



NSSE 2019

Frequencies and Statistical Comparisons

Texas Tech University

NSSE 2019 Frequencies and Statistical Comparisons

About This Report

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

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

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

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

NSSE Frequencies and Statistical Comparisons
NSSEville State University

Seniors ← 1

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State	Admissions Overlap	Carnegie UG Program	NSSE Cohort				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1 2 3 4	Never Sometimes Often Very often	3	0	244	27	54	29	6,952	33	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	13	2,369	29	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
c. Evaluated what others have concluded from numerical information	QRevaluate	1 2 3 4	Never Sometimes Often Very often	25	4	778	10	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06	
			Total	650	100	16,028	100	2,874	100	230,881	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class		NSSE 2018 & 2019		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
1. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	42	6	889	5	1,690	4	6,972	4	2.6	2.7 ***	-13	2.7 ***	-16	2.8 ***	-.28
		2	Sometimes	336	45	6,862	39	15,910	39	76,632	35							
		3	Often	231	32	5,853	35	14,103	34	77,681	35							
		4	Very often	125	17	3,572	21	9,087	22	56,491	26							
		Total		734	100	17,176	100	40,790	100	217,776	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	166	23	3,162	19	8,061	21	36,691	17	2.3	2.4 ***	-14	2.4	-.05	2.5 ***	-.18
		2	Sometimes	284	38	6,047	36	14,808	37	77,075	35							
		3	Often	173	23	4,879	29	11,205	27	63,384	29							
		4	Very often	107	15	2,983	17	6,486	15	39,597	18							
		Total		730	100	17,071	100	40,560	100	216,747	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	39	5	959	6	2,499	6	10,469	5	3.0	3.0	.03	2.9 **	.12	3.0	-.04
		2	Often	101	14	2,460	14	6,405	16	27,145	13							
		3	Sometimes	394	54	9,567	55	23,076	56	120,540	55							
		4	Never	194	26	4,077	25	8,573	21	58,489	27							
		Total		728	100	17,063	100	40,553	100	216,643	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	350	49	6,780	40	15,140	39	81,650	40	1.8	1.9 ***	-15	1.9 ***	-15	1.9 ***	-15
		2	Sometimes	237	32	6,346	37	15,905	39	81,917	37							
		3	Often	84	11	2,436	14	6,099	14	33,702	15							
		4	Very often	52	7	1,461	8	3,296	8	18,854	8							
		Total		723	100	17,023	100	40,440	100	216,123	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	66	10	1,364	9	2,571	7	19,196	11	2.6	2.7	-.05	2.7 **	-12	2.6	.02
		2	Sometimes	270	38	5,845	35	13,640	35	77,336	36							
		3	Often	243	33	6,245	36	15,332	37	77,711	35							
		4	Very often	144	20	3,547	20	8,848	21	41,596	18							
		Total		723	100	17,001	100	40,391	100	215,839	100							
f. Explained course material to one or more students	CLexplain	1	Never	32	5	817	5	1,315	4	12,055	7	2.8	2.7	.07	2.8	-.02	2.7 **	.11
		2	Sometimes	248	34	5,881	35	13,290	33	75,439	35							
		3	Often	274	38	6,839	40	17,027	42	85,928	39							
		4	Very often	166	23	3,413	20	8,674	22	41,877	19							
		Total		720	100	16,950	100	40,306	100	215,299	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	118	17	2,315	15	4,512	12	30,293	16	2.6	2.6	.08	2.7	-.02	2.5 **	.11
		2	Sometimes	196	27	5,673	34	12,915	32	72,124	34							
		3	Often	226	31	5,363	31	13,386	33	68,364	31							
		4	Very often	180	25	3,500	20	9,277	22	43,321	19							
		Total		720	100	16,851	100	40,090	100	214,102	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	64	9	1,172	8	2,359	6	16,575	9	2.6	2.7	-.05	2.7 *	-.10	2.6	.00
		2	Sometimes	274	39	6,024	36	14,115	36	76,036	36							
		3	Often	235	32	6,272	37	15,097	37	79,680	36							
		4	Very often	141	20	3,299	19	8,326	20	40,788	18							
		Total		714	100	16,767	100	39,897	100	213,079	100							
i. Given a course presentation	present	1	Never	183	25	3,655	22	8,468	22	37,246	19	2.2	2.2	-.06	2.2	-.05	2.3 ***	-.16
		2	Sometimes	310	44	7,359	44	18,008	45	91,091	42							
		3	Often	148	22	3,956	23	9,287	23	58,318	26							
		4	Very often	72	10	1,781	11	4,066	10	26,170	12							
		Total		713	100	16,751	100	39,829	100	212,825	100							
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	77	11	1,688	11	2,947	8	16,730	9	2.5	2.5	-.02	2.6 **	-.11	2.6 *	-.10
		2	Sometimes	300	43	6,649	40	15,364	40	82,520	39							
		3	Often	218	32	5,845	35	15,093	38	79,090	37							
		4	Very often	100	15	2,282	13	5,934	15	31,837	15							
		Total		695	100	16,464	100	39,338	100	210,177	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	90	14	1,941	13	3,409	10	18,796	10	2.4	2.5 *	-.08	2.6 ***	-.16	2.6 ***	-.17
		2	Sometimes	294	42	6,335	39	15,000	39	79,748	38							
		3	Often	217	32	5,623	33	14,342	35	75,916	35							
		4	Very often	83	12	2,437	14	6,315	15	34,396	16							
		Total		684	100	16,336	100	39,066	100	208,856	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	108	17	1,936	13	3,846	12	20,638	11	2.4	2.5 ***	-.16	2.5 ***	-.19	2.6 ***	-.22
		2	Sometimes	293	43	6,095	38	14,379	38	77,428	38							
		3	Often	180	26	5,458	33	13,751	34	72,735	34							
		4	Very often	92	14	2,707	16	6,755	16	36,420	17							
		Total		673	100	16,196	100	38,731	100	207,221	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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				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	32	5	773	5	1,671	5	9,043	5	2.7	2.8	-0.04	2.8	-0.03	2.8	-0.06
		2	Sometimes	251	36	5,185	32	12,128	32	64,752	31							
		3	Often	259	39	7,085	44	17,515	45	93,240	45							
		4	Very often	124	19	2,992	19	7,046	18	38,378	19							
		Total		666	100	16,035	100	38,360	100	205,413	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	17	3	446	3	963	3	5,288	3	2.8	2.9 **	-0.11	2.9 *	-0.08	2.9 **	-0.10
		2	Sometimes	207	32	4,099	26	9,913	27	53,075	26							
		3	Often	288	44	7,230	45	17,811	46	94,899	46							
		4	Very often	139	21	4,043	25	9,176	24	49,748	25							
		Total		651	100	15,818	100	37,863	100	203,010	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	24	4	471	3	923	3	5,389	3	2.8	2.8 *	-0.09	2.8 *	-0.10	2.9 **	-0.11
		2	Sometimes	220	35	4,761	31	11,134	31	59,124	30							
		3	Often	273	42	6,961	44	17,269	45	91,906	45							
		4	Very often	120	19	3,448	22	8,110	21	44,306	22							
		Total		637	100	15,641	100	37,436	100	200,725	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	8	1	247	2	389	1	2,387	1	2.9	3.0	-0.06	3.0 **	-0.14	3.0 ***	-0.14
		2	Sometimes	174	28	3,609	24	7,405	21	40,693	21							
		3	Often	294	47	7,594	48	18,998	51	100,094	50							
		4	Very often	151	24	4,024	26	10,258	27	55,542	28							
		Total		627	100	15,474	100	37,050	100	198,716	100							
3. During the current school year, about how often have you done the following?																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	107	18	3,137	21	6,824	19	35,660	19	2.3	2.3	.06	2.3	.05	2.3	.01
		2	Sometimes	288	45	6,548	42	16,225	44	84,565	42							
		3	Often	138	23	3,732	24	9,241	24	50,552	25							
		4	Very often	93	15	2,047	13	4,790	12	28,055	14							
		Total		626	100	15,464	100	37,080	100	198,832	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	293	46	7,164	47	17,035	47	91,015	47	1.8	1.8	.02	1.8	.04	1.8	.03
		2	Sometimes	197	32	4,790	31	12,046	32	63,554	31							
		3	Often	88	14	2,324	15	5,353	14	29,392	15							
		4	Very often	46	8	1,116	7	2,457	7	13,922	7							
		Total		624	100	15,394	100	36,891	100	197,883	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	205	33	5,364	35	11,229	32	58,859	32	2.0	2.0	.05	2.0	.02	2.0	-.01
		2	Sometimes	260	42	6,045	40	16,157	44	83,998	42							
		3	Often	98	16	2,696	18	6,599	18	38,246	19							
		4	Very often	55	9	1,142	7	2,594	7	15,231	8							
		Total		618	100	15,247	100	36,579	100	196,334	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	157	25	3,973	26	9,244	26	44,729	24	2.1	2.1	-.02	2.1	.00	2.2 *	-.08
		2	Sometimes	290	47	6,729	44	16,972	46	89,362	45							
		3	Often	125	21	3,221	21	7,502	20	44,346	22							
		4	Very often	43	7	1,314	9	2,798	8	17,591	9							
		Total		615	100	15,237	100	36,516	100	196,028	100							
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	17	3	493	4	1,092	3	6,790	4	2.9	2.9	.01	3.0	-.01	2.9	.04
		2	Some	151	26	3,736	25	8,850	25	49,650	26							
		3	Quite a bit	270	44	6,854	45	16,753	46	89,151	46							
		4	Very much	168	27	4,064	26	9,651	26	49,439	25							
		Total		606	100	15,147	100	36,346	100	195,030	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	19	3	637	4	1,008	3	6,543	4	2.9	2.9	.08	3.0	-.05	2.9	.02
		2	Some	166	28	4,119	28	8,203	23	49,081	26							
		3	Quite a bit	257	43	6,750	45	17,296	47	91,252	47							
		4	Very much	161	27	3,545	23	9,687	26	47,152	24							
		Total		603	100	15,051	100	36,194	100	194,028	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	20	4	629	4	1,175	4	6,804	4	2.9	2.9	.02	2.9	-.05	2.9	-.03
		2	Some	176	29	4,166	28	9,092	26	50,604	27							
		3	Quite a bit	258	44	6,571	44	16,343	45	86,876	45							
		4	Very much	141	24	3,559	23	9,335	25	48,106	25							
		Total		595	100	14,925	100	35,945	100	192,390	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	27	5	650	5	1,554	5	7,069	4	2.8	2.9	-.08	2.8	-.06	2.9 **	-.12
		2	Some	200	33	3,999	27	9,652	28	49,876	27							
		3	Quite a bit	230	39	6,677	45	16,024	44	87,967	45							
		4	Very much	132	23	3,511	23	8,549	23	46,558	24							
		Total		589	100	14,837	100	35,779	100	191,470	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.

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Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	29	5	630	5	1,484	5	7,115	4	2.8	2.9	-07	2.9	-06	2.9 *	-10
		2	Some	185	32	4,026	28	9,661	28	51,124	27							
		3	Quite a bit	242	41	6,744	45	16,108	45	87,593	45							
		4	Very much	129	22	3,396	22	8,400	22	44,914	23							
		Total		585	100	14,796	100	35,653	100	190,746	100							
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	12	2	358	3	606	2	3,901	2	3.0	3.0 *	-08	3.0	-08	3.1 *	-10
		2	Some	142	24	3,204	22	7,369	22	38,782	21							
		3	Quite a bit	274	47	6,554	44	16,965	47	87,968	45							
		4	Very much	149	26	4,574	32	10,499	29	58,956	31							
		Total		577	100	14,690	100	35,439	100	189,607	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	24	4	666	5	1,036	3	6,694	4	2.9	3.0	-06	3.0	-08	3.0 *	-09
		2	Some	148	26	3,402	23	7,872	23	40,993	22							
		3	Quite a bit	263	45	6,414	43	16,977	47	87,402	45							
		4	Very much	144	25	4,195	29	9,492	27	54,082	29							
		Total		579	100	14,677	100	35,377	100	189,171	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	27	5	587	4	1,011	3	6,434	4	2.9	3.0 *	-08	3.0 *	-10	3.0 *	-11
		2	Some	143	25	3,437	24	7,836	23	41,619	22							
		3	Quite a bit	256	44	6,075	41	16,006	45	82,189	43							
		4	Very much	152	26	4,517	31	10,425	29	58,510	31							
		Total		578	100	14,616	100	35,278	100	188,752	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	75	12	1,250	9	2,948	9	13,396	8	2.6	2.8 ***	-18	2.7 **	-12	2.8 ***	-25
		2	Some	198	34	4,470	31	11,107	32	53,549	29							
		3	Quite a bit	196	35	5,249	36	13,218	37	71,568	37							
		4	Very much	107	19	3,652	25	7,972	22	50,006	27							
		Total		576	100	14,621	100	35,245	100	188,519	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	71	12	1,489	10	3,410	10	15,767	9	2.6	2.7 **	-12	2.6	-07	2.7 ***	-19
		2	Some	213	37	4,917	34	12,440	36	60,224	32							
		3	Quite a bit	203	36	5,162	35	13,003	36	71,438	37							
		4	Very much	85	16	2,987	21	6,261	18	40,422	22							
		Total		572	100	14,555	100	35,114	100	187,851	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	57	9	1,569	11	3,400	9	21,045	11	2.6	2.6	.05	2.6	.00	2.6	.05	
		2	Sometimes	207	36	5,370	37	12,601	36	69,853	37								
		3	Often	218	39	5,210	37	13,285	38	67,789	37								
		4	Very often	85	16	2,226	16	5,493	16	27,306	15								
		Total		567	100	14,375	100	34,779	100	185,993	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	130	22	2,990	21	6,923	20	38,218	20	2.3	2.3	-.05	2.3	-.07	2.3	-.05	
		2	Sometimes	230	40	5,641	39	13,714	39	74,935	40								
		3	Often	144	27	4,017	28	10,021	29	51,940	28								
		4	Very often	56	11	1,653	12	3,944	12	19,887	11								
		Total		560	100	14,301	100	34,602	100	184,980	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	109	18	2,770	19	5,605	16	35,042	19	2.3	2.3	-.02	2.4 *	-1.0	2.3	-.03	
		2	Sometimes	251	46	5,971	42	14,459	42	78,262	42								
		3	Often	143	26	4,089	29	10,871	31	53,338	29								
		4	Very often	51	10	1,429	10	3,564	11	17,632	10								
		Total		554	100	14,259	100	34,499	100	184,274	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	65	11	1,276	9	1,971	6	10,038	6	4.8	5.7 ***	-.19	6.4 ***	-.30	6.6 ***	-.33	
		1.5	1-2	162	29	3,151	22	6,761	20	34,384	19								
		4	3-5	184	34	4,834	34	11,535	33	59,592	33								
		8	6-10	85	16	2,876	20	7,821	22	43,183	23								
		13	11-15	34	6	1,202	9	3,513	10	19,498	10								
		18	16-20	7	2	424	3	1,406	4	8,436	4								
		23	More than 20	14	3	479	3	1,452	4	9,053	5								
		Total		551	100	14,242	100	34,459	100	184,184	100								
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	305	55	6,204	44	11,531	35	61,400	35	1.5	2.1 ***	-.18	2.3 ***	-.25	2.4 ***	-.25	
		1.5	1-2	155	29	4,510	31	12,908	37	69,462	37								
		4	3-5	56	10	2,125	15	6,409	18	34,348	18								
		8	6-10	22	4	904	7	2,327	7	12,852	7								
		13	11-15	6	1	321	2	835	2	3,716	2								
		18	16-20	2	0	54	0	178	0	898	0								
		23	More than 20	2	0	85	1	173	1	1,044	1								
Total		548	100	14,203	100	34,361	100	183,720	100										

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NSSE 2019 Frequencies and Statistical Comparisons

Texas Tech University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
c. 11 pages or more	wrlongnum	0	None	482	87	11,352	79	25,951	75	138,747	75	.8	1.0	-.07	.9	-.07	1.0	-.07	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	34	6	1,599	11	5,744	17	30,644	16								
		4	3-5	14	3	555	4	1,306	4	6,864	4								
		8	6-10	6	1	323	2	644	2	3,598	2								
		13	11-15	10	2	255	2	498	2	2,480	1								
		18	16-20	2	0	51	0	95	0	531	0								
		23	More than 20	2	0	81	1	145	0	910	1								
	Total			550	100	14,216	100	34,383	100	183,774	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									36.6	47.9 ***	-.15	51.6 ***	-.22	52.8 ***	-.23	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	20	4	763	6	1,002	3	8,626	5	3.1	3.0	.02	3.1	-.07	3.0	.03	
		2	Sometimes	129	24	3,160	23	7,528	23	44,785	24								
		3	Often	196	36	4,535	32	11,347	33	59,868	32								
		4	Very often	200	37	5,730	39	14,458	41	70,165	38								
		Total		545	100	14,188	100	34,335	100	183,444	100								
b. People from an economic background other than your own	DDeconomic	1	Never	18	3	725	6	1,050	4	8,015	5	3.1	3.0 *	.09	3.1	-.01	3.0	.07	
		2	Sometimes	123	23	3,366	24	7,292	22	42,599	24								
		3	Often	203	37	4,932	35	12,679	37	67,528	36								
		4	Very often	203	37	5,144	35	13,260	38	64,982	35								
		Total		547	100	14,167	100	34,281	100	183,124	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	29	6	996	8	1,423	5	12,147	7	3.0	2.9	.03	3.0 *	-.10	2.9	.03	
		2	Sometimes	144	27	3,719	27	8,033	24	49,306	27								
		3	Often	188	34	4,440	31	11,546	33	59,687	32								
		4	Very often	184	34	4,999	34	13,287	38	61,995	34								
		Total		545	100	14,154	100	34,289	100	183,135	100								
d. People with political views other than your own	DDpolitical	1	Never	22	4	979	7	1,825	5	12,304	7	3.0	2.9 **	.12	2.9	.07	2.9 **	.13	
		2	Sometimes	138	26	3,946	28	9,813	28	52,635	28								
		3	Often	194	35	4,547	32	11,072	32	60,164	33								
		4	Very often	190	35	4,677	33	11,574	34	57,986	32								
		Total		544	100	14,149	100	34,284	100	183,089	100								

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Texas Tech University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech				Southwest Public				Carnegie Class				NSSE 2018 & 2019				Texas Tech				Southwest Public				Carnegie Class				NSSE 2018 & 2019							
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
9. During the current school year, about how often have you done the following?																																							
a. Identified key information from reading assignments	LSreading	1	Never	15	3	324	2	622	2	3,194	2	2.8	2.9 **	-12	3.0 ***	-18	3.0 ***	-22																					
		2	Sometimes	171	32	3,622	26	7,671	24	40,434	23																												
		3	Often	232	42	6,661	47	16,520	48	87,486	48																												
		4	Very often	123	22	3,467	24	9,273	26	50,850	27																												
		Total		541	100	14,074	100	34,086	100	181,964	100																												
b. Reviewed your notes after class	LSnotes	1	Never	17	3	635	5	1,613	5	8,223	5	2.9	2.9	.08	2.9 *	.11	2.9	.05																					
		2	Sometimes	156	30	4,233	30	10,476	32	52,962	30																												
		3	Often	198	36	5,042	36	12,248	36	65,977	36																												
		4	Very often	170	31	4,127	29	9,724	27	54,678	29																												
		Total		541	100	14,037	100	34,061	100	181,840	100																												
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	38	7	959	7	2,108	7	10,394	6	2.8	2.8	.04	2.8	.05	2.8	-.01																					
		2	Sometimes	160	29	4,446	32	10,786	32	55,944	31																												
		3	Often	213	40	5,305	38	13,216	39	70,843	39																												
		4	Very often	130	24	3,322	23	7,917	22	44,482	24																												
		Total		541	100	14,032	100	34,027	100	181,663	100																												
10. During the current school year, to what extent have your courses challenged you to do your best work?																																							
challenge		1	Not at all	3	1	133	1	302	1	1,612	1	5.4	5.3	.01	5.4	-.01	5.4	-.05																					
		2		4	1	173	1	325	1	1,902	1																												
		3		25	5	775	6	1,537	5	7,752	5																												
		4		76	14	1,815	13	3,913	12	20,972	12																												
		5		191	36	4,678	33	11,951	35	60,501	33																												
		6		119	22	3,174	23	8,896	26	46,068	25																												
		7	Very much	117	22	3,192	23	6,930	20	41,997	23																												
		Total		535	100	13,940	100	33,854	100	180,804	100																												
11. Which of the following have you done or do you plan to do before you graduate?^f																																							
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		69	13	1,983	15	3,196	10	21,833	13	9%	7% *	.10	8%	.03	8%	.05																					
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	26	6	813	6	1,421	5	9,106	6																												
		Plan to do	384	72	10,189	72	26,415	77	135,676	73																													
		Done or in progress	51	9	920	7	2,788	8	13,956	8																													
		Total	530	100	13,905	100	33,820	100	180,571	100																													

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				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e															
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	131	25	3,686	27	7,685	23	48,729	27	10%	10%	.00	13%	-.08	11%	-.03															
			Do not plan to do	120	24	3,147	24	6,110	19	40,358	24																						
			Plan to do	225	41	5,606	39	15,613	45	70,838	38																						
			Done or in progress	54	10	1,424	10	4,332	13	20,145	11																						
			Total	530	100	13,863	100	33,740	100	180,070	100																						
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	157	29	4,353	32	9,661	29	59,796	33	13%	12%	.04	15%	-.05	12%	.03															
			Do not plan to do	139	27	3,297	24	9,895	30	47,032	27																						
			Plan to do	156	30	4,501	32	9,103	26	50,158	28																						
			Done or in progress	75	13	1,671	12	4,974	15	22,420	12																						
			Total	527	100	13,822	100	33,633	100	179,406	100																						
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	122	22	3,999	29	8,149	25	49,191	28	4%	3% *	.08	4%	.04	3%	.07															
			Do not plan to do	104	20	3,866	29	7,230	24	47,651	29																						
			Plan to do	281	53	5,564	39	17,081	48	77,284	40																						
			Done or in progress	23	4	375	3	1,186	4	5,393	3																						
			Total	530	100	13,804	100	33,646	100	179,519	100																						
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	183	35	5,036	37	11,303	34	67,744	38	6%	4% *	.08	5%	.04	5%	.08															
			Do not plan to do	123	22	3,572	25	7,255	21	42,298	24																						
			Plan to do	187	36	4,611	34	13,271	39	61,275	34																						
			Done or in progress	33	6	587	4	1,813	5	8,174	5																						
			Total	526	100	13,806	100	33,642	100	179,491	100																						
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	209	39	4,829	36	10,253	32	57,027	33	2%	2%	-.03	2%	-.03	2%	-.03															
			Do not plan to do	67	12	1,724	13	3,500	11	18,424	11																						
			Plan to do	243	47	6,966	50	19,240	56	100,488	54																						
			Done or in progress	8	2	264	2	611	2	3,193	2																						
			Total	527	100	13,783	100	33,604	100	179,132	100																						
12. About how many of your courses at this institution have included a community-based project (service-learning)?																																	
servcourse	1	None	2	Some	3	Most	4	All	Total	251	48	6,180	45	18,121	54	82,639	47	1.7	1.7	-.04	1.6 **	.14	1.6	.02									
																									2	216	41	6,043	44	12,872	39	78,901	43
																									3	45	9	1,193	9	2,012	6	13,811	8
																									4	12	2	291	2	487	2	3,181	2
																									Total	524	100	13,707	100	33,492	100	178,532	100

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				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	9	2	230	2	450	1	2,644	2	5.4	5.4	.02	5.4	-.03	5.4	-.01
		2		13	2	322	2	592	2	3,630	2							
		3		21	4	773	6	1,539	5	8,842	5							
		4		67	13	1,831	13	3,978	12	22,279	13							
		5		152	30	3,769	27	9,419	28	48,115	27							
		6		115	22	3,172	23	9,203	27	45,532	25							
		7	Excellent	140	27	3,466	25	8,142	24	45,199	25							
		—	Not applicable	2	0	130	1	137	0	2,183	2							
			Total	519	100	13,693	100	33,460	100	178,424	100							
b. Academic advisors	QIadvisor	1	Poor	17	3	426	3	868	3	5,155	3	5.3	5.3	.01	5.3	-.02	5.3	-.03
		2		18	3	590	4	1,279	4	6,917	4							
		3		48	9	1,110	8	2,343	7	12,531	7							
		4		65	12	1,943	14	4,586	14	23,296	13							
		5		110	21	2,668	20	7,029	21	35,637	20							
		6		91	18	2,615	19	7,237	22	37,099	21							
		7	Excellent	162	32	4,081	30	9,633	29	54,124	31							
		—	Not applicable	5	1	251	2	444	1	3,465	2							
			Total	516	100	13,684	100	33,419	100	178,224	100							
c. Faculty	QIfaculty	1	Poor	7	2	301	2	452	2	2,651	2	5.3	5.3	.05	5.3	.05	5.4	-.02
		2		18	3	454	3	799	2	4,208	3							
		3		33	6	900	6	1,867	6	9,752	6							
		4		69	13	1,987	14	4,849	15	23,501	13							
		5		120	23	3,425	25	9,660	29	46,043	25							
		6		147	28	3,322	24	9,131	27	48,410	26							
		7	Excellent	123	24	3,114	23	6,360	19	41,808	24							
		—	Not applicable	3	1	179	1	295	1	1,795	1							
			Total	520	100	13,682	100	33,413	100	178,168	100							

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				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	10	2	529	4	956	3	5,791	3	5.3	5.1 **	.12	5.1 *	.11	5.1 *	.09
		2		15	3	585	4	1,190	4	6,558	4							
		3		41	9	971	7	2,274	7	12,015	7							
		4		69	12	1,904	14	4,945	15	24,205	13							
		5		117	23	2,831	20	7,847	23	38,419	21							
		6		111	21	2,605	19	7,243	21	37,193	20							
		7	Excellent	127	25	3,013	22	6,500	20	37,785	21							
		—	Not applicable	28	6	1,239	10	2,456	8	16,156	11							
	Total	518	100	13,677	100	33,411	100	178,122	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	18	4	546	4	1,066	3	6,007	4	5.1	5.0	.02	5.0	.04	5.1	-.02
		2		24	4	632	5	1,335	4	7,295	4							
		3		35	7	1,128	8	2,529	7	13,035	7							
		4		77	14	2,103	15	5,298	16	25,823	14							
		5		130	25	2,931	21	7,666	23	39,026	21							
		6		88	17	2,566	19	6,590	19	36,919	20							
		7	Excellent	112	21	2,954	22	5,700	17	38,164	22							
		—	Not applicable	36	7	830	7	3,213	10	11,833	7							
	Total	520	100	13,690	100	33,397	100	178,102	100									
14. How much does your institution emphasize the following?																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	10	2	264	2	484	2	2,856	2	3.0	3.0	-.02	3.1	-.08	3.1	-.06
		2	Some	103	21	2,784	21	6,045	19	32,855	19							
		3	Quite a bit	258	49	6,538	48	16,262	49	85,350	48							
		4	Very much	145	28	4,015	29	10,476	31	56,331	31							
			Total	516	100	13,601	100	33,267	100	177,392	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	12	2	447	3	907	3	5,541	4	3.1	3.0	.02	3.0	.01	3.1	.00
		2	Some	108	21	2,948	22	6,856	21	35,039	21							
		3	Quite a bit	229	45	5,711	42	14,883	44	75,958	42							
		4	Very much	164	32	4,459	33	10,530	32	60,388	33							
			Total	513	100	13,565	100	33,176	100	176,926	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	25	5	642	5	1,443	4	8,295	5	3.1	3.1	-.03	3.1	.02	3.1	-.01
		2	Some	87	18	2,312	17	6,043	19	30,326	18							
		3	Quite a bit	202	39	5,053	37	13,420	40	67,589	38							
		4	Very much	197	38	5,549	40	12,256	37	70,660	39							
			Total	511	100	13,556	100	33,162	100	176,870	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	58	11	1,307	10	3,026	10	18,296	11	2.7	2.8	-0.08	2.8	-0.07	2.8	-0.05
		2	Some	154	30	3,588	27	9,101	28	49,375	28							
		3	Quite a bit	180	35	4,887	36	11,991	36	62,448	35							
		4	Very much	119	24	3,742	27	8,990	26	46,462	26							
		Total		511	100	13,524	100	33,108	100	176,581	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	27	5	686	5	1,480	5	9,544	6	3.0	3.0	.02	3.0	.01	3.0	.06
		2	Some	108	22	2,970	23	7,195	22	39,195	23							
		3	Quite a bit	202	40	5,389	40	13,882	42	71,748	40							
		4	Very much	173	33	4,446	32	10,525	31	55,859	31							
		Total		510	100	13,491	100	33,082	100	176,346	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	31	6	884	7	1,821	6	11,757	7	3.0	2.9	.04	3.0	.01	2.9	.07
		2	Some	120	24	3,063	23	7,405	23	41,249	24							
		3	Quite a bit	181	36	5,269	39	13,301	40	69,412	39							
		4	Very much	174	34	4,275	31	10,515	31	53,610	30							
		Total		506	100	13,491	100	33,042	100	176,028	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	104	20	2,734	21	7,036	22	38,190	22	2.4	2.4	-0.03	2.3	.04	2.3	.02
		2	Some	195	39	4,742	35	12,590	38	64,080	36							
		3	Quite a bit	138	28	3,881	28	8,954	27	48,501	27							
		4	Very much	70	14	2,123	15	4,399	13	25,143	14							
		Total		507	100	13,480	100	32,979	100	175,914	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	27	5	1,072	9	2,148	7	15,928	11	3.0	2.8 **	.13	2.9	.09	2.8 ***	.18
		2	Some	123	25	3,399	26	8,353	25	44,427	26							
		3	Quite a bit	187	37	5,187	38	13,335	40	67,757	38							
		4	Very much	168	32	3,808	27	9,151	28	47,647	26							
		Total		505	100	13,466	100	32,987	100	175,759	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	93	18	2,096	16	4,453	14	26,799	17	2.4	2.5	-0.06	2.5	-0.06	2.5	-0.05
		2	Some	186	37	4,688	35	12,074	37	60,911	35							
		3	Quite a bit	137	28	4,264	31	11,005	33	57,077	32							
		4	Very much	90	17	2,424	18	5,438	16	30,916	17							
		Total		506	100	13,472	100	32,970	100	175,703	100							

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NSSE 2019 Frequencies and Statistical Comparisons

Texas Tech University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs (Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	4	1	63	1	113	0	713	1	14.2	13.7	.06	15.4 **	-0.15	14.5	-0.04	
		3	1-5 hrs	65	13	2,027	16	3,053	10	20,846	13								
		8	6-10 hrs	117	24	3,258	24	6,854	21	39,093	23								
		13	11-15 hrs	120	24	3,028	22	7,601	23	39,595	23								
		18	16-20 hrs	89	17	2,408	18	6,872	21	34,528	19								
		23	21-25 hrs	50	10	1,342	10	4,224	12	20,460	11								
		28	26-30 hrs	28	5	628	5	2,073	6	10,015	5								
		33	More than 30 hrs	29	6	657	5	2,052	6	9,853	6								
	Total			502	100	13,411	100	32,842	100	175,103	100								
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	130	28	4,650	36	8,144	26	54,142	34	6.1	5.4 *	.10	6.2	-0.01	5.7	.06	
		3	1-5 hrs	186	36	4,179	31	11,422	34	57,364	31								
		8	6-10 hrs	75	15	2,095	15	6,425	19	28,573	16								
		13	11-15 hrs	55	11	1,133	9	3,369	10	16,131	9								
		18	16-20 hrs	31	6	686	5	1,811	5	9,663	5								
		23	21-25 hrs	11	2	327	2	942	3	4,691	3								
		28	26-30 hrs	8	2	122	1	269	1	1,726	1								
		33	More than 30 hrs	5	1	184	1	392	1	2,416	1								
	Total			501	100	13,376	100	32,774	100	174,706	100								
c. Working for pay on campus	tmworkonhrs (Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	414	82	10,971	82	25,520	79	134,890	79	2.8	2.6	.03	2.7	.01	2.5	.04	
		3	1-5 hrs	12	2	280	2	1,065	3	7,941	4								
		8	6-10 hrs	10	2	418	3	2,318	6	13,297	7								
		13	11-15 hrs	22	4	649	5	1,932	6	9,107	5								
		18	16-20 hrs	26	5	670	5	1,207	4	6,026	3								
		23	21-25 hrs	11	2	227	2	511	2	2,125	1								
		28	26-30 hrs	2	0	74	1	106	0	594	0								
		33	More than 30 hrs	5	1	83	1	153	1	853	1								
	Total			502	100	13,372	100	32,812	100	174,833	100								

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NSSE 2019 Frequencies and Statistical Comparisons

Texas Tech University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	389	77	8,664	65	24,410	74	117,528	66	3.6	6.3 *** ▽	-0.27	3.9	-0.04	6.2 *** ▽	-0.25
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	19	4	599	4	1,457	4	8,336	5							
	8	6-10 hrs	20	4	699	5	1,660	5	9,360	5								
	13	11-15 hrs	18	3	780	6	1,648	5	9,714	6								
	18	16-20 hrs	22	4	902	6	1,576	5	10,273	6								
	23	21-25 hrs	18	4	707	5	1,028	3	7,122	4								
	28	26-30 hrs	8	2	442	3	467	2	4,177	3								
	33	More than 30 hrs	9	2	600	5	565	2	8,417	6								
	Total			503	100	13,393	100	32,811	100	174,927	100							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											6.2	8.8 *** ▽	-0.21	6.5	-0.03	8.6 *** ▽	-0.20
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	242	50	7,414	56	18,500	57	99,577	58	2.8	2.9	-0.01	2.5	.07	2.6	.05
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	191	36	3,905	28	10,365	31	53,751	29							
	8	6-10 hrs	44	8	1,037	8	1,978	6	10,917	6								
	13	11-15 hrs	8	2	499	4	949	3	5,013	3								
	18	16-20 hrs	9	2	250	2	517	2	2,768	2								
	23	21-25 hrs	4	1	146	1	318	1	1,485	1								
	28	26-30 hrs	2	0	41	0	68	0	446	0								
	33	More than 30 hrs	3	1	87	1	108	0	884	1								
	Total			503	100	13,379	100	32,803	100	174,841	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	7	2	292	2	427	1	3,313	2	13.7	12.4 ** △	.15	13.2	.05	12.5 ** △	.14
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	93	18	2,965	22	5,512	16	35,869	21							
	8	6-10 hrs	114	22	3,535	26	8,893	26	47,350	26								
	13	11-15 hrs	115	23	2,690	20	7,388	22	36,513	20								
	18	16-20 hrs	80	16	1,772	13	5,208	16	24,445	14								
	23	21-25 hrs	32	7	848	6	2,344	7	11,313	7								
	28	26-30 hrs	19	4	347	3	956	3	4,965	3								
	33	More than 30 hrs	40	9	938	8	2,080	7	11,035	7								
	Total			500	100	13,387	100	32,808	100	174,803	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	436	86	9,762	73	27,101	82	133,618	74	1.7	3.0 *** ▽	-0.19	1.8	-0.03	3.2 *** ▽	-0.20	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	27	6	1,533	11	2,570	8	17,354	10								
	8	6-10 hrs	13	3	716	5	1,080	3	7,461	5									
	13	11-15 hrs	4	1	521	4	782	3	4,905	3									
	18	16-20 hrs	8	2	289	2	526	2	3,217	2									
	23	21-25 hrs	2	1	157	1	303	1	1,762	1									
	28	26-30 hrs	1	0	57	0	76	0	756	1									
	33	More than 30 hrs	9	2	326	3	295	1	5,414	4									
	Total			500	100	13,361	100	32,733	100	174,487	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	191	38	4,005	30	12,219	36	78,939	43	4.6	5.3 * ▽	-0.10	4.3	.05	4.1	.08	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	200	39	5,246	39	12,850	39	58,396	34								
	8	6-10 hrs	49	9	2,141	16	4,234	14	19,702	12									
	13	11-15 hrs	23	5	909	7	1,749	5	8,316	5									
	18	16-20 hrs	18	4	431	3	789	2	3,916	2									
	23	21-25 hrs	5	1	229	2	415	1	2,016	1									
	28	26-30 hrs	4	1	101	1	156	1	898	1									
	33	More than 30 hrs	13	3	323	2	392	1	2,662	2									
	Total			503	100	13,385	100	32,804	100	174,845	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
	reading	1	Very little	108	21	1,914	15	4,794	16	20,769	13	2.3	2.6 *** ▽	-0.25	2.6 *** ▽	-0.20	2.7 *** ▽	-0.33	
		2	Some	204	41	4,750	35	11,969	37	58,772	34								
		3	About half	118	24	3,860	29	8,781	26	51,069	29								
		4	Most	50	10	2,085	16	5,324	15	32,425	18								
		5	Almost all	22	4	741	6	1,875	5	11,518	6								
			Total			502	100	13,350	100	32,743	100								174,553
	tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)										5.1	5.9 *** ▽	-0.15	6.3 *** ▽	-0.23	6.5 *** ▽	-0.25	

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Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
	tmreadinghrscol	1	0 hrs	4	1	61	1	111	0	698	0						
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	311	63	7,469	57	16,602	53	86,814	52						
		3	More than 5, up to 10 hrs	131	26	3,632	27	9,890	29	51,179	29						
		4	More than 10, up to 15 hrs	28	5	1,125	8	3,198	9	18,032	10						
		5	More than 15, up to 20 hrs	12	2	539	4	1,517	4	9,121	5						
		6	More than 20, up to 25 hrs	6	1	322	2	934	3	5,634	3						
		7	More than 25 hrs	6	1	138	1	335	1	2,249	1						
		Total			498	100	13,286	100	32,587	100	173,727	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	54	11	968	8	2,781	9	11,336	7	2.7	2.8 ***	-0.16	2.7	-0.04	2.8 ***	-0.18
		2	Some	155	30	3,667	27	9,824	31	47,888	27							
		3	Quite a bit	202	41	5,638	42	13,525	41	74,899	43							
		4	Very much	85	18	3,019	23	6,485	19	39,400	23							
		Total		496	100	13,292	100	32,615	100	173,523	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	48	9	1,387	11	4,148	14	17,725	11	2.7	2.7	-0.03	2.6 *	.09	2.7	-0.03
		2	Some	171	34	4,048	30	10,747	33	54,022	31							
		3	Quite a bit	187	37	5,069	38	11,791	36	66,187	38							
		4	Very much	93	19	2,794	21	5,925	18	35,805	21							
		Total		499	100	13,298	100	32,611	100	173,739	100							
c. Thinking critically and analytically	pgthink	1	Very little	15	3	440	4	962	3	5,182	3	3.0	3.1	-0.05	3.1	-0.05	3.1	-0.07
		2	Some	117	23	2,657	20	6,393	20	33,249	19							
		3	Quite a bit	216	42	5,809	43	14,754	44	78,113	44							
		4	Very much	152	31	4,394	33	10,527	32	57,309	33							
		Total		500	100	13,300	100	32,636	100	173,853	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	43	8	1,453	11	3,759	11	22,750	12	2.8	2.7 *	.10	2.7	.09	2.7 ***	.15
		2	Some	147	29	4,116	31	9,768	30	55,185	31							
		3	Quite a bit	189	39	4,770	36	11,881	36	60,676	35							
		4	Very much	117	24	2,957	23	7,214	23	35,193	21							
		Total		496	100	13,296	100	32,622	100	173,804	100							

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Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	60	12	1,905	15	4,308	14	22,203	13	2.6	2.6	.05	2.6	.04	2.6	.00
		2	Some	175	35	4,285	32	10,705	33	55,553	32							
		3	Quite a bit	160	32	4,457	33	11,310	34	60,431	34							
		4	Very much	106	21	2,641	20	6,303	19	35,603	21							
		Total		501	100	13,288	100	32,626	100	173,790	100							
f. Working effectively with others	pgothers	1	Very little	28	6	852	7	2,111	7	10,705	7	2.8	2.9	-.04	2.8	.01	2.8	-.03
		2	Some	161	32	3,443	26	9,093	28	46,431	27							
		3	Quite a bit	186	37	5,496	41	13,516	41	72,062	41							
		4	Very much	123	25	3,492	26	7,869	24	44,474	25							
		Total		498	100	13,283	100	32,589	100	173,672	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	54	11	1,460	12	3,908	13	18,081	11	2.7	2.7	-.01	2.6	.06	2.7	-.01
		2	Some	151	30	3,678	28	9,682	30	49,441	29							
		3	Quite a bit	187	37	5,018	37	12,112	36	65,940	37							
		4	Very much	106	22	3,121	23	6,883	21	40,191	23							
		Total		498	100	13,277	100	32,585	100	173,653	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	54	11	1,118	9	2,777	10	15,695	10	2.7	2.8 **	-.14	2.8 *	-.09	2.8 *	-.11
		2	Some	148	29	3,441	26	8,970	28	47,432	27							
		3	Quite a bit	192	39	4,950	37	12,416	37	65,024	37							
		4	Very much	105	21	3,768	27	8,421	25	45,452	26							
		Total		499	100	13,277	100	32,584	100	173,603	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	58	12	1,555	12	3,427	11	18,933	12	2.7	2.6	.02	2.6	.03	2.7	.02
		2	Some	153	30	4,206	32	10,747	33	56,847	32							
		3	Quite a bit	188	38	4,743	35	11,905	36	62,751	36							
		4	Very much	97	20	2,783	21	6,514	20	35,163	20							
		Total		496	100	13,287	100	32,593	100	173,694	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	60	12	1,455	11	3,704	12	20,135	12	2.6	2.7	-.06	2.6	-.01	2.7	-.03
		2	Some	171	34	4,020	30	10,373	32	55,007	32							
		3	Quite a bit	168	34	4,839	36	11,768	35	61,562	35							
		4	Very much	99	21	2,980	22	6,782	20	37,111	21							
		Total		498	100	13,294	100	32,627	100	173,815	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech		Southwest Public	Carnegie Class	NSSE 2018 & 2019		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	7	2	232	2	554	2	3,357	2	3.3	3.2 **	.15	3.2 *	.10	3.2 *	.12
		2	Fair	58	12	1,904	14	3,887	12	22,366	13							
		3	Good	225	44	6,592	49	16,431	50	84,822	48							
		4	Excellent	213	42	4,637	34	11,885	36	64,021	36							
		Total		503	100	13,365	100	32,757	100	174,566	100							
													△		△		△	
19. If you could start over again, would you go to the same institution you are now attending?																		
	sameinst	1	Definitely no	15	3	473	4	1,030	3	6,461	4	3.3	3.2 ***	.16	3.2 *	.10	3.2 **	.14
		2	Probably no	49	10	1,768	13	3,723	11	22,165	13							
		3	Probably yes	199	39	5,812	44	13,893	43	73,108	42							
		4	Definitely yes	246	48	5,382	40	14,220	42	73,439	41							
		Total		509	100	13,435	100	32,866	100	175,173	100							
													△		△		△	
20. Do you intend to return to this institution next year?^f																		
	returnexp		No	9	2	755	6	1,182	4	8,057	5	93%	86% ***	.22	90%	.09	87% ***	.18
			Yes	477	93	11,659	86	29,848	90	153,936	87							
			Not sure	27	6	1,069	8	1,905	6	13,484	8							
			Total	513	100	13,483	100	32,935	100	175,477	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	31	4	975	4	1,716	4	6,247	3	2.9	3.0 **	-10	3.0	-04	3.1 ***	-20	
		2	Sometimes	289	33	7,846	28	15,683	31	62,829	25								
		3	Often	272	31	8,512	31	16,031	31	80,328	31								
		4	Very often	278	32	10,449	37	17,485	34	107,362	41								
		Total		870	100	27,782	100	50,915	100	256,766	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	223	26	5,595	20	12,249	25	53,778	21	2.2	2.4 ***	-19	2.3	-04	2.4 ***	-16	
		2	Sometimes	327	37	9,457	34	18,602	37	90,877	35								
		3	Often	194	22	7,313	26	12,195	24	64,649	25								
		4	Very often	125	15	5,300	19	7,597	15	46,415	18								
		Total		869	100	27,665	100	50,643	100	255,719	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	73	9	1,760	6	4,058	8	15,762	6	2.9	3.0 **	-11	2.9	.06	3.0 ***	-12	
		2	Often	140	16	3,999	14	9,055	18	36,297	14								
		3	Sometimes	436	50	14,389	52	27,154	53	135,172	52								
		4	Never	221	25	7,517	27	10,367	20	68,352	28								
		Total		870	100	27,665	100	50,634	100	255,583	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	396	47	13,977	51	21,529	43	114,046	46	1.8	1.7 *	.08	1.8	-04	1.8	.00	
		2	Sometimes	305	35	8,991	32	19,293	38	91,214	35								
		3	Often	93	11	2,839	10	6,234	12	30,670	11								
		4	Very often	68	8	1,790	6	3,509	7	19,247	7								
		Total		862	100	27,597	100	50,565	100	255,177	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	120	14	4,380	17	5,811	12	38,685	17	2.5	2.4	.06	2.5	-06	2.4	.07	
		2	Sometimes	344	40	11,227	41	19,806	40	102,531	41								
		3	Often	266	30	7,523	27	15,981	31	73,697	28								
		4	Very often	133	16	4,477	16	8,918	17	40,127	15								
		Total		863	100	27,607	100	50,516	100	255,040	100								
f. Explained course material to one or more students	CLexplain	1	Never	64	8	2,322	9	2,577	5	19,553	8	2.8	2.7 **	.10	2.8	-03	2.7 *	.08	
		2	Sometimes	276	31	9,665	35	16,308	33	85,528	34								
		3	Often	317	37	9,642	35	19,905	39	93,476	36								
		4	Very often	208	24	5,915	21	11,663	23	56,144	22								
		Total		865	100	27,544	100	50,453	100	254,701	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	152	18	5,481	21	7,606	16	48,701	21	2.6	2.4 **	.11	2.6	.00	2.4 **	.11	
		2	Sometimes	267	31	9,050	33	16,712	34	83,399	33								
		3	Often	245	28	7,443	27	14,960	29	71,608	27								
		4	Very often	193	23	5,462	20	10,948	21	49,958	19								
		Total		857	100	27,436	100	50,226	100	253,666	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	77	9	2,861	11	3,223	7	21,999	10	2.8	2.8	.03	2.9 ***	-.12	2.8	.00	
		2	Sometimes	249	29	7,729	29	13,274	27	70,941	28								
		3	Often	305	36	9,222	33	18,072	36	89,510	34								
		4	Very often	227	26	7,533	27	15,522	31	70,525	28								
		Total		858	100	27,345	100	50,091	100	252,975	100								
i. Given a course presentation	present	1	Never	100	12	4,402	17	5,394	11	29,236	13	2.6	2.5 *	.07	2.7	-.06	2.7	-.06	
		2	Sometimes	316	36	8,886	33	16,533	34	76,046	31								
		3	Often	256	30	7,960	29	16,085	32	81,908	31								
		4	Very often	184	22	6,062	22	12,057	24	65,624	25								
		Total		856	100	27,310	100	50,069	100	252,814	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	50	6	1,373	5	1,737	4	9,292	4	2.9	2.9 *	.08	2.9	.01	2.9	.02	
		2	Sometimes	200	24	7,719	29	13,224	27	67,805	28								
		3	Often	348	41	10,815	40	21,003	42	103,790	41								
		4	Very often	244	29	7,211	26	13,708	27	70,099	27								
		Total		842	100	27,118	100	49,672	100	250,986	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	105	14	2,412	10	3,884	9	16,631	8	2.6	2.7 ***	-.17	2.7 ***	-.18	2.8 ***	-.25	
		2	Sometimes	289	36	8,552	32	16,083	33	76,619	31								
		3	Often	275	32	9,625	35	17,834	35	92,660	36								
		4	Very often	159	19	6,390	23	11,680	23	64,271	25								
		Total		828	100	26,979	100	49,481	100	250,181	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	155	20	4,025	16	6,918	16	27,785	13	2.4	2.5 ***	-.14	2.5 ***	-.14	2.6 ***	-.23	
		2	Sometimes	290	36	9,181	35	17,218	36	84,502	34								
		3	Often	235	28	8,020	29	15,106	30	80,350	31								
		4	Very often	133	16	5,584	20	9,921	19	56,103	22								
		Total		813	100	26,810	100	49,163	100	248,740	100								

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NSSE 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	48	7	1,408	6	2,493	6	10,603	5	2.7	2.8 *	-0.08	2.8	-0.06	2.8 **	-0.11
		2	Sometimes	243	30	7,799	29	14,727	30	71,369	29							
		3	Often	354	44	11,435	43	21,390	43	108,672	43							
		4	Very often	148	19	5,990	22	10,254	21	56,662	23							
		Total		793	100	26,632	100	48,864	100	247,306	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	30	4	852	4	1,465	3	6,340	3	2.9	3.0	-0.06	3.0	-0.04	3.0 *	-0.07
		2	Sometimes	192	25	6,111	24	11,746	25	57,940	24							
		3	Often	355	45	11,967	45	22,191	45	111,807	45							
		4	Very often	201	26	7,480	28	13,007	27	69,154	28							
		Total		778	100	26,410	100	48,409	100	245,241	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	28	4	589	3	1,031	2	4,655	2	2.9	2.9	-0.04	2.9	-0.03	3.0	-0.06
		2	Sometimes	187	25	7,025	27	12,743	27	63,152	27							
		3	Often	356	46	11,639	44	21,712	45	109,427	44							
		4	Very often	186	24	6,934	26	12,441	26	66,094	27							
		Total		757	100	26,187	100	47,927	100	243,328	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	13	2	289	1	510	1	2,072	1	3.1	3.2	-0.06	3.2	-0.05	3.2 **	-0.10
		2	Sometimes	128	18	4,268	17	7,553	17	35,830	15							
		3	Often	353	47	11,996	46	22,653	47	113,883	47							
		4	Very often	252	34	9,402	36	16,864	35	89,809	37							
		Total		746	100	25,955	100	47,580	100	241,594	100							
3. During the current school year, about how often have you done the following?																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	134	19	5,584	22	8,102	18	38,685	17	2.4	2.3	.02	2.4	-0.04	2.5 **	-0.10
		2	Sometimes	305	41	9,910	38	19,088	40	91,136	38							
		3	Often	195	27	5,932	22	11,729	24	62,238	25							
		4	Very often	115	14	4,567	17	8,658	17	49,658	19							
		Total		749	100	25,993	100	47,577	100	241,717	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	296	41	12,068	47	18,906	41	97,946	43	2.0	1.9 *	.07	2.0	-0.03	2.0	-0.01
		2	Sometimes	247	32	7,166	27	14,983	31	72,697	29							
		3	Often	117	15	3,950	15	8,024	17	40,890	16							
		4	Very often	85	11	2,720	10	5,477	11	29,416	12							
		Total		745	100	25,904	100	47,390	100	240,949	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	200	28	8,588	34	12,324	27	62,796	28	2.1	2.1	.05	2.1	-.04	2.2	-.06	
		2	Sometimes	323	44	9,531	37	20,077	42	95,592	40								
		3	Often	142	19	4,903	19	9,835	20	52,712	21								
		4	Very often	72	10	2,707	10	4,879	10	28,408	11								
		Total		737	100	25,729	100	47,115	100	239,508	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	172	24	6,759	27	11,638	26	51,347	23	2.2	2.1	.02	2.1	.03	2.2 *	-0.08	
		2	Sometimes	338	45	10,852	42	21,221	45	104,332	43								
		3	Often	157	22	5,367	21	9,779	20	55,269	22								
		4	Very often	70	9	2,719	10	4,450	9	28,405	12								
		Total		737	100	25,697	100	47,088	100	239,353	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	45	6	1,856	7	3,337	7	19,169	8	2.8	2.8	.03	2.8	.04	2.7 **	.10	
		2	Some	209	29	7,395	29	13,976	30	74,669	32								
		3	Quite a bit	304	41	10,519	41	18,711	40	93,589	39								
		4	Very much	174	23	5,819	23	10,869	23	50,958	21								
		Total		732	100	25,589	100	46,893	100	238,385	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	24	4	777	3	1,350	3	6,370	3	3.0	3.1	-.02	3.1	-.02	3.1	-.04	
		2	Some	153	21	5,080	20	9,279	20	45,674	19								
		3	Quite a bit	319	44	11,283	44	21,137	45	107,928	45								
		4	Very much	229	32	8,376	32	14,991	32	77,711	32								
		Total		725	100	25,516	100	46,757	100	237,683	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	27	4	885	4	1,659	4	7,589	3	3.0	3.0	-.05	3.0	-.03	3.0	-.06	
		2	Some	164	23	5,495	22	10,483	23	50,365	21								
		3	Quite a bit	320	44	10,814	43	19,959	43	102,829	43								
		4	Very much	207	29	8,120	32	14,342	31	75,353	32								
		Total		718	100	25,314	100	46,443	100	236,136	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	53	8	1,385	6	3,047	7	11,068	5	2.8	2.9 ***	-0.14	2.8	-.04	2.9 ***	-0.15	
		2	Some	188	27	5,894	24	12,188	27	55,412	24								
		3	Quite a bit	292	40	10,664	42	18,947	40	101,385	43								
		4	Very much	175	24	7,284	28	12,081	26	67,466	28								
		Total		708	100	25,227	100	46,263	100	235,331	100								

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NSSE 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	47	7	1,110	5	2,265	5	8,939	4	2.9	2.9 **	-0.11	2.9	-0.04	3.0 **	-0.12
		2	Some	172	25	5,913	24	12,011	27	55,335	24							
		3	Quite a bit	302	43	10,972	43	19,901	42	104,937	44							
		4	Very much	183	25	7,123	28	11,898	26	65,311	28							
		Total		704	100	25,118	100	46,075	100	234,522	100							
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	15	2	597	3	968	2	5,024	2	3.1	3.1	-0.03	3.1	0.03	3.1	-0.02
		2	Some	130	19	4,357	18	8,353	19	40,237	18							
		3	Quite a bit	302	43	10,619	42	21,120	45	102,672	44							
		4	Very much	247	36	9,385	38	15,355	34	85,372	37							
		Total		694	100	24,958	100	45,796	100	233,305	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	34	5	1,107	5	1,545	4	8,190	4	3.0	3.1	-0.08	3.0	-0.06	3.1 **	-0.10
		2	Some	144	21	4,812	19	9,187	20	43,134	19							
		3	Quite a bit	300	43	10,480	42	21,118	46	103,397	44							
		4	Very much	211	30	8,518	34	13,881	31	78,297	34							
		Total		689	100	24,917	100	45,731	100	233,018	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	25	4	994	4	1,408	3	7,808	4	3.1	3.1	-0.01	3.1	-0.02	3.1	-0.04
		2	Some	152	22	5,036	21	9,115	20	44,248	19							
		3	Quite a bit	269	39	9,829	40	19,609	42	96,697	41							
		4	Very much	241	35	8,994	36	15,530	34	83,843	36							
		Total		687	100	24,853	100	45,662	100	232,596	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	94	14	2,978	13	5,430	13	23,083	11	2.6	2.7 **	-0.10	2.6	-0.02	2.8 ***	-0.16
		2	Some	215	32	7,056	29	14,653	32	64,948	28							
		3	Quite a bit	221	32	8,228	33	15,514	33	80,581	34							
		4	Very much	157	22	6,575	26	10,034	22	63,738	27							
		Total		687	100	24,837	100	45,631	100	232,350	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	85	13	2,266	10	4,030	9	16,775	8	2.6	2.8 ***	-0.19	2.7 **	-0.11	2.8 ***	-0.25
		2	Some	238	34	7,113	29	14,680	32	64,875	28							
		3	Quite a bit	223	33	9,018	36	17,342	37	89,564	38							
		4	Very much	140	20	6,378	25	9,409	21	60,472	26							
		Total		686	100	24,775	100	45,461	100	231,686	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public	Carnegie Class	NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e		
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	72	11	2,591	10	4,474	9	25,764	11	2.6	2.6	-03	2.7 *	-08	2.6	-02
		2	Sometimes	241	35	8,443	34	14,973	32	79,907	34							
		3	Often	238	36	9,000	37	16,564	37	81,521	36							
		4	Very often	126	19	4,550	19	9,097	21	42,780	19							
		Total		677	100	24,584	100	45,108	100	229,972	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	155	24	4,731	19	8,135	18	41,958	18	2.3	2.4 *	-09	2.4 **	-12	2.4 **	-11
		2	Sometimes	230	34	8,989	37	16,508	36	86,344	37							
		3	Often	190	28	7,086	29	13,273	29	66,759	29							
		4	Very often	93	14	3,645	15	6,998	16	34,023	15							
		Total		668	100	24,451	100	44,914	100	229,084	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	117	18	4,394	18	6,627	15	38,349	17	2.4	2.4	-02	2.5 **	-12	2.4	-05
		2	Sometimes	258	38	9,418	39	16,936	38	89,667	39							
		3	Often	215	32	7,381	30	14,673	33	69,757	31							
		4	Very often	76	12	3,174	13	6,536	15	30,678	14							
		Total		666	100	24,367	100	44,772	100	228,451	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	83	14	2,005	9	3,006	7	12,441	6	5.9	6.7 **	-12	7.2 ***	-20	7.8 ***	-28
		1.5	1-2	140	21	5,002	21	8,381	19	38,058	17							
		4	3-5	194	29	7,330	30	12,919	29	65,039	29							
		8	6-10	126	19	4,876	20	9,613	21	51,357	22							
		13	11-15	49	8	2,298	9	4,839	11	25,668	11							
		18	16-20	30	4	1,172	5	2,449	5	14,120	6							
		23	More than 20	38	5	1,635	7	3,441	8	21,203	9							
		Total		660	100	24,318	100	44,648	100	227,886	100							
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	235	37	7,369	31	11,190	26	49,618	23	2.8	3.1	-07	3.3 **	-11	3.7 ***	-18
		1.5	1-2	220	33	7,897	32	15,210	34	75,921	33							
		4	3-5	109	16	5,000	20	10,422	23	57,402	25							
		8	6-10	50	7	2,492	10	4,846	11	27,634	12							
		13	11-15	27	4	817	3	1,644	4	9,355	4							
		18	16-20	5	1	308	1	558	1	3,467	2							
		23	More than 20	14	2	351	2	632	1	3,789	2							
Total		660	100	24,234	100	44,502	100	227,186	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. 11 pages or more	wrlongnum	0	None	377	57	13,579	56	21,552	49	105,353	47	1.9	1.8	.01	1.9	-.02	2.0	-.03
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	175	27	6,677	27	14,886	33	79,126	34							
		4	3-5	53	8	2,064	9	4,652	10	25,188	11							
		8	6-10	24	4	933	4	1,820	4	9,003	4							
		13	11-15	15	2	515	2	906	2	4,487	2							
		18	16-20	7	1	182	1	283	1	1,735	1							
		23	More than 20	11	2	323	1	503	1	2,645	1							
		Total			662	100	24,273	100	44,602	100	227,537	100						
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									67.5	71.9	-.04	76.4 *	-.10	81.8 ***	-.15
8. During the current school year, about how often have you had discussions with people from the following groups?																		
a. People of a race or ethnicity other than your own	DDrace	1	Never	29	5	1,322	6	1,721	4	11,369	5	3.1	3.1	.00	3.1	-.01	3.1	.07
		2	Sometimes	139	21	4,612	19	9,413	21	52,885	23							
		3	Often	191	28	7,239	30	13,985	31	70,927	31							
		4	Very often	304	45	11,033	45	19,451	44	92,190	41							
			Total	663	100	24,206	100	44,570	100	227,371	100							
b. People from an economic background other than your own	DDeconomic	1	Never	32	6	1,194	5	1,578	4	9,599	5	3.1	3.1	-.02	3.1	-.04	3.1	.02
		2	Sometimes	139	22	4,936	21	9,251	21	51,151	23							
		3	Often	211	31	8,073	33	15,999	35	81,283	35							
		4	Very often	276	41	9,966	41	17,676	40	84,899	37							
			Total	658	100	24,169	100	44,504	100	226,932	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	43	8	1,570	7	2,086	5	14,393	7	3.0	3.0	-.03	3.1	-.08	3.0	.03
		2	Sometimes	160	24	5,444	23	10,025	23	60,167	26							
		3	Often	192	29	7,562	31	14,912	33	72,796	32							
		4	Very often	262	39	9,599	39	17,490	39	79,622	36							
			Total	657	100	24,175	100	44,513	100	226,978	100							
d. People with political views other than your own	DDpolitical	1	Never	36	7	1,646	7	2,562	6	14,019	7	3.0	3.0	.05	3.0	.06	2.9 *	.09
		2	Sometimes	160	24	6,066	25	12,545	28	63,750	28							
		3	Often	200	30	7,627	31	14,008	31	73,613	32							
		4	Very often	263	39	8,840	36	15,384	35	75,589	34							
			Total	659	100	24,179	100	44,499	100	226,971	100							

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NSSE 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	28	5	586	3	1,236	3	5,049	2	3.0	3.1 ***	-0.17	3.0 **	-0.11	3.1 ***	-0.19	
		2	Sometimes	146	23	4,614	19	9,301	21	42,580	19								
		3	Often	284	43	10,529	44	19,437	43	99,534	44								
		4	Very often	192	29	8,315	34	14,317	32	78,946	35								
		Total		650	100	24,044	100	44,291	100	226,109	100								
b. Reviewed your notes after class	LSnotes	1	Never	50	8	1,412	6	3,644	8	17,262	8	2.8	2.9 *	-0.10	2.8	.07	2.8	-0.01	
		2	Sometimes	193	30	6,740	28	14,606	33	68,749	30								
		3	Often	220	34	8,328	35	14,487	33	74,887	33								
		4	Very often	188	28	7,566	31	11,520	26	65,016	29								
		Total		651	100	24,046	100	44,257	100	225,914	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	53	9	1,525	7	3,428	8	15,235	7	2.8	2.9 **	-0.12	2.8	.00	2.8 *	-0.09	
		2	Sometimes	205	32	6,817	29	14,191	32	66,227	29								
		3	Often	224	34	8,919	37	16,089	36	84,710	37								
		4	Very often	168	25	6,772	28	10,509	24	59,593	26								
		Total		650	100	24,033	100	44,217	100	225,765	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	15	3	302	1	485	1	2,365	1	5.4	5.6 ***	-0.15	5.4	-0.02	5.6 ***	-0.13	
		2		6	1	340	2	722	2	3,128	2								
		3		36	6	1,022	5	2,180	5	9,267	4								
		4		68	11	2,390	10	5,069	12	22,604	10								
		5		196	31	6,343	27	13,820	31	63,638	28								
		6		145	23	5,738	24	11,194	25	57,697	25								
		7	Very much	176	26	7,740	32	10,507	24	65,795	29								
		Total		642	100	23,875	100	43,977	100	224,494	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		73	12	2,968	13	3,442	8	21,618	10	43%	37% **	.12	53% ***	-0.22	49% **	-0.12	
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	123	20	4,449	19	6,419	15	36,902	18								
		Plan to do	169	26	7,458	31	9,990	23	50,995	23									
		Done or in progress	276	43	9,042	37	24,190	53	115,215	49									
		Total	641	100	23,917	100	44,041	100	224,730	100									

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NSSE 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	76	12	3,445	15	4,006	10	25,784	12	34%	28% ***	.14	41% ***	-.14	35%	-.02
			Do not plan to do	284	46	10,944	46	17,733	41	96,640	44							
			Plan to do	57	8	2,670	11	3,547	8	18,195	8							
			Done or in progress	223	34	6,802	28	18,666	41	83,662	35							
			Total	640	100	23,861	100	43,952	100	224,281	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	88	14	3,961	17	4,973	12	31,764	15	22%	19%	.07	23%	-.03	23%	-.02
			Do not plan to do	323	52	11,948	51	24,317	56	116,390	53							
			Plan to do	78	13	3,157	13	3,987	9	21,777	10							
			Done or in progress	145	22	4,708	19	10,558	23	53,687	23							
			Total	634	100	23,774	100	43,835	100	223,618	100							
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	50	8	3,588	15	4,038	10	25,203	12	26%	9% ***	.47	19% ***	.17	14% ***	.30
			Do not plan to do	374	59	15,675	66	27,725	64	147,744	67							
			Plan to do	49	8	2,261	10	3,038	7	14,973	7							
			Done or in progress	163	26	2,260	9	9,061	19	35,839	14							
			Total	636	100	23,784	100	43,862	100	223,759	100							
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	115	19	4,418	19	5,627	13	33,148	16	20%	17% *	.08	27% ***	-.15	23%	-.06
			Do not plan to do	298	48	11,634	49	21,064	47	112,050	50							
			Plan to do	85	13	3,561	15	5,375	13	25,001	12							
			Done or in progress	135	20	4,180	17	11,799	27	53,576	23							
			Total	633	100	23,793	100	43,865	100	223,775	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	89	14	3,243	14	3,329	8	20,309	10	34%	33%	.02	45% ***	-.21	45% ***	-.22
			Do not plan to do	173	28	5,299	23	9,445	23	43,215	21							
			Plan to do	153	24	7,045	29	10,143	23	52,729	25							
			Done or in progress	218	34	8,165	33	20,872	45	107,226	45							
			Total	633	100	23,752	100	43,789	100	223,479	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 2018 & 2019
None	276	47	9,665	42	19,506	46	81,930	39	1.6
Some	300	45	10,708	44	20,139	45	112,245	48	
Most	42	6	2,657	11	3,309	7	23,440	10	
All	14	2	690	3	782	2	5,503	2	
Total	632	100	23,720	100	43,736	100	223,118	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b								
								NSSE 2018 & 2019				Your seniors compared with								
Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
13. Indicate the quality of your interactions with the following people at your institution.																				
a. Students	QIstudent	1	Poor	14	2	300	1	528	1	2,632	1	5.5	5.6	-.07	5.5	-.03	5.6	-.06		
		2		10	2	410	2	712	2	3,645	2									
		3		25	4	964	4	1,780	4	8,927	4									
		4		70	11	2,575	11	4,621	11	23,226	11									
		5		167	27	5,501	23	11,411	26	54,918	24									
		6		145	22	5,838	24	12,191	27	58,924	26									
		7	Excellent	186	29	7,455	31	11,957	27	65,930	29									
		—	Not applicable	15	2	667	3	530	1	4,894	3									
			Total	632	100	23,710	100	43,730	100	223,096	100									
b. Academic advisors	QIadvisor	1	Poor	37	6	1,115	5	2,168	5	9,571	5	5.3	5.2	.06	5.1 ***	.14	5.3	.03		
		2		31	4	1,255	5	2,443	6	10,303	5									
		3		42	6	1,772	7	3,678	8	15,911	7									
		4		73	11	2,921	12	5,982	14	26,779	12									
		5		110	18	4,319	18	8,446	19	40,073	18									
		6		110	17	4,306	18	8,357	19	43,368	19									
		7	Excellent	223	37	7,674	32	12,285	28	73,931	33									
		—	Not applicable	6	1	344	1	353	1	3,047	1									
			Total	632	100	23,706	100	43,712	100	222,983	100									
c. Faculty	QIfaculty	1	Poor	8	1	476	2	657	2	3,147	2	5.6	5.5	.06	5.3 ***	.15	5.5	.02		
		2		12	2	588	3	940	2	4,410	2									
		3		38	7	1,248	5	2,285	5	9,995	5									
		4		60	10	2,822	12	5,931	13	24,842	11									
		5		139	21	5,220	22	11,583	26	52,107	23									
		6		184	29	6,118	26	12,335	28	61,956	27									
		7	Excellent	188	30	6,934	29	9,648	22	64,471	29									
		—	Not applicable	4	1	282	1	303	1	1,939	1									
			Total	633	100	23,688	100	43,682	100	222,867	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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Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	23	4	1,070	5	1,767	4	9,486	4	5.1	5.0	.08	4.9 **	.13	5.0	.08
		2		22	3	974	4	1,905	4	9,443	4							
		3		37	6	1,476	6	3,281	8	15,586	7							
		4		86	13	2,789	12	6,577	15	28,787	13							
		5		113	17	3,958	16	8,898	20	40,905	18							
		6		114	18	3,707	15	7,743	17	37,492	16							
		7	Excellent	128	21	4,491	19	7,036	16	41,620	19							
		—	Not applicable	110	17	5,210	22	6,471	15	39,497	19							
	Total	633	100	23,675	100	43,678	100	222,816	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	35	6	1,131	5	2,125	5	10,234	5	5.0	5.0	-.03	4.8 *	.10	5.0	-.02
		2		19	3	1,096	5	2,317	5	10,753	5							
		3		52	8	1,846	8	3,966	9	17,684	8							
		4		99	15	3,330	14	7,261	16	32,747	14							
		5		138	22	4,694	20	9,498	21	46,376	20							
		6		117	18	4,478	19	7,988	18	43,321	19							
		7	Excellent	126	21	5,358	23	6,987	16	48,477	22							
		—	Not applicable	46	8	1,750	8	3,513	8	13,190	7							
	Total	632	100	23,683	100	43,655	100	222,782	100									
14. How much does your institution emphasize the following?																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	13	3	525	2	843	2	4,515	2	3.0	3.1 *	-.09	3.1 *	-.09	3.1 *	-.08
		2	Some	146	23	4,537	19	8,311	19	42,329	19							
		3	Quite a bit	270	44	10,710	45	20,151	46	102,468	46							
		4	Very much	201	30	7,832	33	14,248	32	72,792	32							
			Total	630	100	23,604	100	43,553	100	222,104	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	39	7	1,258	6	2,274	6	10,709	5	3.0	2.9	.05	2.9 **	.12	2.9	.03
		2	Some	116	18	5,705	24	11,482	26	51,939	24							
		3	Quite a bit	282	45	9,783	41	18,986	43	94,480	42							
		4	Very much	195	30	6,786	29	10,712	25	64,542	29							
			Total	632	100	23,532	100	43,454	100	221,670	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	61	10	2,240	10	3,823	9	18,497	9	2.9	2.9	.02	2.8 *	.09	2.9	.01
		2	Some	126	21	5,759	25	11,837	27	53,734	25							
		3	Quite a bit	251	40	8,512	36	16,838	38	84,378	38							
		4	Very much	189	29	7,032	30	10,958	25	64,978	29							
			Total	627	100	23,543	100	43,456	100	221,587	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech Mean	Southwest Public		Carnegie Class		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	98	17	3,300	14	6,659	16	32,488	15	2.6	2.7	-.08	2.6	.00	2.6	-.03
		2	Some	186	30	6,677	29	13,605	31	67,333	30							
		3	Quite a bit	194	31	7,707	33	13,767	31	71,513	32							
		4	Very much	147	22	5,812	24	9,317	22	49,797	23							
		Total		625	100	23,496	100	43,348	100	221,131	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	44	8	2,187	10	3,375	8	19,272	10	2.9	2.8 **	.13	2.8 *	.10	2.8 ***	.14
		2	Some	132	21	5,975	26	11,405	26	57,786	27							
		3	Quite a bit	255	41	8,886	37	17,215	39	85,447	38							
		4	Very much	195	30	6,415	27	11,338	26	58,456	26							
		Total		626	100	23,463	100	43,333	100	220,961	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	59	10	2,957	13	4,788	11	26,554	13	2.9	2.7 ***	.16	2.8 **	.13	2.7 ***	.17
		2	Some	142	22	6,451	28	11,907	27	61,190	28							
		3	Quite a bit	232	37	8,230	35	16,069	37	79,696	36							
		4	Very much	191	30	5,788	25	10,491	25	53,171	24							
		Total		624	100	23,426	100	43,255	100	220,611	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	197	32	7,811	34	15,389	36	73,806	34	2.1	2.1	.02	2.0 **	.13	2.1	.05
		2	Some	211	33	7,844	33	15,674	36	77,352	35							
		3	Quite a bit	144	23	4,930	21	8,289	19	45,430	21							
		4	Very much	72	12	2,836	12	3,901	9	23,946	11							
		Total		624	100	23,421	100	43,253	100	220,534	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	65	11	4,061	18	5,458	13	37,644	19	2.9	2.6 ***	.29	2.7 ***	.19	2.5 ***	.32
		2	Some	143	23	6,817	29	13,032	30	65,798	30							
		3	Quite a bit	228	37	7,601	32	15,341	35	73,206	32							
		4	Very much	188	29	4,905	21	9,354	22	43,581	19							
		Total		624	100	23,384	100	43,185	100	220,229	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	126	21	5,321	23	8,524	20	47,062	23	2.3	2.3	.01	2.3	-.01	2.3	.01
		2	Some	253	40	8,327	36	16,960	39	80,095	36							
		3	Quite a bit	160	26	6,377	27	12,323	28	62,586	27							
		4	Very much	84	14	3,360	14	5,388	13	30,426	14							
		Total		623	100	23,385	100	43,195	100	220,169	100							

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NSSE 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	3	0	109	1	170	0	884	0	15.0							
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	74	12	3,352	15	5,631	13	29,110	13								
	8	6-10 hrs	146	24	5,514	24	9,771	23	50,367	23									
	13	11-15 hrs	134	22	4,574	19	8,768	20	44,478	20									
	18	16-20 hrs	105	17	4,092	17	7,824	18	39,765	18									
	23	21-25 hrs	60	10	2,419	10	4,690	11	23,872	11									
	28	26-30 hrs	38	6	1,346	6	2,639	6	13,795	6									
	33	More than 30 hrs	59	9	1,935	8	3,602	9	17,666	8									
	Total			619	100	23,341	100	43,095	100	219,937	100								
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	244	41	11,361	50	14,613	35	91,670	44	4.9							
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	187	29	6,022	25	13,425	30	60,871	27								
	8	6-10 hrs	94	15	2,582	11	6,839	16	28,584	12									
	13	11-15 hrs	40	6	1,510	6	3,842	9	16,420	7									
	18	16-20 hrs	24	4	937	4	2,192	5	10,483	5									
	23	21-25 hrs	15	3	443	2	1,114	3	5,503	2									
	28	26-30 hrs	4	1	163	1	388	1	2,307	1									
	33	More than 30 hrs	11	2	273	1	610	2	3,691	2									
	Total			619	100	23,291	100	43,023	100	219,529	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	448	73	18,333	79	28,718	68	153,575	72	4.4							
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	2	459	2	1,805	4	11,097	4								
	8	6-10 hrs	19	3	847	4	3,674	8	18,480	7									
	13	11-15 hrs	33	5	1,066	4	3,563	8	14,625	6									
	18	16-20 hrs	71	11	1,585	7	3,192	7	13,606	6									
	23	21-25 hrs	20	3	545	2	1,072	2	4,076	2									
	28	26-30 hrs	4	1	157	1	399	1	1,518	1									
	33	More than 30 hrs	11	2	322	2	624	2	2,637	1									
	Total			619	100	23,314	100	43,047	100	219,614	100								

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NSSE 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	299	49	8,579	36	20,468	48	89,697	40	10.8	15.1 ***	-0.31	10.3	.04	13.3 ***	-0.19
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	31	5	903	4	2,323	5	11,051	5							
	8	6-10 hrs	29	4	1,195	5	2,944	6	13,953	6								
	13	11-15 hrs	35	6	1,413	6	3,198	7	14,930	6								
	18	16-20 hrs	62	10	1,987	8	4,009	9	19,762	9								
	23	21-25 hrs	43	7	1,839	8	2,936	7	15,413	7								
	28	26-30 hrs	35	6	1,340	6	1,921	4	11,432	5								
	33	More than 30 hrs	82	14	6,074	27	5,276	13	43,515	22								
	Total			616	100	23,330	100	43,075	100	219,753	100							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)										15.2	18.4 ***	-0.24	14.7	.03	17.0 ***	-0.14	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	303	51	11,337	50	21,392	51	106,349	50	3.3	3.5	-0.03	3.0	.05	3.3	-0.01
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	212	32	7,675	32	15,004	34	75,883	33							
	8	6-10 hrs	47	7	2,061	9	3,411	8	18,484	8								
	13	11-15 hrs	30	5	926	4	1,456	3	8,202	4								
	18	16-20 hrs	12	2	630	3	837	2	4,990	2								
	23	21-25 hrs	4	1	271	1	427	1	2,248	1								
	28	26-30 hrs	4	1	114	1	168	0	1,015	0								
	33	More than 30 hrs	8	1	279	1	339	1	2,425	1								
	Total			620	100	23,293	100	43,034	100	219,596	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	19	3	937	4	1,023	3	6,735	3	11.6	10.0 ***	.19	11.7	-0.01	10.7 **	.11
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	159	24	7,561	32	9,895	23	61,602	28							
	8	6-10 hrs	171	26	6,302	27	12,169	28	61,785	28								
	13	11-15 hrs	117	20	3,730	16	8,660	20	40,069	18								
	18	16-20 hrs	72	12	2,312	10	5,650	13	24,691	11								
	23	21-25 hrs	35	6	996	4	2,404	6	10,283	5								
	28	26-30 hrs	9	1	415	2	1,074	3	4,632	2								
	33	More than 30 hrs	35	6	1,034	5	2,157	5	9,727	5								
	Total			617	100	23,287	100	43,032	100	219,524	100							

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NSSE 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2018 & 2019								Your seniors compared with						
				Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	446	73	12,902	55	31,805	73	140,420	62	4.8	8.0 *** ▽	-0.26	4.1	.08	6.7 *** ▽	-0.16
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	50	8	2,705	12	3,801	9	22,749	10							
	8	6-10 hrs	17	2	1,410	6	1,761	4	10,923	5								
	13	11-15 hrs	15	3	923	4	1,122	3	7,153	3								
	18	16-20 hrs	15	3	885	4	932	2	6,060	3								
	23	21-25 hrs	8	1	457	2	560	1	3,264	2								
	28	26-30 hrs	4	1	322	1	292	1	2,430	1								
	33	More than 30 hrs	62	9	3,632	15	2,701	7	26,244	13								
	Total			617	100	23,236	100	42,974	100	219,243	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	76	13	4,388	20	6,436	15	57,997	26	5.2	5.9 ** ▽	-0.10	5.4	-0.03	4.9	.04
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	367	60	10,913	46	23,757	54	103,496	46							
	8	6-10 hrs	96	15	4,373	19	7,820	19	33,267	16								
	13	11-15 hrs	38	6	1,681	7	2,637	6	11,925	6								
	18	16-20 hrs	18	3	757	3	1,026	3	5,004	2								
	23	21-25 hrs	7	1	337	1	484	1	2,375	1								
	28	26-30 hrs	4	1	203	1	205	0	1,177	1								
	33	More than 30 hrs	9	1	632	3	682	2	4,335	2								
	Total			615	100	23,284	100	43,047	100	219,576	100							
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																		
reading		1	Very little	127	22	3,187	14	7,814	19	30,295	14	2.6	2.9 *** ▽	-0.24	2.6	-0.07	2.8 *** ▽	-0.21
		2	Some	185	30	6,284	27	13,206	31	61,981	29							
		3	About half	158	25	6,491	28	10,438	24	60,867	28							
		4	Most	101	16	5,019	21	8,060	18	46,415	21							
		5	Almost all	46	7	2,288	10	3,480	8	19,795	9							
		Total			617	100	23,269	100	42,998	100	219,353							
tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)											6.4	7.2 *** ▽	-0.13	6.5	-0.02	7.1 ** ▽	-0.12

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Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
	tmreadinghrscol	1	0 hrs	3	0	107	0	167	0	866	0						
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	329	55	11,159	49	22,172	53	104,117	48						
		3	More than 5, up to 10 hrs	149	24	6,438	28	12,086	28	63,060	29						
		4	More than 10, up to 15 hrs	63	10	2,420	10	4,014	9	23,350	10						
		5	More than 15, up to 20 hrs	41	6	1,467	6	2,261	5	13,259	6						
		6	More than 20, up to 25 hrs	20	3	1,024	4	1,475	3	9,310	4						
		7	More than 25 hrs	9	1	558	2	654	2	4,472	2						
		Total		614	100	23,173	100	42,829	100	218,434	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	35	6	1,406	6	2,696	7	10,825	6	3.0	3.0	-.02	2.9	.03	3.0	-.07
		2	Some	146	24	5,109	22	10,010	24	45,183	21							
		3	Quite a bit	240	38	8,836	38	16,787	39	85,535	39							
		4	Very much	195	32	7,796	33	13,335	31	76,900	35							
		Total		616	100	23,147	100	42,828	100	218,443	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	39	7	1,935	9	3,463	8	15,415	8	3.0	2.9	.07	2.9 *	.09	2.9	.03
		2	Some	142	23	5,518	24	10,730	25	49,901	23							
		3	Quite a bit	231	38	8,463	36	15,903	37	81,840	37							
		4	Very much	200	32	7,290	31	12,794	30	71,686	32							
		Total		612	100	23,206	100	42,890	100	218,842	100							
c. Thinking critically and analytically	pgthink	1	Very little	13	3	622	3	995	3	4,705	3	3.3	3.3	.07	3.3	.04	3.3	.03
		2	Some	71	12	3,122	14	5,431	13	26,697	13							
		3	Quite a bit	233	37	8,785	37	16,279	37	81,916	37							
		4	Very much	299	49	10,694	46	20,191	47	105,654	48							
		Total		616	100	23,223	100	42,896	100	218,972	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	52	9	2,155	9	3,685	8	21,813	10	3.0	2.9	.07	3.0	.02	2.9 *	.10
		2	Some	143	22	5,739	24	10,411	23	57,094	25							
		3	Quite a bit	197	32	7,781	33	14,276	33	72,145	33							
		4	Very much	221	37	7,548	33	14,538	35	67,875	32							
		Total		613	100	23,223	100	42,910	100	218,927	100							

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

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Item wording or description	Variable name ^c	Values ^d	Response options	Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	60	10	2,214	10	3,970	10	17,433	9	2.9	2.9	.04	2.9	.06	3.0	-.01
		2	Some	134	22	5,354	23	10,352	24	49,280	23							
		3	Quite a bit	195	32	7,784	33	14,364	33	75,108	34							
		4	Very much	224	36	7,879	33	14,203	33	77,100	35							
		Total		613	100	23,231	100	42,889	100	218,921	100							
f. Working effectively with others	pgothers	1	Very little	41	7	1,314	6	2,094	5	10,517	6	3.1	3.0	.04	3.0	.03	3.0	.01
		2	Some	117	19	4,908	22	9,083	22	43,792	21							
		3	Quite a bit	210	34	8,613	37	16,494	38	83,486	37							
		4	Very much	246	39	8,408	36	15,234	35	81,119	36							
		Total		614	100	23,243	100	42,905	100	218,914	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	88	15	2,563	12	5,270	13	21,002	11	2.8	2.8	-.06	2.8	.02	2.9 *	-.09
		2	Some	135	23	5,558	24	11,154	26	51,060	24							
		3	Quite a bit	199	32	7,776	33	14,469	33	75,697	34							
		4	Very much	188	30	7,328	31	11,970	28	71,013	31							
		Total		610	100	23,225	100	42,863	100	218,772	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	69	12	2,189	10	4,188	10	19,749	10	2.8	2.9 **	-.11	2.8	-.06	2.9 *	-.09
		2	Some	159	27	5,557	24	11,056	26	55,051	25							
		3	Quite a bit	207	33	7,638	32	14,711	34	74,492	33							
		4	Very much	179	28	7,836	33	12,889	30	69,463	31							
		Total		614	100	23,220	100	42,844	100	218,755	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	65	11	2,207	10	3,745	9	18,443	9	2.9	2.8	.02	2.8	.03	2.8	.01
		2	Some	143	24	6,180	27	11,715	27	58,137	27							
		3	Quite a bit	209	34	7,932	34	15,244	35	77,983	35							
		4	Very much	195	31	6,923	30	12,171	29	64,295	29							
		Total		612	100	23,242	100	42,875	100	218,858	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	81	14	3,011	14	5,734	14	25,991	13	2.7	2.7	-.05	2.7	.00	2.7	-.07
		2	Some	181	30	6,652	29	13,044	30	62,780	29							
		3	Quite a bit	204	33	7,336	31	13,603	31	71,178	32							
		4	Very much	150	24	6,254	27	10,526	24	58,987	27							
		Total		616	100	23,253	100	42,907	100	218,936	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 2019 Frequencies and Statistical Comparisons

Texas Tech University

Seniors

				Frequency Distributions ^a						Statistical Comparisons ^b									
				Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019		Texas Tech		Southwest Public		Carnegie Class		NSSE 2018 & 2019	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	19	4	592	3	1,085	3	5,281	3	3.3	3.2 *	.10	3.2 **	.12	3.3	.07	
		2	Fair	56	9	2,855	13	5,155	13	24,972	12								
		3	Good	246	39	10,084	43	19,513	44	94,026	42								
		4	Excellent	297	48	9,839	42	17,330	40	95,499	43								
			Total	618	100	23,370	100	43,083	100	219,778	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	35	6	997	5	1,868	5	10,333	5	3.3	3.3	.01	3.2	.04	3.2	.04	
		2	Probably no	72	12	2,714	12	5,136	12	27,377	12								
		3	Probably yes	189	31	8,715	37	17,047	39	83,114	37								
		4	Definitely yes	327	51	11,014	46	19,175	44	99,597	45								
			Total	623	100	23,440	100	43,226	100	220,421	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 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g Texas Tech University

First-Year Students

Variable Name	N		Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	Texas Tech	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Comparisons with:			Comparisons with:			Comparisons with:			
														Southwest Public	Carnegie Class	NSSE 2018 & 2019	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Southwest Public	Carnegie Class	NSSE 2018 & 2019	
1 a. askquest	734	2.60	2.71	2.73	2.83	.031	.008	.006	.003	.83	.85	.85	.85	11,799	24,291	106,803	.000	.000	.000	-.13	-.16	-.28	
b. drafts	730	2.31	2.44	2.36	2.48	.037	.009	.006	.003	.99	.98	.98	.98	11,722	24,120	106,206	.000	.148	.000	-.14	-.05	-.18	
c. unpreparedr	728	3.02	3.00	2.92	3.05	.029	.007	.005	.002	.79	.78	.79	.77	11,705	24,106	106,120	.503	.001	.294	.03	.12	-.04	
d. attendart	722	1.77	1.90	1.90	1.91	.034	.009	.006	.003	.92	.93	.91	.93	11,675	766	105,837	.000	.000	.000	-.15	-.15	-.15	
e. CLaskhelp	722	2.62	2.67	2.73	2.61	.034	.009	.006	.003	.91	.90	.87	.91	11,649	763	105,643	.163	.002	.684	-.05	-.12	.02	
f. CLexplain	718	2.80	2.74	2.81	2.70	.032	.008	.005	.003	.85	.83	.81	.85	11,608	758	105,313	.071	.620	.003	.07	-.02	.11	
g. CLstudy	718	2.64	2.56	2.65	2.53	.039	.009	.006	.003	1.03	.97	.96	.98	803	756	726	.059	.692	.007	.08	-.02	.11	
h. CLproject	712	2.63	2.67	2.72	2.64	.034	.008	.006	.003	.90	.87	.86	.89	801	752	104,096	.219	.012	.897	-.05	-.10	.00	
i. present	710	2.16	2.22	2.21	2.31	.034	.009	.006	.003	.91	.91	.90	.92	11,470	23,594	719	.106	.173	.000	-.06	-.05	-.16	
2 a. RIntegrate	691	2.50	2.51	2.59	2.58	.033	.008	.006	.003	.87	.86	.83	.85	11,245	23,255	102,492	.700	.005	.012	-.02	-.11	-.10	
b. RIsocietal	680	2.42	2.49	2.56	2.57	.034	.009	.006	.003	.88	.89	.87	.88	11,144	23,056	101,733	.045	.000	.000	-.08	-.16	-.17	
c. RIdiverse	668	2.38	2.52	2.55	2.57	.036	.009	.006	.003	.93	.91	.90	.90	11,030	22,822	100,820	.000	.000	.000	-.16	-.19	-.22	
d. Rlownview	662	2.73	2.76	2.76	2.78	.032	.008	.005	.003	.83	.81	.80	.80	10,906	699	669	.347	.401	.124	-.04	-.03	-.06	
e. Rlperspect	646	2.84	2.93	2.91	2.92	.031	.008	.005	.003	.79	.80	.79	.79	10,755	22,197	98,455	.008	.038	.009	-.11	-.08	-.10	
f. Rlnewview	633	2.76	2.84	2.84	2.85	.032	.008	.005	.003	.81	.80	.78	.79	10,616	667	639	.026	.022	.005	-.09	-.10	-.11	
g. Rlconnect	623	2.93	2.98	3.03	3.04	.030	.008	.005	.002	.76	.75	.73	.74	10,496	656	629	.126	.001	.001	-.06	-.14	-.14	
3 a. SFcareer	621	2.34	2.28	2.30	2.33	.037	.009	.006	.003	.93	.94	.92	.94	10,490	21,637	96,148	.123	.246	.823	.06	.05	.01	
b. SFotherwork	618	1.84	1.82	1.80	1.81	.038	.009	.006	.003	.94	.93	.91	.93	10,434	21,494	95,602	.636	.335	.470	.02	.04	.03	
c. SFdiscuss	612	2.02	1.98	2.00	2.03	.037	.009	.006	.003	.93	.91	.88	.90	10,328	644	94,764	.224	.600	.849	.05	.02	-.01	
d. SFperform	610	2.10	2.12	2.09	2.17	.035	.009	.006	.003	.86	.90	.87	.89	695	21,255	617	.553	.926	.044	-.02	.00	-.08	
4 a. memorize	599	2.94	2.94	2.95	2.91	.033	.008	.006	.003	.81	.81	.80	.81	10,244	21,129	94,046	.827	.805	.380	.01	-.01	.04	
b. HOapply	596	2.93	2.87	2.97	2.91	.033	.008	.005	.003	.82	.82	.78	.80	10,174	628	93,481	.073	.222	.620	.08	-.05	.02	
c. HOanalyze	587	2.88	2.86	2.92	2.90	.034	.008	.006	.003	.81	.82	.81	.81	10,076	20,856	92,612	.644	.227	.462	.02	-.05	-.03	
d. HOevaluate	582	2.80	2.86	2.85	2.89	.035	.008	.006	.003	.84	.82	.83	.81	652	614	588	.071	.182	.007	-.08	-.06	-.12	
e. HOform	577	2.80	2.85	2.85	2.88	.035	.008	.006	.003	.84	.81	.82	.81	644	608	583	.114	.137	.022	-.07	-.06	-.10	
5 a. ETgoals	569	2.98	3.04	3.04	3.06	.032	.008	.005	.003	.77	.80	.76	.78	646	20,496	91,076	.045	.061	.015	-.08	-.08	-.10	
b. ETorganize	572	2.91	2.97	2.98	2.99	.034	.009	.006	.003	.81	.84	.79	.82	9,885	602	90,870	.148	.053	.024	-.06	-.08	-.09	
c. ETexample	571	2.92	2.99	3.00	3.01	.035	.009	.006	.003	.83	.84	.80	.83	9,842	601	90,608	.049	.018	.010	-.08	-.10	-.11	
d. ETdraftfb	570	2.61	2.77	2.72	2.83	.039	.010	.006	.003	.94	.92	.91	.91	9,843	20,372	575	.000	.006	.000	-.18	-.12	-.25	
e. ETfeedback	566	2.56	2.67	2.62	2.73	.038	.010	.006	.003	.89	.92	.89	.90	9,793	20,287	90,144	.005	.108	.000	-.12	-.07	-.19	

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First-Year Students

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	Texas Tech	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Comparisons with:			Comparisons with:			Comparisons with:			
														Southwest Public	Carnegie Class	NSSE 2018 & 2019	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Southwest Public	Carnegie Class	NSSE 2018 & 2019	
6 a. QRconclude	561	2.62	2.58	2.62	2.57	.036	.009	.006	.003	.86	.88	.87	.88	9,664	20,063	89,177	.289	.932	.201	.05	.00	.05	
b. QRproblem	553	2.26	2.30	2.32	2.31	.039	.010	.007	.003	.92	.93	.92	.92	9,601	19,945	88,631	.268	.123	.223	-.05	-.07	-.05	
c. QRevaluate	549	2.27	2.29	2.36	2.30	.037	.009	.006	.003	.87	.89	.88	.89	9,575	19,881	88,277	.574	.018	.414	-.02	-.10	-.03	
7 a. wrshortnum	545	4.75	5.73	6.41	6.63	.207	.056	.040	.019	4.84	5.29	5.56	5.72	626	586	554	.000	.000	.000	-.19	-.30	-.33	
b. wrmednum	542	1.51	2.09	2.34	2.36	.123	.035	.024	.011	2.87	3.33	3.32	3.35	632	583	551	.000	.000	.000	-.18	-.25	-.25	
c. wrlongnum	544	.75	.97	.93	.96	.120	.032	.020	.010	2.80	3.00	2.72	2.81	621	19,803	87,994	.084	.128	.089	-.07	-.07	-.07	
— wrpages	541	36.64	47.94	51.63	52.76	2.813	.781	.502	.241	65.44	73.85	69.49	71.06	626	575	548	.000	.000	.000	-.15	-.22	-.23	
8 a. DDrace	539	3.06	3.04	3.12	3.03	.037	.010	.006	.003	.87	.93	.87	.91	615	19,751	87,795	.593	.106	.473	.02	-.07	.03	
b. DDeconomic	540	3.08	2.99	3.09	3.02	.036	.010	.006	.003	.85	.91	.85	.89	9,492	19,718	87,615	.033	.795	.096	.09	-.01	.07	
c. DDreligion	539	2.96	2.93	3.04	2.93	.039	.010	.006	.003	.91	.95	.90	.94	611	19,720	87,615	.447	.024	.537	.03	-.10	.03	
d. DDpolitical	537	3.01	2.90	2.95	2.89	.038	.010	.007	.003	.88	.94	.91	.94	612	569	543	.005	.104	.002	.12	.07	.13	
9 a. LSreading	533	2.84	2.93	2.97	3.00	.035	.008	.006	.003	.80	.77	.77	.77	593	560	538	.009	.000	.000	-.12	-.18	-.22	
b. LSnotes	533	2.95	2.88	2.85	2.90	.037	.009	.006	.003	.86	.88	.88	.88	9,402	564	86,926	.088	.011	.221	.08	.11	.05	
c. LSsummary	534	2.81	2.77	2.77	2.82	.038	.009	.006	.003	.88	.88	.87	.87	9,397	19,537	86,835	.330	.266	.900	.04	.05	-.01	
10. challenge	528	5.36	5.35	5.37	5.42	.053	.014	.009	.004	1.21	1.30	1.23	1.26	9,332	19,431	86,392	.798	.873	.261	.01	-.01	-.05	
11 a. intern ^l	522	.093	.067	.085	.078	.0127	.0027	.0020	.0009	--	--	--	--	--	--	--	.021	.510	.214	.10	.03	.05	
b. leader ^l	522	.101	.100	.127	.109	.0132	.0032	.0024	.0011	--	--	--	--	--	--	--	.959	.072	.529	.00	-.08	-.03	
c. learncom ^l	519	.135	.121	.151	.125	.0150	.0035	.0026	.0011	--	--	--	--	--	--	--	.366	.313	.511	.04	-.05	.03	
d. abroad ^l	522	.043	.028	.036	.030	.0089	.0018	.0014	.0006	--	--	--	--	--	--	--	.043	.388	.085	.08	.04	.07	
e. research ^l	517	.064	.045	.054	.047	.0108	.0022	.0017	.0007	--	--	--	--	--	--	--	.044	.326	.063	.08	.04	.08	
f. capstone ^l	520	.015	.019	.019	.019	.0054	.0015	.0010	.0005	--	--	--	--	--	--	--	.527	.561	.504	-.03	-.03	-.03	
12. servcourse	516	1.66	1.68	1.56	1.64	.033	.008	.005	.002	.74	.72	.68	.71	9,157	539	85,186	.431	.003	.721	-.04	.14	.02	
13 a. QIstudent	508	5.38	5.35	5.42	5.40	.062	.015	.010	.005	1.40	1.41	1.34	1.39	9,032	19,069	83,773	.646	.539	.752	.02	-.03	-.01	
b. QIadvisor	501	5.28	5.26	5.31	5.33	.074	.018	.012	.006	1.66	1.64	1.59	1.62	8,944	18,847	83,215	.790	.697	.518	.01	-.02	-.03	
c. QIfaculty	508	5.34	5.25	5.27	5.36	.064	.016	.010	.005	1.44	1.48	1.35	1.40	9,010	532	83,949	.233	.285	.726	.05	.05	-.02	
d. QIstaff	481	5.27	5.08	5.11	5.12	.069	.019	.012	.006	1.51	1.66	1.55	1.61	555	17,587	75,979	.006	.022	.040	.12	.11	.09	
e. QIadmin	474	5.05	5.01	4.98	5.09	.074	.019	.012	.006	1.61	1.67	1.58	1.63	8,531	17,240	78,922	.603	.346	.611	.02	.04	-.02	
14 a. empstudy	507	3.03	3.05	3.09	3.08	.034	.008	.005	.003	.76	.76	.74	.75	9,075	19,029	84,567	.651	.071	.157	-.02	-.08	-.06	
b. SEacademic	503	3.05	3.04	3.04	3.06	.035	.009	.006	.003	.79	.83	.80	.82	9,053	18,977	84,349	.714	.761	.930	.02	.01	.00	
c. SElearnsup	501	3.11	3.13	3.09	3.11	.039	.009	.006	.003	.86	.87	.85	.87	9,041	18,962	84,290	.487	.683	.866	-.03	.02	-.01	

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														Southwest Public	Carnegie Class	NSSE 2018 & 2019	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Southwest Public	Carnegie Class	NSSE 2018 & 2019				
d. SEdiverse	501	2.72	2.79	2.79	2.76	.042	.010	.007	.003	.95	.95	.94	.96	9,024	18,924	84,143	.075	.109	.285	-.08	-.07	-.05				
e. SEsocial	501	3.01	2.99	2.99	2.96	.039	.009	.006	.003	.87	.87	.85	.88	9,001	18,915	84,015	.664	.765	.219	.02	.01	.06				
f. SEwellness	497	2.98	2.95	2.97	2.91	.041	.010	.006	.003	.91	.90	.88	.90	8,999	18,877	83,826	.433	.909	.111	.04	.01	.07				
g. SEnonacad	498	2.36	2.38	2.32	2.34	.043	.011	.007	.003	.95	.98	.96	.98	8,998	18,844	83,787	.523	.363	.724	-.03	.04	.02				
h. SEactivities	496	2.96	2.84	2.89	2.79	.040	.010	.007	.003	.88	.92	.89	.95	559	18,849	501	.003	.056	.000	.13	.09	.18				
i. SEevents	497	2.44	2.50	2.50	2.49	.044	.010	.007	.003	.98	.96	.93	.96	8,986	520	83,668	.228	.182	.298	-.06	-.06	-.05				
15 a. tmprephrs	493	14.22	13.70	15.41	14.51	.373	.089	.060	.028	8.29	8.14	8.16	8.20	8,941	18,749	83,394	.170	.001	.425	.06	-.15	-.04				
b. tmcocurrhrs	492	6.12	5.42	6.18	5.68	.321	.076	.051	.025	7.13	7.01	6.93	7.10	8,924	18,710	83,181	.031	.851	.175	.10	-.01	.06				
c. tmworkonhrs	493	2.76	2.56	2.68	2.50	.305	.069	.045	.020	6.77	6.31	6.03	5.82	8,920	18,731	497	.503	.783	.396	.03	.01	.04				
d. tmworkoffhrs	494	3.57	6.30	3.89	6.15	.358	.112	.059	.036	7.95	10.26	7.98	10.33	593	18,722	503	.000	.375	.000	-.27	-.04	-.25				
— tmworkhrs	492	6.25	8.82	6.52	8.62	.515	.133	.078	.041	11.43	12.17	10.56	11.85	558	18,656	497	.000	.572	.000	-.21	-.03	-.20				
e. tmservicehrs	494	2.84	2.88	2.52	2.61	.226	.058	.035	.017	5.02	5.30	4.73	4.97	560	18,722	83,238	.881	.142	.302	-.01	.07	.05				
f. tmrelaxhrs	491	13.69	12.41	13.24	12.48	.405	.096	.063	.030	8.98	8.81	8.46	8.64	8,924	514	83,227	.002	.280	.002	.15	.05	.14				
g. tmcarehrs	492	1.65	3.01	1.81	3.19	.258	.077	.040	.027	5.73	7.05	5.33	7.73	582	18,679	502	.000	.505	.000	-.19	-.03	-.20				
h. tmcommutehrs	494	4.58	5.27	4.30	4.09	.321	.076	.045	.022	7.13	6.97	6.01	6.34	8,925	513	498	.032	.387	.133	-.10	.05	.08				
16. reading	494	2.35	2.62	2.57	2.71	.047	.012	.008	.004	1.05	1.09	1.09	1.09	556	522	499	.000	.000	.000	-.25	-.20	-.33				
— tmreadinghrs	489	5.07	5.90	6.31	6.52	.224	.060	.041	.020	4.95	5.48	5.47	5.75	561	521	496	.000	.000	.000	-.15	-.23	-.25				
17 a. pgwrite	489	2.66	2.80	2.70	2.82	.040	.010	.007	.003	.89	.87	.89	.86	8,864	18,602	493	.001	.327	.000	-.16	-.04	-.18				
b. pgspeak	492	2.66	2.69	2.58	2.69	.040	.010	.007	.003	.89	.92	.94	.92	8,871	520	82,697	.567	.042	.560	-.03	.09	-.03				
c. pgthink	492	3.02	3.05	3.05	3.07	.037	.009	.006	.003	.82	.82	.81	.81	8,874	18,614	82,748	.302	.319	.135	-.05	-.05	-.07				
d. pganalyze	488	2.79	2.70	2.71	2.65	.041	.010	.007	.003	.90	.94	.94	.95	550	516	493	.032	.051	.001	.10	.09	.15				
e. pgwork	493	2.63	2.59	2.59	2.62	.043	.011	.007	.003	.95	.97	.95	.96	8,865	18,611	82,718	.329	.421	.917	.05	.04	.00				
f. pgothers	490	2.82	2.86	2.81	2.85	.040	.010	.007	.003	.88	.88	.88	.88	8,856	18,587	82,651	.366	.844	.502	-.04	.01	-.03				
g. pgvalues	490	2.70	2.71	2.64	2.71	.042	.010	.007	.003	.93	.95	.95	.94	8,855	18,590	82,653	.785	.178	.795	-.01	.06	-.01				
h. pgdiverse	491	2.69	2.82	2.77	2.79	.042	.010	.007	.003	.93	.94	.93	.94	8,848	18,582	82,619	.003	.049	.016	-.14	-.09	-.11				
i. pgprobsolve	488	2.67	2.64	2.64	2.65	.042	.010	.007	.003	.92	.94	.93	.93	8,857	18,580	82,658	.603	.538	.703	.02	.03	.02				
j. pgcitizen	491	2.63	2.69	2.63	2.65	.042	.010	.007	.003	.94	.94	.94	.95	8,867	18,611	82,738	.175	.910	.550	-.06	-.01	-.03				
18. evalexp	495	3.27	3.16	3.19	3.18	.033	.008	.005	.003	.73	.74	.73	.74	8,920	18,706	83,170	.001	.024	.010	.15	.10	.12				
19. sameinst	502	3.32	3.19	3.24	3.21	.035	.009	.006	.003	.78	.80	.79	.81	8,978	18,783	83,496	.001	.030	.002	.16	.10	.14				
20. returnexp ¹	507	.926	.860	.900	.873	.0116	.0038	.0022	.0012	--	--	--	--	--	--	--	.000	.056	.000	.22	.09	.18				

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g Texas Tech University

Seniors

Variable Name	N		Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Texas Tech	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Comparisons with:			Comparisons with:			Comparisons with:			
														Southwest Public	Carnegie Class	NSSE 2018 & 2019	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Southwest Public	Carnegie Class	NSSE 2018 & 2019	
1 a. askquest	870	2.92	3.01	2.95	3.10	.030	.008	.006	.003	.89	.89	.89	.87	14,471	26,372	103,384	.004	.298	.000	-.10	-.04	-.20	
b. drafts	867	2.25	2.44	2.29	2.41	.034	.009	.006	.003	1.00	1.02	1.00	1.02	983	26,211	881	.000	.216	.000	-.19	-.04	-.16	
c. unpreparedr	869	2.91	3.00	2.86	3.01	.029	.007	.005	.003	.87	.82	.84	.82	970	26,195	881	.002	.062	.001	-.11	.06	-.12	
d. attendart	861	1.79	1.72	1.83	1.79	.031	.008	.006	.003	.91	.89	.89	.90	14,366	26,144	102,607	.028	.221	.930	.08	-.04	.00	
e. CLaskhelp	863	2.47	2.41	2.53	2.41	.031	.008	.006	.003	.92	.94	.92	.94	14,373	26,119	102,555	.073	.070	.056	.06	-.06	.07	
f. CLexplain	865	2.78	2.68	2.80	2.71	.031	.008	.005	.003	.91	.90	.85	.90	14,346	917	102,405	.003	.414	.019	.10	-.03	.08	
g. CLstudy	855	2.56	2.45	2.56	2.45	.035	.009	.006	.003	1.03	1.03	.99	1.02	14,275	909	101,920	.003	.895	.002	.11	.00	.11	
h. CLproject	857	2.80	2.77	2.91	2.80	.032	.008	.006	.003	.93	.97	.91	.95	978	913	101,612	.351	.001	.973	.03	-.12	.00	
i. present	855	2.62	2.55	2.68	2.68	.033	.009	.006	.003	.95	1.01	.96	.99	981	25,852	101,536	.050	.067	.069	.07	-.06	-.06	
2 a. RIntegrate	842	2.94	2.87	2.92	2.92	.030	.007	.005	.003	.87	.86	.83	.84	14,098	25,627	100,731	.026	.685	.512	.08	.01	.02	
b. RIsocietal	828	2.56	2.71	2.72	2.78	.033	.008	.006	.003	.94	.93	.91	.91	14,008	880	840	.000	.000	.000	-.17	-.18	-.25	
c. RIdiverse	812	2.39	2.53	2.53	2.61	.034	.009	.006	.003	.98	.99	.97	.96	13,908	25,300	99,670	.000	.000	.000	-.14	-.14	-.23	
d. Rlownview	792	2.75	2.82	2.80	2.84	.030	.007	.005	.003	.83	.84	.83	.83	13,795	25,116	99,023	.029	.119	.001	-.08	-.06	-.11	
e. Rlperspect	777	2.92	2.97	2.95	2.98	.029	.007	.005	.003	.82	.81	.81	.80	13,667	24,837	98,077	.086	.283	.040	-.06	-.04	-.07	
f. Rlnewview	757	2.91	2.94	2.94	2.96	.029	.007	.005	.003	.80	.79	.79	.79	13,532	24,534	97,186	.346	.349	.100	-.04	-.03	-.06	
g. Rlconnect	745	3.12	3.17	3.16	3.19	.028	.007	.005	.002	.76	.74	.74	.73	13,406	24,316	96,399	.123	.176	.008	-.06	-.05	-.10	
3 a. SFcareer	748	2.36	2.34	2.40	2.46	.035	.009	.006	.003	.94	1.01	.98	.99	850	799	760	.492	.260	.004	.02	-.04	-.10	
b. SFotherwork	744	1.96	1.88	1.98	1.97	.037	.009	.007	.003	1.00	1.01	1.01	1.03	13,376	24,195	96,091	.049	.501	.774	.07	-.03	-.01	
c. SFdiscuss	734	2.11	2.06	2.14	2.16	.034	.009	.006	.003	.92	.97	.93	.96	832	24,039	746	.134	.344	.119	.05	-.04	-.06	
d. SFperform	735	2.16	2.14	2.13	2.23	.033	.008	.006	.003	.89	.93	.90	.93	13,257	24,023	747	.677	.406	.023	.02	.03	-.08	
4 a. memorize	731	2.82	2.80	2.79	2.74	.032	.008	.006	.003	.86	.87	.88	.88	13,204	23,903	742	.404	.327	.007	.03	.04	.10	
b. HOapply	724	3.04	3.06	3.06	3.07	.030	.007	.005	.003	.82	.81	.80	.79	13,157	23,823	94,659	.585	.651	.310	-.02	-.02	-.04	
c. HOanalyze	718	2.98	3.03	3.01	3.03	.031	.007	.005	.003	.82	.82	.83	.82	13,053	23,649	93,985	.157	.470	.094	-.05	-.03	-.06	
d. HOevaluate	708	2.81	2.93	2.85	2.94	.034	.008	.006	.003	.90	.87	.89	.85	785	23,538	717	.001	.273	.000	-.14	-.04	-.15	
e. HOform	705	2.85	2.95	2.89	2.95	.033	.008	.006	.003	.88	.84	.85	.83	779	23,433	713	.005	.336	.003	-.11	-.04	-.12	
5 a. ETgoals	696	3.13	3.15	3.10	3.14	.030	.007	.005	.003	.79	.79	.78	.79	12,860	23,265	92,706	.481	.451	.622	-.03	.03	-.02	
b. ETorganize	691	2.99	3.05	3.03	3.07	.032	.008	.005	.003	.85	.85	.81	.82	12,833	23,223	92,561	.052	.139	.009	-.08	-.06	-.10	
c. ETexample	689	3.06	3.07	3.07	3.09	.032	.008	.005	.003	.85	.85	.82	.83	12,800	23,177	92,383	.747	.586	.305	-.01	-.02	-.04	
d. ETdraftfb	687	2.62	2.72	2.64	2.77	.037	.009	.006	.003	.98	.98	.96	.96	12,785	23,158	92,283	.008	.550	.000	-.10	-.02	-.16	
e. ETfeedback	688	2.60	2.77	2.70	2.82	.036	.009	.006	.003	.95	.93	.90	.91	765	726	697	.000	.008	.000	-.19	-.11	-.25	

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Detailed Statistics^g Texas Tech University

Seniors

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Texas Tech	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Comparisons with:			Comparisons with:			Comparisons with:						
														Southwest Public	Carnegie Class	NSSE 2018 & 2019	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Southwest Public	Carnegie Class	NSSE 2018 & 2019				
6 a. QRconclude	678	2.62	2.65	2.70	2.64	.035	.008	.006	.003	.91	.90	.91	.91	12,654	22,858	91,248	.490	.043	.623	-.03	-.08	-.02				
b. QRproblem	669	2.32	2.40	2.43	2.42	.038	.009	.006	.003	.99	.96	.96	.95	12,576	22,745	90,851	.031	.002	.005	-.09	-.12	-.11				
c. QRevaluate	668	2.37	2.39	2.48	2.42	.035	.009	.006	.003	.91	.93	.92	.92	12,534	22,664	90,580	.602	.003	.179	-.02	-.12	-.05				
7 a. wrshortnum	662	5.91	6.69	7.23	7.76	.232	.058	.044	.022	5.97	6.28	6.48	6.70	745	708	673	.001	.000	.000	-.12	-.20	-.28				
b. wrmednum	662	2.83	3.14	3.31	3.66	.173	.040	.029	.015	4.44	4.31	4.26	4.50	12,457	22,495	89,995	.077	.004	.000	-.07	-.11	-.18				
c. wrlongnum	664	1.86	1.80	1.91	1.98	.157	.035	.025	.013	4.05	3.84	3.69	3.75	12,481	22,552	90,146	.733	.699	.392	.01	-.02	-.03				
— wrpages	659	67.54	71.86	76.44	81.82	3.918	.891	.633	.323	100.61	96.48	93.26	96.21	12,380	22,361	89,361	.264	.016	.000	-.04	-.10	-.15				
8 a. DDrace	665	3.13	3.14	3.14	3.07	.036	.009	.006	.003	.92	.93	.89	.92	12,450	22,535	90,079	.906	.749	.076	.00	-.01	.07				
b. DDeconomic	660	3.07	3.09	3.11	3.05	.036	.008	.006	.003	.92	.90	.87	.89	12,426	695	669	.659	.350	.547	-.02	-.04	.02				
c. DDreligion	659	2.99	3.03	3.07	2.96	.038	.009	.006	.003	.97	.95	.90	.94	12,427	693	89,899	.398	.058	.437	-.03	-.08	.03				
d. DDpolitical	661	3.01	2.96	2.95	2.93	.037	.009	.006	.003	.95	.95	.93	.93	12,431	22,492	89,907	.235	.136	.025	.05	.06	.09				
9 a. LSreading	653	2.96	3.09	3.04	3.10	.033	.007	.005	.003	.84	.80	.81	.79	12,354	22,362	89,527	.000	.007	.000	-.17	-.11	-.19				
b. LSnotes	654	2.82	2.91	2.76	2.83	.037	.008	.006	.003	.93	.91	.93	.93	724	22,341	89,447	.017	.093	.718	-.10	.07	-.01				
c. LSsummary	653	2.75	2.86	2.75	2.84	.036	.008	.006	.003	.93	.90	.91	.90	722	22,318	661	.003	.928	.021	-.12	.00	-.09				
10. challenge	643	5.38	5.58	5.40	5.55	.055	.013	.009	.004	1.41	1.35	1.32	1.32	12,260	22,176	88,845	.000	.697	.001	-.15	-.02	-.13				
11 a. intern ^l	642	.425	.367	.535	.487	.0195	.0045	.0034	.0017	--	--	--	--	--	--	--	.003	.000	.002	.12	-.22	-.12				
b. leader ^l	641	.341	.276	.410	.350	.0187	.0042	.0034	.0016	--	--	--	--	--	--	--	.000	.000	.623	.14	-.14	-.02				
c. learncom ^l	636	.220	.192	.233	.226	.0164	.0037	.0029	.0014	--	--	--	--	--	--	--	.085	.427	.692	.07	-.03	-.02				
d. abroad ^l	637	.259	.088	.187	.142	.0174	.0026	.0027	.0012	--	--	--	--	--	--	--	.000	.000	.000	.47	.17	.30				
e. research ^l	633	.203	.172	.265	.227	.0160	.0035	.0030	.0014	--	--	--	--	--	--	--	.043	.000	.162	.08	-.15	-.06				
f. capstone ^l	633	.343	.332	.447	.451	.0189	.0044	.0034	.0017	--	--	--	--	--	--	--	.558	.000	.000	.02	-.21	-.22				
12. servcourse	630	1.64	1.74	1.65	1.76	.028	.007	.005	.002	.69	.76	.69	.73	12,172	22,031	88,255	.001	.732	.000	-.13	-.01	-.16				
13 a. QIstudent	617	5.48	5.58	5.52	5.57	.057	.013	.009	.005	1.42	1.38	1.33	1.35	11,828	648	85,856	.095	.462	.125	-.07	-.03	-.06				
b. QIadvisor	626	5.32	5.21	5.07	5.27	.072	.017	.012	.006	1.80	1.77	1.78	1.75	11,996	21,831	86,961	.164	.001	.517	.06	.14	.03				
c. QIfaculty	629	5.55	5.45	5.34	5.52	.056	.014	.009	.005	1.40	1.47	1.38	1.39	12,016	21,849	87,315	.113	.000	.612	.06	.15	.02				
d. QIstaff	522	5.10	4.97	4.88	4.97	.073	.019	.012	.006	1.67	1.76	1.67	1.72	9,478	18,600	71,259	.087	.003	.082	.08	.13	.08				
e. QIadmin	581	4.95	5.00	4.78	4.99	.071	.017	.012	.006	1.70	1.73	1.70	1.72	11,241	20,158	82,309	.522	.013	.642	-.03	.10	-.02				
14 a. empstudy	630	3.02	3.09	3.09	3.09	.032	.007	.005	.003	.80	.78	.77	.77	12,123	21,933	87,833	.037	.032	.050	-.09	-.09	-.08				
b. SEacademic	632	2.97	2.93	2.87	2.94	.035	.008	.006	.003	.88	.87	.85	.86	12,089	21,887	87,652	.233	.003	.420	.05	.12	.03				
c. SElearnsup	628	2.88	2.86	2.79	2.87	.038	.009	.006	.003	.95	.96	.92	.93	12,092	21,882	87,617	.591	.022	.831	.02	.09	.01				

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Seniors

Variable Name	N		Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Texas Tech	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Texas Tech	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Comparisons with:			Comparisons with:			Comparisons with:			
														Southwest Public	Carnegie Class	NSSE 2018 & 2019	Southwest Public	Carnegie Class	NSSE 2018 & 2019	Southwest Public	Carnegie Class	NSSE 2018 & 2019	
d. SEdiverse	624	2.59	2.67	2.59	2.62	.041	.009	.007	.003	1.01	1.00	.99	1.00	12,066	21,820	87,393	.064	.978	.518	-.08	.00	-.03	
e. SEsocial	626	2.93	2.81	2.84	2.80	.036	.009	.006	.003	.91	.94	.91	.93	701	21,815	635	.002	.013	.000	.13	.10	.14	
f. SEwellness	624	2.87	2.71	2.75	2.71	.038	.009	.007	.003	.96	.97	.95	.97	695	21,774	632	.000	.002	.000	.16	.13	.17	
g. SEnonacad	624	2.14	2.12	2.02	2.09	.040	.009	.007	.003	1.00	1.01	.96	.99	12,023	657	87,149	.583	.003	.179	.02	.13	.05	
h. SEactivities	624	2.85	2.56	2.67	2.53	.038	.009	.007	.003	.96	1.01	.96	1.01	700	660	633	.000	.000	.000	.29	.19	.32	
i. SEevents	623	2.33	2.32	2.34	2.32	.038	.009	.006	.003	.96	.98	.94	.97	12,007	21,738	86,990	.856	.839	.769	.01	-.01	.01	
15 a. tmprephrs	618	14.99	14.70	15.11	14.95	.354	.084	.061	.030	8.80	8.91	8.88	8.81	11,979	21,685	86,906	.436	.737	.902	.03	-.01	.00	
b. tmcocurrhrs	618	4.88	4.21	5.56	4.92	.279	.062	.049	.024	6.93	6.62	7.08	7.16	11,953	21,643	86,726	.015	.019	.888	.10	-.10	-.01	
c. tmworkonhrs	618	4.38	3.36	4.47	3.67	.326	.069	.054	.024	8.10	7.39	7.79	7.19	674	21,658	624	.002	.769	.032	.14	-.01	.10	
d. tmworkoffhrs	615	10.78	15.10	10.29	13.32	.511	.130	.085	.046	12.68	13.90	12.36	13.53	697	649	624	.000	.340	.000	-.31	.04	-.19	
— tmworkhrs	615	15.15	18.44	14.73	16.98	.540	.131	.089	.046	13.38	13.90	12.88	13.49	11,928	21,594	86,460	.000	.424	.001	-.24	.03	-.14	
e. tmservicehrs	619	3.28	3.48	3.02	3.32	.231	.056	.037	.019	5.74	5.95	5.29	5.72	11,959	649	86,751	.430	.260	.880	-.03	.05	-.01	
f. tmrelaxhrs	616	11.61	10.04	11.69	10.69	.342	.077	.057	.028	8.50	8.16	8.33	8.16	11,950	21,649	86,740	.000	.810	.005	.19	-.01	.11	
g. tmcarehrs	616	4.82	7.97	4.06	6.66	.415	.115	.063	.039	10.31	12.18	9.12	11.53	712	644	626	.000	.072	.000	-.26	.08	-.16	
h. tmcommutehrs	614	5.18	5.91	5.37	4.90	.232	.065	.041	.022	5.75	6.97	5.93	6.33	714	21,653	623	.003	.452	.227	-.10	-.03	.04	
16. reading	616	2.56	2.85	2.64	2.81	.048	.011	.008	.004	1.20	1.19	1.20	1.17	11,938	21,636	86,666	.000	.090	.000	-.24	-.07	-.21	
— tmreadinghrs	613	6.35	7.20	6.46	7.10	.242	.062	.041	.022	5.98	6.54	5.95	6.35	694	21,545	86,286	.001	.639	.003	-.13	-.02	-.12	
17 a. pgwrite	615	2.96	2.98	2.94	3.02	.036	.008	.006	.003	.89	.90	.90	.88	11,880	21,542	86,287	.571	.485	.090	-.02	.03	-.07	
b. pgspeak	611	2.96	2.90	2.88	2.93	.037	.009	.006	.003	.91	.94	.93	.93	683	648	86,446	.100	.029	.439	.07	.09	.03	
c. pgthink	615	3.32	3.26	3.29	3.30	.031	.008	.005	.003	.78	.80	.79	.78	11,915	21,581	86,504	.090	.317	.483	.07	.04	.03	
d. pganalyze	612	2.98	2.91	2.95	2.88	.039	.009	.007	.003	.97	.96	.96	.97	11,911	21,585	86,479	.092	.566	.012	.07	.02	.10	
e. pgwork	613	2.94	2.90	2.89	2.95	.040	.009	.007	.003	.99	.98	.98	.96	11,917	21,574	86,472	.324	.173	.781	.04	.06	-.01	
f. pgothers	612	3.05	3.02	3.03	3.04	.038	.009	.006	.003	.94	.91	.88	.89	674	643	619	.351	.528	.787	.04	.03	.01	
g. pgvalues	608	2.77	2.83	2.75	2.86	.042	.009	.007	.003	1.04	1.00	1.00	.98	668	21,553	615	.153	.663	.045	-.06	.02	-.09	
h. pgdiverse	613	2.77	2.88	2.83	2.86	.040	.009	.007	.003	.99	.98	.97	.97	11,912	21,545	86,411	.007	.140	.026	-.11	-.06	-.09	
i. pgprobsolve	610	2.85	2.83	2.83	2.85	.040	.009	.007	.003	.99	.97	.95	.95	11,918	21,566	86,458	.570	.496	.858	.02	.03	.01	
j. pgcitizen	614	2.66	2.70	2.66	2.72	.040	.009	.007	.003	.99	1.01	1.00	1.00	11,930	21,583	86,505	.250	.988	.105	-.05	.00	-.07	
18. evalexp	616	3.31	3.23	3.22	3.26	.032	.007	.005	.003	.79	.78	.77	.77	11,990	21,682	86,871	.017	.004	.090	.10	.12	.07	
19. sameinst	621	3.26	3.25	3.23	3.23	.036	.008	.006	.003	.90	.84	.84	.85	680	652	628	.758	.335	.359	.01	.04	.04	

Endnotes

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