				
f. pgothers	286	2.78	2.85	2.79	2.83	.053	.014	.008	.004	.89	.88	.88	.88	4,470	11,404	56,200	.175	.849	.380	-.08	-.01	-.05				
g. pgvalues	286	2.73	2.72	2.64	2.71	.058	.015	.009	.004	.98	.94	.95	.95	4,466	11,398	56,166	.856	.111	.761	.01	.10	.02				
h. pgdiverse	286	2.76	2.86	2.78	2.79	.057	.014	.009	.004	.97	.93	.93	.94	321	11,404	56,167	.093	.790	.646	-.11	-.02	-.03				
i. pgprobsolve	285	2.66	2.66	2.65	2.64	.055	.015	.009	.004	.93	.94	.92	.93	4,459	11,395	56,128	.979	.842	.701	.00	.01	.02				
j. pgcitizen	286	2.70	2.71	2.65	2.67	.056	.014	.009	.004	.95	.93	.93	.94	4,450	11,356	55,970	.782	.394	.576	-.02	.05	.03				
18. evalexp	289	3.33	3.21	3.24	3.20	.045	.011	.007	.003	.77	.73	.72	.74	325	301	291	.007	.039	.004	.17	.13	.18				
19. sameinst	290	3.35	3.23	3.29	3.22	.049	.012	.007	.003	.83	.79	.77	.81	4,467	302	56,266	.015	.239	.007	.15	.08	.16				

# NSSE 2017 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> Texas Tech 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>		
	Texas Tech					Southwest Public				Carnegie Class				NSSE 2016 & 2017				Comparisons with:			Comparisons with:			Comparisons with:		
	Texas Tech	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017				
1 a. askquest	933	2.92	3.03	2.94	3.10	.030	.008	.005	.002	.93	.89	.89	.87	1,066	986	944	.000	.537	.000	-.12	-.02	-.21				
b. drafts	925	2.28	2.46	2.26	2.41	.034	.009	.006	.003	1.03	1.01	.99	1.01	13,312	978	134,917	.000	.617	.000	-.18	.02	-.13				
c. unpreparedr	920	2.89	3.01	2.83	2.99	.026	.007	.005	.002	.80	.82	.82	.81	13,286	981	134,654	.000	.038	.000	-.15	.07	-.13				
d. attendart	919	1.78	1.73	1.82	1.81	.029	.008	.005	.002	.88	.89	.88	.90	13,254	30,606	134,331	.091	.174	.327	.06	-.05	-.03				
e. CLaskhelp	914	2.49	2.40	2.54	2.42	.032	.008	.005	.003	.96	.93	.90	.91	1,045	963	924	.003	.158	.035	.10	-.05	.07				
f. CLexplain	911	2.81	2.70	2.81	2.73	.029	.008	.005	.002	.89	.88	.83	.87	13,213	959	133,959	.000	.999	.004	.13	.00	.09				
g. CLstudy	906	2.52	2.44	2.56	2.47	.034	.009	.006	.003	1.02	1.02	.98	1.01	13,170	957	133,557	.024	.165	.133	.08	-.05	.05				
h. CLproject	903	2.84	2.79	2.92	2.83	.031	.008	.005	.003	.93	.94	.89	.93	13,127	952	133,192	.095	.018	.752	.06	-.08	.01				
i. present	902	2.63	2.56	2.65	2.69	.032	.009	.005	.003	.96	.99	.94	.98	1,049	30,260	133,163	.041	.498	.064	.07	-.02	-.06				
2 a. RIintegrate	895	2.95	2.90	2.95	2.93	.028	.008	.005	.002	.84	.85	.82	.84	13,007	29,818	131,694	.115	.984	.658	.05	.00	.01				
b. RISocietal	888	2.62	2.74	2.72	2.80	.031	.008	.005	.002	.93	.92	.91	.90	12,953	29,692	899	.000	.002	.000	-.13	-.11	-.19				
c. RIDiverse	877	2.37	2.54	2.50	2.62	.034	.009	.006	.003	1.00	.99	.97	.96	12,908	29,542	130,680	.000	.000	.000	-.17	-.13	-.26				
d. RIownview	874	2.73	2.83	2.79	2.84	.029	.008	.005	.002	.87	.85	.84	.83	998	924	884	.001	.042	.000	-.12	-.07	-.14				
e. RIPerspect	854	2.88	2.97	2.93	2.96	.029	.007	.005	.002	.86	.82	.82	.81	967	901	863	.005	.119	.005	-.10	-.06	-.10				
f. RInewview	848	2.82	2.94	2.93	2.95	.028	.007	.005	.002	.83	.79	.79	.79	962	895	857	.000	.000	.000	-.15	-.13	-.16				
g. RIconnect	840	3.11	3.18	3.16	3.19	.027	.007	.004	.002	.78	.74	.74	.73	12,648	28,887	128,323	.013	.068	.001	-.09	-.06	-.11				
3 a. SFcareer	841	2.35	2.32	2.36	2.42	.035	.009	.006	.003	1.02	.99	.96	.98	12,666	885	128,406	.346	.849	.045	.03	-.01	-.07				
b. SFotherwork	834	1.94	1.87	1.94	1.94	.034	.009	.006	.003	.98	1.00	1.00	1.02	961	28,797	128,084	.053	.957	.983	.07	.00	.00				
c. SFdiscuss	830	2.13	2.05	2.13	2.15	.033	.009	.005	.003	.95	.96	.91	.95	12,584	28,687	127,688	.024	.930	.503	.08	.00	-.02				
d. SFperform	827	2.19	2.14	2.10	2.20	.032	.009	.005	.003	.92	.92	.88	.91	12,586	871	127,587	.115	.004	.684	.06	.11	-.01				
4 a. memorize	817	2.71	2.76	2.78	2.72	.032	.008	.005	.002	.91	.88	.88	.89	12,574	860	127,518	.120	.031	.767	-.06	-.08	-.01				
b. HOapply	816	3.04	3.08	3.08	3.09	.030	.007	.005	.002	.86	.80	.80	.79	916	857	824	.279	.243	.140	-.04	-.04	-.06				
c. HOanalyze	804	2.97	3.05	3.01	3.05	.032	.008	.005	.002	.90	.83	.84	.82	898	844	811	.025	.204	.023	-.09	-.05	-.09				
d. HOevaluate	802	2.77	2.93	2.81	2.93	.034	.008	.005	.002	.97	.87	.90	.86	891	842	809	.000	.270	.000	-.19	-.04	-.18				
e. HOform	801	2.82	2.96	2.87	2.95	.033	.008	.005	.002	.93	.84	.86	.83	891	839	808	.000	.103	.000	-.17	-.06	-.16				
5 a. ETgoals	800	3.00	3.16	3.12	3.15	.030	.007	.005	.002	.85	.80	.77	.78	12,455	837	126,503	.000	.000	.000	-.20	-.15	-.18				
b. ETorganize	798	2.97	3.09	3.06	3.09	.030	.008	.005	.002	.85	.82	.78	.80	12,446	836	126,366	.000	.003	.000	-.15	-.12	-.15				
c. ETexample	798	3.02	3.07	3.09	3.09	.030	.008	.005	.002	.84	.85	.80	.83	915	28,333	126,211	.062	.010	.008	-.07	-.09	-.09				
d. ETdraftfb	796	2.59	2.73	2.61	2.76	.035	.009	.006	.003	1.00	.99	.96	.96	12,426	838	804	.000	.513	.000	-.14	-.02	-.17				
e. ETfeedback	789	2.56	2.81	2.70	2.82	.035	.009	.005	.003	.97	.93	.89	.90	890	827	797	.000	.000	.000	-.27	-.16	-.30				

# NSSE 2017 Frequencies and Statistical Comparisons

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

### Texas Tech 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>		
	Texas Tech	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:					
														Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017			
6 a. QRconclude	792	2.64	2.64	2.71	2.65	.034	.009	.006	.003	.96	.92	.92	.92	894	834	801	.970	.059	.845	.00	-.07	-.01			
b. QRproblem	790	2.31	2.39	2.43	2.41	.035	.009	.006	.003	1.00	.97	.97	.96	12,380	28,256	125,749	.021	.001	.002	-.09	-.12	-.11			
c. QRevaluate	794	2.38	2.37	2.49	2.42	.034	.009	.006	.003	.95	.93	.92	.92	12,403	28,284	125,934	.811	.001	.303	.01	-.12	-.04			
7 a. wrshortnum	661	6.33	6.55	7.03	7.72	.243	.061	.040	.020	6.26	6.25	6.39	6.69	11,261	25,712	669	.379	.005	.000	-.04	-.11	-.21			
b. wrmednum	658	2.84	3.02	3.17	3.60	.155	.041	.026	.013	3.98	4.16	4.11	4.41	11,145	25,506	666	.261	.041	.000	-.05	-.08	-.17			
c. wrlongnum	659	2.02	1.72	1.80	1.94	.147	.036	.022	.011	3.76	3.65	3.47	3.63	738	688	665	.047	.126	.587	.08	.07	.02			
— wrpages	652	71.29	68.74	72.32	79.99	3.544	.901	.555	.275	90.47	91.57	86.81	92.04	10,978	25,090	112,407	.490	.767	.016	.03	-.01	-.09			
8 a. DDrace	663	3.14	3.14	3.15	3.08	.036	.009	.006	.003	.92	.93	.89	.92	11,296	25,797	115,780	.953	.883	.069	.00	-.01	.07			
b. DDeconomic	662	3.12	3.09	3.11	3.06	.035	.009	.005	.003	.91	.91	.86	.88	11,267	692	668	.502	.813	.123	.03	.01	.06			
c. DDreligion	662	2.99	3.04	3.09	2.98	.037	.009	.006	.003	.97	.95	.90	.94	11,271	692	115,413	.167	.007	.840	-.06	-.11	.01			
d. DDpolitical	663	3.02	3.02	3.03	2.98	.036	.009	.006	.003	.94	.93	.90	.92	11,255	25,706	115,329	.931	.864	.194	.00	-.01	.05			
9 a. LSreading	653	2.99	3.14	3.08	3.14	.034	.008	.005	.002	.87	.78	.81	.79	11,211	25,603	114,965	.000	.008	.000	-.19	-.11	-.19			
b. LSnotes	655	2.82	2.92	2.75	2.83	.037	.009	.006	.003	.94	.91	.94	.93	733	25,585	114,870	.009	.081	.680	-.11	.07	-.02			
c. LSsummary	651	2.72	2.88	2.76	2.84	.038	.009	.006	.003	.96	.90	.91	.90	722	681	657	.000	.245	.001	-.18	-.05	-.13			
10. challenge	649	5.53	5.64	5.42	5.57	.054	.013	.008	.004	1.39	1.33	1.28	1.28	723	677	654	.067	.045	.469	-.08	.09	-.03			
11 a. intern <sup>l</sup>	650	.431	.368	.546	.490	.0194	.0047	.0032	.0015	--	--	--	--	--	--	--	.001	.000	.003	.13	-.23	-.12			
b. leader <sup>l</sup>	649	.343	.273	.404	.352	.0186	.0043	.0031	.0014	--	--	--	--	--	--	--	.000	.002	.617	.15	-.13	-.02			
c. learncom <sup>l</sup>	644	.232	.199	.239	.232	.0166	.0039	.0027	.0013	--	--	--	--	--	--	--	.042	.649	.992	.08	-.02	.00			
d. abroad <sup>l</sup>	647	.193	.079	.179	.137	.0155	.0026	.0024	.0010	--	--	--	--	--	--	--	.000	.353	.000	.34	.04	.15			
e. research <sup>l</sup>	647	.177	.173	.273	.233	.0150	.0037	.0028	.0013	--	--	--	--	--	--	--	.781	.000	.001	.01	-.23	-.14			
f. capstone <sup>l</sup>	646	.351	.350	.444	.451	.0188	.0047	.0032	.0015	--	--	--	--	--	--	--	.975	.000	.000	.00	-.19	-.21			
12. servcourse	641	1.65	1.73	1.61	1.74	.028	.007	.004	.002	.70	.75	.67	.72	11,075	25,290	113,571	.005	.217	.001	-.11	.05	-.14			
13 a. QIstudent	636	5.45	5.57	5.55	5.58	.055	.014	.008	.004	1.38	1.40	1.33	1.34	10,860	666	111,716	.031	.072	.011	-.09	-.07	-.10			
b. QIadvisor	639	5.16	5.11	4.97	5.19	.073	.018	.011	.005	1.85	1.81	1.79	1.77	10,931	25,052	111,909	.559	.009	.574	.02	.10	-.02			
c. QIfaculty	639	5.34	5.46	5.34	5.50	.058	.015	.009	.004	1.46	1.49	1.40	1.40	10,952	25,127	112,461	.046	.924	.004	-.08	.00	-.12			
d. QIstaff	516	4.82	4.85	4.83	4.88	.076	.020	.012	.006	1.73	1.81	1.68	1.74	8,704	21,684	92,132	.724	.853	.407	-.02	-.01	-.04			
e. QIadmin	592	4.71	4.92	4.69	4.89	.074	.018	.011	.005	1.79	1.77	1.68	1.73	10,359	619	597	.005	.762	.017	-.12	.01	-.10			
14 a. empstudy	589	3.14	3.14	3.15	3.14	.032	.008	.005	.002	.78	.77	.76	.76	10,611	24,429	109,527	.877	.573	.843	-.01	-.02	-.01			
b. SEacademic	583	2.88	2.93	2.89	2.94	.037	.009	.005	.003	.90	.87	.84	.85	647	607	588	.150	.823	.108	-.06	-.01	-.07			
c. SElearnsup	579	2.81	2.86	2.78	2.84	.040	.010	.006	.003	.96	.95	.92	.93	10,549	604	584	.261	.461	.449	-.05	.03	-.03			

# NSSE 2017 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> Texas Tech 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>		
	Texas Tech	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Texas Tech	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017	Southwest Public	Carnegie Class	NSSE 2016 & 2017
d. SEdiverse	578	2.44	2.67	2.60	2.61	.042	.010	.006	.003	1.00	1.00	.99	.99	10,545	24,242	108,717	.000	.000	.000	-.23	-.15	-.17
e. SESocial	579	2.77	2.81	2.89	2.81	.040	.009	.006	.003	.96	.94	.90	.93	10,525	603	108,603	.265	.003	.270	-.05	-.13	-.05
f. SEwellness	579	2.75	2.71	2.83	2.73	.042	.010	.006	.003	1.00	.98	.93	.96	10,509	603	584	.408	.037	.692	.04	-.09	.02
g. SEonacad	577	2.02	2.12	2.06	2.08	.042	.010	.006	.003	1.00	1.01	.96	.98	10,505	24,147	108,383	.018	.319	.105	-.10	-.04	-.07
h. SEactivities	578	2.74	2.57	2.75	2.55	.041	.010	.006	.003	.98	1.01	.94	1.00	649	24,124	108,154	.000	.870	.000	.18	-.01	.19
i. SEevents	574	2.19	2.35	2.41	2.36	.041	.010	.006	.003	.97	.98	.93	.97	643	24,084	108,005	.000	.000	.000	-.17	-.24	-.18
15 a. tmprephrs	571	15.48	14.83	15.48	15.22	.387	.090	.059	.027	9.26	8.97	8.99	8.87	10,482	24,115	108,169	.091	.994	.474	.07	.00	.03
b. tmcocurrhrs	569	5.04	4.03	5.47	4.90	.280	.065	.045	.022	6.68	6.48	6.90	7.07	631	24,044	107,824	.000	.142	.634	.16	-.06	.02
c. tmworkonhrs	572	3.89	3.23	4.21	3.60	.334	.073	.049	.022	7.99	7.29	7.52	7.08	627	24,038	575	.052	.316	.381	.09	-.04	.04
d. tmworkoffhrs	574	10.77	14.92	9.87	12.79	.542	.140	.079	.041	12.99	13.91	12.05	13.41	651	597	107,826	.000	.102	.000	-.30	.07	-.15
— tmworkhrs	571	14.62	18.09	14.01	16.34	.556	.140	.082	.041	13.29	13.89	12.59	13.39	10,411	595	107,324	.000	.274	.002	-.25	.05	-.13
e. tmervicehrs	574	3.05	3.41	2.95	3.24	.221	.058	.034	.017	5.30	5.80	5.14	5.51	655	23,984	107,652	.116	.625	.414	-.06	.02	-.03
f. tmrelaxhrs	572	10.89	9.71	11.71	10.54	.340	.081	.054	.025	8.12	8.02	8.30	8.10	10,449	24,030	107,819	.001	.019	.307	.15	-.10	.04
g. tmcarehrs	573	4.47	8.27	3.58	6.36	.414	.125	.056	.035	9.90	12.40	8.54	11.30	681	593	580	.000	.033	.000	-.31	.10	-.17
h. tmcommutehrs	573	5.00	5.78	5.24	4.84	.230	.067	.037	.018	5.52	6.68	5.61	6.03	673	601	579	.001	.308	.501	-.12	-.04	.03
16. reading	570	2.66	2.91	2.65	2.86	.051	.012	.008	.004	1.22	1.18	1.21	1.18	632	24,013	574	.000	.953	.000	-.21	.00	-.17
— tmreadinghrs	566	6.62	7.41	6.61	7.36	.257	.066	.039	.020	6.11	6.59	6.02	6.44	643	23,930	572	.003	.993	.004	-.12	.00	-.12
17 a. pgwrite	567	2.97	2.98	2.90	3.01	.039	.009	.006	.003	.93	.91	.91	.89	10,403	23,976	572	.853	.088	.367	-.01	.07	-.04
b. pgspeak	567	2.89	2.88	2.84	2.91	.039	.010	.006	.003	.93	.96	.94	.94	10,405	23,958	107,510	.825	.242	.647	.01	.05	-.02
c. pgthink	568	3.28	3.26	3.29	3.29	.035	.008	.005	.002	.84	.80	.79	.79	10,410	23,954	107,542	.569	.720	.747	.02	-.02	-.01
d. pganalyze	568	2.91	2.87	2.95	2.85	.042	.010	.006	.003	1.00	.97	.96	.97	10,415	592	107,487	.300	.370	.141	.04	-.04	.06
e. pgwork	569	2.85	2.89	2.88	2.92	.042	.010	.006	.003	1.01	.98	.97	.96	10,416	23,965	573	.383	.563	.096	-.04	-.02	-.07
f. pgothers	569	2.96	3.01	3.01	3.03	.039	.009	.006	.003	.92	.91	.88	.89	10,407	23,929	107,435	.280	.185	.077	-.05	-.06	-.07
g. pgvalues	568	2.71	2.82	2.73	2.83	.043	.010	.007	.003	1.03	1.00	1.00	.99	630	23,933	572	.013	.715	.004	-.11	-.02	-.13
h. pgdiverse	568	2.69	2.87	2.79	2.83	.042	.010	.006	.003	1.00	.99	.98	.98	10,412	23,915	572	.000	.019	.001	-.18	-.10	-.14
i. pgprobsolve	567	2.79	2.81	2.81	2.82	.043	.010	.006	.003	1.01	.98	.95	.95	10,397	591	571	.607	.536	.494	-.02	-.03	-.03
j. pgcitizen	561	2.55	2.69	2.64	2.70	.044	.010	.007	.003	1.05	1.01	1.00	1.00	10,370	585	566	.001	.060	.001	-.14	-.08	-.15
18. evalexp	565	3.22	3.25	3.26	3.26	.035	.008	.005	.002	.84	.77	.77	.77	620	587	569	.522	.349	.266	-.03	-.04	-.05
19. sameinst	566	3.25	3.25	3.27	3.23	.037	.009	.005	.003	.89	.84	.82	.84	625	589	570	.842	.738	.512	.01	-.02	.03

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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."