NSSE 2015

Frequencies and Statistical Comparisons

Texas Tech University

NSSE 2015 Frequencies and Statistical Comparisons
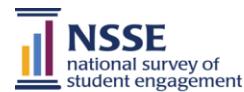## About This Report

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

1. *Class level:* As reported by your institution.

2. *Item numbers:* Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.

3. *Item wording and variable names:* Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.

4. *Values and response options:* Values are used to calculate means. Response options are worded as they appear on the instrument.

5. *Count and column percentage (%):* The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

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

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

NSSE 2015 Frequencies and Statistical Comparisons
NSSEville State University

Seriors ①

Frequency Distributions[a] — **Statistical Comparisons**[b]

Your seniors compared with

6. During the current school year, about how often have you done the following?

Item wording or description ②	Variable name[c]	Values[d]	Response options	NSSEville State Count	%	GLC Peers Count	%	Private Master's S Count	%	NSSE 2014 & 2015 Count	%	NSSEville State Mean	GLC Peers Mean	Effect size[e]	Private Master's S Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43
		2	Sometimes	135	20	4,397	27	845	29	75,222	33							
		3	Often	212	33	5,947	37	1,086	38	81,724	35							
		4	Very often	280	46	5,440	34	889	31	66,983	29							
			Total	630	100	16,028	100	2,874	100	230,881	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05
		2	Sometimes	267	42	5,959	37	978	34	79,495	34							
		3	Often	164	26	4,548	28	748	31	67,348	29							
		4	Very often	113	19	3,072	20	631	21	47,208	21							
			Total	626	100	15,948	100	2,858	100	229,541	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06
		2	Sometimes	56	9	1,666	11	262	10	28,134	13							
		3	Often	384	63	9,147	57	1,586	57	128,802	56							
		4	Very often	150	24	4,267	27	851	29	58,873	26							
			Total	615	100	15,858	100	2,833	100	228,352	100							

SAMPLE

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7. *Effect size:* Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent t-tests use Cohen's d; z-tests use Cohen's h. Cohen's d is calculated by dividing the mean difference by the pooled standard deviation. Cohen's h is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition).* New York: Psychology Press.

8. *Key to symbols:*

   ▲ **Your students' average** was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.

   △ **Your students' average** was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.

   ▽ **Your students' average** was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.

   ▼ **Your students' average** was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

   Note: It is important to interpret the direction of differences relative to item wording and your institutional context.

NSSE 2015 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 Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 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	20	5	139	4	1,240	4	6,935	3	2.6	2.7	-.10	2.8 *** ▽	-.19	2.9 *** ▼	-.32
		2	Sometimes	194	47	1,336	43	11,034	38	75,163	33							
		3	Often	135	31	1,095	32	9,868	34	81,801	35							
		4	Very often	75	17	725	21	6,867	24	67,188	29							
			Total	424	100	3,295	100	29,009	100	231,087	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	125	29	574	19	4,948	18	35,447	16	2.1	2.5 *** ▼	-.38	2.5 *** ▼	-.41	2.6 *** ▼	-.47
		2	Sometimes	169	41	1,086	34	9,815	34	79,593	34							
		3	Often	92	22	904	27	8,255	28	67,420	29							
		4	Very often	35	9	711	20	5,756	20	47,286	21							
			Total	421	100	3,275	100	28,774	100	229,746	100							
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	28	7	240	8	1,790	6	12,540	6	3.0	2.9	.10	2.9	.02	3.0	-.07
		2	Often	62	15	536	18	4,254	15	28,128	13							
		3	Sometimes	215	51	1,805	54	16,208	56	128,971	56							
		4	Never	115	26	667	21	6,398	22	58,908	26							
			Total	420	100	3,248	100	28,650	100	228,547	100							
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	152	37	1,022	33	10,327	38	75,977	36	1.9	2.0	-.09	1.9	.00	2.0	-.04
		2	Sometimes	170	41	1,318	40	11,150	39	89,488	38							
		3	Often	56	14	563	17	4,473	15	39,149	16							
		4	Very often	36	9	315	10	2,494	8	22,774	9							
			Total	414	100	3,218	100	28,444	100	227,388	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	34	9	267	10	2,179	9	18,155	10	2.6	2.6	.01	2.6	-.03	2.6	.00
		2	Sometimes	176	43	1,260	40	11,021	39	89,498	40							
		3	Often	119	29	1,076	32	9,765	34	77,127	33							
		4	Very often	84	20	604	18	5,365	18	41,983	18							
			Total	413	100	3,207	100	28,330	100	226,763	100							
f. Explained course material to one or more students	CLexplain	1	Never	17	4	119	4	1,053	4	9,168	5	2.7	2.7	-.05	2.8	-.07	2.7	-.03
		2	Sometimes	167	40	1,214	39	10,273	37	83,029	38							
		3	Often	147	36	1,186	37	11,029	39	86,960	38							
		4	Very often	77	19	651	20	5,640	20	44,254	19							
			Total	408	100	3,170	100	27,995	100	223,411	100							

NSSE 2015 Frequencies and Statistical Comparisons
Texas Tech University

First-Year Students

				Frequency Distributions[a]									Statistical Comparisons[b]						
														Your first-year students compared with					
				Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015		Texas Tech	Comparison schools		Carnegie Class		NSSE 2014 & 2015	
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]
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	60	15	492	17	3,634	14	29,493	15							
		2	Sometimes	162	41	1,159	36	9,965	36	79,207	36							
		3	Often	95	23	855	27	8,544	30	68,167	30	2.5	2.5	.02	2.6	-.06	2.5	-.03
		4	Very often	90	22	653	20	5,826	20	46,676	20							
			Total	407	100	3,159	100	27,969	100	223,543	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	32	7	309	11	1,874	7	15,197	8							
		2	Sometimes	188	47	1,266	41	11,025	40	85,911	39							
		3	Often	114	29	986	30	9,758	35	78,872	35	2.5	2.6	-.01	2.6 *	-.11	2.6 *	-.11
		4	Very often	70	17	583	18	5,135	18	42,308	19				▽		▽	
			Total	404	100	3,144	100	27,792	100	222,288	100							
i. Given a course presentation	present	1	Never	138	36	789	28	5,478	21	38,131	19							
		2	Sometimes	155	38	1,337	43	12,759	46	98,532	44							
		3	Often	76	19	627	18	6,554	24	57,415	26	2.0	2.1 **	-.17	2.2 ***	-.30	2.3 ***	-.37
		4	Very often	27	7	351	11	2,773	10	26,414	12		▽		▼		▼	
			Total	396	100	3,104	100	27,564	100	220,492	100							

2. During the current school year, about how often have you done the following?

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]
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	28	7	220	7	1,689	7	13,378	7							
		2	Sometimes	164	44	1,074	36	10,165	38	79,938	37							
		3	Often	124	33	1,109	37	9,914	37	79,977	37	2.6	2.7 *	-.11	2.7 *	-.10	2.7 *	-.12
		4	Very often	60	17	622	19	5,047	19	42,959	20		▽		▽		▽	
			Total	376	100	3,025	100	26,815	100	216,252	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	48	13	279	10	2,297	9	16,665	8							
		2	Sometimes	168	46	1,129	38	10,373	39	80,733	38							
		3	Often	106	27	1,061	34	9,254	34	76,315	35	2.4	2.6 ***	-.20	2.6 ***	-.20	2.6 ***	-.25
		4	Very often	50	14	528	18	4,603	17	40,221	19		▽		▽		▽	
			Total	372	100	2,997	100	26,527	100	213,934	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	48	14	302	11	2,811	11	19,123	10							
		2	Sometimes	177	48	1,139	38	10,524	40	82,413	39							
		3	Often	94	24	1,028	33	8,640	32	72,888	33	2.4	2.6 ***	-.23	2.5 ***	-.18	2.6 ***	-.24
		4	Very often	51	14	535	18	4,516	17	39,438	18		▽		▽		▽	
			Total	370	100	3,004	100	26,491	100	213,862	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE national survey of student engagement

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 Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	23	6	135	5	1,320	5	9,841	5							
		2	Sometimes	151	41	931	31	8,791	33	68,294	32							
		3	Often	134	37	1,250	42	10,939	41	89,568	42	2.6	2.8 *** ▽	-.23	2.8 ** ▽	-.17	2.8 *** ▽	-.21
		4	Very often	59	16	675	22	5,301	20	45,419	22							
			Total	367	100	2,991	100	26,351	100	213,122	100							
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	14	4	109	4	974	4	7,072	4							
		2	Sometimes	128	36	839	28	7,822	30	61,214	29							
		3	Often	148	40	1,210	40	11,005	41	90,064	42	2.8	2.9 ** ▽	-.18	2.9 * ▽	-.13	2.9 ** ▽	-.16
		4	Very often	73	20	818	28	6,491	25	54,270	26							
			Total	363	100	2,976	100	26,292	100	212,620	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	9	2	91	4	801	3	5,872	3							
		2	Sometimes	163	47	941	32	8,300	32	64,506	31							
		3	Often	128	34	1,163	39	10,913	41	89,379	42	2.7	2.9 *** ▽	-.25	2.8 *** ▽	-.23	2.9 *** ▽	-.27
		4	Very often	60	17	776	25	6,217	23	52,298	24							
			Total	360	100	2,971	100	26,231	100	212,055	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	7	2	56	2	382	2	3,028	2							
		2	Sometimes	105	30	627	21	5,633	22	43,249	21							
		3	Often	159	44	1,273	42	11,676	44	93,933	44	2.9	3.1 *** ▽	-.22	3.1 *** ▽	-.21	3.1 *** ▽	-.24
		4	Very often	86	24	1,008	34	8,399	32	70,839	33							
			Total	357	100	2,964	100	26,090	100	211,049	100							

3. During the current school year, about how often have you done the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
a. Talked about career plans with a faculty member	SFcareer	1	Never	75	21	551	21	5,963	23	43,117	22							
		2	Sometimes	178	50	1,272	44	12,021	46	96,755	45							
		3	Often	79	21	739	23	5,470	21	47,312	22	2.1	2.3 * ▽	-.14	2.2	-.04	2.2	-.08
		4	Very often	30	8	392	12	2,699	10	24,615	11							
			Total	362	100	2,954	100	26,153	100	211,799	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	196	53	1,441	51	13,728	53	105,553	52							
		2	Sometimes	113	32	870	29	7,650	29	63,892	29							
		3	Often	42	12	392	12	3,033	12	26,881	12	1.7	1.8 ** ▽	-.14	1.7	-.08	1.7 * ▽	-.11
		4	Very often	12	3	240	8	1,629	6	14,573	7							
			Total	363	100	2,943	100	26,040	100	210,899	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 FREQUENCIES AND STATISTICAL COMPARISONS • 3

NSSE 2015 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 Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	139	38	949	34	8,623	33	63,457	32							
		2	Sometimes	142	40	1,230	42	11,232	43	90,600	42							
		3	Often	56	16	506	17	4,252	17	38,691	18	1.9	2.0	-.10	2.0	-.09	2.0 **	-.14
		4	Very often	25	6	251	8	1,886	7	17,816	8						▽	
			Total	362	100	2,936	100	25,993	100	210,564	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	107	30	713	26	6,884	26	48,406	24							
		2	Sometimes	152	41	1,306	44	12,097	46	97,937	46							
		3	Often	81	23	603	19	4,762	19	43,436	20	2.0	2.1	-.10	2.1	-.06	2.2 *	-.13
		4	Very often	21	6	315	10	2,172	8	20,112	10						▽	
			Total	361	100	2,937	100	25,915	100	209,891	100							

4. During the current school year, how much has your coursework emphasized the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
a. Memorizing course material	memorize	1	Very little	10	3	95	3	857	3	7,872	4							
		2	Some	90	27	631	22	5,962	23	50,529	24							
		3	Quite a bit	155	42	1,272	43	11,300	43	90,184	43	3.0	3.0	-.08	3.0	-.06	3.0	-.03
		4	Very much	104	28	952	31	7,924	30	62,053	29							
			Total	359	100	2,950	100	26,043	100	210,638	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	18	5	115	4	939	4	7,004	4							
		2	Some	89	25	716	25	5,884	23	47,393	23							
		3	Quite a bit	148	41	1,270	42	11,430	44	92,381	44	2.9	3.0	-.02	3.0	-.06	3.0	-.07
		4	Very much	103	29	830	29	7,650	29	62,772	30							
			Total	358	100	2,931	100	25,903	100	209,550	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	23	6	121	4	998	4	7,316	4							
		2	Some	95	28	714	25	6,040	24	47,429	23							
		3	Quite a bit	138	39	1,242	43	11,088	43	88,697	42	2.9	3.0	-.10	3.0 *	-.11	3.0 **	-.15
		4	Very much	97	27	825	29	7,636	29	65,242	31				▽		▽	
			Total	353	100	2,902	100	25,762	100	208,684	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	19	5	134	5	1,148	5	8,090	4							
		2	Some	114	33	745	27	6,828	27	51,171	25							
		3	Quite a bit	139	38	1,243	41	10,929	42	89,645	43	2.8	2.9 *	-.14	2.9 *	-.13	2.9 ***	-.19
		4	Very much	85	23	798	27	6,888	27	59,829	28		▽		▽		▽	
			Total	357	100	2,920	100	25,793	100	208,735	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 FREQUENCIES AND STATISTICAL COMPARISONS • 4

NSSE national survey of student engagement

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 Count	Texas Tech %	Comparison schools Count	Comparison schools %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	Texas Tech Mean	Comparison schools Mean	Comparison schools Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	21	6	152	6	1,309	5	9,320	5							
		2	Some	97	28	749	25	7,023	28	52,535	26							
		3	Quite a bit	146	41	1,252	43	10,584	41	87,672	42	2.8	2.9	-.04	2.9	-.03	2.9	-.09
		4	Very much	88	25	764	25	6,794	26	58,702	28							
			Total	352	100	2,917	100	25,710	100	208,229	100							

5. During the current school year, to what extent have your instructors done the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	Texas Tech %	Comparison schools Count	Comparison schools %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	Texas Tech Mean	Comparison schools Mean	Comparison schools Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
a. Clearly explained course goals and requirements	ETgoals	1	Very little	9	3	54	2	512	2	3,737	2							
		2	Some	65	19	503	17	4,899	19	35,711	18							
		3	Quite a bit	179	51	1,248	43	11,896	46	93,809	44	3.0	3.2 ** ▽	-.19	3.1	-.07	3.1 ** ▽	-.14
		4	Very much	105	28	1,142	39	8,663	33	76,905	36							
			Total	358	100	2,947	100	25,970	100	210,162	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	10	2	73	3	686	3	4,949	3							
		2	Some	73	23	516	17	4,992	20	37,779	18							
		3	Quite a bit	167	46	1,286	45	12,140	47	95,647	45	3.0	3.1 * ▽	-.15	3.1	-.05	3.1 * ▽	-.11
		4	Very much	107	29	1,067	35	8,070	31	71,234	34							
			Total	357	100	2,942	100	25,888	100	209,609	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	12	3	101	4	802	3	6,072	3							
		2	Some	76	22	599	21	5,463	22	40,657	20							
		3	Quite a bit	165	47	1,170	40	10,744	41	85,281	40	3.0	3.1	-.09	3.1	-.07	3.1 * ▽	-.12
		4	Very much	105	28	1,071	35	8,801	34	77,023	36							
			Total	358	100	2,941	100	25,810	100	209,033	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	45	12	263	10	2,168	9	14,641	8							
		2	Some	138	40	813	29	7,633	29	55,473	27							
		3	Quite a bit	108	30	995	33	9,216	35	75,185	35	2.5	2.8 *** ▽	-.27	2.8 *** ▽	-.27	2.9 *** ▼	-.37
		4	Very much	65	18	870	28	6,784	26	63,611	30							
			Total	356	100	2,941	100	25,801	100	208,910	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	51	14	315	11	2,487	10	16,032	8							
		2	Some	117	34	886	31	8,338	32	59,908	29							
		3	Quite a bit	126	35	987	34	9,245	36	77,789	37	2.6	2.7 ** ▽	-.16	2.7 ** ▽	-.16	2.8 *** ▽	-.27
		4	Very much	63	17	735	24	5,631	22	54,392	26							
			Total	357	100	2,923	100	25,701	100	208,121	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
Texas Tech University

First-Year Students

| | | | | Frequency Distributions[a] | | | | | | | | Statistical Comparisons[b] | | | | | | |
| | | | | Texas Tech | | Comparison schools | | Carnegie Class | | NSSE 2014 & 2015 | | | Texas Tech | Comparison schools | | Carnegie Class | | NSSE 2014 & 2015 | |
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	46	11	362	12	3,268	12	28,931	13	2.7	2.7	.00	2.6	.05	2.6	.08
		2	Sometimes	119	33	962	32	8,867	33	72,783	34							
		3	Often	125	35	981	34	8,948	35	70,479	34							
		4	Very often	70	21	639	22	4,839	19	37,605	19							
			Total	360	100	2,944	100	25,922	100	209,798	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	78	20	656	22	5,589	22	46,075	22	2.4	2.3	.05	2.3	.06	2.3	.06
		2	Sometimes	131	38	1,123	38	10,217	39	82,650	39							
		3	Often	96	27	746	25	6,841	27	54,519	26							
		4	Very often	52	15	420	14	3,236	13	26,077	13							
			Total	357	100	2,945	100	25,883	100	209,321	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	76	20	627	21	5,160	20	44,013	21	2.3	2.3	.00	2.3	.00	2.3	.02
		2	Sometimes	142	40	1,167	39	10,511	40	84,862	40							
		3	Often	98	27	749	26	7,146	28	55,517	27							
		4	Very often	41	12	386	13	2,952	12	23,985	12							
			Total	357	100	2,929	100	25,769	100	208,377	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	wrshortnum	0	None	48	15	196	7	942	4	7,685	5	4.9	5.9 ** ▽	-.19	6.8 *** ▼	-.33	6.9 *** ▼	-.34
		1.5	1-2	90	28	618	22	4,450	19	34,855	19							
		4	3-5	92	29	852	33	7,418	32	60,176	32							
		8	6-10	47	14	598	22	6,009	25	49,595	25							
		13	11-15	28	8	222	8	2,414	10	21,124	10							
		18	16-20	11	4	87	3	1,108	4	9,541	5							
		23	More than 20	6	2	102	4	1,316	5	10,280	5							
			Total	322	100	2,675	100	23,657	100	193,256	100							
b. Between 6 and 10 pages (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	wrmednum	0	None	213	69	1,195	46	6,978	31	57,345	32	1.3	1.6	-.12	2.2 *** ▼	-.30	2.2 *** ▽	-.30
		1.5	1-2	62	21	936	37	9,923	42	80,169	41							
		4	3-5	14	4	315	12	4,226	18	35,106	18							
		8	6-10	9	3	104	4	1,363	6	11,166	6							
		13	11-15	3	1	27	1	319	1	2,401	1							
		18	16-20	2	1	4	0	98	0	742	0							
		23	More than 20	3	1	14	1	107	0	723	0							
			Total	306	100	2,595	100	23,014	100	187,652	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 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 Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
c. 11 pages or more	wrlongnum	0	None	264	88	2,117	83	16,901	76	136,906	76							
	(Recoded version of wrlong *created by NSSE. Values are estimated number of papers, reports, etc.)*	1.5	1-2	17	5	280	11	4,018	18	33,904	18							
		4	3-5	4	1	71	3	686	3	5,581	3							
		8	6-10	5	2	42	2	312	2	2,553	2	.9	.7	.07	.8	.03	.8	.03
		13	11-15	5	2	20	1	170	1	1,425	1							
		18	16-20	1	0	8	0	69	0	554	0							
		23	More than 20	3	1	14	1	128	1	868	1							
			Total	299	100	2,552	100	22,284	100	181,791	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.)*											37.6	39.6	-.03	48.3 * ▽	-.18	48.0 * ▽	-.18

8. During the current school year, about how often have you had discussions with people from the following groups?

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
a. People of a race or ethnicity other than your own	DDrace	1	Never	18	6	92	3	1,160	5	8,594	5							
		2	Sometimes	81	26	490	17	5,820	24	44,171	22							
		3	Often	105	31	804	30	7,218	30	57,560	29	3.0	3.3 *** ▽	-.29	3.1	-.07	3.1 * ▽	-.12
		4	Very often	123	37	1,320	49	9,777	41	85,903	43							
			Total	327	100	2,706	100	23,975	100	196,228	100							
b. People from an economic background other than your own	DDeconomic	1	Never	19	6	94	3	1,088	5	8,225	5							
		2	Sometimes	75	24	522	19	5,328	22	41,300	21							
		3	Often	102	31	873	33	8,229	34	65,824	33	3.0	3.2 ** ▽	-.17	3.1	-.05	3.1	-.07
		4	Very often	129	39	1,207	45	9,282	39	80,359	40							
			Total	325	100	2,696	100	23,927	100	195,708	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	20	6	140	5	1,796	7	12,198	7							
		2	Sometimes	91	29	584	22	5,920	24	47,359	24							
		3	Often	92	28	804	30	7,136	30	57,889	30	3.0	3.1 ** ▽	-.18	3.0	-.06	3.0	-.08
		4	Very often	122	37	1,164	43	9,044	39	77,917	40							
			Total	325	100	2,692	100	23,896	100	195,363	100							
d. People with political views other than your own	DDpolitical	1	Never	22	7	162	6	1,617	7	13,080	7							
		2	Sometimes	93	30	575	21	6,136	25	49,199	25							
		3	Often	91	28	820	31	7,518	32	60,357	31	2.9	3.1 ** ▽	-.18	3.0	-.07	3.0	-.07
		4	Very often	116	35	1,117	41	8,497	36	71,840	37							
			Total	322	100	2,674	100	23,768	100	194,476	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
Texas Tech University

First-Year Students

				Frequency Distributions[a]								Statistical Comparisons[b]							
													Your first-year students compared with						
				Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015		Texas Tech	Comparison schools		Carnegie Class		NSSE 2014 & 2015	
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]
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	10	4	45	2	415	2	2,851	2	3.0	3.1 *** ▽	-.21	3.1 *** ▽	-.21	3.2 *** ▽	-.28
		2	Sometimes	78	24	498	20	4,561	20	33,239	18							
		3	Often	141	44	1,168	44	10,242	43	83,312	43							
		4	Very often	90	27	975	35	8,595	35	75,608	38							
			Total	319	100	2,686	100	23,813	100	195,010	100							
b. Reviewed your notes after class	LSnotes	1	Never	9	3	152	6	1,193	5	9,264	5	2.9	2.9	.01	2.9	.00	2.9	-.05
		2	Sometimes	107	33	793	31	7,363	31	56,604	29							
		3	Often	109	36	856	32	7,822	33	64,723	33							
		4	Very often	96	28	876	31	7,366	31	63,809	33							
			Total	321	100	2,677	100	23,744	100	194,400	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	37	11	208	8	1,677	7	12,012	6	2.7	2.8	-.11	2.8 * ▽	-.13	2.9 ** ▽	-.19
		2	Sometimes	107	36	856	32	7,364	31	57,405	30							
		3	Often	89	28	878	34	8,272	35	68,568	36							
		4	Very often	85	26	714	26	6,176	26	54,336	28							
			Total	318	100	2,656	100	23,489	100	192,321	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	0	0	7	0	82	0	741	0	5.5	5.4	.09	5.5	.01	5.6	-.02
		2		1	0	35	2	228	1	1,822	1							
		3		14	5	71	3	670	3	5,253	3							
		4		33	11	309	12	2,405	10	18,659	10							
		5		95	31	888	34	7,735	32	61,606	31							
		6		105	32	840	30	7,552	31	62,993	31							
		7	Very much	71	21	532	19	5,076	21	43,343	23							
			Total	319	100	2,682	100	23,748	100	194,417	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 *(Means indicate the percentage who responded "Done or in progress.")*		Have not decided	27	8	248	9	2,268	10	18,848	11	10%	9%	.03	9%	.05	9%	.05
			Do not plan to do	11	4	93	3	743	3	7,450	5							
			Plan to do	249	78	2,094	78	18,645	78	150,712	76							
			Done or in progress	31	10	241	9	2,090	9	17,306	9							
			Total	318	100	2,676	100	23,746	100	194,316	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 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 Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
b. Hold a formal leadership role in a student organization or group *(Means indicate the percentage who responded "Done or in progress.")*	leader		Have not decided	83	26	674	25	6,281	26	51,888	27	11%	12%	-.05	12%	-.04	12%	-.03
			Do not plan to do	60	19	582	22	5,174	23	42,764	24							
			Plan to do	138	44	1,069	41	9,293	39	75,071	37							
			Done or in progress	36	11	340	12	2,897	12	23,892	12							
			Total	317	100	2,665	100	23,645	100	193,615	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together *(Means indicate the percentage who responded "Done or in progress.")*	learncom		Have not decided	96	32	745	29	6,449	26	60,128	30	22%	13% *** △	.23	20%	.06	16% ** △	.17
			Do not plan to do	60	18	778	29	6,809	29	52,150	28							
			Plan to do	88	28	781	29	5,853	25	51,166	26							
			Done or in progress	74	22	352	13	4,503	20	29,744	16							
			Total	318	100	2,656	100	23,614	100	193,188	100							
d. Participate in a study abroad program *(Means indicate the percentage who responded "Done or in progress.")*	abroad		Have not decided	69	20	716	27	6,257	27	51,136	27	5%	4%	.04	3%	.06	4%	.04
			Do not plan to do	41	13	708	28	5,706	26	47,450	27							
			Plan to do	192	62	1,138	41	10,852	44	87,423	43							
			Done or in progress	15	5	98	4	777	3	7,096	4							
			Total	317	100	2,660	100	23,592	100	193,105	100							
e. Work with a faculty member on a research project *(Means indicate the percentage who responded "Done or in progress.")*	research		Have not decided	119	38	893	34	8,456	36	71,584	37	4%	7%	-.10	6%	-.06	6%	-.07
			Do not plan to do	85	26	712	26	5,064	22	42,555	22							
			Plan to do	100	31	880	34	8,699	37	67,429	35							
			Done or in progress	12	4	163	7	1,283	6	10,709	6							
			Total	316	100	2,648	100	23,502	100	192,277	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.) *(Means indicate the percentage who responded "Done or in progress.")*	capstone		Have not decided	131	42	920	34	7,266	31	57,362	31	3%	4%	-.04	3%	.01	3%	.00
			Do not plan to do	43	13	311	11	2,104	9	17,075	10							
			Plan to do	134	42	1,324	51	13,473	57	112,395	56							
			Done or in progress	10	3	97	4	665	3	5,581	3							
			Total	318	100	2,652	100	23,508	100	192,413	100							

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

	Variable name	Values	Response options	Texas Tech Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size	Carnegie Class Mean	Effect size	NSSE 2014 & 2015 Mean	Effect size
	servcourse	1	None	146	47	1,375	55	11,892	51	90,071	48	1.6	1.5	.12	1.6	.10	1.6	.02
		2	Some	146	46	1,035	38	9,874	42	86,215	44							
		3	Most	15	5	177	6	1,340	6	12,833	7							
		4	All	6	2	31	1	220	1	2,154	1							
			Total	313	100	2,618	100	23,326	100	191,273	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 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 Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size [e]	Carnegie Class Mean	Effect size [e]	NSSE 2014 & 2015 Mean	Effect size [e]
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	8	3	41	2	367	2	3,043	2							
		2		5	2	64	2	497	2	3,985	2							
		3		17	5	146	6	1,093	5	8,592	5							
		4		50	16	293	11	2,493	11	19,090	10							
		5		81	25	606	22	5,555	23	43,855	23	5.3	5.5	-.10	5.5 *	-.14	5.5 **	-.16
		6		74	23	760	28	7,023	29	57,293	29				▽		▽	
		7	Excellent	83	26	750	28	6,570	28	57,124	29							
		—	Not applicable	1	0	14	1	120	1	1,021	1							
			Total	319	100	2,674	100	23,718	100	194,003	100							
b. Academic advisors	QIadvisor	1	Poor	16	5	93	4	1,038	5	7,525	4							
		2		14	4	150	5	1,333	6	10,084	5							
		3		25	8	238	9	2,033	9	15,645	8							
		4		41	13	367	14	3,275	14	25,667	13							
		5		64	20	517	20	4,631	19	37,362	19	5.2	5.1	.03	5.0	.09	5.1	.04
		6		58	19	529	19	4,997	21	42,130	21							
		7	Excellent	99	31	744	28	5,666	24	50,850	26							
		—	Not applicable	1	0	33	1	679	3	4,276	2							
			Total	318	100	2,671	100	23,652	100	193,539	100							
c. Faculty	QIfaculty	1	Poor	8	3	69	3	521	2	3,782	2							
		2		10	4	111	4	919	4	6,087	3							
		3		25	8	209	7	1,695	7	11,869	6							
		4		42	13	402	15	3,388	14	25,124	13							
		5		79	25	650	25	6,083	26	46,759	24	5.2	5.1	.05	5.1	.04	5.3	-.04
		6		78	24	676	26	6,421	27	54,926	28							
		7	Excellent	71	23	507	19	4,223	18	42,042	22							
		—	Not applicable	3	1	19	1	232	1	1,787	1							
			Total	316	100	2,643	100	23,482	100	192,376	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

First-Year Students

				Frequency Distributions[a]								Statistical Comparisons[b]						
				Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015								
													Your first-year students compared with					
												Texas Tech	Comparison schools		Carnegie Class		NSSE 2014 & 2015	
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]
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	14	4	132	5	1,154	5	8,737	5							
		2		13	5	155	6	1,263	5	9,310	5							
		3		25	8	223	8	1,816	8	14,171	7							
		4		59	18	383	15	3,485	15	26,145	13							
		5		56	18	521	19	4,795	20	39,441	20	5.0	4.9	.06	4.8	.09	4.9	.03
		6		75	22	551	21	5,072	21	42,217	21							
		7	Excellent	63	21	489	19	3,786	16	35,969	18							
		—	Not applicable	13	4	196	8	2,143	10	16,744	10							
			Total	318	100	2,650	100	23,514	100	192,734	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	19	6	152	6	1,269	6	9,440	5							
		2		17	5	187	6	1,549	7	11,302	6							
		3		23	7	251	9	2,055	9	16,169	8							
		4		61	19	415	16	3,675	16	28,341	15							
		5		57	18	545	21	4,910	21	39,815	20	4.9	4.7	.06	4.7	.08	4.8	.01
		6		66	20	493	18	4,675	20	40,397	20							
		7	Excellent	58	19	474	18	3,530	15	34,695	18							
		—	Not applicable	17	6	133	6	1,906	8	12,670	7							
			Total	318	100	2,650	100	23,569	100	192,829	100							

14. How much does your institution emphasize the following?

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]
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	4	1	40	2	323	2	2,696	2							
		2	Some	67	25	386	17	3,244	15	25,896	15							
		3	Quite a bit	131	45	1,114	45	9,583	44	79,308	44	3.0	3.2 ** ▽	-.20	3.2 *** ▽	-.26	3.2 *** ▽	-.26
		4	Very much	89	29	904	37	8,857	39	73,571	39							
			Total	291	100	2,444	100	22,007	100	181,471	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	12	5	89	4	790	4	5,765	4							
		2	Some	59	22	434	19	4,174	20	31,947	19							
		3	Quite a bit	124	42	939	38	8,811	40	72,093	40	3.0	3.1 * ▽	-.13	3.1	-.10	3.1 * ▽	-.14
		4	Very much	94	31	958	39	8,084	36	70,509	37							
			Total	289	100	2,420	100	21,859	100	180,314	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	19	7	118	5	1,162	6	8,785	5							
		2	Some	61	23	368	16	3,831	18	29,382	17							
		3	Quite a bit	112	39	826	34	7,869	36	64,007	36	3.0	3.2 *** ▽	-.27	3.1 ** ▽	-.17	3.1 *** ▽	-.21
		4	Very much	97	32	1,111	45	8,995	40	78,120	42							
			Total	289	100	2,423	100	21,857	100	180,294	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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 Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	35	12	231	9	2,705	13	19,756	12							
		2	Some	90	32	639	27	6,559	30	50,964	28							
		3	Quite a bit	97	34	786	32	6,933	32	59,236	33	2.6	2.9 ***	-.23	2.7	-.07	2.8 *	-.12
		4	Very much	67	22	774	32	5,688	26	50,594	27		▽				▽	
			Total	289	100	2,430	100	21,885	100	180,550	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	17	6	109	5	1,175	6	9,259	6							
		2	Some	62	23	485	20	4,620	22	37,151	21							
		3	Quite a bit	122	41	912	38	8,393	38	68,185	38	2.9	3.1 *	-.15	3.0	-.07	3.0	-.08
		4	Very much	89	29	919	37	7,674	34	65,759	35		▽					
			Total	290	100	2,425	100	21,862	100	180,354	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	18	7	122	5	1,325	6	10,600	7							
		2	Some	63	23	476	20	4,695	22	37,736	22							
		3	Quite a bit	119	41	892	36	8,385	38	68,145	38	2.9	3.1 *	-.16	3.0	-.05	3.0	-.05
		4	Very much	90	30	927	38	7,380	33	63,244	34		▽					
			Total	290	100	2,417	100	21,785	100	179,725	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	56	19	421	18	4,546	22	35,265	21							
		2	Some	103	37	805	35	7,631	35	62,236	34							
		3	Quite a bit	88	30	710	28	5,977	27	50,969	28	2.4	2.5	-.09	2.4	.01	2.4	-.02
		4	Very much	41	14	476	19	3,614	16	31,120	17							
			Total	288	100	2,412	100	21,768	100	179,590	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	11	4	146	6	1,520	8	13,290	9							
		2	Some	58	22	526	22	5,215	25	41,082	24							
		3	Quite a bit	119	42	862	36	8,158	37	66,869	37	3.0	3.0	.01	2.9 *	.12	2.9 **	.14
		4	Very much	98	32	871	36	6,820	31	57,980	31				△		△	
			Total	286	100	2,405	100	21,713	100	179,221	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	40	14	342	13	3,089	15	23,864	15							
		2	Some	111	41	772	33	7,170	33	56,321	32							
		3	Quite a bit	89	30	718	30	6,983	32	58,620	32	2.5	2.6 **	-.17	2.6	-.11	2.6 *	-.13
		4	Very much	47	15	568	23	4,417	20	39,866	21		▽				▽	
			Total	287	100	2,400	100	21,659	100	178,671	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE national survey of student engagement

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 Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 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 *(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	1	0	15	1	118	1	874	1							
		3	1-5 hrs	30	12	435	17	2,856	14	24,832	15							
		8	6-10 hrs	70	24	699	28	5,096	24	42,241	24							
		13	11-15 hrs	59	20	534	23	4,697	22	38,583	21							
		18	16-20 hrs	48	16	338	13	3,826	17	31,795	17	**15.3**	12.8 *** ▲	.30	14.5	.10	14.1 * △	.14
		23	21-25 hrs	42	14	211	9	2,535	11	20,103	11							
		28	26-30 hrs	19	7	88	4	1,368	6	11,289	6							
		33	More than 30 hrs	19	7	103	5	1,358	6	10,414	6							
			Total	288	100	2,423	100	21,854	100	180,131	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs *(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	65	23	784	33	7,055	34	54,281	34							
		3	1-5 hrs	111	37	829	34	7,548	34	62,354	33							
		8	6-10 hrs	62	22	360	15	3,491	16	29,456	16							
		13	11-15 hrs	24	8	225	9	1,752	8	15,607	8							
		18	16-20 hrs	15	6	114	5	1,013	5	9,186	5	**6.2**	5.5	.10	5.3 * △	.13	5.4 * △	.12
		23	21-25 hrs	7	3	43	2	430	2	4,215	2							
		28	26-30 hrs	2	1	22	1	178	1	1,779	1							
		33	More than 30 hrs	2	1	35	2	246	1	2,156	1							
			Total	288	100	2,412	100	21,713	100	179,034	100							
c. Working for pay **on campus**	tmworkonhrs *(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	245	84	1,941	81	17,150	80	136,815	78							
		3	1-5 hrs	3	1	73	3	777	3	9,517	5							
		8	6-10 hrs	7	2	102	4	1,356	6	16,172	8							
		13	11-15 hrs	15	5	112	5	1,179	5	8,904	5							
		18	16-20 hrs	14	5	134	5	949	4	5,248	3	**2.4**	2.6	-.04	2.4	-.01	2.4	.00
		23	21-25 hrs	3	1	33	1	202	1	1,406	1							
		28	26-30 hrs	0	0	16	1	80	0	539	0							
		33	More than 30 hrs	2	1	11	1	104	1	1,153	1							
			Total	289	100	2,422	100	21,797	100	179,754	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
Texas Tech University

First-Year Students

				Frequency Distributions[a]									Statistical Comparisons[b]						
														Your first-year students compared with					
				Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015		Texas Tech	Comparison schools		Carnegie Class		NSSE 2014 & 2015	
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]
d. Working for pay **off campus**	tmworkoffhrs	0	0 hrs	218	76	1,676	70	15,684	72	128,204	70							
	(Recoded version	3	1-5 hrs	9	3	115	5	1,033	5	9,016	5							
	of tmworkoff	8	6-10 hrs	12	4	117	5	1,048	5	9,220	5							
	created by NSSE.	13	11-15 hrs	12	5	117	5	1,038	5	8,421	5							
	Values are	18	16-20 hrs	18	6	141	6	1,118	5	8,249	5	3.7	4.8 *	-.13	4.5	-.09	5.1 **	-.15
	estimated number	23	21-25 hrs	10	4	101	4	718	3	5,610	3		▽				▽	
	of hours per	28	26-30 hrs	4	1	66	2	419	2	3,464	2							
	week.)	33	More than 30 hrs	4	1	76	3	627	3	6,645	5							
			Total	287	100	2,409	100	21,685	100	178,829	100							
Estimated number of hours working for pay	tmworkhrs *(Continuous variable created by NSSE)*											6.0	7.3	-.12	6.8	-.08	7.4 * ▽	-.13
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	120	44	1,291	56	12,102	58	99,962	57							
	(Recoded version	3	1-5 hrs	120	40	810	32	7,110	31	58,424	31							
	of tmservice	8	6-10 hrs	21	8	152	6	1,256	6	10,433	6							
	created by NSSE.	13	11-15 hrs	11	4	73	3	521	3	4,318	3							
	Values are	18	16-20 hrs	5	2	30	1	283	1	2,398	1	3.4	2.5 **	.20	2.3 ***	.25	2.4 **	.23
	estimated number	23	21-25 hrs	5	2	23	1	139	1	1,067	1		△		△		△	
	of hours per	28	26-30 hrs	1	0	5	0	41	0	409	0							
	week.)	33	More than 30 hrs	2	1	7	0	81	0	642	0							
			Total	285	100	2,391	100	21,533	100	177,653	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	4	2	32	1	319	2	2,988	2							
	(Recoded version	3	1-5 hrs	60	21	546	21	4,320	20	37,838	22							
	of tmrelax created	8	6-10 hrs	76	26	662	28	5,922	27	48,950	27							
	by NSSE. Values	13	11-15 hrs	58	19	483	20	4,504	21	36,067	20							
	are estimated	18	16-20 hrs	37	14	321	14	2,972	14	23,705	13	12.7	12.5	.03	12.7	.00	12.4	.04
	number of hours	23	21-25 hrs	26	9	155	7	1,599	8	12,551	7							
	per week.)	28	26-30 hrs	9	3	80	3	719	3	5,931	3							
		33	More than 30 hrs	17	6	134	6	1,260	6	10,419	6							
			Total	287	100	2,413	100	21,615	100	178,449	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 FREQUENCIES AND STATISTICAL COMPARISONS • 14

First-Year Students

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	Texas Tech %	Comparison schools Count	Comparison schools %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	Texas Tech Mean	Comparison schools Mean	Comparison schools Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
g. Providing care for dependents (children, parents, etc.) *(Recoded version of* tmcare *created by NSSE. Values are estimated number of hours per week.)*	tmcarehrs	0	0 hrs	238	84	1,816	75	16,769	77	136,173	74	1.9	2.5	-.09	2.4	-.08	3.1 *** ▽	-.16
		3	1-5 hrs	21	7	256	11	2,229	11	18,796	11							
		8	6-10 hrs	9	3	120	6	963	5	8,092	5							
		13	11-15 hrs	4	2	73	3	602	3	4,646	3							
		18	16-20 hrs	1	0	44	2	366	2	3,011	2							
		23	21-25 hrs	7	3	25	1	175	1	1,586	1							
		28	26-30 hrs	1	0	19	1	97	1	953	1							
		33	More than 30 hrs	3	1	39	1	407	2	5,002	4							
			Total	284	100	2,392	100	21,608	100	178,259	100							
h. Commuting to campus (driving, walking, etc.) *(Recoded version of* tmcommute *created by NSSE. Values are estimated number of hours per week.)*	tmcommutehrs	0	0 hrs	108	39	748	33	7,652	34	79,347	41	4.3	4.4	-.03	4.1	.03	3.7	.09
		3	1-5 hrs	120	40	1,064	41	9,231	42	65,437	38							
		8	6-10 hrs	34	12	340	14	2,910	14	19,776	12							
		13	11-15 hrs	8	3	124	6	960	5	7,161	4							
		18	16-20 hrs	1	0	63	3	473	2	3,354	2							
		23	21-25 hrs	5	2	27	1	207	1	1,554	1							
		28	26-30 hrs	1	0	12	0	82	0	729	0							
		33	More than 30 hrs	7	3	30	1	207	1	1,546	1							
			Total	284	100	2,408	100	21,722	100	178,904	100							

16. Of the time you spend preparing for class in a typical 7-day week, about how much is on *assigned reading*?

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	Texas Tech %	Comparison schools Count	Comparison schools %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	Texas Tech Mean	Comparison schools Mean	Comparison schools Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
	reading	1	Very little	39	15	331	14	2,716	14	17,568	11	2.5	2.7 ** ▽	-.18	2.7 *** ▽	-.21	2.8 *** ▼	-.33
		2	Some	113	40	760	33	6,887	33	53,344	31							
		3	About half	82	28	743	31	5,989	28	53,512	30							
		4	Most	41	14	395	16	4,383	19	39,150	21							
		5	Almost all	9	3	152	6	1,587	7	14,491	8							
			Total	284	100	2,381	100	21,562	100	178,065	100							
(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)*	tmreadinghrs											6.2	5.7	.10	6.5	-.05	6.8	-.10

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
Texas Tech University

First-Year Students

				Frequency Distributions[a]									Statistical Comparisons[b]							
														Your first-year students compared with					
				Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015			Texas Tech	Comparison schools		Carnegie Class		NSSE 2014 & 2015	
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]
tmreadinghrscol		1	0 hrs	1	0	10	1	102	1	764	1								
(Collapsed version of tmreadinghrs *created by NSSE.)*		2	More than zero, up to 5 hrs	144	53	1,360	57	10,563	52	83,488	49								
		3	More than 5, up to 10 hrs	87	30	667	28	6,347	29	53,229	29								
		4	More than 10, up to 15 hrs	23	8	174	8	2,189	9	19,565	10								
		5	More than 15, up to 20 hrs	13	4	90	4	1,178	5	10,339	5								
		6	More than 20, up to 25 hrs	12	4	50	2	782	3	6,993	4								
		7	More than 25 hrs	2	1	19	1	283	1	2,743	1								
			Total	282	100	2,370	100	21,444	100	177,121	100								

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

Item wording or description	Variable name	Values	Response options	Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
a. Writing clearly and effectively	pgwrite	1	Very little	52	20	194	9	1,834	9	12,810	8								
		2	Some	111	40	583	26	5,802	27	44,405	25								
		3	Quite a bit	92	30	943	38	8,526	39	72,036	40		**2.3**	2.9 ***	-.58	2.8 ***	-.54	2.9 ***	-.63
		4	Very much	32	11	693	28	5,548	25	50,028	28		▼	▼		▼		▼	
			Total	287	100	2,413	100	21,710	100	179,279	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	44	17	271	13	2,796	13	19,428	11								
		2	Some	107	39	686	29	6,923	32	52,924	29								
		3	Quite a bit	96	32	899	37	7,567	35	65,679	36		**2.4**	2.7 ***	-.27	2.6 ***	-.23	2.7 ***	-.32
		4	Very much	39	13	548	21	4,345	20	40,639	23		▽	▽		▽		▼	
			Total	286	100	2,404	100	21,631	100	178,670	100								
c. Thinking critically and analytically	pgthink	1	Very little	19	7	92	5	769	4	5,996	4								
		2	Some	65	24	467	21	4,292	20	33,007	19								
		3	Quite a bit	135	44	1,023	42	9,282	42	75,898	42		**2.9**	3.0 **	-.20	3.1 ***	-.24	3.1 ***	-.28
		4	Very much	68	24	820	33	7,286	33	63,749	35		▽	▽		▽		▽	
			Total	287	100	2,402	100	21,629	100	178,650	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	37	12	321	14	2,882	14	26,779	14								
		2	Some	89	34	725	30	6,750	31	55,804	31								
		3	Quite a bit	103	33	813	34	7,211	33	58,586	33		**2.6**	2.6	-.02	2.6	-.02	2.6	.01
		4	Very much	57	20	540	22	4,756	22	37,282	21								
			Total	286	100	2,399	100	21,599	100	178,451	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 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 Count	Texas Tech %	Comparison schools Count	Comparison schools %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	Texas Tech Mean	Comparison schools Mean	Comparison schools Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	33	11	330	15	3,169	16	24,249	15							
		2	Some	91	34	717	30	6,814	31	55,415	31							
		3	Quite a bit	105	36	811	33	7,149	33	59,173	33	2.6	2.6	.01	2.6	.05	2.6	.02
		4	Very much	58	19	548	22	4,516	20	39,848	22							
			Total	287	100	2,406	100	21,648	100	178,685	100							
f. Working effectively with others	pgothers	1	Very little	34	13	171	9	1,643	8	12,059	7							
		2	Some	77	28	632	28	6,134	29	47,319	27							
		3	Quite a bit	114	38	939	38	8,441	39	70,388	39	2.7	2.8 * ▽	-.14	2.8 * ▽	-.13	2.8 ** ▽	-.19
		4	Very much	62	21	651	26	5,364	24	48,511	27							
			Total	287	100	2,393	100	21,582	100	178,277	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	47	17	332	16	2,947	15	20,974	13							
		2	Some	83	32	644	27	6,243	29	49,001	28							
		3	Quite a bit	99	32	847	34	7,282	33	62,225	34	2.5	2.6	-.10	2.6	-.09	2.7 ** ▽	-.17
		4	Very much	58	19	573	23	5,114	22	46,213	25							
			Total	287	100	2,396	100	21,586	100	178,413	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	41	15	241	10	2,603	12	19,049	11							
		2	Some	90	33	653	28	6,468	30	50,325	28							
		3	Quite a bit	107	35	843	35	7,320	34	61,711	34	2.5	2.8 *** ▽	-.26	2.7 ** ▽	-.16	2.8 *** ▽	-.23
		4	Very much	49	17	666	27	5,211	24	47,489	26							
			Total	287	100	2,403	100	21,602	100	178,574	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	49	17	315	14	2,848	14	21,997	13							
		2	Some	89	33	784	34	7,247	34	58,155	33							
		3	Quite a bit	95	31	783	32	7,243	33	60,726	34	2.5	2.6	-.08	2.6	-.08	2.6 * ▽	-.12
		4	Very much	53	18	518	21	4,247	19	37,489	21							
			Total	286	100	2,400	100	21,585	100	178,367	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	47	17	326	14	3,063	15	23,211	14							
		2	Some	97	36	750	32	7,108	33	56,097	32							
		3	Quite a bit	90	29	784	33	7,080	32	59,460	33	2.5	2.6 * ▽	-.13	2.6	-.09	2.6 * ▽	-.15
		4	Very much	51	18	526	21	4,259	20	38,834	22							
			Total	285	100	2,386	100	21,510	100	177,602	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
Texas Tech University

First-Year Students

   Statistical Comparisons[b]

Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	4	2	28	2	353	2	2,851	2							
		2	Fair	25	10	247	12	2,617	13	20,275	12							
		3	Good	148	52	1,223	49	10,993	51	87,798	50	**3.2**	3.2	.00	3.2	.06	3.2	.03
		4	Excellent	107	36	912	37	7,794	34	68,556	36							
			Total	284	100	2,410	100	21,757	100	179,480	100							
19. If you could start over again, would you go to the *same institution* you are now attending?																		
	sameinst	1	Definitely no	8	3	76	4	736	4	6,598	4							
		2	Probably no	36	14	282	12	2,665	12	22,028	13							
		3	Probably yes	115	39	984	41	9,217	43	73,984	42	**3.2**	3.2	.01	3.2	.03	3.2	.04
		4	Definitely yes	126	44	1,067	43	9,148	41	76,959	42							
			Total	285	100	2,409	100	21,766	100	179,569	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
Texas Tech University

Seniors

				Frequency Distributions[a]								Statistical Comparisons[b]						
													Your seniors compared with					
				Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015		Texas Tech	Comparison schools		Carnegie Class		NSSE 2014 & 2015	
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]
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	43	4	206	4	1,277	3	6,659	2	2.9	3.0 * ▽	-.08	3.1 *** ▽	-.16	3.2 *** ▽	-.27
		2	Sometimes	334	31	1,572	29	11,488	26	67,029	23							
		3	Often	339	32	1,755	30	13,879	32	95,528	31							
		4	Very often	363	33	2,150	37	16,989	39	137,494	44							
			Total	1,079	100	5,683	100	43,633	100	306,710	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	250	24	1,189	21	9,546	22	61,908	20	2.3	2.4 *** ▽	-.12	2.4 ** ▽	-.09	2.5 *** ▽	-.14
		2	Sometimes	398	37	1,882	33	15,400	35	106,344	34							
		3	Often	249	23	1,465	26	10,607	25	75,963	25							
		4	Very often	172	16	1,095	20	7,788	19	60,638	20							
			Total	1,069	100	5,631	100	43,341	100	304,853	100							
c. Come to class without completing readings or assignments	unpreparedr *(Reverse-coded version of unprepared created by NSSE.)*	1	Very often	69	7	424	8	3,158	7	19,469	7	3.0	2.9	.05	2.9	.03	3.0	-.02
		2	Often	146	14	860	16	6,771	15	42,114	14							
		3	Sometimes	598	56	3,053	54	23,768	55	167,336	55							
		4	Never	248	23	1,258	22	9,420	23	74,562	25							
			Total	1,061	100	5,595	100	43,117	100	303,481	100							
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	462	45	2,644	48	18,296	44	122,128	43	1.8	1.8 * △	.08	1.8	.00	1.9	-.04
		2	Sometimes	372	35	1,919	34	15,875	36	112,370	37							
		3	Often	139	13	621	11	5,409	12	40,294	13							
		4	Very often	80	7	380	7	3,313	8	27,396	8							
			Total	1,053	100	5,564	100	42,893	100	302,188	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	155	16	684	13	5,217	13	36,930	13	2.4	2.5	-.05	2.4	-.04	2.4	-.02
		2	Sometimes	448	43	2,372	43	18,746	45	135,138	45							
		3	Often	276	26	1,604	28	12,016	27	84,313	27							
		4	Very often	156	15	880	16	6,824	15	45,343	14							
			Total	1,035	100	5,540	100	42,803	100	301,724	100							
f. Explained course material to one or more students	CLexplain	1	Never	58	6	252	5	1,949	5	13,368	5	2.7	2.8	-.02	2.8	-.03	2.8	-.03
		2	Sometimes	369	35	1,980	36	14,906	36	105,558	36							
		3	Often	398	38	2,065	37	15,969	37	112,547	37							
		4	Very often	212	21	1,223	22	9,555	22	66,938	22							
			Total	1,037	100	5,520	100	42,379	100	298,411	100							

Seniors

				Frequency Distributions[a]									Statistical Comparisons[b]						
																Your seniors compared with			
				Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015			Texas Tech	Comparison schools		Carnegie Class		NSSE 2014 & 2015	
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]
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	203	20	958	18	7,108	18	49,620	18		2.5	2.5	-.01	2.5	-.03	2.5	-.02
		2	Sometimes	343	32	1,961	36	14,979	35	105,331	35								
		3	Often	281	27	1,471	26	11,350	26	81,807	27								
		4	Very often	203	21	1,122	21	8,878	21	61,606	20								
			Total	1,030	100	5,512	100	42,315	100	298,364	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	80	8	356	7	2,614	7	16,681	6		2.8	2.9	-.05	2.9	-.04	2.9 * ▽	-.08
		2	Sometimes	312	30	1,565	29	12,370	30	85,684	29								
		3	Often	341	33	1,907	34	14,461	34	104,067	34								
		4	Very often	296	29	1,642	30	12,717	30	90,877	31								
			Total	1,029	100	5,470	100	42,162	100	297,309	100								
i. Given a course presentation	present	1	Never	157	16	805	15	4,963	12	29,077	11		2.6	2.6	.01	2.6	-.06	2.7 *** ▽	-.16
		2	Sometimes	327	33	1,879	35	14,317	34	90,414	31								
		3	Often	282	28	1,567	29	12,967	31	96,515	32								
		4	Very often	234	23	1,169	21	9,564	23	79,376	26								
			Total	1,000	100	5,420	100	41,811	100	295,382	100								

2. During the current school year, about how often have you done the following?

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]
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	47	5	183	4	1,261	3	8,217	3		3.0	3.0	-.03	3.0	-.03	3.0	-.05
		2	Sometimes	248	25	1,307	25	10,151	25	70,335	25								
		3	Often	346	36	2,036	38	16,201	39	114,452	39								
		4	Very often	337	34	1,790	33	13,401	32	98,057	33								
			Total	978	100	5,316	100	41,014	100	291,061	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	98	11	425	9	2,819	7	15,943	6		2.7	2.8 ** ▽	-.10	2.8 *** ▽	-.15	2.9 *** ▽	-.23
		2	Sometimes	325	34	1,637	31	12,714	31	83,004	29								
		3	Often	311	32	1,815	34	14,110	34	104,055	36								
		4	Very often	231	23	1,405	26	10,914	27	85,027	29								
			Total	965	100	5,282	100	40,557	100	288,029	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	165	19	801	17	5,366	14	28,351	11		2.4	2.5 *** ▽	-.12	2.6 *** ▽	-.18	2.7 *** ▽	-.28
		2	Sometimes	366	38	1,793	34	14,199	35	95,573	33								
		3	Often	263	26	1,501	28	12,021	29	91,996	31								
		4	Very often	170	17	1,180	21	8,977	22	72,212	24								
			Total	964	100	5,275	100	40,563	100	288,132	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	Texas Tech %	Comparison schools Count	Comparison schools %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	Texas Tech Mean	Comparison schools Mean	Comparison schools Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	62	7	297	6	2,242	6	12,429	5							
		2	Sometimes	328	34	1,598	30	12,313	30	82,168	29							
		3	Often	351	36	2,060	38	15,980	40	117,027	40	2.7	2.8 * ▽	-.09	2.8 ** ▽	-.11	2.9 *** ▽	-.17
		4	Very often	215	22	1,301	25	9,879	24	75,822	26							
			Total	956	100	5,256	100	40,414	100	287,446	100							
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	45	5	198	4	1,604	4	9,061	3							
		2	Sometimes	304	32	1,423	27	10,764	27	72,375	25							
		3	Often	361	37	2,049	39	16,407	41	119,101	41	2.8	2.9 *** ▽	-.14	2.9 *** ▽	-.13	3.0 *** ▽	-.18
		4	Very often	241	25	1,572	30	11,556	28	86,350	30							
			Total	951	100	5,242	100	40,331	100	286,887	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	39	5	135	3	1,013	3	5,853	2							
		2	Sometimes	289	31	1,496	29	11,327	29	76,235	27							
		3	Often	400	42	2,125	40	16,520	41	118,961	41	2.8	2.9 *** ▽	-.13	2.9 *** ▽	-.13	3.0 *** ▽	-.18
		4	Very often	221	23	1,471	28	11,341	28	85,060	29							
			Total	949	100	5,227	100	40,201	100	286,109	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	23	3	72	2	503	1	2,872	1							
		2	Sometimes	175	19	825	16	6,466	17	41,365	15							
		3	Often	384	41	2,132	40	16,551	41	117,585	41	3.1	3.2 ** ▽	-.11	3.2 *** ▽	-.11	3.3 *** ▽	-.16
		4	Very often	359	38	2,188	42	16,551	41	123,056	43							
			Total	941	100	5,217	100	40,071	100	284,878	100							

3. During the current school year, about how often have you done the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	Texas Tech %	Comparison schools Count	Comparison schools %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	Texas Tech Mean	Comparison schools Mean	Comparison schools Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
a. Talked about career plans with a faculty member	SFcareer	1	Never	209	23	1,032	22	7,777	20	46,410	18							
		2	Sometimes	358	38	2,070	40	16,248	40	110,383	39							
		3	Often	223	23	1,218	22	9,469	23	72,651	24	2.3	2.3	-.02	2.4	-.05	2.4 *** ▽	-.13
		4	Very often	152	15	892	16	6,661	16	56,415	18							
			Total	942	100	5,212	100	40,155	100	285,859	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	459	50	2,467	50	17,838	45	119,868	45							
		2	Sometimes	237	25	1,352	25	11,522	28	83,238	28							
		3	Often	151	16	772	14	6,033	15	45,716	15	1.8	1.9	-.01	1.9 * ▽	-.07	1.9 ** ▽	-.10
		4	Very often	93	9	599	11	4,608	11	35,983	12							
			Total	940	100	5,190	100	40,001	100	284,805	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 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 Count	Texas Tech %	Comparison schools Count	Comparison schools %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	Texas Tech Mean	Comparison schools Mean	Comparison schools Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	296	31	1,495	31	10,702	28	69,107	26							
		2	Sometimes	346	38	2,077	39	16,347	40	113,145	39							
		3	Often	191	20	1,000	18	8,216	21	63,122	21	2.1	2.1	.00	2.2	-.06	2.2 ** ▽	-.11
		4	Very often	106	11	619	11	4,710	12	39,184	13							
			Total	939	100	5,191	100	39,975	100	284,558	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	237	26	1,249	26	9,903	25	60,842	23							
		2	Sometimes	400	43	2,287	44	17,756	44	123,980	44							
		3	Often	190	20	1,034	19	7,850	20	62,355	21	2.2	2.1	.01	2.2	-.01	2.2 * ▽	-.08
		4	Very often	107	11	610	11	4,339	11	36,640	12							
			Total	934	100	5,180	100	39,848	100	283,817	100							

4. During the current school year, how much has your coursework emphasized the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	Texas Tech %	Comparison schools Count	Comparison schools %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	Texas Tech Mean	Comparison schools Mean	Comparison schools Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
a. Memorizing course material	memorize	1	Very little	87	10	372	7	3,098	8	25,138	9							
		2	Some	275	29	1,411	28	11,761	30	86,223	30							
		3	Quite a bit	346	37	2,009	39	14,898	37	105,053	37	2.8	2.9 ** ▽	-.10	2.8	-.05	2.8	-.01
		4	Very much	230	24	1,402	27	10,236	25	68,194	24							
			Total	938	100	5,194	100	39,993	100	284,608	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	42	5	172	4	1,189	3	7,666	3							
		2	Some	161	17	906	18	7,083	18	48,514	17							
		3	Quite a bit	382	41	2,124	41	16,556	41	118,789	42	3.1	3.1	-.03	3.1	-.04	3.1	-.05
		4	Very much	351	37	1,975	38	14,970	38	108,380	38							
			Total	936	100	5,177	100	39,798	100	283,349	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	33	4	198	4	1,519	4	9,247	4							
		2	Some	185	20	1,018	20	7,959	20	52,172	19							
		3	Quite a bit	367	40	2,035	39	15,627	39	112,886	40	3.1	3.1	.01	3.1	.00	3.1	-.04
		4	Very much	339	37	1,909	37	14,608	37	108,365	38							
			Total	924	100	5,160	100	39,713	100	282,670	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	59	7	305	7	2,583	7	13,625	5							
		2	Some	239	26	1,201	24	9,910	25	62,823	23							
		3	Quite a bit	356	38	2,041	39	15,383	39	113,199	40	2.9	2.9	-.05	2.9	-.03	3.0 *** ▽	-.11
		4	Very much	274	29	1,615	31	11,800	30	92,982	32							
			Total	928	100	5,162	100	39,676	100	282,629	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

Seniors

Frequency Distributions[a]									Statistical Comparisons[b]						
										Your seniors compared with					
Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015		Texas Tech	Comparison schools		Carnegie Class		NSSE 2014 & 2015	
				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	67	8	252	6	2,146	6	12,211	5	2.9	3.0 ** ▽	-.10	3.0 * ▽	-.07	3.0 *** ▽	-.13
		2	Some	223	24	1,153	22	9,477	24	62,045	22							
		3	Quite a bit	365	39	2,091	40	15,940	40	115,182	41							
		4	Very much	269	29	1,655	32	12,048	30	92,582	32							
			Total	924	100	5,151	100	39,611	100	282,020	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	38	4	126	3	950	3	5,669	2	3.1	3.2 ** ▽	-.11	3.2 * ▽	-.07	3.2 *** ▽	-.12
		2	Some	163	18	811	16	6,775	17	43,693	16							
		3	Quite a bit	383	42	2,100	40	17,276	43	121,257	42							
		4	Very much	345	37	2,157	41	14,957	38	114,049	40							
			Total	929	100	5,194	100	39,958	100	284,668	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	51	6	159	4	1,068	3	6,968	3	3.0	3.1 *** ▽	-.14	3.1 *** ▽	-.13	3.1 *** ▽	-.18
		2	Some	187	20	893	18	7,188	18	47,297	17							
		3	Quite a bit	387	43	2,150	41	17,786	44	125,024	44							
		4	Very much	299	32	1,977	37	13,805	35	104,583	37							
			Total	924	100	5,179	100	39,847	100	283,872	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	51	6	184	4	1,264	3	8,431	3	3.1	3.1 * ▽	-.08	3.1	-.07	3.2 ** ▽	-.10
		2	Some	158	17	866	17	7,216	18	48,521	18							
		3	Quite a bit	373	41	2,047	39	16,018	40	111,239	39							
		4	Very much	338	36	2,069	39	15,262	38	115,034	40							
			Total	920	100	5,166	100	39,760	100	283,225	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	133	15	631	13	4,755	12	27,903	11	2.6	2.7 * ▽	-.09	2.7 * ▽	-.09	2.8 *** ▽	-.18
		2	Some	282	31	1,467	29	11,902	30	76,131	27							
		3	Quite a bit	282	31	1,548	29	12,712	32	93,895	33							
		4	Very much	228	24	1,519	28	10,328	26	85,128	29							
			Total	925	100	5,165	100	39,697	100	283,057	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	123	14	441	10	3,103	8	18,673	7	2.7	2.8 *** ▽	-.15	2.8 *** ▽	-.15	2.9 *** ▽	-.23
		2	Some	273	29	1,314	26	11,048	28	71,840	26							
		3	Quite a bit	285	31	1,880	36	14,947	37	107,264	37							
		4	Very much	237	26	1,500	28	10,508	27	84,197	29							
			Total	918	100	5,135	100	39,606	100	281,974	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
Texas Tech University

Seniors

				Frequency Distributions[a]								Statistical Comparisons[b]						
														Your seniors compared with				
				Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015		Texas Tech	Comparison schools		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	131	14	668	12	5,170	12	38,073	13	2.6	2.7	-.07	2.7	-.04	2.7	-.01
		2	Sometimes	309	32	1,541	29	12,451	31	91,497	32							
		3	Often	281	30	1,705	33	13,028	33	91,999	33							
		4	Very often	207	24	1,263	25	9,261	24	62,699	23							
			Total	928	100	5,177	100	39,910	100	284,268	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	202	21	997	20	7,810	19	53,885	19	2.4	2.5	-.06	2.4	-.05	2.4	-.05
		2	Sometimes	330	35	1,766	34	14,185	35	102,916	36							
		3	Often	234	26	1,425	28	10,673	27	77,188	28							
		4	Very often	161	18	978	19	7,175	18	49,659	18							
			Total	927	100	5,166	100	39,843	100	283,648	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	187	20	969	19	6,995	18	49,854	17	2.4	2.4	-.06	2.5	-.06	2.4	-.06
		2	Sometimes	344	37	1,842	36	14,680	37	105,654	37							
		3	Often	251	28	1,434	28	11,281	29	80,461	29							
		4	Very often	140	16	903	18	6,756	17	46,851	17							
			Total	922	100	5,148	100	39,712	100	282,820	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages *(Recoded version of* wrshort *created by NSSE. Values are estimated number of papers, reports, etc.)*	wrshortnum	0	None	87	11	414	10	2,424	7	13,481	6	5.5	6.2 ** ▽	-.11	7.1 *** ▽	-.24	7.7 *** ▼	-.32
		1.5	1-2	220	27	1,123	24	7,347	21	47,784	19							
		4	3-5	246	29	1,319	28	10,070	28	71,587	28							
		8	6-10	170	20	930	20	7,548	21	57,297	22							
		13	11-15	47	5	408	9	3,754	10	28,883	11							
		18	16-20	26	3	192	4	2,078	5	16,321	6							
		23	More than 20	41	5	275	6	2,905	8	24,703	9							
			Total	837	100	4,661	100	36,126	100	260,056	100							
b. Between 6 and 10 pages *(Recoded version of* wrmed *created by NSSE. Values are estimated number of papers, reports, etc.)*	wrmednum	0	None	296	36	1,344	30	8,343	24	50,400	21	2.5	2.8 * ▽	-.08	3.3 *** ▽	-.20	3.6 *** ▽	-.26
		1.5	1-2	304	36	1,670	36	12,808	36	90,812	35							
		4	3-5	141	17	967	21	8,775	24	68,498	26							
		8	6-10	52	6	387	9	3,705	10	30,820	12							
		13	11-15	15	2	116	3	1,132	3	9,387	4							
		18	16-20	11	2	45	1	458	1	3,878	2							
		23	More than 20	8	1	40	1	384	1	3,319	1							
			Total	827	100	4,569	100	35,605	100	257,114	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 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 Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
c. 11 pages or more	wrlongnum	0	None	454	55	2,381	52	15,868	46	104,102	43							
(Recoded version of wrlong *created by NSSE. Values are estimated number of papers, reports, etc.)*		1.5	1-2	226	28	1,447	33	12,652	36	97,520	37							
		4	3-5	68	8	415	10	3,860	11	31,523	12							
		8	6-10	33	4	131	3	1,299	4	9,745	4	1.8	1.6	.03	1.9	-.04	2.0 * ▽	-.07
		13	11-15	17	2	69	1	548	2	3,945	2							
		18	16-20	4	1	27	1	249	1	1,958	1							
		23	More than 20	11	1	44	1	352	1	2,808	1							
			Total	813	100	4,514	100	34,828	100	251,601	100							
Estimated number of assigned pages of student writing. *(Continuous variable, recoded and summed by NSSE from* wrshort, wrmed, *and* wrlong. *Values are estimated pages of assigned writing.)*	wrpages											59.9	62.2	-.03	73.3 *** ▽	-.16	79.2 *** ▽	-.22

8. During the current school year, about how often have you had discussions with people from the following groups?

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
a. People of a race or ethnicity other than your own	DDrace	1	Never	52	6	204	4	1,882	5	12,152	5							
		2	Sometimes	156	18	876	18	8,793	23	61,014	22							
		3	Often	276	32	1,352	27	10,337	28	74,997	28	3.1	3.2 ** ▽	-.12	3.1	.03	3.1	-.01
		4	Very often	381	44	2,411	51	16,348	44	120,964	46							
			Total	865	100	4,843	100	37,360	100	269,127	100							
b. People from an economic background other than your own	DDeconomic	1	Never	44	5	206	5	1,618	5	10,402	4							
		2	Sometimes	165	19	893	18	8,033	21	56,602	21							
		3	Often	280	33	1,541	31	12,287	33	87,743	32	3.1	3.2	-.06	3.1	.02	3.1	.00
		4	Very often	374	43	2,192	46	15,326	41	113,637	43							
			Total	863	100	4,832	100	37,264	100	268,384	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	58	7	281	6	2,826	7	15,700	6							
		2	Sometimes	198	23	1,044	21	9,327	24	65,015	24							
		3	Often	258	29	1,392	28	10,490	29	78,228	29	3.0	3.1 * ▽	-.08	3.0	.01	3.1	-.03
		4	Very often	347	41	2,107	45	14,538	40	108,900	41							
			Total	861	100	4,824	100	37,181	100	267,843	100							
d. People with political views other than your own	DDpolitical	1	Never	62	8	283	6	2,202	6	14,380	6							
		2	Sometimes	185	22	1,012	21	9,110	24	64,479	24							
		3	Often	275	31	1,463	30	11,457	31	82,855	31	3.0	3.1 * ▽	-.08	3.0	-.01	3.0	-.03
		4	Very often	336	39	2,042	43	14,257	39	104,916	40							
			Total	858	100	4,800	100	37,026	100	266,630	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
Texas Tech University

Seniors

				Frequency Distributions[a]									Statistical Comparisons[b]						
				Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015			Texas Tech						
															Your seniors compared with					
															Comparison schools		Carnegie Class		NSSE 2014 & 2015	
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]
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	4	118	3	895	3	5,050	2								
		2	Sometimes	155	18	798	17	6,177	17	39,700	15								
		3	Often	347	40	1,806	37	14,135	38	101,695	38		3.1	3.2 **	-.11	3.2 **	-.11	3.3 ***	-.16
		4	Very often	334	38	2,089	44	15,965	43	121,371	45			▽		▽		▽	
			Total	864	100	4,811	100	37,172	100	267,816	100								
b. Reviewed your notes after class	LSnotes	1	Never	71	9	317	7	2,751	7	19,498	7								
		2	Sometimes	260	31	1,371	28	11,303	30	79,158	29								
		3	Often	249	28	1,526	32	11,355	31	81,441	31		2.8	2.9 **	-.10	2.9	-.04	2.9	-.06
		4	Very often	279	32	1,598	34	11,691	32	86,912	33			▽					
			Total	859	100	4,812	100	37,100	100	267,009	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	78	10	332	7	2,788	8	17,569	7								
		2	Sometimes	228	27	1,327	28	10,611	28	72,946	27								
		3	Often	293	34	1,581	33	12,405	34	90,669	34		2.8	2.9 *	-.08	2.9	-.05	2.9 *	-.09
		4	Very often	249	29	1,511	32	10,870	30	82,917	32			▽				▽	
			Total	848	100	4,751	100	36,674	100	264,101	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	12	2	21	1	244	1	1,501	1								
		2		16	2	60	1	491	1	3,129	1								
		3		31	4	139	3	1,107	3	7,280	3								
		4		83	10	385	8	3,274	9	21,855	8		5.6	5.7 **	-.12	5.6	-.05	5.7 *	-.09
		5		205	24	1,248	26	10,151	27	72,464	27			▽				▽	
		6		272	32	1,465	30	11,862	31	86,220	32								
		7	Very much	232	27	1,486	31	9,933	27	74,440	28								
			Total	851	100	4,804	100	37,062	100	266,889	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 *(Means indicate the percentage who responded "Done or in progress.")*		Have not decided	70	8	400	8	2,598	7	18,550	8								
			Do not plan to do	167	20	901	20	6,228	18	46,471	18								
			Plan to do	200	24	1,369	28	9,173	25	57,927	23		48%	44%	.06	50%	-.05	51% *	-.07
			Done or in progress	415	48	2,125	44	19,062	50	144,049	51							▽	
			Total	852	100	4,795	100	37,061	100	266,997	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 FREQUENCIES AND STATISTICAL COMPARISONS • 8

Seniors

				Frequency Distributions[a]									**Statistical Comparisons**[b]						
															Your seniors compared with				
				Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015			Texas Tech	Comparison schools		Carnegie Class		NSSE 2014 & 2015	
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]
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	93	11	543	11	3,608	10	25,153	10		**36%**	31% ** △	.11	35%	.02	36%	-.01
			Do not plan to do	361	43	2,308	50	16,970	46	117,665	46								
			Plan to do	87	10	398	8	2,993	9	19,433	8								
			Done or in progress	311	36	1,533	31	13,383	35	104,008	36								
			Total	852	100	4,782	100	36,954	100	266,259	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	111	13	629	13	4,075	12	30,692	12		**27%**	22% ** △	.12	25%	.06	25%	.06
			Do not plan to do	430	50	2,581	55	20,183	55	142,608	54								
			Plan to do	76	9	477	10	3,190	9	22,741	9								
			Done or in progress	238	27	1,093	22	9,441	25	69,698	25								
			Total	855	100	4,780	100	36,889	100	265,739	100								
d. Participate in a study abroad program	abroad *(Means indicate the percentage who responded "Done or in progress.")*		Have not decided	109	13	637	13	4,058	12	28,618	12		**13%**	10% *** △	.12	14%	-.03	15%	-.03
			Do not plan to do	530	63	3,203	68	24,299	66	174,074	66								
			Plan to do	90	11	424	9	2,874	9	18,812	8								
			Done or in progress	120	13	510	10	5,634	14	44,046	15								
			Total	849	100	4,774	100	36,865	100	265,550	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	140	17	769	17	5,303	15	36,337	15		**22%**	19% * △	.07	25%	-.06	25%	-.06
			Do not plan to do	377	45	2,339	49	16,957	46	126,950	48								
			Plan to do	138	17	713	15	5,114	15	31,655	13								
			Done or in progress	192	22	948	19	9,335	25	69,495	25								
			Total	847	100	4,769	100	36,709	100	264,437	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	110	13	564	12	3,402	10	22,188	9		**32%**	39% *** ▽	-.15	42% *** ▽	-.21	46% *** ▽	-.29
			Do not plan to do	246	29	1,096	24	8,279	22	53,995	21								
			Plan to do	215	26	1,219	25	9,334	26	58,021	23								
			Done or in progress	276	32	1,894	39	15,783	42	131,030	46								
			Total	847	100	4,773	100	36,798	100	265,234	100								

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

	servcourse	1	None	362	43	2,052	46	15,163	43	97,117	39		**1.7**	1.7	.02	1.7	-.02	1.7 ** ▽	-.09
		2	Some	411	48	2,173	43	17,933	48	137,517	50								
		3	Most	73	8	442	9	3,152	8	26,046	9								
		4	All	9	1	77	2	468	1	4,189	2								
			Total	855	100	4,744	100	36,716	100	264,869	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 FREQUENCIES AND STATISTICAL COMPARISONS • 9

NSSE 2015 Frequencies and Statistical Comparisons
Texas Tech University

Seniors

					Frequency Distributions[a]								Statistical Comparisons[b]						
															Your seniors compared with				
					Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015		Texas Tech	Comparison schools		Carnegie Class		NSSE 2014 & 2015	
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]

13. Indicate the quality of your interactions with the following people at your institution.

Item	Variable	Values	Response	Count (TT)	% (TT)	Count (Comp)	% (Comp)	Count (Carn)	% (Carn)	Count (NSSE)	% (NSSE)	Mean (TT)	Mean (Comp)	Eff (Comp)	Mean (Carn)	Eff (Carn)	Mean (NSSE)	Eff (NSSE)
a. Students	QIstudent	1	Poor	22	3	64	2	443	1	2,906	1							
		2		18	2	85	2	652	2	4,150	2							
		3		34	4	165	4	1,466	4	9,699	4							
		4		73	9	423	9	3,217	9	22,225	9							
		5		178	20	998	21	8,194	22	57,533	22	5.6	5.7	-.06	5.7	-.04	5.7	-.07
		6		243	28	1,405	29	11,211	30	80,938	30							
		7	Excellent	279	33	1,605	34	11,530	31	87,310	33							
		—	Not applicable	10	1	49	1	325	1	2,140	1							
			Total	857	100	4,794	100	37,038	100	266,901	100							
b. Academic advisors	QIadvisor	1	Poor	59	7	238	5	2,216	6	13,115	5							
		2		53	6	236	5	2,326	6	13,819	5							
		3		73	9	366	7	3,104	8	19,297	7							
		4		110	13	585	12	4,831	13	30,821	12							
		5		132	15	811	17	6,767	18	46,216	17	5.0	5.2 * ▽	-.09	5.0	.00	5.2 * ▽	-.09
		6		168	20	1,012	20	7,559	20	56,231	21							
		7	Excellent	253	29	1,488	31	9,586	27	83,111	31							
		—	Not applicable	10	1	56	1	572	2	3,742	2							
			Total	858	100	4,792	100	36,961	100	266,352	100							
c. Faculty	QIfaculty	1	Poor	21	3	93	2	665	2	3,854	2							
		2		25	3	113	2	934	3	5,530	2							
		3		50	6	230	5	1,836	5	11,335	5							
		4		98	11	495	10	4,101	11	26,232	10							
		5		177	21	1,028	22	8,373	23	56,921	22	5.4	5.5	-.06	5.4	-.04	5.5 ** ▽	-.12
		6		244	29	1,455	30	11,327	30	82,177	30							
		7	Excellent	223	26	1,306	27	9,261	25	76,842	28							
		—	Not applicable	11	1	40	1	252	1	1,794	1							
			Total	849	100	4,760	100	36,749	100	264,685	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

Seniors

Frequency Distributions[a] — **Statistical Comparisons[b]**

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	Texas Tech %	Comparison schools Count	Comparison schools %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	Texas Tech Mean	Comparison schools Mean	Comparison schools Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	50	6	246	6	2,014	6	13,422	5							
		2		42	5	213	4	1,908	5	13,051	5							
		3		54	6	335	7	2,830	7	19,214	7							
		4		100	12	592	12	5,014	13	33,769	12							
		5		158	19	818	17	6,728	18	48,309	18	4.9	4.9	.00	4.8	.05	4.9	.01
		6		149	18	874	18	6,516	17	49,225	18							
		7	Excellent	147	17	817	17	5,489	15	44,998	17							
		—	Not applicable	147	17	872	19	6,360	18	43,394	18							
			Total	847	100	4,767	100	36,859	100	265,382	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	61	7	283	7	2,246	6	15,111	6							
		2		52	6	280	6	2,256	6	15,663	6							
		3		72	8	434	9	3,333	9	23,011	9							
		4		127	15	678	14	5,762	16	39,615	15							
		5		157	18	1,031	21	7,880	21	55,413	20	4.8	4.8	.01	4.7	.02	4.8	-.03
		6		151	18	973	20	7,481	20	55,290	20							
		7	Excellent	164	20	849	17	5,790	16	49,202	19							
		—	Not applicable	63	7	249	6	2,166	6	12,517	5							
			Total	847	100	4,777	100	36,914	100	265,822	100							

14. How much does your institution emphasize the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	Texas Tech %	Comparison schools Count	Comparison schools %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	Texas Tech Mean	Comparison schools Mean	Comparison schools Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	25	3	96	2	697	2	5,015	2							
		2	Some	136	17	786	17	5,381	16	38,851	16							
		3	Quite a bit	351	44	1,963	43	14,923	43	109,691	43	3.1	3.2	-.05	3.2 ** ▽	-.10	3.2 ** ▽	-.09
		4	Very much	279	35	1,694	37	13,994	39	100,133	39							
			Total	791	100	4,539	100	34,995	100	253,690	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	47	6	246	6	1,909	6	11,946	5							
		2	Some	199	26	983	23	8,342	24	55,480	23							
		3	Quite a bit	303	39	1,842	40	14,582	41	104,084	41	2.9	3.0	-.04	2.9	-.01	3.0	-.07
		4	Very much	236	29	1,434	31	9,913	28	80,368	31							
			Total	785	100	4,505	100	34,746	100	251,878	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	74	9	383	9	2,947	9	20,336	9							
		2	Some	192	25	1,055	24	8,876	26	59,883	24							
		3	Quite a bit	274	35	1,648	36	13,046	37	93,436	37	2.9	2.9	-.01	2.8	.03	2.9	-.01
		4	Very much	247	31	1,429	31	9,864	28	78,357	30							
			Total	787	100	4,515	100	34,733	100	252,012	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE national survey of student engagement

Seniors

				Frequency Distributions[a]								Statistical Comparisons[b]							
														Your seniors compared with					
				Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015		Texas Tech	Comparison schools		Carnegie Class		NSSE 2014 & 2015	
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]
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	147	19	648	15	5,956	17	38,915	16	2.5	2.7 ** ▽	-.12	2.6	-.02	2.6	-.06
		2	Some	237	30	1,362	29	11,218	32	78,417	31							
		3	Quite a bit	224	28	1,403	31	10,340	30	77,153	31							
		4	Very much	181	23	1,109	25	7,261	21	57,948	23							
			Total	789	100	4,522	100	34,775	100	252,433	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	61	8	332	8	2,771	9	19,935	9	2.9	2.9	.00	2.9	.05	2.9	.04
		2	Some	190	25	1,096	24	8,800	26	61,637	25							
		3	Quite a bit	284	36	1,682	37	13,130	37	94,877	37							
		4	Very much	253	31	1,404	31	10,061	28	75,705	29							
			Total	788	100	4,514	100	34,762	100	252,154	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	85	11	446	11	3,640	11	26,855	12	2.8	2.8	-.03	2.8	.03	2.8	.03
		2	Some	197	26	1,110	25	9,088	27	64,098	26							
		3	Quite a bit	270	34	1,614	35	12,674	36	91,059	36							
		4	Very much	233	29	1,338	29	9,266	26	69,323	27							
			Total	785	100	4,508	100	34,668	100	251,335	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	269	35	1,447	34	11,836	35	81,397	33	2.1	2.1	.00	2.1	.07	2.1	.03
		2	Some	232	29	1,483	32	11,869	34	86,421	34							
		3	Quite a bit	172	22	964	21	7,026	20	52,648	21							
		4	Very much	112	14	600	13	3,900	11	30,704	12							
			Total	785	100	4,494	100	34,631	100	251,170	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	80	11	514	12	4,235	13	33,310	15	2.9	2.8 *** △	.14	2.7 *** △	.21	2.7 *** △	.24
		2	Some	178	23	1,247	27	9,934	29	69,070	28							
		3	Quite a bit	257	33	1,565	35	12,124	35	87,182	34							
		4	Very much	269	34	1,158	27	8,250	24	60,981	24							
			Total	784	100	4,484	100	34,543	100	250,543	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	160	21	856	20	6,370	19	45,113	19	2.4	2.4	-.02	2.4	-.01	2.4	-.02
		2	Some	267	35	1,583	34	12,641	36	85,994	35							
		3	Quite a bit	203	26	1,268	29	10,029	29	75,206	29							
		4	Very much	146	18	757	17	5,428	16	43,533	17							
			Total	776	100	4,464	100	34,468	100	249,846	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

Seniors

				Frequency Distributions[a]								Statistical Comparisons[b]							
														Your seniors compared with				
				Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015		Texas Tech	Comparison schools		Carnegie Class		NSSE 2014 & 2015	
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]
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 *(Recoded version of* tmprep *created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	7	1	12	0	128	0	934	0	13.8	13.8	.00	15.0 *** ▽	-.13	14.8 ** ▽	-.11
		3	1-5 hrs	153	19	836	19	4,798	14	35,359	15							
		8	6-10 hrs	197	25	1,182	26	8,050	23	59,455	24							
		13	11-15 hrs	142	18	818	18	6,712	19	49,319	19							
		18	16-20 hrs	118	15	709	16	5,941	17	42,928	17							
		23	21-25 hrs	61	8	370	8	3,597	10	26,354	10							
		28	26-30 hrs	43	6	268	6	2,353	7	16,606	6							
		33	More than 30 hrs	64	8	300	7	3,045	9	20,719	8							
			Total	785	100	4,495	100	34,624	100	251,674	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs *(Recoded version of* tmcocurr *created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	296	39	2,076	48	14,694	44	104,104	44	4.2	4.0	.02	4.5	-.05	4.7 * ▽	-.07
		3	1-5 hrs	280	36	1,308	28	10,385	29	72,967	28							
		8	6-10 hrs	116	15	489	10	4,396	13	32,665	12							
		13	11-15 hrs	43	5	272	6	2,211	6	17,432	7							
		18	16-20 hrs	21	3	162	3	1,319	4	11,140	4							
		23	21-25 hrs	7	1	87	2	696	2	5,679	2							
		28	26-30 hrs	4	0	37	1	307	1	2,663	1							
		33	More than 30 hrs	9	1	48	1	418	1	3,625	1							
			Total	776	100	4,479	100	34,426	100	250,275	100							
c. Working for pay **on campus**	tmworkonhrs *(Recoded version of* tmworkon *created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	569	74	3,308	77	23,806	72	171,559	71	4.3	3.7	.07	4.0	.04	3.7 * △	.08
		3	1-5 hrs	21	3	108	2	1,397	4	13,944	5							
		8	6-10 hrs	32	4	179	4	2,559	7	23,706	8							
		13	11-15 hrs	35	5	226	5	2,318	6	16,659	6							
		18	16-20 hrs	77	10	414	8	2,882	7	15,071	6							
		23	21-25 hrs	16	2	103	2	711	2	4,540	2							
		28	26-30 hrs	5	1	45	1	349	1	1,878	1							
		33	More than 30 hrs	21	3	92	2	482	2	3,438	1							
			Total	776	100	4,475	100	34,504	100	250,795	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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NSSE 2015 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 Count	Texas Tech %	Comparison schools Count	Comparison schools %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	Texas Tech Mean	Comparison schools Mean	Comparison schools Effect size [e]	Carnegie Class Mean	Carnegie Class Effect size [e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size [e]
d. Working for pay **off campus** (Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	tmworkoffhrs	0	0 hrs	404	52	1,944	40	15,971	45	113,809	44							
		3	1-5 hrs	29	3	201	4	1,682	5	13,161	5							
		8	6-10 hrs	39	5	250	5	2,185	6	16,244	6							
		13	11-15 hrs	30	4	267	6	2,150	6	16,067	6	10.4	13.4 *** ▽	-.23	11.6 ** ▽	-.10	12.0 *** ▽	-.12
		18	16-20 hrs	75	9	376	9	3,082	9	20,896	8							
		23	21-25 hrs	50	6	337	7	2,357	7	16,021	7							
		28	26-30 hrs	44	6	253	6	1,724	5	12,057	5							
		33	More than 30 hrs	106	14	831	21	5,139	17	41,196	19							
			Total	777	100	4,459	100	34,290	100	249,451	100							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											14.5	17.1 *** ▽	-.19	15.5 * ▽	-.08	15.6 * ▽	-.08
e. Doing community service or volunteer work (Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	tmservicehrs	0	0 hrs	390	52	2,155	50	16,495	50	120,124	50							
		3	1-5 hrs	282	35	1,620	35	12,647	35	89,767	35							
		8	6-10 hrs	52	7	332	7	2,645	8	20,014	8							
		13	11-15 hrs	21	3	144	3	1,044	3	8,276	3							
		18	16-20 hrs	14	2	103	2	663	2	5,115	2	2.8	3.1	-.06	3.0	-.05	3.1	-.06
		23	21-25 hrs	6	1	43	1	297	1	2,278	1							
		28	26-30 hrs	1	0	21	0	163	0	1,114	0							
		33	More than 30 hrs	7	1	33	1	238	1	1,915	1							
			Total	773	100	4,451	100	34,192	100	248,603	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.) (Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	tmrelaxhrs	0	0 hrs	26	4	129	3	968	3	6,929	3							
		3	1-5 hrs	201	25	1,413	31	9,476	27	69,902	28							
		8	6-10 hrs	254	32	1,233	27	9,829	28	70,330	28							
		13	11-15 hrs	128	17	753	17	6,206	18	44,672	18							
		18	16-20 hrs	83	11	471	10	3,867	11	28,054	11	10.8	10.2	.06	10.8	-.01	10.7	.00
		23	21-25 hrs	37	5	220	5	1,782	5	13,231	5							
		28	26-30 hrs	14	2	84	2	794	2	6,214	2							
		33	More than 30 hrs	35	5	168	4	1,445	5	10,357	4							
			Total	778	100	4,471	100	34,367	100	249,689	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 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 Count	Texas Tech %	Comparison schools Count	Comparison schools %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	Texas Tech Mean	Comparison schools Mean	Comparison schools Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
g. Providing care for dependents (children, parents, etc.) *(Recoded version of* tmcare *created by NSSE. Values are estimated number of hours per week.)*	tmcarehrs	0	0 hrs	559	71	2,687	59	22,331	63	160,627	62							
		3	1-5 hrs	60	8	518	12	3,840	12	27,019	11							
		8	6-10 hrs	25	3	233	5	1,844	6	12,928	6							
		13	11-15 hrs	24	3	185	5	1,152	4	8,012	3							
		18	16-20 hrs	25	3	137	3	956	3	6,906	3	4.9	6.9 *** ▽	-.18	5.9 * ▽	-.09	6.4 *** ▽	-.13
		23	21-25 hrs	9	1	82	2	521	2	3,887	2							
		28	26-30 hrs	15	2	62	1	411	1	3,099	1							
		33	More than 30 hrs	63	8	557	12	3,254	10	26,896	12							
			Total	780	100	4,461	100	34,309	100	249,374	100							
h. Commuting to campus (driving, walking, etc.) *(Recoded version of* tmcommute *created by NSSE. Values are estimated number of hours per week.)*	tmcommutehrs	0	0 hrs	89	12	488	11	4,381	13	52,297	19							
		3	1-5 hrs	540	68	2,551	53	20,328	57	134,719	53							
		8	6-10 hrs	106	14	901	23	6,404	19	40,285	17							
		13	11-15 hrs	29	4	289	8	1,797	6	12,254	5							
		18	16-20 hrs	11	1	133	4	746	2	5,005	2	4.2	5.9 *** ▽	-.30	5.2 *** ▽	-.17	4.8 *** ▽	-.11
		23	21-25 hrs	3	0	48	1	335	1	2,214	1							
		28	26-30 hrs	1	0	24	1	177	1	1,131	1							
		33	More than 30 hrs	5	1	50	1	321	1	2,646	1							
			Total	784	100	4,484	100	34,489	100	250,551	100							

16. Of the time you spend preparing for class in a typical 7-day week, about how much is on *assigned reading*?

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	Texas Tech %	Comparison schools Count	Comparison schools %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	Texas Tech Mean	Comparison schools Mean	Comparison schools Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
	reading	1	Very little	127	17	663	15	4,809	14	29,953	12							
		2	Some	210	27	1,197	27	8,951	26	63,766	26							
		3	About half	208	26	1,210	27	8,958	26	69,020	28	2.8	2.8	-.04	2.9 * ▽	-.09	2.9 *** ▽	-.14
		4	Most	170	22	969	21	7,990	23	60,494	24							
		5	Almost all	67	8	424	9	3,690	10	26,798	10							
			Total	782	100	4,463	100	34,398	100	250,031	100							
(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)*	tmreadinghrs											6.2	6.5	-.06	7.2 *** ▽	-.17	7.4 *** ▽	-.19

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
Texas Tech University

Seniors

					Frequency Distributions[a]								Statistical Comparisons[b]							
															Your seniors compared with					
					Texas Tech		Comparison schools		Carnegie Class		NSSE 2014 & 2015		Texas Tech	Comparison schools		Carnegie Class		NSSE 2014 & 2015	
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]*
	tmreadinghrscol	1	0 hrs		7	1	10	0	118	0	873	0							
	(Collapsed version of tmreadinghrs *created by NSSE.)*	2	More than zero, up to 5 hrs		405	52	2,359	53	15,746	47	111,266	46							
		3	More than 5, up to 10 hrs		229	30	1,196	27	10,189	29	74,846	30							
		4	More than 10, up to 15 hrs		69	9	409	9	3,695	11	27,710	11							
		5	More than 15, up to 20 hrs		35	4	224	5	2,099	6	16,405	6							
		6	More than 20, up to 25 hrs		21	3	162	4	1,593	5	12,239	5							
		7	More than 25 hrs		9	1	79	2	736	2	5,301	2							
			Total		775	100	4,439	100	34,176	100	248,640	100							

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

					Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
a. Writing clearly and effectively	pgwrite	1	Very little		71	9	319	8	2,533	8	14,623	6							
		2	Some		174	22	937	21	7,828	23	50,445	21							
		3	Quite a bit		291	37	1,606	35	12,402	36	90,394	36	2.9	3.0 * ▽	-.08	3.0	-.06	3.0 *** ▽	-.15
		4	Very much		251	31	1,640	36	11,796	34	95,649	38							
			Total		787	100	4,502	100	34,559	100	251,111	100							
b. Speaking clearly and effectively	pgspeak	1	Very little		78	10	400	10	3,099	9	18,548	8							
		2	Some		186	24	985	22	8,539	24	55,120	23							
		3	Quite a bit		258	33	1,604	35	12,296	35	90,263	36	2.9	2.9	-.02	2.9	.01	2.9	-.07
		4	Very much		262	33	1,485	33	10,502	31	86,304	34							
			Total		784	100	4,474	100	34,436	100	250,235	100							
c. Thinking critically and analytically	pgthink	1	Very little		35	5	131	3	988	3	6,101	3							
		2	Some		108	14	594	14	4,580	14	30,760	13							
		3	Quite a bit		268	34	1,645	36	12,309	35	88,424	35	3.2	3.3	-.03	3.3	-.05	3.3 * ▽	-.08
		4	Very much		374	47	2,117	47	16,555	48	124,805	49							
			Total		785	100	4,487	100	34,432	100	250,090	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little		87	11	412	9	3,581	10	28,860	11							
		2	Some		186	23	1,086	24	8,660	25	66,881	26							
		3	Quite a bit		258	34	1,490	33	10,969	32	77,488	31	2.9	2.9	-.04	2.9	.01	2.8	.05
		4	Very much		254	33	1,496	34	11,179	33	76,792	32							
			Total		785	100	4,484	100	34,389	100	250,021	100							

*$p<.05$, **$p<.01$, ***$p<.001$ (2-tailed); Refer to p. 2 for key to triangle symbols.

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name [c]	Values [d]	Response options	Texas Tech Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size [e]	Carnegie Class Mean	Effect size [e]	NSSE 2014 & 2015 Mean	Effect size [e]
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	94	12	418	10	3,372	10	21,269	9							
		2	Some	151	20	957	22	8,053	24	56,272	23							
		3	Quite a bit	236	30	1,445	31	11,172	32	81,752	32	2.9	2.9	-.01	2.9	.04	2.9	-.01
		4	Very much	306	38	1,660	37	11,861	34	91,137	36							
			Total	787	100	4,480	100	34,458	100	250,430	100							
f. Working effectively with others	pgothers	1	Very little	54	7	268	6	2,026	6	12,359	6							
		2	Some	155	20	964	23	7,641	22	50,872	21							
		3	Quite a bit	262	34	1,510	33	12,474	36	91,170	36	3.0	3.0	.02	3.0	.05	3.1	-.01
		4	Very much	313	39	1,741	38	12,235	35	95,393	37							
			Total	784	100	4,483	100	34,376	100	249,794	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	124	16	638	16	4,694	14	28,333	13							
		2	Some	168	22	1,106	25	8,818	26	60,383	25							
		3	Quite a bit	254	32	1,302	28	10,417	30	78,581	31	2.7	2.8	-.01	2.7	.00	2.8 *	-.07
		4	Very much	239	30	1,440	32	10,486	30	82,818	32						▽	
			Total	785	100	4,486	100	34,415	100	250,115	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	106	14	524	12	4,259	13	26,312	11							
		2	Some	194	25	1,105	25	9,548	27	66,316	27							
		3	Quite a bit	253	32	1,345	29	10,818	31	79,721	31	2.7	2.8 *	-.09	2.8	-.02	2.8 *	-.07
		4	Very much	232	28	1,514	34	9,811	29	77,915	31		▽				▽	
			Total	785	100	4,488	100	34,436	100	250,264	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	88	11	478	12	3,637	11	24,206	10							
		2	Some	191	25	1,166	26	9,386	27	66,786	27							
		3	Quite a bit	259	32	1,448	31	11,638	33	85,233	34	2.8	2.8	.03	2.8	.05	2.8	.02
		4	Very much	248	32	1,396	31	9,769	29	73,838	29							
			Total	786	100	4,488	100	34,430	100	250,063	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	118	16	706	17	5,266	16	32,578	14							
		2	Some	205	27	1,301	29	10,551	30	72,109	29							
		3	Quite a bit	247	31	1,304	28	10,450	30	78,417	31	2.7	2.6	.05	2.6	.05	2.7	-.02
		4	Very much	207	26	1,166	26	7,978	24	65,812	26							
			Total	777	100	4,477	100	34,245	100	248,916	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 FREQUENCIES AND STATISTICAL COMPARISONS • 17

NSSE national survey of student engagement

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Texas Tech Count	%	Comparison schools Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	Texas Tech Mean	Comparison schools Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	27	4	124	4	897	3	5,497	2							
		2	Fair	81	11	455	11	4,124	12	26,912	11							
		3	Good	329	41	2,045	44	15,858	46	111,119	45	**3.3**	3.2	.06	3.2	.07	3.2	.02
		4	Excellent	353	44	1,874	41	13,716	39	107,808	41							
			Total	790	100	4,498	100	34,595	100	251,336	100							
19. If you could start over again, would you go to the *same institution* you are now attending?																		
	sameinst	1	Definitely no	43	5	187	5	1,683	5	11,847	5							
		2	Probably no	83	11	498	12	4,482	13	32,339	13							
		3	Probably yes	260	33	1,735	38	13,504	39	96,986	39	**3.3**	3.2	.07	3.2 **	.12	3.2 **	.11
		4	Definitely yes	407	51	2,084	45	14,965	43	110,450	43				△		△	
			Total	793	100	4,504	100	34,634	100	251,622	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 FREQUENCIES AND STATISTICAL COMPARISONS • 18

NSSE national survey of student engagement

First-Year Students

Variable Name	N Texas Tech	Mean Texas Tech	Mean Comparison schools	Mean Carnegie Class	Mean NSSE 2014 & 2015	Std error Texas Tech	Std error Comparison schools	Std error Carnegie Class	Std error NSSE 2014 & 2015	Std dev Texas Tech	Std dev Comparison schools	Std dev Carnegie Class	Std dev NSSE 2014 & 2015	DF Comparison schools	DF Carnegie Class	DF NSSE 2014 & 2015	Sig Comparison schools	Sig Carnegie Class	Sig NSSE 2014 & 2015	Effect Comparison schools	Effect Carnegie Class	Effect NSSE 2014 & 2015
1 a. askquest	424	2.61	2.70	2.78	2.89	.040	.021	.008	.003	.82	.85	.86	.86	2,124	12,180	78,466	.057	.000	.000	-.10	-.19	-.32
b. drafts	421	2.09	2.47	2.50	2.55	.045	.025	.009	.004	.92	1.01	1.00	.99	698	457	425	.000	.000	.000	-.38	-.41	-.47
c. unpreparedr	420	2.96	2.88	2.95	3.02	.041	.020	.007	.003	.84	.82	.79	.78	2,086	12,024	423	.056	.710	.186	.10	.02	-.07
d. attendart	413	1.94	2.03	1.95	1.99	.045	.023	.009	.003	.92	.94	.93	.95	2,063	11,932	77,024	.091	.975	.362	-.09	.00	-.04
e. CLaskhelp	414	2.59	2.58	2.61	2.58	.044	.022	.008	.003	.90	.90	.88	.89	2,056	11,880	76,740	.839	.538	.926	.01	-.03	.00
f. CLexplain	410	2.70	2.74	2.75	2.72	.041	.020	.008	.003	.83	.82	.82	.83	2,037	11,730	75,524	.398	.176	.549	-.05	-.07	-.03
g. CLstudy	409	2.52	2.50	2.57	2.55	.049	.025	.009	.004	.99	.99	.96	.97	2,027	11,708	75,508	.778	.261	.524	.02	-.06	-.03
h. CLproject	406	2.54	2.55	2.64	2.64	.042	.023	.008	.003	.85	.90	.86	.87	2,014	11,622	75,053	.869	.025	.025	-.01	-.11	-.11
i. present	398	1.96	2.12	2.24	2.30	.046	.024	.008	.003	.91	.94	.89	.91	1,987	11,522	401	.003	.000	.000	-.17	-.30	-.37
2 a. RIintegrate	379	2.59	2.68	2.68	2.69	.043	.022	.008	.003	.84	.87	.85	.86	1,916	11,189	72,692	.050	.047	.016	-.11	-.10	-.12
b. RIsocietal	375	2.42	2.60	2.59	2.64	.046	.023	.008	.003	.89	.89	.88	.88	1,899	11,065	71,837	.000	.000	.000	-.20	-.20	-.25
c. RIdiverse	373	2.38	2.58	2.55	2.60	.046	.023	.009	.003	.89	.90	.90	.90	1,898	11,044	71,810	.000	.001	.000	-.23	-.18	-.24
d. RIownview	370	2.63	2.82	2.77	2.80	.043	.021	.008	.003	.83	.83	.83	.83	1,889	10,988	71,519	.000	.001	.000	-.23	-.17	-.21
e. RIperspect	367	2.77	2.92	2.87	2.90	.043	.022	.008	.003	.82	.84	.83	.82	1,879	10,958	71,344	.002	.017	.002	-.18	-.13	-.16
f. RInewview	363	2.65	2.86	2.84	2.87	.041	.022	.008	.003	.78	.84	.82	.81	1,870	10,923	71,109	.000	.000	.000	-.25	-.23	-.27
g. RIconnect	360	2.90	3.08	3.06	3.09	.041	.021	.008	.003	.78	.80	.78	.78	1,864	10,865	70,781	.000	.000	.000	-.22	-.21	-.24
3 a. SFcareer	364	2.15	2.27	2.18	2.23	.044	.024	.009	.003	.84	.93	.91	.92	594	392	367	.014	.477	.086	-.14	-.04	-.08
b. SFotherwork	364	1.65	1.78	1.72	1.75	.042	.025	.009	.003	.81	.95	.91	.93	632	396	368	.009	.117	.021	-.14	-.08	-.11
c. SFdiscuss	364	1.90	1.99	1.98	2.03	.047	.024	.009	.003	.89	.91	.89	.91	1,850	10,819	70,578	.097	.081	.010	-.10	-.09	-.14
d. SFperform	362	2.04	2.13	2.09	2.15	.046	.024	.009	.003	.87	.92	.88	.90	1,848	10,785	70,345	.087	.264	.016	-.10	-.06	-.13
4 a. memorize	359	2.95	3.02	3.00	2.97	.043	.021	.008	.003	.82	.82	.82	.83	1,855	10,832	70,560	.158	.270	.613	-.08	-.06	-.03
b. HOapply	359	2.94	2.95	2.98	2.99	.045	.022	.008	.003	.86	.84	.82	.82	1,846	10,770	361	.758	.290	.206	-.02	-.06	-.07
c. HOanalyze	354	2.88	2.96	2.97	3.00	.047	.022	.008	.003	.87	.83	.83	.83	517	375	356	.113	.045	.010	-.10	-.11	-.15
d. HOevaluate	357	2.79	2.91	2.91	2.95	.045	.022	.008	.003	.85	.85	.84	.83	1,835	10,726	360	.020	.014	.001	-.14	-.13	-.19
e. HOform	351	2.85	2.88	2.88	2.92	.046	.022	.008	.003	.86	.86	.86	.85	1,831	10,691	69,703	.547	.536	.106	-.04	-.03	-.09
5 a. ETgoals	359	3.04	3.18	3.10	3.15	.040	.020	.008	.003	.76	.77	.78	.78	551	385	362	.001	.155	.007	-.19	-.07	-.14
b. ETorganize	358	3.02	3.13	3.06	3.10	.041	.020	.008	.003	.79	.78	.78	.79	1,847	10,768	70,155	.012	.343	.047	-.15	-.05	-.11
c. ETexample	359	3.00	3.07	3.05	3.10	.042	.022	.008	.003	.79	.84	.83	.83	570	386	362	.114	.195	.020	-.09	-.07	-.12
d. ETdraftfb	357	2.54	2.79	2.79	2.88	.049	.025	.009	.004	.92	.96	.93	.93	1,845	10,730	69,907	.000	.000	.000	-.27	-.27	-.37
e. ETfeedback	358	2.56	2.72	2.70	2.81	.049	.025	.009	.003	.93	.96	.92	.92	1,834	10,692	69,658	.006	.004	.000	-.16	-.16	-.27

NSSE 2015 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[j] Comparisons with:			Significance[k] Comparisons with:			Effect size[e] Comparisons with:		
	Texas Tech	Texas Tech	Comparison schools	Carnegie Class	NSSE 2014 & 2015	Texas Tech	Comparison schools	Carnegie Class	NSSE 2014 & 2015	Texas Tech	Comparison schools	Carnegie Class	NSSE 2014 & 2015	Comparison schools	Carnegie Class	NSSE 2014 & 2015	Comparison schools	Carnegie Class	NSSE 2014 & 2015	Comparison schools	Carnegie Class	NSSE 2014 & 2015
6 a. QRconclude	361	2.66	2.66	2.61	2.58	.049	.025	.009	.004	.93	.95	.93	.94	1,850	10,788	70,247	.981	.331	.122	.00	.05	.08
b. QRproblem	357	2.37	2.31	2.31	2.31	.051	.025	.009	.004	.97	.98	.95	.95	1,847	10,769	70,079	.359	.256	.267	.05	.06	.06
c. QRevaluate	358	2.31	2.32	2.31	2.30	.049	.025	.009	.004	.93	.95	.92	.93	1,839	10,720	69,758	.939	.978	.728	.00	.00	.02
7 a. wrshortnum	320	4.92	5.94	6.81	6.86	.289	.147	.059	.023	5.17	5.40	5.75	5.76	1,664	346	323	.002	.000	.000	-.19	-.33	-.34
b. wrmednum	303	1.28	1.63	2.21	2.17	.203	.078	.032	.012	3.54	2.83	3.05	2.99	1,604	9,500	62,048	.071	.000	.000	-.12	-.30	-.30
c. wrlongnum	298	.90	.70	.83	.83	.202	.072	.028	.011	3.49	2.56	2.63	2.61	375	308	299	.344	.708	.711	.07	.03	.03
— wrpages	295	37.59	39.60	48.26	48.03	5.022	1.707	.639	.244	86.19	60.77	59.99	59.40	364	303	295	.704	.036	.039	-.03	-.18	-.18
8 a. DDrace	325	3.01	3.26	3.07	3.11	.051	.023	.009	.004	.93	.85	.92	.92	1,679	9,923	65,077	.000	.208	.034	-.29	-.07	-.12
b. DDeconomic	322	3.03	3.18	3.07	3.10	.052	.023	.009	.004	.93	.86	.89	.89	1,669	9,898	64,880	.005	.413	.190	-.17	-.05	-.07
c. DDreligion	322	2.95	3.12	3.01	3.02	.053	.025	.010	.004	.96	.91	.95	.95	1,669	9,886	64,767	.004	.294	.174	-.18	-.06	-.08
d. DDpolitical	319	2.91	3.08	2.98	2.98	.054	.025	.010	.004	.96	.93	.94	.95	1,655	9,830	64,455	.004	.202	.192	-.18	-.07	-.07
9 a. LSreading	315	2.95	3.12	3.12	3.17	.046	.021	.008	.003	.82	.78	.78	.77	1,660	9,844	64,636	.001	.000	.000	-.21	-.21	-.28
b. LSnotes	317	2.89	2.89	2.89	2.94	.048	.025	.009	.004	.85	.92	.90	.90	508	9,814	64,423	.919	.943	.393	.01	.00	-.05
c. LSsummary	313	2.68	2.78	2.80	2.86	.055	.025	.009	.004	.97	.93	.91	.90	455	331	315	.104	.035	.002	-.11	-.13	-.19
10. challenge	316	5.53	5.43	5.52	5.55	.062	.031	.012	.005	1.11	1.15	1.14	1.14	1,655	9,815	64,414	.160	.818	.738	.09	.01	-.02
11 a. intern[l]	315	.105	.095	.090	.089	.0173	.0080	.0029	.0011	--	--	--	--	--	--	--	.599	.374	.347	.03	.05	.05
b. leader[l]	313	.110	.125	.123	.121	.0177	.0091	.0034	.0013	--	--	--	--	--	--	--	.470	.480	.548	-.05	-.04	-.03
c. learncom[l]	314	.221	.133	.198	.156	.0234	.0093	.0041	.0014	--	--	--	--	--	--	--	.000	.316	.002	.23	.06	.17
d. abroad[l]	314	.047	.039	.034	.038	.0119	.0053	.0019	.0008	--	--	--	--	--	--	--	.540	.237	.416	.04	.06	.04
e. research[l]	312	.043	.065	.057	.057	.0115	.0068	.0024	.0009	--	--	--	--	--	--	--	.146	.305	.282	-.10	-.06	-.07
f. capstone[l]	315	.032	.040	.031	.032	.0099	.0053	.0018	.0007	--	--	--	--	--	--	--	.527	.922	.985	-.04	.01	.00
12. servcourse	309	1.63	1.54	1.56	1.61	.039	.019	.007	.003	.68	.68	.65	.67	1,617	9,628	63,227	.054	.093	.679	.12	.10	.02
13 a. QIstudent	315	5.32	5.46	5.51	5.54	.084	.039	.014	.006	1.49	1.43	1.38	1.40	1,645	9,744	63,806	.106	.016	.006	-.10	-.14	-.16
b. QIadvisor	313	5.20	5.14	5.04	5.13	.098	.047	.018	.007	1.74	1.69	1.73	1.71	1,628	9,510	62,519	.611	.111	.460	.03	.09	.04
c. QIfaculty	310	5.19	5.11	5.13	5.25	.087	.042	.015	.006	1.53	1.52	1.48	1.47	1,619	9,602	62,986	.389	.455	.472	.05	.04	-.04
d. QIstaff	303	4.99	4.89	4.85	4.94	.096	.049	.018	.007	1.67	1.72	1.70	1.71	1,523	8,775	57,416	.380	.144	.587	.06	.09	.03
e. QIadmin	297	4.86	4.75	4.72	4.84	.100	.050	.018	.007	1.73	1.76	1.72	1.73	1,542	8,956	59,506	.335	.187	.883	.06	.08	.01
14 a. empstudy	288	3.01	3.16	3.20	3.21	.046	.022	.008	.003	.77	.76	.75	.75	1,500	9,068	290	.002	.000	.000	-.20	-.26	-.26
b. SEacademic	287	3.00	3.11	3.08	3.11	.050	.025	.009	.003	.85	.85	.85	.84	1,485	9,003	59,239	.041	.105	.022	-.13	-.10	-.14
c. SElearnsup	286	2.96	3.20	3.11	3.14	.053	.025	.010	.004	.90	.87	.89	.88	1,487	9,005	59,232	.000	.005	.000	-.27	-.17	-.21

NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics[g]
Texas Tech University

First-Year Students

Variable Name	N Texas Tech	Mean Texas Tech	Mean Comparison schools	Mean Carnegie Class	Mean NSSE 2014 & 2015	Std error[h] Texas Tech	Std error Comparison schools	Std error Carnegie Class	Std error NSSE 2014 & 2015	Std dev[i] Texas Tech	Std dev Comparison schools	Std dev Carnegie Class	Std dev NSSE 2014 & 2015	DF[j] Comparison schools	DF Carnegie Class	DF NSSE 2014 & 2015	Sig[k] Comparison schools	Sig Carnegie Class	Sig NSSE 2014 & 2015	Effect size[e] Comparison schools	Effect size Carnegie Class	Effect size NSSE 2014 & 2015
d. SEdiverse	286	2.65	2.87	2.71	2.76	.056	.028	.011	.004	.96	.97	.99	.98	1,488	9,015	59,298	.001	.268	.049	-.23	-.07	-.12
e. SEsocial	287	2.95	3.08	3.01	3.02	.051	.025	.009	.004	.87	.87	.89	.89	1,488	9,007	59,246	.020	.228	.170	-.15	-.07	-.08
f. SEwellness	287	2.94	3.08	2.98	2.99	.052	.026	.010	.004	.88	.88	.90	.91	1,484	8,977	59,024	.017	.431	.365	-.16	-.05	-.05
g. SEnonacad	285	2.39	2.47	2.38	2.41	.056	.029	.011	.004	.95	1.00	1.00	1.00	1,481	8,969	58,991	.188	.890	.678	-.09	.01	-.02
h. SEactivities	283	3.03	3.02	2.91	2.89	.050	.026	.010	.004	.84	.91	.92	.95	1,477	304	285	.890	.026	.008	.01	.12	.14
i. SEevents	285	2.47	2.64	2.57	2.60	.054	.028	.010	.004	.91	.98	.97	.98	454	305	287	.007	.065	.022	-.17	-.11	-.13
15 a. tmprephrs	285	15.29	12.82	14.46	14.13	.512	.232	.091	.035	8.64	8.05	8.51	8.41	409	9,002	59,149	.000	.103	.020	.30	.10	.14
b. tmcocurrhrs	285	6.17	5.45	5.27	5.36	.394	.200	.071	.028	6.65	6.93	6.64	6.77	1,481	8,942	58,782	.113	.025	.044	.10	.13	.12
c. tmworkonhrs	286	2.36	2.58	2.43	2.37	.362	.178	.062	.023	6.12	6.18	5.78	5.55	1,485	8,979	59,009	.579	.839	.974	-.04	-.01	.00
d. tmworkoffhrs	284	3.66	4.82	4.45	5.10	.457	.260	.094	.040	7.71	9.01	8.74	9.56	484	307	287	.028	.090	.002	-.13	-.09	-.15
— tmworkhrs	284	5.97	7.29	6.81	7.38	.665	.326	.114	.046	11.20	11.23	10.63	11.10	1,471	8,898	58,439	.075	.192	.033	-.12	-.08	-.13
e. tmservicehrs	281	3.44	2.48	2.32	2.40	.333	.130	.047	.019	5.58	4.49	4.40	4.51	371	292	282	.007	.001	.002	.20	.25	.23
f. tmrelaxhrs	283	12.72	12.49	12.72	12.37	.512	.245	.092	.036	8.61	8.50	8.54	8.61	1,480	8,896	58,598	.679	.991	.486	.03	.00	.04
g. tmcarehrs	280	1.90	2.46	2.42	3.14	.354	.176	.068	.031	5.93	6.06	6.33	7.60	1,469	8,897	284	.163	.180	.001	-.09	-.08	-.16
h. tmcommutehrs	280	4.26	4.42	4.12	3.74	.419	.169	.060	.023	7.01	5.83	5.60	5.55	1,473	290	281	.690	.731	.214	-.03	.03	.09
16. reading	281	2.48	2.68	2.72	2.84	.059	.032	.012	.005	1.00	1.09	1.12	1.11	1,463	304	58,395	.006	.000	.000	-.18	-.21	-.33
— tmreadinghrs	278	6.21	5.67	6.51	6.80	.336	.155	.063	.025	5.61	5.31	5.85	5.96	1,455	8,823	58,062	.131	.400	.098	.10	-.05	-.10
17 a. pgwrite	285	2.32	2.85	2.81	2.88	.054	.027	.010	.004	.91	.92	.92	.90	1,479	8,938	58,852	.000	.000	.000	-.58	-.54	-.63
b. pgspeak	284	2.41	2.67	2.63	2.71	.054	.027	.010	.004	.91	.95	.95	.94	1,473	8,906	58,638	.000	.000	.000	-.27	-.23	-.32
c. pgthink	285	2.86	3.03	3.05	3.09	.051	.025	.009	.003	.87	.85	.83	.83	1,474	8,904	58,639	.003	.000	.000	-.20	-.24	-.28
d. pganalyze	283	2.62	2.64	2.64	2.62	.056	.028	.010	.004	.94	.98	.97	.98	1,469	8,888	58,551	.782	.753	.913	-.02	-.02	.01
e. pgwork	285	2.63	2.62	2.58	2.62	.054	.029	.011	.004	.92	1.00	.98	.98	457	305	287	.853	.348	.781	.01	.05	.02
f. pgothers	285	2.67	2.81	2.79	2.85	.056	.027	.010	.004	.94	.92	.90	.90	1,468	8,887	286	.033	.030	.003	-.14	-.13	-.19
g. pgvalues	285	2.54	2.64	2.63	2.71	.059	.029	.011	.004	.99	1.00	.99	.98	1,469	8,884	58,550	.119	.123	.004	-.10	-.09	-.17
h. pgdiverse	285	2.54	2.78	2.69	2.76	.056	.028	.010	.004	.94	.96	.97	.97	1,473	8,890	58,604	.000	.007	.000	-.26	-.16	-.23
i. pgprobsolve	284	2.51	2.59	2.58	2.62	.058	.028	.010	.004	.98	.97	.95	.95	1,471	8,886	58,548	.216	.207	.047	-.08	-.08	-.12
j. pgcitizen	283	2.48	2.60	2.57	2.62	.058	.028	.010	.004	.98	.97	.97	.97	1,463	8,851	58,267	.049	.133	.012	-.13	-.09	-.15
18. evalexp	282	3.22	3.22	3.18	3.20	.042	.021	.008	.003	.70	.71	.72	.72	1,475	8,957	58,939	.967	.333	.620	.00	.06	.03
19. sameinst	284	3.24	3.23	3.21	3.21	.048	.024	.009	.003	.81	.81	.80	.81	1,476	8,961	58,972	.838	.619	.546	.01	.03	.04

NSSE national survey of student engagement

Seniors

Variable Name	N: Texas Tech	Mean: Texas Tech	Mean: Comparison schools	Mean: Carnegie Class	Mean: NSSE 2014 & 2015	SE: Texas Tech	SE: Comparison schools	SE: Carnegie Class	SE: NSSE 2014 & 2015	SD: Texas Tech	SD: Comparison schools	SD: Carnegie Class	SD: NSSE 2014 & 2015	df: Comparison schools	df: Carnegie Class	df: NSSE 2014 & 2015	Sig: Comparison schools	Sig: Carnegie Class	Sig: NSSE 2014 & 2015	ES: Comparison schools	ES: Carnegie Class	ES: NSSE 2014 & 2015
1 a. askquest	1,078	2.93	3.00	3.07	3.16	.027	.013	.005	.002	.90	.91	.88	.86	5,708	29,603	170,552	.024	.000	.000	-.08	-.16	-.27
b. drafts	1,067	2.31	2.43	2.41	2.45	.031	.015	.006	.003	1.01	1.03	1.02	1.03	1,628	1,151	1,080	.000	.002	.000	-.12	-.09	-.14
c. unpreparedr	1,062	2.95	2.91	2.93	2.97	.025	.012	.005	.002	.80	.83	.82	.81	1,631	29,220	168,621	.112	.265	.441	.05	.03	-.02
d. attendart	1,054	1.83	1.76	1.83	1.87	.028	.013	.005	.002	.92	.89	.92	.93	5,575	29,067	167,798	.013	.994	.235	.08	.00	-.04
e. CLaskhelp	1,035	2.41	2.46	2.44	2.43	.029	.014	.005	.002	.93	.91	.90	.90	5,528	28,994	167,477	.115	.258	.598	-.05	-.04	-.02
f. CLexplain	1,037	2.74	2.76	2.77	2.77	.027	.013	.005	.002	.85	.85	.85	.85	5,514	28,695	165,577	.494	.283	.298	-.02	-.03	-.03
g. CLstudy	1,031	2.48	2.49	2.50	2.49	.032	.015	.006	.002	1.03	1.01	1.01	1.00	5,500	28,642	165,460	.724	.414	.601	-.01	-.03	-.02
h. CLproject	1,029	2.83	2.87	2.87	2.90	.029	.014	.006	.002	.94	.92	.92	.91	5,454	28,532	1,040	.175	.187	.017	-.05	-.04	-.08
i. present	1,000	2.58	2.57	2.64	2.73	.032	.015	.006	.002	1.02	.99	.97	.97	5,369	1,067	1,011	.766	.058	.000	.01	-.06	-.16
2 a. RIintegrate	977	2.98	3.01	3.01	3.02	.029	.013	.005	.002	.89	.86	.84	.84	1,416	1,040	986	.430	.407	.140	-.03	-.03	-.05
b. RIsocietal	965	2.67	2.76	2.80	2.87	.031	.014	.006	.002	.95	.94	.92	.90	5,192	1,030	974	.006	.000	.000	-.10	-.15	-.23
c. RIdiverse	963	2.42	2.54	2.59	2.69	.031	.015	.006	.002	.98	1.01	.98	.96	1,464	27,350	159,077	.000	.000	.000	-.12	-.18	-.28
d. RIownview	956	2.74	2.81	2.83	2.88	.029	.014	.005	.002	.89	.88	.86	.85	5,165	1,022	965	.015	.002	.000	-.09	-.11	-.17
e. RIperspect	950	2.82	2.95	2.93	2.97	.028	.013	.005	.002	.87	.86	.85	.83	1,397	1,015	959	.000	.000	.000	-.14	-.13	-.18
f. RInewview	948	2.83	2.93	2.94	2.97	.027	.013	.005	.002	.83	.83	.82	.81	5,124	1,015	958	.000	.000	.000	-.13	-.13	-.18
g. RIconnect	941	3.13	3.22	3.22	3.25	.027	.012	.005	.002	.81	.77	.76	.75	5,109	26,996	157,124	.002	.001	.000	-.11	-.11	-.16
3 a. SFcareer	942	2.30	2.32	2.36	2.43	.032	.015	.006	.002	.99	.98	.98	.99	5,107	27,025	157,588	.594	.099	.000	-.02	-.05	-.13
b. SFotherwork	940	1.85	1.86	1.92	1.95	.033	.016	.006	.003	1.00	1.02	1.02	1.04	5,091	26,918	156,974	.763	.026	.003	-.01	-.07	-.10
c. SFdiscuss	939	2.11	2.11	2.17	2.21	.032	.015	.006	.002	.97	.97	.96	.98	5,082	26,902	156,834	.971	.067	.001	.00	-.06	-.11
d. SFperform	933	2.16	2.15	2.17	2.23	.031	.014	.006	.002	.93	.93	.93	.94	5,071	26,806	156,405	.845	.718	.016	.01	-.01	-.08
4 a. memorize	937	2.76	2.85	2.80	2.77	.030	.014	.006	.002	.93	.90	.91	.91	1,357	26,923	156,877	.007	.163	.848	-.10	-.05	-.01
b. HOapply	936	3.11	3.13	3.14	3.15	.028	.013	.005	.002	.85	.83	.81	.80	5,067	26,795	156,163	.454	.273	.115	-.03	-.04	-.05
c. HOanalyze	924	3.09	3.08	3.09	3.12	.028	.013	.005	.002	.84	.86	.85	.83	5,045	26,730	155,781	.773	.989	.260	.01	.00	-.04
d. HOevaluate	928	2.89	2.94	2.92	2.99	.030	.014	.006	.002	.90	.90	.90	.87	5,045	26,712	937	.140	.400	.001	-.05	-.03	-.11
e. HOform	925	2.89	2.98	2.95	3.01	.030	.014	.005	.002	.91	.88	.87	.86	1,339	987	934	.006	.044	.000	-.10	-.07	-.13
5 a. ETgoals	929	3.10	3.19	3.16	3.20	.028	.012	.005	.002	.84	.80	.79	.78	5,079	26,898	156,851	.003	.038	.000	-.11	-.07	-.12
b. ETorganize	924	3.00	3.12	3.11	3.14	.028	.013	.005	.002	.87	.83	.80	.79	5,062	26,819	156,384	.000	.000	.000	-.14	-.13	-.18
c. ETexample	919	3.07	3.14	3.13	3.16	.029	.013	.005	.002	.87	.84	.83	.83	5,045	26,763	156,033	.038	.052	.002	-.08	-.07	-.10
d. ETdraftfb	925	2.63	2.72	2.72	2.81	.033	.016	.006	.002	1.00	1.01	.98	.98	5,045	26,724	934	.019	.011	.000	-.09	-.09	-.18
e. ETfeedback	917	2.69	2.83	2.83	2.89	.033	.015	.006	.002	1.00	.95	.92	.91	1,304	971	925	.000	.000	.000	-.15	-.15	-.23

NSSE 2015 Frequencies and Statistical Comparisons
Detailed Statistics[g]
Texas Tech University

Seniors

Variable Name	N Texas Tech	Mean Texas Tech	Mean Comparison schools	Mean Carnegie Class	Mean NSSE 2014 & 2015	Std error Texas Tech	Std error Comparison schools	Std error Carnegie Class	Std error NSSE 2014 & 2015	Std dev Texas Tech	Std dev Comparison schools	Std dev Carnegie Class	Std dev NSSE 2014 & 2015	df Comparison schools	df Carnegie Class	df NSSE 2014 & 2015	Sig Comparison schools	Sig Carnegie Class	Sig NSSE 2014 & 2015	Effect Comparison schools	Effect Carnegie Class	Effect NSSE 2014 & 2015
6 a. QRconclude	929	2.65	2.71	2.68	2.66	.032	.015	.006	.002	.99	.98	.97	.97	5,060	26,867	156,586	.056	.261	.703	-.07	-.04	-.01
b. QRproblem	927	2.40	2.46	2.45	2.45	.033	.016	.006	.003	1.01	1.01	1.00	.99	5,049	26,823	156,260	.095	.174	.159	-.06	-.05	-.05
c. QRevaluate	923	2.39	2.45	2.45	2.45	.032	.015	.006	.002	.97	.99	.97	.97	5,029	26,728	155,781	.112	.068	.077	-.06	-.06	-.06
7 a. wrshortnum	836	5.55	6.22	7.12	7.72	.196	.100	.043	.018	5.68	6.04	6.50	6.75	1,302	915	849	.002	.000	.000	-.11	-.24	-.32
b. wrmednum	828	2.47	2.79	3.27	3.59	.133	.063	.027	.012	3.83	3.77	4.08	4.30	4,436	896	840	.029	.000	.000	-.08	-.20	-.26
c. wrlongnum	814	1.75	1.64	1.90	2.01	.128	.056	.024	.010	3.67	3.35	3.54	3.64	1,143	23,322	137,383	.408	.248	.041	.03	-.04	-.07
— wrpages	794	59.89	62.23	73.31	79.21	2.965	1.351	.569	.238	83.57	79.34	84.00	86.60	4,242	22,619	803	.458	.000	.000	-.03	-.16	-.22
8 a. DDrace	865	3.14	3.25	3.11	3.15	.031	.014	.006	.002	.92	.90	.93	.92	4,678	25,025	147,372	.001	.332	.829	-.12	.03	-.01
b. DDeconomic	863	3.13	3.19	3.11	3.14	.031	.014	.006	.002	.91	.89	.89	.88	4,667	24,961	146,948	.101	.480	.928	-.06	.02	.00
c. DDreligion	861	3.04	3.11	3.02	3.06	.033	.015	.006	.002	.96	.95	.95	.94	4,658	24,899	146,611	.028	.738	.449	-.08	.01	-.03
d. DDpolitical	859	3.02	3.10	3.03	3.05	.033	.015	.006	.002	.96	.94	.93	.93	4,639	24,803	145,950	.031	.699	.365	-.08	-.01	-.03
9 a. LSreading	864	3.13	3.21	3.21	3.26	.028	.013	.005	.002	.83	.82	.81	.79	4,640	24,889	146,563	.005	.002	.000	-.11	-.11	-.16
b. LSnotes	859	2.84	2.93	2.88	2.89	.033	.015	.006	.002	.98	.93	.95	.95	1,238	917	868	.010	.238	.100	-.10	-.04	-.06
c. LSsummary	847	2.82	2.90	2.87	2.91	.033	.015	.006	.002	.96	.93	.93	.92	4,574	24,535	856	.031	.165	.013	-.08	-.05	-.09
10. challenge	852	5.57	5.72	5.63	5.67	.045	.020	.008	.003	1.33	1.21	1.21	1.19	1,188	903	859	.003	.181	.021	-.12	-.05	-.09
11 a. intern[l]	852	.475	.443	.502	.511	.0171	.0081	.0032	.0013	--	--	--	--	--	--	--	.092	.123	.037	.06	-.05	-.07
b. leader[l]	852	.359	.309	.351	.363	.0164	.0075	.0031	.0013	--	--	--	--	--	--	--	.005	.660	.784	.11	.02	-.01
c. learncom[l]	855	.273	.222	.247	.249	.0153	.0068	.0028	.0011	--	--	--	--	--	--	--	.001	.083	.099	.12	.06	.06
d. abroad[l]	851	.134	.096	.143	.145	.0117	.0048	.0023	.0009	--	--	--	--	--	--	--	.001	.462	.357	.12	-.03	-.03
e. research[l]	849	.221	.191	.246	.247	.0142	.0064	.0028	.0011	--	--	--	--	--	--	--	.050	.088	.074	.07	-.06	-.06
f. capstone[l]	849	.322	.394	.425	.464	.0161	.0080	.0032	.0013	--	--	--	--	--	--	--	.000	.000	.000	-.15	-.21	-.29
12. servcourse	856	1.67	1.66	1.69	1.74	.023	.012	.004	.002	.67	.71	.68	.69	1,328	24,580	144,824	.570	.542	.006	.02	-.02	-.09
13 a. QIstudent	848	5.61	5.69	5.66	5.70	.050	.022	.009	.003	1.46	1.35	1.33	1.31	1,201	898	855	.143	.329	.084	-.06	-.04	-.07
b. QIadvisor	849	5.02	5.19	5.02	5.18	.065	.029	.012	.005	1.89	1.79	1.82	1.79	1,220	905	857	.022	.955	.013	-.09	.00	-.09
c. QIfaculty	840	5.38	5.47	5.44	5.55	.052	.024	.009	.004	1.51	1.45	1.42	1.39	4,546	894	848	.129	.308	.002	-.06	-.04	-.12
d. QIstaff	703	4.88	4.87	4.78	4.86	.067	.032	.013	.005	1.77	1.79	1.76	1.76	3,740	20,173	119,335	.989	.170	.804	.00	.05	.01
e. QIadmin	784	4.77	4.75	4.73	4.82	.065	.030	.012	.005	1.83	1.78	1.75	1.76	4,320	834	792	.807	.575	.441	.01	.02	-.03
14 a. empstudy	787	3.11	3.15	3.19	3.19	.029	.013	.005	.002	.80	.78	.77	.77	4,327	23,327	138,067	.196	.004	.008	-.05	-.10	-.09
b. SEacademic	782	2.91	2.95	2.92	2.97	.032	.015	.006	.002	.89	.89	.87	.86	4,300	23,159	789	.269	.795	.075	-.04	-.01	-.07
c. SElearnsup	784	2.87	2.88	2.85	2.89	.034	.016	.006	.003	.96	.95	.94	.94	4,308	23,156	137,116	.784	.469	.687	-.01	.03	-.01

NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics[g]
Texas Tech University

Seniors

Variable Name	N Texas Tech	Mean Texas Tech	Mean Comparison schools	Mean Carnegie Class	Mean NSSE 2014 & 2015	SE Texas Tech	SE Comparison schools	SE Carnegie Class	SE NSSE 2014 & 2015	SD Texas Tech	SD Comparison schools	SD Carnegie Class	SD NSSE 2014 & 2015	df Comparison schools	df Carnegie Class	df NSSE 2014 & 2015	Sig Comparison schools	Sig Carnegie Class	Sig NSSE 2014 & 2015	ES Comparison schools	ES Carnegie Class	ES NSSE 2014 & 2015
d. SEdiverse	786	2.54	2.66	2.56	2.61	.037	.017	.007	.003	1.04	1.01	1.01	1.01	1,133	837	793	.003	.655	.088	-.12	-.02	-.06
e. SEsocial	785	2.91	2.91	2.86	2.86	.033	.016	.006	.003	.93	.93	.93	.93	4,299	23,170	137,164	.905	.140	.221	.00	.05	.04
f. SEwellness	781	2.81	2.84	2.78	2.78	.035	.016	.006	.003	.98	.97	.96	.97	4,294	23,099	136,689	.496	.343	.347	-.03	.03	.03
g. SEnonacad	782	2.14	2.14	2.08	2.11	.038	.017	.007	.003	1.05	1.03	.99	1.00	4,283	830	789	.920	.081	.421	.00	.07	.03
h. SEactivities	781	2.90	2.76	2.69	2.66	.035	.016	.007	.003	.99	.97	.97	.99	4,272	23,008	789	.000	.000	.000	.14	.21	.24
i. SEevents	773	2.42	2.44	2.42	2.44	.037	.017	.006	.003	1.02	.99	.97	.98	4,242	821	135,818	.545	.895	.570	-.02	-.01	-.02
15 a. tmprephrs	783	13.76	13.76	14.96	14.76	.329	.150	.060	.024	9.20	8.89	9.02	8.93	4,284	23,074	136,871	.987	.000	.002	.00	-.13	-.11
b. tmcocurrhrs	772	4.17	4.02	4.53	4.65	.210	.108	.045	.019	5.84	6.38	6.70	6.88	1,215	844	784	.537	.094	.022	.02	-.05	-.07
c. tmworkonhrs	773	4.30	3.74	4.00	3.71	.300	.132	.051	.020	8.35	7.81	7.61	7.19	1,092	817	778	.087	.322	.048	.07	.04	.08
d. tmworkoffhrs	774	10.40	13.44	11.64	12.00	.460	.229	.087	.036	12.80	13.51	12.98	13.19	1,187	22,854	135,619	.000	.009	.001	-.23	-.10	-.12
— tmworkhrs	762	14.51	17.08	15.50	15.59	.486	.232	.089	.036	13.42	13.64	13.23	13.31	4,209	22,686	134,708	.000	.041	.026	-.19	-.08	-.08
e. tmservicehrs	772	2.78	3.10	3.04	3.13	.180	.091	.036	.015	5.01	5.36	5.29	5.35	4,241	22,767	781	.126	.186	.056	-.06	-.05	-.06
f. tmrelaxhrs	777	10.75	10.24	10.80	10.73	.291	.136	.055	.022	8.11	8.01	8.13	8.15	4,258	22,907	135,793	.108	.871	.938	.06	-.01	.00
g. tmcarehrs	778	4.94	6.91	5.85	6.38	.362	.194	.072	.031	10.11	11.46	10.68	11.20	1,264	839	788	.000	.014	.000	-.18	-.09	-.13
h. tmcommutehrs	782	4.22	5.86	5.16	4.81	.152	.098	.037	.015	4.25	5.80	5.45	5.52	1,511	874	796	.000	.000	.000	-.30	-.17	-.11
16. reading	779	2.78	2.83	2.88	2.94	.043	.020	.008	.003	1.20	1.19	1.21	1.18	4,255	22,923	787	.269	.016	.000	-.04	-.09	-.14
— tmreadinghrs	773	6.19	6.53	7.25	7.39	.205	.104	.043	.018	5.70	6.13	6.41	6.45	1,205	842	783	.137	.000	.000	-.06	-.17	-.19
17 a. pgwrite	785	2.91	2.99	2.96	3.04	.034	.016	.006	.002	.94	.95	.93	.91	4,292	23,039	136,553	.032	.083	.000	-.08	-.06	-.15
b. pgspeak	782	2.88	2.90	2.88	2.95	.035	.017	.006	.003	.98	.97	.96	.94	4,266	22,954	789	.701	.887	.059	-.02	.01	-.07
c. pgthink	783	3.24	3.26	3.28	3.31	.031	.014	.005	.002	.86	.82	.81	.80	4,281	831	789	.497	.188	.033	-.03	-.05	-.08
d. pganalyze	782	2.89	2.93	2.88	2.83	.035	.016	.007	.003	.98	.97	.99	1.00	4,276	22,925	135,942	.289	.851	.127	-.04	.01	.05
e. pgwork	785	2.94	2.94	2.90	2.95	.037	.017	.007	.003	1.04	1.00	.99	.97	4,277	22,976	792	.891	.319	.775	-.01	.04	-.01
f. pgothers	782	3.05	3.02	3.00	3.05	.034	.016	.006	.002	.94	.93	.91	.90	4,274	833	135,822	.537	.203	.834	.02	.05	-.01
g. pgvalues	783	2.74	2.76	2.75	2.82	.038	.018	.007	.003	1.05	1.06	1.03	1.02	4,276	22,945	790	.782	.910	.045	-.01	.00	-.07
h. pgdiverse	783	2.75	2.84	2.77	2.82	.036	.017	.007	.003	1.02	1.03	1.01	.99	4,280	22,957	136,063	.022	.592	.038	-.09	-.02	-.07
i. pgprobsolve	784	2.84	2.82	2.80	2.82	.036	.017	.007	.003	.99	1.00	.97	.97	4,281	22,963	135,967	.486	.206	.530	.03	.05	.02
j. pgcitizen	775	2.67	2.63	2.63	2.69	.037	.018	.007	.003	1.03	1.04	1.01	1.01	4,262	22,824	135,327	.251	.195	.597	.05	.05	-.02
18. evalexp	787	3.26	3.22	3.21	3.25	.028	.013	.005	.002	.79	.79	.76	.75	4,297	839	136,728	.152	.057	.592	.06	.07	.02
19. sameinst	790	3.30	3.24	3.20	3.20	.031	.014	.006	.002	.86	.84	.85	.85	4,306	23,092	136,879	.071	.001	.002	.07	.12	.11

Endnotes

a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.

b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent t-tests. Exceptions are the dichotomous High-Impact Practice items (11a to 11f) which are compared using a z-test.

c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.

d. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.

e. Effect size for independent t-tests uses Cohen's d; z-tests use Cohen's h. See page 2 for more details.

f. Statistical comparison uses z-test to compare the percentage who responded "Done or in progress."

g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).

h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.

i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.

j. Degrees of freedom used to compute the t-tests. Values differ from Ns due to weighting and whether equal variances were assumed.

k. Statistical comparisons are two-tailed independent t-tests or z-tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.

l. Mean represents the proportion who responded "Done or in progress."