



NSSE 2017

Frequencies and Statistical Comparisons

Tennessee Technological University

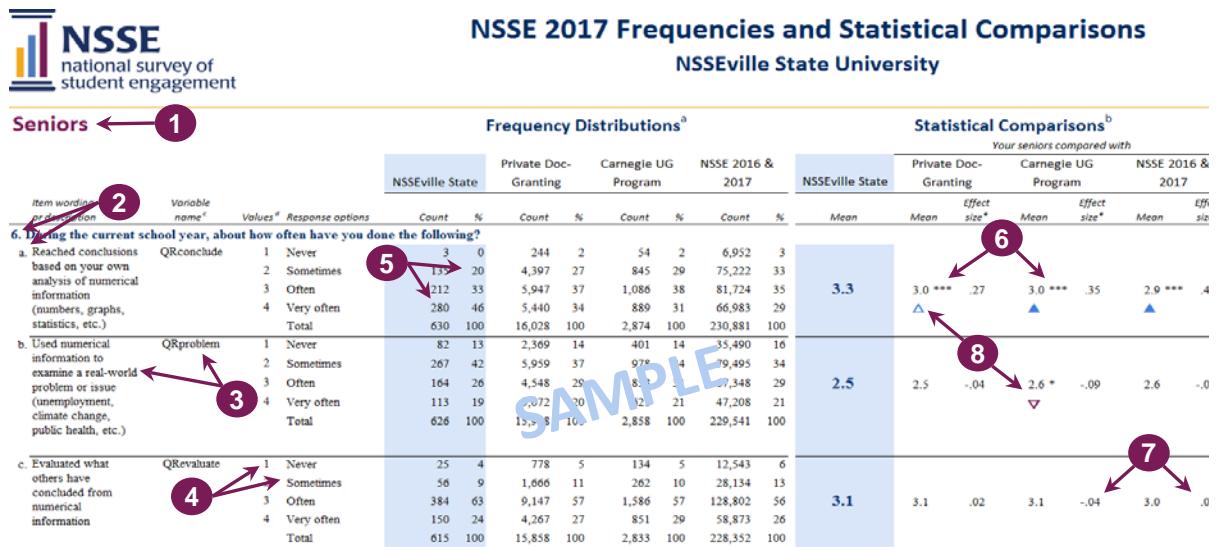
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NSSE 2017 Frequencies and Statistical Comparisons

About This Report

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

- Class level:** As reported by your institution.
 - Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
 - Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
 - Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
 - Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.
- Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: nsse.indiana.edu/html/weighting.cfm
- 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.



		Frequency Distributions ^a								Statistical Comparisons ^b <i>Your seniors compared with</i>									
		NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State	Private Doc-Granting	Carnegie UG Program	NSSE 2016 & 2017						
Item wording and item number	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	effect size ^e	Mean	effect size ^e	Mean	eff size	
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 2 Sometimes 3 Often 4 Very often Total	3 135 212 280 630	0 20 33 46 100	244 4,397 5,947 5,440 16,028	2 27 37 34 100	54 845 1,086 889 2,874	2 29 38 31 100	6,952 75,222 81,724 66,983 230,881	3 33 35 29 100	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.4	
b.	Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1 Never 2 Sometimes 3 Often 4 Very often Total	82 267 164 113 626	13 42 26 19 100	2,369 5,959 4,548 2,072 15,948	14 37 29 21 100	401 978 811 32 2,858	14 4 4 21 100	35,490 79,495 67,348 47,208 229,541	16 34 29 21 100	2.5	2.5	-.04	2.6 *	-.09	2.6	-.0	
c.	Evaluated what others have concluded from numerical information	QRevaluate	1 Never 2 Sometimes 3 Often 4 Very often Total	25 56 384 150 615	4 9 63 24 100	778 1,666 9,147 4,267 15,858	5 11 57 27 100	134 262 1,586 851 2,853	5 10 57 29 100	12,543 28,134 128,802 58,873 228,352	6 13 56 26 100	3.1	3.1	.02	3.1	-.04	3.0	.0	

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 2017 Frequencies and Statistical Comparisons

Tennessee Technological 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	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017			
				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	10	2	938	4	117	5	8,205	4	2.7	2.9 ***	-0.21	2.9 ***	-0.19	2.8 **	-0.15
		2	Sometimes	177	43	9,547	33	891	32	90,128	36							
		3	Often	153	36	9,594	34	935	35	91,897	35							
		4	Very often	75	18	7,421	29	742	29	66,207	26							
		Total		415	100	27,500	100	2,685	100	256,437	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	91	23	4,221	15	448	17	42,148	17	2.4	2.6 ***	-0.18	2.6 *	-0.13	2.5	-0.07
		2	Sometimes	129	31	9,211	33	841	32	90,153	35							
		3	Often	115	28	8,170	30	785	29	75,682	30							
		4	Very often	78	18	5,704	22	593	22	46,583	18							
		Total		413	100	27,306	100	2,667	100	254,566	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	18	4	1,389	5	139	5	11,961	5	3.1	3.1	.04	3.1	.04	3.0 *	.11
		2	Often	38	9	3,346	12	299	11	31,691	13							
		3	Sometimes	233	56	14,699	52	1,461	54	143,694	56							
		4	Never	127	30	7,836	31	770	30	66,904	27							
		Total		416	100	27,270	100	2,669	100	254,250	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	89	23	11,312	44	930	35	91,093	39	2.2	1.8 ***	.43	2.0 ***	.22	1.9 ***	.34
		2	Sometimes	182	43	9,835	35	999	37	98,619	38							
		3	Often	92	22	3,864	14	474	18	42,226	15							
		4	Very often	52	13	2,154	8	263	10	21,683	8							
		Total		415	100	27,165	100	2,666	100	253,621	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	27	7	3,371	16	234	10	21,350	10	2.8	2.5 ***	.35	2.7 *	.13	2.6 ***	.22
		2	Sometimes	129	31	10,069	38	914	35	92,666	37							
		3	Often	157	37	8,933	30	915	33	92,398	35							
		4	Very often	99	25	4,755	16	593	22	46,874	17							
		Total		412	100	27,128	100	2,656	100	253,288	100							
f. Explained course material to one or more students	CLexplain	1	Never	14	3	2,149	10	147	6	12,695	6	2.7	2.6 ***	.15	2.8	-0.05	2.7	.03
		2	Sometimes	161	39	9,982	38	900	33	91,040	36							
		3	Often	167	40	10,146	35	1,041	39	102,269	39							
		4	Very often	71	18	4,777	17	564	22	46,723	18							
		Total		413	100	27,054	100	2,652	100	252,727	100							

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological 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	Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017					
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	46	12	4,793	21	361	15	34,214	16	2.7	2.4 *** ▲	.26	2.6	.05	2.5 ** ▲	.14																			
		2	Sometimes	143	34	9,194	34	833	32	86,652	35																										
		3	Often	128	31	8,093	28	835	31	82,133	31																										
		4	Very often	95	23	4,903	17	619	23	48,933	19																										
		Total		412	100	26,983	100	2,648	100	251,932	100																										
h. Worked with other students on course projects or assignments	CLproject	1	Never	26	6	2,669	12	227	9	18,936	9	2.7	2.6 ** ▲	.15	2.7	.02	2.6	.08																			
		2	Sometimes	158	39	10,070	38	962	36	93,378	37																										
		3	Often	145	36	9,330	33	896	33	93,637	36																										
		4	Very often	81	20	4,799	17	551	21	45,099	17																										
		Total		410	100	26,868	100	2,636	100	251,050	100																										
i. Given a course presentation	present	1	Never	87	22	5,159	21	596	23	45,224	19	2.2	2.3	-.07	2.3	-.02	2.3	-.04																			
		2	Sometimes	174	42	11,226	40	1,101	41	111,474	44																										
		3	Often	108	26	7,238	27	609	23	66,912	26																										
		4	Very often	42	10	3,235	12	338	13	27,367	11																										
		Total		411	100	26,858	100	2,644	100	250,977	100																										
2. During the current school year, about how often have you done the following?																																					
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	50	12	2,409	10	288	11	19,449	9	2.4	2.6 ** ▼	-.14	2.6 *	-.12	2.6 ** ▼	-.16																			
		2	Sometimes	178	43	10,512	39	1,050	40	98,578	40																										
		3	Often	130	33	9,414	35	829	32	93,029	37																										
		4	Very often	47	12	4,089	16	426	17	36,460	15																										
		Total		405	100	26,424	100	2,593	100	247,516	100																										
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	56	14	2,482	10	284	11	21,694	10	2.3	2.6 *** ▼	-.31	2.6 *** ▼	-.27	2.6 *** ▼	-.30																			
		2	Sometimes	199	50	9,994	37	979	39	95,206	39																										
		3	Often	111	27	9,356	35	899	35	90,173	36																										
		4	Very often	37	9	4,443	17	412	16	39,252	16																										
		Total		403	100	26,275	100	2,574	100	246,325	100																										
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	60	16	2,641	11	278	12	23,939	11	2.3	2.6 *** ▼	-.29	2.6 *** ▼	-.26	2.6 *** ▼	-.26																			
		2	Sometimes	180	45	9,699	37	968	38	93,563	38																										
		3	Often	125	30	9,085	34	843	33	86,158	34																										
		4	Very often	37	9	4,755	18	480	18	41,597	17																										
		Total		402	100	26,180	100	2,569	100	245,257	100																										

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First-Year Students

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Statistical Comparisons^b

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Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2016 & 2017								Your first-year students compared with							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group		NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	19	5	1,241	5	141	6	11,313	5	2.7	2.8 ***	-0.18	2.8 **	-0.14	2.8 **	-0.14	
		2	Sometimes	158	39	8,023	30	832	33	78,204	32								
		3	Often	166	42	11,441	43	1,027	40	109,997	45								
		4	Very often	57	14	5,340	21	561	22	44,562	19								
		Total		400	100	26,045	100	2,561	100	244,076	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	14	3	814	3	87	4	7,172	3	2.8	2.9 **	-0.15	2.9 **	-0.14	2.9 *	-0.11	
		2	Sometimes	129	33	6,922	26	673	27	66,714	28								
		3	Often	169	43	11,556	44	1,083	43	111,680	45								
		4	Very often	82	21	6,628	26	696	27	57,047	24								
		Total		394	100	25,920	100	2,539	100	242,613	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	14	4	801	3	77	3	6,666	3	2.7	2.9 **	-0.16	2.8 *	-0.14	2.8 **	-0.14	
		2	Sometimes	143	36	7,689	30	784	32	72,000	31								
		3	Often	171	43	11,365	43	1,073	42	110,351	45								
		4	Very often	66	17	5,913	23	597	23	52,104	21								
		Total		394	100	25,768	100	2,531	100	241,121	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	10	3	422	2	53	3	3,126	2	2.9	3.0 **	-0.16	3.0	-0.10	3.0 **	-0.15	
		2	Sometimes	91	23	5,622	22	603	24	50,760	22								
		3	Often	216	55	12,179	47	1,148	45	120,293	49								
		4	Very often	75	19	7,385	30	711	28	65,646	27								
		Total		392	100	25,608	100	2,515	100	239,825	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	76	20	5,644	24	501	21	48,677	22	2.3	2.2 *	.11	2.3	.00	2.2	.09	
		2	Sometimes	163	41	10,980	42	1,012	40	105,925	44								
		3	Often	96	25	5,839	22	608	23	56,679	23								
		4	Very often	57	14	3,174	12	393	15	28,702	12								
		Total		392	100	25,637	100	2,514	100	239,983	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	183	47	13,124	54	1,174	47	113,859	49	1.8	1.7 *	.12	1.9	-0.03	1.8	.06	
		2	Sometimes	118	29	7,455	28	742	29	76,889	31								
		3	Often	65	17	3,320	12	386	16	33,505	14								
		4	Very often	25	7	1,672	6	207	8	15,031	6								
		Total		391	100	25,571	100	2,509	100	239,284	100								

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological 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	Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	132	34	9,395	40	863	34	74,711	33	2.0	1.9	.08	2.0	-.06	2.0	-.02									
		2	Sometimes	166	43	10,039	37	935	38	102,632	42																
		3	Often	62	16	4,196	15	454	18	44,236	18																
		4	Very often	27	7	1,828	7	240	10	16,699	7																
		Total		387	100	25,458	100	2,492	100	238,278	100																
d. Discussed your academic performance with a faculty member	SFperform	1	Never	78	20	6,483	27	583	24	57,233	25	2.2	2.1 *	.10	2.2	-.02	2.1	.09									
		2	Sometimes	185	48	11,483	44	1,032	41	110,702	46																
		3	Often	90	23	5,324	20	589	23	51,119	21																
		4	Very often	33	9	2,150	9	285	12	19,030	8																
		Total		386	100	25,440	100	2,489	100	238,084	100																
4. During the current school year, how much has your coursework emphasized the following?																											
a. Memorizing course material	memorize	1	Very little	9	3	1,057	5	86	4	8,885	4	3.0	2.9 *	.11	2.9	.08	2.9 *	.10									
		2	Some	95	25	6,478	26	653	27	61,835	26																
		3	Quite a bit	169	44	11,297	44	1,097	43	109,097	46																
		4	Very much	113	28	6,587	25	649	26	58,018	24																
		Total		386	100	25,419	100	2,485	100	237,835	100																
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	24	6	1,007	4	120	5	7,940	4	2.9	2.9	-.04	2.9	-.06	2.9	-.06									
		2	Some	96	25	6,463	26	633	26	58,332	25																
		3	Quite a bit	171	44	11,529	45	1,077	42	112,550	47																
		4	Very much	95	25	6,321	25	648	27	58,261	24																
		Total		386	100	25,320	100	2,478	100	237,083	100																
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	26	7	1,000	4	104	4	8,281	4	2.8	2.9 ***	-.19	2.9 ***	-.19	2.9 ***	-.19									
		2	Some	122	31	6,621	26	673	28	61,190	26																
		3	Quite a bit	155	41	10,852	43	1,016	40	106,687	45																
		4	Very much	80	20	6,713	26	684	28	59,844	25																
		Total		383	100	25,186	100	2,477	100	236,002	100																
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	32	9	924	4	98	5	9,056	4	2.7	2.9 ***	-.29	2.9 ***	-.24	2.9 ***	-.24									
		2	Some	127	33	6,423	25	652	27	62,558	27																
		3	Quite a bit	147	39	11,278	44	1,069	43	108,013	45																
		4	Very much	77	19	6,528	26	646	25	56,080	24																
		Total		383	100	25,153	100	2,465	100	235,707	100																

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

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Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2016 & 2017								Your first-year students compared with						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e		
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	20	5	1,093	5	124	5	9,438	4	2.8	2.9	-.10	2.8	-.05	2.9	-.07
		2	Some	118	30	6,774	27	681	29	64,000	28							
		3	Quite a bit	163	43	11,064	43	1,049	42	107,595	45							
		4	Very much	83	22	6,183	25	610	24	54,325	23							
		Total		384	100	25,114	100	2,464	100	235,358	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	11	3	642	3	70	3	4,589	2	3.0	3.1	-.05	3.1	-.10	3.1	-.05
		2	Some	77	20	5,005	20	506	20	46,132	20							
		3	Quite a bit	184	49	11,135	43	982	39	111,066	46							
		4	Very much	107	29	8,338	33	902	38	73,617	32							
		Total		379	100	25,120	100	2,460	100	235,404	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	14	4	1,006	5	130	6	6,974	3	3.1	3.0	.07	3.0	.10	3.0	.06
		2	Some	67	18	5,201	21	546	22	48,067	21							
		3	Quite a bit	181	47	11,048	43	1,009	41	111,344	47							
		4	Very much	118	32	7,841	32	773	32	68,718	29							
		Total		380	100	25,096	100	2,458	100	235,103	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	11	3	1,000	5	120	5	7,313	4	3.1	3.0 *	.11	3.0	.10	3.0	.08
		2	Some	72	19	5,488	23	565	23	50,242	22							
		3	Quite a bit	173	45	10,410	40	940	38	103,346	43							
		4	Very much	125	33	8,147	32	825	34	73,853	31							
		Total		381	100	25,045	100	2,450	100	234,754	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	32	8	1,924	9	173	8	17,190	8	2.8	2.8	-.07	2.9	-.11	2.8	-.04
		2	Some	112	30	6,757	27	647	27	66,835	29							
		3	Quite a bit	146	38	9,226	36	905	36	89,248	37							
		4	Very much	91	24	7,120	29	723	30	61,408	26							
		Total		381	100	25,027	100	2,448	100	234,681	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	32	8	2,222	9	227	10	18,944	8	2.8	2.8	.01	2.8	.01	2.7	.03
		2	Some	122	31	7,609	30	751	30	73,743	31							
		3	Quite a bit	139	37	9,170	36	861	35	90,832	38							
		4	Very much	87	24	5,949	25	605	25	50,570	22							
		Total		380	100	24,950	100	2,444	100	234,089	100							

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological 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	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017			
				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	50	13	3,123	12	286	12	27,244	11	2.6	2.5	.01	2.6	-.06	2.6	-.01
		2	Sometimes	133	35	9,102	36	822	33	86,536	36							
		3	Often	136	37	8,926	36	901	37	86,138	37							
		4	Very often	58	16	3,846	16	441	18	34,258	15							
		Total		377	100	24,997	100	2,450	100	234,176	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	91	24	5,424	21	524	21	49,209	21	2.2	2.3	-.10	2.4 **	-.17	2.3	-.10
		2	Sometimes	156	41	9,996	40	896	37	96,062	41							
		3	Often	97	26	6,696	27	696	29	64,615	28							
		4	Very often	35	9	2,849	12	322	14	24,073	11							
		Total		379	100	24,965	100	2,438	100	233,959	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	83	22	5,312	22	541	21	45,335	19	2.2	2.3	-.06	2.3 *	-.12	2.3	-.09
		2	Sometimes	163	43	10,417	41	933	38	100,763	43							
		3	Often	100	27	6,835	27	693	28	66,790	29							
		4	Very often	28	8	2,419	10	282	12	21,154	9							
		Total		374	100	24,983	100	2,449	100	234,042	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	42	13	1,356	6	246	11	11,020	6	4.6	6.7 ***	-.35	5.3 **	-.14	6.6 ***	-.35
		1.5	1-2	87	26	4,288	19	506	22	40,851	20							
		4	3-5	107	32	7,428	33	734	34	68,479	32							
		8	6-10	69	20	5,452	23	454	20	52,086	24							
		13	11-15	23	6	2,126	9	157	7	21,929	10							
		18	16-20	5	2	970	4	58	2	9,749	4							
		23	More than 20	4	1	1,074	5	60	3	10,373	5							
Total		337	100	22,694	100	2,215	100	214,487	100									
b. Between 6 and 10 pages	wrmednum <i>(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	189	56	8,557	38	1,232	54	71,685	35	1.3	2.4 ***	-.28	1.6	-.10	2.2 ***	-.28
		1.5	1-2	99	30	7,837	34	563	27	83,242	38							
		4	3-5	29	8	3,745	17	231	11	38,160	17							
		8	6-10	13	4	1,542	8	110	6	13,709	7							
		13	11-15	5	1	386	2	20	1	3,279	2							
		18	16-20	0	0	123	1	13	1	992	1							
		23	More than 20	1	0	142	1	11	0	1,059	1							
Total		336	100	22,332	100	2,180	100	212,126	100									

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological 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	Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
c. 11 pages or more	wrlongnum	0	None	299	89	17,252	77	1,856	84	160,774	76	.4	1.1 *** ▼	-0.21	.8 ** ▼	-0.15	.9 *** ▼	-0.19									
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	28	8	3,153	14	163	9	35,476	16																
		4	3-5	5	2	786	4	62	3	6,908	3																
		8	6-10	0	0	510	3	38	2	4,056	2																
		13	11-15	3	1	265	1	21	1	1,987	1																
		18	16-20	0	0	100	1	12	0	695	0																
		23	More than 20	1	0	135	1	12	1	998	1																
		Total			336	100	22,201	100	2,164	100	210,894	100															
Estimated number of assigned pages of student writing.	wpages											28.2	53.5 *** ▼	-0.33	39.3 *** ▼	-0.18	50.3 *** ▼	-0.33									
8. During the current school year, about how often have you had discussions with people from the following groups?																											
a. People of a race or ethnicity other than your own	DDrace	1	Never	19	5	1,188	6	105	5	9,796	5	2.9	3.0 ** ▼	-0.17	3.0 ** ▼	-0.17	3.0 ** ▼	-0.17									
		2	Sometimes	103	30	5,233	23	503	25	52,591	24																
		3	Often	120	36	7,129	31	709	31	69,634	32																
		4	Very often	95	29	9,088	39	890	39	81,992	38																
			Total	337	100	22,638	100	2,207	100	214,013	100																
b. People from an economic background other than your own	DDeconomic	1	Never	18	5	1,161	6	108	5	9,145	5	2.9	3.0	-0.07	3.0	-0.10	3.0	-0.10									
		2	Sometimes	88	25	5,337	24	514	24	50,237	24																
		3	Often	136	41	7,942	35	771	35	79,038	37																
		4	Very often	93	28	8,128	35	808	36	74,982	35																
			Total	335	100	22,568	100	2,201	100	213,402	100																
c. People with religious beliefs other than your own	DDreligion	1	Never	27	8	1,673	8	171	8	14,559	7	2.8	2.9	-0.06	2.9	-0.06	2.9	-0.09									
		2	Sometimes	101	30	6,283	27	605	28	56,623	26																
		3	Often	108	32	7,066	31	660	30	69,361	32																
		4	Very often	99	30	7,554	33	772	34	72,842	34																
			Total	335	100	22,576	100	2,208	100	213,385	100																
d. People with political views other than your own	DDpolitical	1	Never	16	5	1,588	8	165	8	12,296	6	2.9	2.9	.03	2.9	.03	3.0	.00									
		2	Sometimes	96	28	5,969	26	551	27	57,231	27																
		3	Often	116	34	7,357	32	706	32	71,041	33																
		4	Very often	107	33	7,631	34	775	34	72,670	34																
			Total	335	100	22,545	100	2,197	100	213,238	100																

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NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological 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	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group		NSSE 2016 & 2017		
				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	7	2	436	2	54	3	3,318	2	2.9	3.1 ***	-0.21	3.0 **	-0.17	3.0 ***	-0.20
		2	Sometimes	92	27	4,753	21	479	23	43,822	21							
		3	Often	165	49	10,369	45	962	43	102,378	48							
		4	Very often	71	21	6,864	31	684	31	62,598	29							
		Total		335	100	22,422	100	2,179	100	212,116	100							
b. Reviewed your notes after class	LSnotes	1	Never	8	3	989	5	60	3	9,809	5	3.0	3.0	.07	3.1	-0.05	2.9 **	.15
		2	Sometimes	89	27	6,306	27	526	25	62,973	30							
		3	Often	120	36	7,843	35	770	35	76,246	36							
		4	Very often	119	35	7,251	33	825	37	63,000	29							
		Total		336	100	22,389	100	2,181	100	212,028	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	17	5	1,296	6	101	5	12,424	6	2.8	2.9	-0.08	2.9 **	-0.16	2.8	.00
		2	Sometimes	107	32	6,605	29	580	27	65,718	31							
		3	Often	133	41	8,485	38	848	39	82,500	39							
		4	Very often	75	22	5,904	27	644	30	50,492	24							
		Total		332	100	22,290	100	2,173	100	211,134	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	4	1	242	1	38	2	1,601	1	5.5	5.5	.03	5.5	.01	5.4	.04
		2		3	1	271	1	22	1	2,363	1							
		3		9	3	986	5	103	4	8,558	4							
		4		30	9	2,563	11	249	12	23,678	12							
		5		116	35	7,067	31	626	29	69,889	33							
		6		99	30	5,646	24	528	25	57,569	26							
		7	Very much	72	21	5,528	26	603	27	47,477	23							
		Total		333	100	22,303	100	2,169	100	211,135	100							
11. Which of the following have you done or do you plan to do before you graduate?^f																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern		Have not decided	45	14	2,862	15	267	12	24,075	13	4%	8% **	-0.17	8% **	-0.19	8% **	-0.18
			Do not plan to do	18	6	1,203	7	139	7	9,743	5							
			Plan to do	254	77	16,544	71	1,588	73	160,469	74							
			Done or in progress	13	4	1,654	8	169	8	16,467	8							
			Total	330	100	22,263	100	2,163	100	210,754	100							

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NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological 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	Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	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 <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	89	27	6,241	29	561	26	56,078	27	9%	10%	-.04	9%	-.01	11%	-.09									
			Do not plan to do	102	31	5,456	26	519	25	46,195	23																
			Plan to do	110	33	8,290	35	883	41	84,079	38																
			Done or in progress	29	9	2,217	10	195	9	23,837	11																
			Total	330	100	22,204	100	2,158	100	210,189	100																
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	125	38	7,184	32	645	29	68,389	32	5%	13% ***	-.29	14% ***	-.32	14% ***	-.32									
			Do not plan to do	94	29	5,493	26	511	24	54,617	27																
			Plan to do	95	29	6,611	29	686	33	58,576	27																
			Done or in progress	16	5	2,830	13	309	14	27,858	14																
			Total	330	100	22,118	100	2,151	100	209,440	100																
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	100	31	6,585	30	626	29	56,588	28	1%	3%	-.09	3%	-.09	3%	-.12									
			Do not plan to do	139	42	6,600	33	670	33	54,509	28																
			Plan to do	88	26	8,366	35	801	36	92,219	41																
			Done or in progress	5	1	593	3	58	3	6,325	3																
			Total	332	100	22,144	100	2,155	100	209,641	100																
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	131	39	8,596	39	830	38	78,772	38	5%	4%	.02	6%	-.07	5%	.00									
			Do not plan to do	87	25	5,616	26	563	26	47,920	24																
			Plan to do	99	31	6,939	31	641	30	72,865	34																
			Done or in progress	15	5	950	4	116	6	9,696	5																
			Total	332	100	22,101	100	2,150	100	209,253	100																
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	114	34	7,761	36	737	32	66,049	33	1%	2%	-.07	3%	-.12	2%	-.05									
			Do not plan to do	38	11	2,769	14	285	13	20,770	11																
			Plan to do	173	53	11,048	48	1,061	52	118,221	54																
			Done or in progress	5	1	512	2	71	3	4,099	2																
			Total	330	100	22,090	100	2,154	100	209,139	100																
12. About how many of your courses at this institution have included a community-based project (service-learning)?																											
	servcourse		1 None	158	50	9,748	45	889	38	98,142	48	1.6	1.7 **	-.14	1.8 ***	-.26	1.6	-.08									
			2 Some	152	44	9,931	44	1,044	52	91,461	43																
			3 Most	17	5	1,869	8	166	9	15,759	8																
			4 All	4	1	487	2	45	2	3,289	2																
			Total	331	100	22,035	100	2,144	100	208,651	100																

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NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological 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	Frequency Distributions ^a								Statistical Comparisons ^b						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	4	1	437	2	40	2	3,275	2	5.5	5.3	.08	5.3	.11	5.4	.04
		2		6	2	527	3	64	3	4,204	2							
		3		13	4	1,210	6	126	5	10,710	5							
		4		46	14	2,863	13	310	14	25,333	12							
		5		90	27	5,734	26	568	26	54,532	26							
		6		83	25	5,245	23	505	24	55,101	26							
		7	Excellent	86	26	5,744	26	509	24	53,959	25							
		—	Not applicable	2	1	325	2	27	1	2,005	1							
			Total	330	100	22,085	100	2,149	100	209,119	100							
b. Academic advisors	QIadvisor	1	Poor	9	3	802	4	79	4	6,977	4	5.4	5.2 *	.14	5.1 **	.18	5.2 *	.13
		2		15	4	1,018	5	110	5	9,409	5							
		3		22	6	1,739	8	187	9	16,200	8							
		4		42	13	2,940	13	309	15	28,767	13							
		5		59	18	4,212	18	388	17	42,545	20							
		6		72	22	4,404	19	431	20	43,533	21							
		7	Excellent	110	34	6,423	30	615	28	57,128	28							
		—	Not applicable	1	0	524	3	30	2	4,340	2							
			Total	330	100	22,062	100	2,149	100	208,899	100							
c. Faculty	QIfaculty	1	Poor	6	2	538	3	63	3	3,741	2	5.4	5.2 *	.11	5.1 *	.15	5.3	.06
		2		8	3	737	4	83	4	5,771	3							
		3		19	6	1,421	7	174	8	12,389	6							
		4		46	13	3,105	14	309	15	28,742	14							
		5		74	22	5,431	24	533	24	53,593	25							
		6		99	31	5,489	24	507	24	56,441	26							
		7	Excellent	74	23	4,948	23	461	22	45,547	22							
		—	Not applicable	2	1	330	2	17	1	2,187	1							
			Total	328	100	21,999	100	2,147	100	208,411	100							

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Tennessee Technological University

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Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2016 & 2017								Your first-year students compared with							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group		NSSE 2016 & 2017			
				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.)	Qlstaff	1	Poor	12	4	1,093	6	114	6	7,970	4	5.2	4.9 **	.16	4.9 **	.17	5.0	.10	
		2		13	4	1,033	5	105	5	8,752	4								
		3		25	8	1,578	7	182	8	14,914	7								
		4		40	11	2,941	13	316	15	28,999	14								
		5		65	20	4,289	18	411	19	45,038	21								
		6		76	24	4,097	17	420	19	43,773	20								
		7	Excellent	77	23	4,312	19	427	20	40,505	19								
		—	Not applicable	21	6	2,672	16	168	9	18,437	11								
	Total			329	100	22,015	100	2,143	100	208,388	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	12	4	1,138	6	160	9	8,507	4	5.0	4.9	.06	4.7 **	.17	5.0	.01	
		2		21	6	1,235	6	140	6	10,188	5								
		3		27	8	1,862	9	218	10	16,490	8								
		4		49	15	3,160	14	324	14	31,139	15								
		5		80	24	4,644	20	445	21	45,745	21								
		6		63	19	4,108	18	413	19	42,883	20								
		7	Excellent	67	21	4,451	21	382	18	39,724	20								
		—	Not applicable	9	3	1,437	7	64	3	14,036	7								
	Total			328	100	22,035	100	2,146	100	208,712	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	4	1	386	2	37	2	3,000	2	3.1	3.1	-.01	3.1	-.01	3.1	-.03	
		2	Some	54	17	3,534	18	372	19	32,361	17								
		3	Quite a bit	159	51	9,764	46	900	44	94,439	47								
		4	Very much	97	31	7,255	34	731	35	69,912	34								
			Total	314	100	20,939	100	2,040	100	199,712	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	7	2	782	5	80	4	6,321	4	3.0	3.0	-.04	3.0	-.06	3.1	-.07	
		2	Some	75	24	4,096	21	399	21	38,480	20								
		3	Quite a bit	141	46	8,670	41	823	40	85,977	43								
		4	Very much	87	28	7,242	34	718	34	67,539	33								
			Total	310	100	20,790	100	2,020	100	198,317	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	19	6	1,176	6	130	7	10,484	6	3.0	3.1	-.09	3.1	-.09	3.1	-.08	
		2	Some	67	21	3,531	17	316	17	34,593	18								
		3	Quite a bit	120	38	7,609	36	713	36	75,660	38								
		4	Very much	106	35	8,461	40	864	41	77,595	38								
			Total	312	100	20,777	100	2,023	100	198,332	100								

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological 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	NSSE 2016 & 2017								Your first-year students compared with						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017			
				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	39	12	2,162	12	216	11	19,547	10	2.6	2.8 **	-0.18	2.7 *	-0.14	2.8 ***	-0.19
		2	Some	103	33	5,509	26	554	29	54,723	28							
		3	Quite a bit	115	37	7,348	35	702	34	70,892	36							
		4	Very much	54	17	5,732	27	543	25	52,985	26							
		Total		311	100	20,751	100	2,015	100	198,147	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	16	5	1,401	9	134	7	10,516	6	2.9	2.9	-0.05	2.9	-0.10	3.0 *	-0.12
		2	Some	85	27	4,664	24	445	23	43,736	23							
		3	Quite a bit	137	44	7,974	37	773	38	80,766	40							
		4	Very much	72	23	6,683	30	662	32	62,879	31							
		Total		310	100	20,722	100	2,014	100	197,897	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	16	5	1,551	9	127	7	12,084	7	2.9	2.9	-0.01	2.9	-0.08	2.9	-0.08
		2	Some	88	28	4,816	24	447	24	44,650	23							
		3	Quite a bit	132	43	7,810	37	762	37	79,622	40							
		4	Very much	74	24	6,529	30	677	31	61,212	30							
		Total		310	100	20,706	100	2,013	100	197,568	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	71	23	4,374	23	404	21	39,668	21	2.2	2.4 *	-0.12	2.4 **	-0.17	2.4 *	-0.12
		2	Some	128	40	7,029	33	667	33	71,701	36							
		3	Quite a bit	79	26	5,902	28	562	28	57,092	29							
		4	Very much	32	11	3,370	16	378	18	28,966	15							
		Total		310	100	20,675	100	2,011	100	197,427	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	19	7	2,340	16	147	8	16,593	10	2.8	2.7	.06	2.9 *	-0.16	2.8	-0.05
		2	Some	99	32	5,089	25	485	25	49,400	25							
		3	Quite a bit	129	41	7,523	34	754	38	77,374	38							
		4	Very much	63	20	5,697	25	621	30	53,830	26							
		Total		310	100	20,649	100	2,007	100	197,197	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	44	15	3,455	20	300	16	26,222	15	2.4	2.5	-0.03	2.5 *	-0.12	2.6 **	-0.14
		2	Some	125	40	6,752	33	659	34	64,853	33							
		3	Quite a bit	102	33	6,450	29	631	31	68,007	33							
		4	Very much	35	12	3,959	18	412	19	37,870	18							
		Total		306	100	20,616	100	2,002	100	196,952	100							

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological 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		NSSE 2016 & 2017								Your first-year students compared with						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group		NSSE 2016 & 2017		
				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 <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	2	1	98	1	17	1	733	0	14.3	14.2	.01	13.3	.12	14.7	-.05
		3	1-5 hrs	33	11	2,914	15	332	16	22,621	12							
		8	6-10 hrs	77	26	4,962	24	535	28	43,152	23							
		13	11-15 hrs	70	22	4,461	21	430	21	43,677	22							
		18	16-20 hrs	66	21	3,839	18	321	16	39,156	19							
		23	21-25 hrs	30	10	2,207	11	175	9	23,926	12							
		28	26-30 hrs	19	6	1,077	5	87	5	12,000	6							
		33	More than 30 hrs	13	4	1,114	6	108	5	11,791	6							
	Total			310	100	20,672	100	2,005	100	197,056	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmocurrhrs <i>(Recorded version of tmocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	103	34	7,821	43	758	38	57,664	33	5.6	4.8	.11	5.8	-.02	5.7	-.01
		3	1-5 hrs	106	34	6,150	28	577	28	65,999	32							
		8	6-10 hrs	44	15	2,963	13	278	14	32,967	16							
		13	11-15 hrs	27	9	1,687	8	164	9	18,579	9							
		18	16-20 hrs	7	2	1,040	5	107	6	11,286	5							
		23	21-25 hrs	10	3	443	2	53	3	5,273	3							
		28	26-30 hrs	5	1	174	1	15	1	1,914	1							
		33	More than 30 hrs	7	2	282	1	45	3	2,593	1							
	Total			309	100	20,560	100	1,997	100	196,275	100							
c. Working for pay on campus	tmworkonhrs <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	240	78	16,648	83	1,576	79	151,908	79	2.0	2.2	-.04	2.6 *	-0.11	2.4	-0.07
		3	1-5 hrs	22	7	650	3	75	4	9,102	4							
		8	6-10 hrs	28	9	1,095	4	118	6	15,667	7							
		13	11-15 hrs	10	3	926	4	94	5	9,894	5							
		18	16-20 hrs	8	3	844	4	92	4	6,374	3							
		23	21-25 hrs	1	0	258	1	22	1	2,031	1							
		28	26-30 hrs	0	0	61	0	2	0	552	0							
		33	More than 30 hrs	1	0	110	1	19	1	1,028	1							
	Total			310	100	20,592	100	1,998	100	196,556	100							

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NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological 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	Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	198	64	13,032	60	1,225	60	136,551	67	6.6	8.0 *	-12	7.7	-10	5.8	.08									
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	3	881	4	83	4	9,095	4																
	8	6-10 hrs	16	5	1,098	5	102	5	10,150	5																	
	13	11-15 hrs	15	5	1,175	6	135	6	10,089	5																	
	18	16-20 hrs	24	8	1,253	6	159	8	10,518	6																	
	23	21-25 hrs	18	6	958	5	89	5	7,300	4																	
	28	26-30 hrs	15	5	591	3	67	4	4,160	2																	
	33	More than 30 hrs	14	4	1,589	11	145	9	8,624	6																	
	Total			311	100	20,577	100	2,005	100	196,487	100																
Estimated number of hours working for pay	tmworkhrs											8.5	10.1 **	-13	10.3 *	-14	8.1	.03									
(Continuous variable created by NSSE)																											
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	170	56	11,137	55	1,065	51	109,828	57	2.4	3.0 *	-11	3.2 **	-14	2.5	-0.3									
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	100	32	6,327	29	611	32	62,964	31																
	8	6-10 hrs	20	7	1,540	8	168	9	12,364	7																	
	13	11-15 hrs	12	4	729	4	75	4	5,364	3																	
	18	16-20 hrs	2	1	424	2	47	2	2,980	2																	
	23	21-25 hrs	3	1	181	1	14	1	1,378	1																	
	28	26-30 hrs	1	0	78	0	7	0	443	0																	
	33	More than 30 hrs	0	0	138	1	12	1	829	0																	
	Total			308	100	20,554	100	1,999	100	196,150	100																
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	11	4	522	3	50	3	3,712	2	11.5	11.7	-0.2	11.8	-0.3	12.1	-0.8									
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	66	21	4,977	25	521	25	42,202	22																
	8	6-10 hrs	98	31	5,409	26	521	27	54,341	27																	
	13	11-15 hrs	62	20	3,988	19	368	18	40,869	20																	
	18	16-20 hrs	33	11	2,621	12	236	12	26,248	13																	
	23	21-25 hrs	16	5	1,219	6	98	5	12,069	6																	
	28	26-30 hrs	8	3	557	3	57	3	5,389	3																	
	33	More than 30 hrs	16	5	1,275	6	145	7	11,462	6																	
	Total			310	100	20,568	100	1,996	100	196,292	100																

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NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological 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	NSSE 2016 & 2017								Your first-year students compared with							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group		NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	245	80	14,380	65	1,446	71	152,231	75	2.2	5.2 *** ▼	-0.30	3.9 *** ▼	-0.20	3.1 * ▼	-0.11	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	25	8	2,353	12	211	10	18,985	10								
	8	6-10 hrs	18	6	1,026	5	103	6	8,170	4									
	13	11-15 hrs	3	1	712	4	65	3	5,089	3									
	18	16-20 hrs	6	2	489	3	44	2	3,212	2									
	23	21-25 hrs	2	1	267	1	20	1	1,760	1									
	28	26-30 hrs	1	0	146	1	9	1	789	1									
	33	More than 30 hrs	8	2	1,144	8	95	6	5,688	4									
	Total		308	100	20,517	100	1,993	100	195,924	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	110	36	9,085	44	759	36	91,463	44	3.8	4.1	-0.05	4.8 ** ▼	-0.15	3.8	.00	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	140	46	6,814	32	730	38	66,203	34								
	8	6-10 hrs	28	9	2,473	12	243	13	21,290	12									
	13	11-15 hrs	11	3	1,006	5	119	6	8,404	5									
	18	16-20 hrs	8	3	515	3	58	3	4,039	2									
	23	21-25 hrs	5	2	255	1	31	1	1,900	1									
	28	26-30 hrs	0	0	104	1	8	0	786	0									
33	More than 30 hrs	4	1	321	2	53	3	2,302	1										
Total		306	100	20,573	100	2,001	100	196,387	100										
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
reading	1	Very little	64	21	2,473	12	297	16	21,835	12	2.3	2.8 *** ▼	-0.41	2.6 *** ▼	-0.23	2.8 *** ▼	-0.38		
	2	Some	125	41	6,717	31	687	34	63,288	33									
	3	About half	70	22	6,070	30	584	29	58,061	29									
	4	Most	36	11	3,828	19	298	15	39,100	19									
	5	Almost all	12	4	1,462	8	128	6	13,985	7									
	Total		307	100	20,550	100	1,994	100	196,269	100									
tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																		
												5.3	6.8 *** ▼	-0.24	5.6	-0.05	6.8 *** ▼	-0.25	

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NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological 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	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
(Collapsed version of tmreadinghrs created by NSSE.)	tmreadinghrscol	1	0 hrs	1	0	96	1	17	1	711	0							
		2	More than zero, up to 5 hrs	198	65	10,604	51	1,150	59	93,196	50							
		3	More than 5, up to 10 hrs	68	22	5,825	28	524	26	58,974	29							
		4	More than 10, up to 15 hrs	19	6	1,962	10	152	7	21,458	10							
		5	More than 15, up to 20 hrs	12	4	996	5	67	3	11,240	5							
		6	More than 20, up to 25 hrs	6	2	682	4	50	2	7,199	3							
		7	More than 25 hrs	3	1	308	2	24	1	2,739	1							
		Total		307	100	20,473	100	1,984	100	195,517	100							
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively	pgwrite	1	Very little	42	14	1,281	7	146	8	13,637	7	2.6	2.9 ***	-.37	2.8 ***	-.29	2.8 ***	-.29
		2	Some	95	31	5,193	25	492	26	53,225	27							
		3	Quite a bit	120	40	8,707	42	826	40	84,245	43							
		4	Very much	45	15	5,295	27	529	25	44,261	23							
		Total		302	100	20,476	100	1,993	100	195,368	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	41	14	1,953	10	193	10	20,890	11	2.5	2.8 ***	-.23	2.7 ***	-.21	2.7 *	-.14
		2	Some	103	34	6,045	29	610	30	61,369	31							
		3	Quite a bit	117	38	7,826	38	727	37	74,369	38							
		4	Very much	44	15	4,642	24	463	23	38,695	20							
		Total		305	100	20,466	100	1,993	100	195,323	100							
c. Thinking critically and analytically	pgthink	1	Very little	12	4	689	4	63	3	6,106	4	2.9	3.1 **	-.17	3.1 **	-.17	3.1 **	-.15
		2	Some	73	24	3,917	19	378	19	37,070	19							
		3	Quite a bit	141	45	8,725	42	860	44	87,310	44							
		4	Very much	78	27	7,144	35	690	34	64,874	33							
		Total		304	100	20,475	100	1,991	100	195,360	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	36	11	2,741	13	218	11	25,843	13	2.7	2.6	.07	2.8	-.06	2.6	.06
		2	Some	90	29	6,381	31	558	28	61,736	31							
		3	Quite a bit	113	38	7,106	34	742	37	68,964	35							
		4	Very much	63	22	4,206	21	475	25	38,715	21							
		Total		302	100	20,434	100	1,993	100	195,258	100							

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NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

First-Year Students

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Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2016 & 2017								Your first-year students compared with						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	37	12	2,945	15	286	14	25,888	14	2.6	2.6	.00	2.6	-.03	2.6	-.01
		2	Some	106	35	6,408	31	612	31	63,333	32							
		3	Quite a bit	99	33	6,782	32	670	34	67,335	34							
		4	Very much	61	20	4,330	21	426	21	38,721	20							
		Total		303	100	20,465	100	1,994	100	195,277	100							
f. Working effectively with others	pgothers	1	Very little	21	7	1,381	8	125	7	12,556	7	2.8	2.8	-.08	2.9	-.09	2.8	-.06
		2	Some	85	27	5,418	27	530	27	53,440	28							
		3	Quite a bit	138	45	8,188	39	795	39	80,628	40							
		4	Very much	61	20	5,468	27	536	27	48,532	25							
		Total		305	100	20,455	100	1,986	100	195,156	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	51	18	2,104	12	238	13	20,512	12	2.5	2.8 ***	-.28	2.7 ***	-.22	2.7 ***	-.24
		2	Some	105	33	5,588	27	556	29	55,199	29							
		3	Quite a bit	99	32	7,457	35	707	35	73,922	37							
		4	Very much	51	17	5,283	26	485	24	45,465	23							
		Total		306	100	20,432	100	1,986	100	195,098	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	38	13	1,944	10	205	11	17,833	10	2.5	2.8 ***	-.32	2.8 ***	-.28	2.8 ***	-.29
		2	Some	117	38	5,308	26	509	26	53,621	28							
		3	Quite a bit	101	33	7,409	36	711	35	73,018	37							
		4	Very much	48	16	5,766	28	562	28	50,589	26							
		Total		304	100	20,427	100	1,987	100	195,061	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	46	15	2,382	13	229	12	21,755	12	2.5	2.7 **	-.17	2.7 **	-.20	2.6 *	-.15
		2	Some	116	37	6,396	31	583	30	64,418	33							
		3	Quite a bit	90	29	7,167	34	735	36	70,164	35							
		4	Very much	53	18	4,462	22	439	22	38,618	20							
		Total		305	100	20,407	100	1,986	100	194,955	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	49	17	2,441	13	225	12	21,411	12	2.4	2.7 ***	-.25	2.7 ***	-.26	2.7 ***	-.25
		2	Some	118	39	6,239	30	605	31	60,541	31							
		3	Quite a bit	92	30	7,062	34	692	34	70,866	36							
		4	Very much	44	15	4,602	23	453	23	41,634	21							
		Total		303	100	20,344	100	1,975	100	194,452	100							

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological 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	Frequency Distributions ^a								Statistical Comparisons ^b						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group		NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	7	2	480	3	59	3	3,731	2	3.2	3.2	.06	3.1	.11	3.2	-.01
		2	Fair	39	13	2,650	14	317	15	23,131	13							
		3	Good	143	47	9,719	47	956	47	93,218	48							
		4	Excellent	115	38	7,615	36	660	34	75,058	38							
			Total	304	100	20,464	100	1,992	100	195,138	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	862	5	99	5	7,237	4	3.3	3.2 **	.19	3.2 **	.19	3.2 *	.13
		2	Probably no	25	8	2,688	14	297	14	23,497	12							
		3	Probably yes	132	44	8,479	41	815	41	80,570	41							
		4	Definitely yes	140	46	8,460	40	776	40	84,047	42							
			Total	305	100	20,489	100	1,987	100	195,351	100							

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2016 & 2017								Your seniors compared with						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Effect size ^e	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	16	3	913	3	60	2	7,662	3	3.0	3.2 ***	-0.23	3.2 ***	-0.28	3.1 ***	-0.16
		2	Sometimes	155	27	8,802	23	608	22	77,906	25							
		3	Often	224	39	11,525	30	812	30	100,241	31							
		4	Very often	179	30	16,725	44	1,280	46	133,558	41							
		Total		574	100	37,965	100	2,760	100	319,367	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	111	21	7,058	18	520	18	66,087	21	2.4	2.5 *	-0.09	2.5 *	-0.11	2.4	.02
		2	Sometimes	195	33	12,708	33	882	32	113,221	35							
		3	Often	158	28	9,928	27	716	27	80,863	26							
		4	Very often	106	18	7,971	22	609	23	57,094	18							
		Total		570	100	37,665	100	2,727	100	317,265	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	15	3	2,015	5	142	5	19,145	6	3.1	3.1	.03	3.1	.05	3.0 ***	.16
		2	Often	76	14	4,660	12	306	11	45,405	14							
		3	Sometimes	306	53	19,251	51	1,475	54	172,393	54							
		4	Never	175	31	11,635	32	798	30	79,891	26							
		Total		572	100	37,561	100	2,721	100	316,834	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	248	44	18,831	51	1,234	45	135,518	45	1.8	1.7 *	.11	1.8	.00	1.8	.00
		2	Sometimes	227	39	12,324	32	979	36	116,449	36							
		3	Often	42	7	3,909	10	306	11	39,738	12							
		4	Very often	54	9	2,348	6	195	7	24,468	7							
		Total		571	100	37,412	100	2,714	100	316,173	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	48	9	7,127	20	315	12	42,285	15	2.7	2.3 ***	.39	2.5 ***	.17	2.4 ***	.25
		2	Sometimes	204	36	16,007	43	1,170	43	132,256	42							
		3	Often	203	34	9,414	24	752	27	93,263	28							
		4	Very often	114	20	4,857	12	483	17	48,073	15							
		Total		569	100	37,405	100	2,720	100	315,877	100							
f. Explained course material to one or more students	CLexplain	1	Never	17	4	3,592	10	134	5	18,412	7	2.9	2.6 ***	.38	2.8 **	.13	2.7 ***	.26
		2	Sometimes	152	27	13,987	38	873	32	108,773	35							
		3	Often	239	41	12,684	33	977	36	119,880	37							
		4	Very often	163	29	7,041	19	729	27	68,343	21							
		Total		571	100	37,304	100	2,713	100	315,408	100							

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				NSSE 2016 & 2017								Your seniors compared with							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
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	66	12	9,080	25	434	17	55,500	19	2.7	2.3 ***	.40	2.6 **	.13	2.5 ***	.26	
		2	Sometimes	164	29	12,424	34	849	32	106,943	34								
		3	Often	189	32	9,318	25	751	27	90,336	28								
		4	Very often	150	27	6,360	17	673	24	61,808	19								
		Total		569	100	37,182	100	2,707	100	314,587	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	13	3	3,172	9	211	8	21,505	8	3.1	2.8 ***	.24	2.9 ***	.22	2.8 ***	.25	
		2	Sometimes	139	24	10,338	28	746	29	89,594	29								
		3	Often	204	35	12,949	34	890	33	113,652	35								
		4	Very often	213	37	10,663	29	852	31	89,152	28								
		Total		569	100	37,122	100	2,699	100	313,903	100								
i. Given a course presentation	present	1	Never	56	11	6,113	17	323	12	33,948	12	2.7	2.6 **	.11	2.7	.02	2.7	.01	
		2	Sometimes	172	31	11,051	30	846	32	95,594	31								
		3	Often	197	35	11,272	30	861	32	103,436	32								
		4	Very often	143	23	8,650	23	670	24	80,856	25								
		Total		568	100	37,086	100	2,700	100	313,834	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	20	4	1,514	4	111	4	10,436	4	2.9	2.9	.03	2.9	.00	2.9	-.01	
		2	Sometimes	160	28	10,326	28	700	27	83,127	27								
		3	Often	227	40	14,619	39	1,056	40	128,329	41								
		4	Very often	161	28	10,219	28	795	29	88,844	28								
		Total		568	100	36,678	100	2,662	100	310,736	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	58	11	2,450	7	196	8	19,776	7	2.6	2.8 ***	-.29	2.8 ***	-.26	2.8 ***	-.26	
		2	Sometimes	210	38	10,836	30	795	31	94,906	31								
		3	Often	205	35	13,466	36	925	35	114,215	36								
		4	Very often	94	16	9,761	27	731	27	80,768	25								
		Total		567	100	36,513	100	2,647	100	309,665	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	119	24	3,903	12	339	14	34,434	13	2.2	2.7 ***	-.49	2.6 ***	-.42	2.6 ***	-.43	
		2	Sometimes	247	44	12,055	33	872	34	105,711	35								
		3	Often	121	20	11,739	32	798	30	98,910	31								
		4	Very often	74	12	8,703	24	626	22	69,563	22								
		Total		561	100	36,400	100	2,635	100	308,618	100								

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2016 & 2017								Your seniors compared with							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group		NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	32	6	1,523	4	119	5	13,134	5	2.6	2.9 ***	-0.31	2.8 ***	-0.27	2.8 ***	-0.27	
		2	Sometimes	221	39	10,283	28	789	31	89,623	29								
		3	Often	231	41	15,549	43	1,053	40	133,674	43								
		4	Very often	80	13	8,923	25	666	25	71,198	23								
		Total		564	100	36,278	100	2,627	100	307,629	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	25	5	980	3	81	3	8,409	3	2.8	3.0 ***	-0.27	3.0 ***	-0.25	3.0 ***	-0.24	
		2	Sometimes	186	33	8,710	24	645	25	75,532	25								
		3	Often	234	42	15,982	44	1,111	42	136,361	44								
		4	Very often	113	20	10,438	29	781	29	85,917	28								
		Total		558	100	36,110	100	2,618	100	306,219	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	12	2	734	2	71	3	5,756	2	2.8	3.0 ***	-0.21	2.9 ***	-0.20	3.0 ***	-0.21	
		2	Sometimes	191	35	9,716	27	699	28	80,455	27								
		3	Often	249	45	15,660	43	1,089	42	136,283	44								
		4	Very often	102	18	9,863	27	748	28	82,477	26								
		Total		554	100	35,973	100	2,607	100	304,971	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	7	1	330	1	28	1	2,726	1	3.1	3.2 ***	-0.17	3.2 **	-0.13	3.2 ***	-0.15	
		2	Sometimes	101	18	5,586	16	438	18	46,244	16								
		3	Often	276	50	16,181	45	1,123	43	140,997	46								
		4	Very often	167	30	13,725	38	1,010	38	113,769	37								
		Total		551	100	35,822	100	2,599	100	303,736	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	86	17	7,890	24	434	17	50,703	18	2.5	2.3 ***	.23	2.5	.04	2.4 *	.10	
		2	Sometimes	190	35	14,129	39	966	38	118,196	39								
		3	Often	156	28	8,055	22	664	25	77,222	24								
		4	Very often	118	21	5,756	15	532	20	57,844	18								
		Total		550	100	35,830	100	2,596	100	303,965	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	180	35	17,818	52	1,079	42	124,451	44	2.1	1.8 ***	.34	2.0 **	.13	1.9 ***	.18	
		2	Sometimes	181	32	9,662	26	754	29	93,258	30								
		3	Often	113	20	4,806	13	425	16	50,097	16								
		4	Very often	79	14	3,434	9	332	12	35,447	11								
		Total		553	100	35,720	100	2,590	100	303,253	100								

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NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2016 & 2017								Your seniors compared with							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	106	20	12,301	36	664	26	78,196	28	2.3	2.0 *** ▲	.32	2.2	.07	2.2 *** ▲	.17	
		2	Sometimes	227	41	13,251	36	983	38	122,886	40								
		3	Often	142	26	6,575	18	561	22	65,988	21								
		4	Very often	73	13	3,521	10	378	14	35,341	11								
		Total		548	100	35,648	100	2,586	100	302,411	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	106	21	8,878	26	506	20	66,126	23	2.3	2.1 *** ▲	.17	2.3	-.03	2.2 * ▲	.10	
		2	Sometimes	228	41	15,712	44	1,103	42	134,279	44								
		3	Often	143	25	7,324	20	587	23	68,169	22								
		4	Very often	74	13	3,700	10	389	15	33,628	11								
		Total		551	100	35,614	100	2,585	100	302,202	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	44	8	3,736	10	222	9	25,820	9	2.7	2.7	.04	2.8	-.06	2.7	.00	
		2	Some	172	33	11,229	32	756	30	96,074	32								
		3	Quite a bit	209	38	13,416	38	986	38	117,687	39								
		4	Very much	122	21	7,285	20	630	24	62,533	21								
		Total		547	100	35,666	100	2,594	100	302,114	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	14	3	986	3	64	3	8,041	3	3.1	3.1	.03	3.1	-.03	3.1	.04	
		2	Some	101	18	6,658	19	500	20	56,376	19								
		3	Quite a bit	231	43	15,588	44	1,005	39	135,326	45								
		4	Very much	200	36	12,317	34	1,018	39	101,718	33								
		Total		546	100	35,549	100	2,587	100	301,461	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	24	5	1,173	3	82	3	9,917	4	2.9	3.1 ** ▼	-.15	3.1 *** ▼	-.21	3.0 ** ▼	-.13	
		2	Some	142	27	7,184	20	513	20	62,698	21								
		3	Quite a bit	208	38	15,184	43	983	38	128,996	43								
		4	Very much	171	31	11,918	33	1,005	38	98,848	33								
		Total		545	100	35,459	100	2,583	100	300,459	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	57	12	1,587	5	133	5	15,282	6	2.7	3.0 *** ▼	-.40	3.0 *** ▼	-.36	2.9 *** ▼	-.32	
		2	Some	173	31	7,908	22	595	24	71,436	24								
		3	Quite a bit	199	36	14,997	42	1,013	39	127,462	42								
		4	Very much	118	21	10,872	31	840	32	85,891	28								
		Total		547	100	35,364	100	2,581	100	300,071	100								

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				NSSE 2016 & 2017								Your seniors compared with							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e		Effect size ^e		Effect size ^e		
													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	30	6	1,405	4	102	4	12,271	4	2.8	3.0 ***	-0.18	3.0 ***	-0.19	2.9 **	-0.13	
		2	Some	158	29	8,080	23	606	25	71,195	24								
		3	Quite a bit	222	41	15,328	43	1,007	39	131,462	44								
		4	Very much	136	24	10,520	30	852	32	84,711	28								
		Total		546	100	35,333	100	2,567	100	299,639	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	13	3	858	3	59	3	6,230	2	3.0	3.1 **	-0.13	3.2 ***	-0.22	3.1 **	-0.13	
		2	Some	106	20	6,150	18	397	16	50,833	17								
		3	Quite a bit	262	48	14,989	42	969	37	133,735	44								
		4	Very much	164	30	13,417	38	1,155	44	109,174	36								
		Total		545	100	35,414	100	2,580	100	299,972	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	22	4	1,220	4	85	4	8,831	3	3.0	3.1	-0.05	3.1	-0.06	3.1	-0.05	
		2	Some	101	19	6,593	19	499	20	54,342	18								
		3	Quite a bit	254	46	15,130	42	1,031	40	135,781	45								
		4	Very much	169	31	12,412	35	956	36	100,706	34								
		Total		546	100	35,355	100	2,571	100	299,660	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	20	4	1,612	5	95	4	9,905	4	3.1	3.0	.02	3.1	-0.09	3.1	-0.04	
		2	Some	111	21	7,224	21	477	19	55,793	19								
		3	Quite a bit	222	40	13,971	39	937	37	125,534	42								
		4	Very much	191	35	12,510	35	1,058	41	108,067	36								
		Total		544	100	35,317	100	2,567	100	299,299	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	60	12	3,897	12	278	11	30,367	11	2.7	2.8	-0.06	2.8 *	-0.10	2.8	-0.04	
		2	Some	166	31	9,584	27	647	26	85,213	29								
		3	Quite a bit	174	31	11,791	33	836	32	103,511	34								
		4	Very much	145	26	10,041	28	805	30	80,020	26								
		Total		545	100	35,313	100	2,566	100	299,111	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	45	9	2,637	8	210	9	21,057	8	2.8	2.8	.00	2.9	-0.03	2.8	.03	
		2	Some	125	23	9,426	27	631	25	82,858	28								
		3	Quite a bit	235	42	13,345	38	937	37	118,104	39								
		4	Very much	139	25	9,786	27	784	30	76,246	25								
		Total		544	100	35,194	100	2,562	100	298,265	100								

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				Your seniors compared with																							
				Tennessee Tech				NSSE 2016 & 2017				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017			
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							
				%	%	%	%	%	%	Mean	Mean			Mean	Mean		Mean	Mean									
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	37	7	4,199	11	289	10	34,167	11	2.8	2.6 ***	.18	.13	2.7 **	.13	2.6 ***	.16	2.6 ***	.16						
		2	Sometimes	168	30	12,104	34	872	34	101,385	33																
		3	Often	221	40	12,241	35	850	34	104,910	36																
		4	Very often	119	23	6,709	20	559	22	58,144	20																
		Total		545	100	35,253	100	2,570	100	298,606	100																
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	91	17	6,626	18	509	19	55,205	18	2.4	2.4	.01	.01	2.4	-.02	2.4	.00								
		2	Sometimes	217	40	13,340	37	918	36	112,957	37																
		3	Often	151	28	10,029	29	696	27	85,055	29																
		4	Very often	84	15	5,235	15	442	18	45,089	16																
		Total		543	100	35,230	100	2,565	100	298,306	100																
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	79	15	6,439	18	468	17	49,279	16	2.4	2.4	.05	.05	2.4	-.01	2.4	.00								
		2	Sometimes	229	42	14,095	40	973	39	117,910	39																
		3	Often	170	31	10,267	29	736	29	90,858	31																
		4	Very often	67	13	4,450	13	389	15	40,633	14																
		Total		545	100	35,251	100	2,566	100	298,680	100																
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																											
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	52	11	1,729	6	205	9	14,920	6	5.8	8.4 ***	-.37	-.37	7.0 ***	-.19	7.7 ***	-.29								
		1.5	1-2	127	26	5,371	16	493	21	47,615	18																
		4	3-5	148	28	8,884	27	658	28	77,819	28																
		8	6-10	95	19	7,016	21	481	20	62,236	22																
		13	11-15	33	6	3,511	11	222	10	30,568	11																
		18	16-20	13	2	1,971	6	114	5	17,072	6																
		23	More than 20	31	6	3,767	12	184	8	25,396	9																
Total		499	100	32,249	100	2,357	100	275,626	100																		
b. Between 6 and 10 pages	wrmednum <i>(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	160	34	6,940	22	656	28	58,875	23	2.9	4.0 ***	-.24	-.24	3.2	-.09	3.6 ***	-.17								
		1.5	1-2	171	34	10,270	31	773	33	93,207	34																
		4	3-5	93	18	7,812	24	524	23	69,759	25																
		8	6-10	42	8	4,105	13	243	11	32,897	12																
		13	11-15	13	3	1,443	5	74	3	10,617	4																
		18	16-20	3	1	621	2	20	1	4,180	2																
		23	More than 20	11	2	743	3	35	2	4,106	2																
Total		493	100	31,934	100	2,325	100	273,641	100																		

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				Your seniors compared with																							
				Tennessee Tech				NSSE 2016 & 2017				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017			
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							
				%	%	%	%	%	%	Mean	Mean			Mean	Mean												
c. 11 pages or more	wrlongnum	0	None	250	52	15,012	48	1,231	52	123,048	46	1.9	2.1	-0.05	2.0	-0.02	1.9	.00									
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	159	31	10,383	32	704	30	98,527	35																
		4	3-5	45	9	3,379	11	194	9	30,706	11																
		8	6-10	13	3	1,424	5	88	4	10,844	4																
		13	11-15	13	3	688	2	43	2	4,721	2																
		18	16-20	7	1	287	1	16	1	2,070	1																
		23	More than 20	6	1	494	2	42	2	2,934	1																
		Total			493	100	31,667	100	2,318	100	272,850	100															
Estimated number of assigned pages of student writing.	wpages											67.5	88.1 ***	-0.20	75.0	-0.08	80.0 **	-0.14									
			(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)										▽				▽										
8. During the current school year, about how often have you had discussions with people from the following groups?																											
a. People of a race or ethnicity other than your own	DDrace	1	Never	42	9	1,668	5	113	5	13,289	5	2.9	3.1 ***	-0.27	3.1 ***	-0.28	3.1 ***	-0.21									
		2	Sometimes	136	26	6,750	20	483	21	65,371	23																
		3	Often	157	32	9,865	30	702	29	84,167	30																
		4	Very often	160	33	14,235	44	1,094	45	114,038	41																
			Total	495	100	32,518	100	2,392	100	276,865	100																
b. People from an economic background other than your own	DDeconomic	1	Never	26	6	1,505	5	92	4	11,205	5	3.0	3.1 **	-0.14	3.1 ***	-0.19	3.1 *	-0.11									
		2	Sometimes	106	21	7,014	21	478	21	62,722	23																
		3	Often	219	44	11,032	34	799	34	97,675	35																
		4	Very often	143	29	12,855	40	1,010	42	104,587	38																
			Total	494	100	32,406	100	2,379	100	276,189	100																
c. People with religious beliefs other than your own	DDreligion	1	Never	30	6	2,098	7	128	6	17,353	6	2.9	3.0 *	-0.09	3.0 **	-0.13	3.0 *	-0.10									
		2	Sometimes	144	29	8,635	26	611	26	72,280	26																
		3	Often	166	33	9,968	31	703	29	87,146	31																
		4	Very often	154	31	11,694	37	935	39	99,300	36																
			Total	494	100	32,395	100	2,377	100	276,079	100																
d. People with political views other than your own	DDpolitical	1	Never	23	5	2,030	7	128	6	15,092	6	3.0	3.0	.04	3.0	-0.04	3.0	.03									
		2	Sometimes	117	24	8,319	26	538	24	73,729	26																
		3	Often	184	37	10,384	32	749	31	89,421	32																
		4	Very often	171	34	11,638	36	965	39	97,620	36																
			Total	495	100	32,371	100	2,380	100	275,862	100																

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	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	19	4	656	2	60	3	5,682	2	3.0	3.2 ***	-.24	3.2 ***	-.25	3.1 ***	-.19	
		2	Sometimes	103	21	5,454	17	404	18	48,497	18								
		3	Often	223	45	13,440	42	882	37	118,931	43								
		4	Very often	145	30	12,761	39	1,022	42	101,943	37								
		Total		490	100	32,311	100	2,368	100	275,053	100								
b. Reviewed your notes after class	LSnotes	1	Never	32	7	2,189	7	113	5	20,876	8	3.0	2.9	.07	3.1	-.09	2.8 ***	.16	
		2	Sometimes	125	25	8,912	27	560	24	84,500	30								
		3	Often	148	30	10,733	34	740	32	90,099	33								
		4	Very often	189	38	10,410	32	949	40	79,347	29								
		Total		494	100	32,244	100	2,362	100	274,822	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	30	7	2,057	6	118	5	18,519	7	2.9	2.9	-.05	3.0 ***	-.18	2.8	.03	
		2	Sometimes	132	27	8,615	27	558	24	80,622	29								
		3	Often	196	39	11,806	37	791	34	101,603	37								
		4	Very often	136	27	9,626	30	881	37	73,029	27								
		Total		494	100	32,104	100	2,348	100	273,773	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	6	2	322	1	27	1	2,606	1	5.6	5.7	-.05	5.7	-.09	5.6	.03	
		2		5	1	453	2	30	1	3,804	2								
		3		18	4	1,103	4	74	3	10,270	4								
		4		36	8	2,843	9	189	8	26,675	10								
		5		151	30	8,162	25	578	24	78,195	28								
		6		123	25	8,387	26	631	26	74,909	27								
		7	Very much	150	31	10,867	34	830	35	77,220	29								
		Total		489	100	32,137	100	2,359	100	273,679	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern		Have not decided	44	9	3,775	13	251	11	24,254	10	56%	41% ***	.31	43% ***	.27	49% **	.15	
			Do not plan to do	78	17	6,312	21	448	20	44,671	17								
			Plan to do	86	18	8,100	26	620	27	63,548	24								
			Done or in progress	279	56	13,929	41	1,034	43	141,366	49								
			Total	487	100	32,116	100	2,353	100	273,839	100								

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NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

			NSSE 2016 & 2017								Your seniors compared with							
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
Item wording or description	Variable name ^c	Values ^d	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	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 <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	45	10	4,411	15	273	12	29,788	12	40%	26% *** ▲	.29	32% *** ▲	.17	35% * ▲	.10	
		Do not plan to do	213	44	15,476	49	1,092	46	118,395	45								
		Plan to do	30	6	2,953	10	223	10	21,780	8								
		Done or in progress	200	40	9,191	26	766	32	103,314	35								
		Total	488	100	32,031	100	2,354	100	273,277	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	65	14	5,097	17	348	16	36,902	14	22%	19%	.07	24%	-.04	23%	-.02	
		Do not plan to do	260	55	16,727	53	1,157	49	142,978	53								
		Plan to do	47	9	3,507	11	255	12	25,781	10								
		Done or in progress	115	22	6,617	19	583	24	66,755	23								
		Total	487	100	31,948	100	2,343	100	272,416	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	59	13	4,606	15	348	15	30,846	12	9%	8%	.03	7%	.09	14% ** ▼	-.15	
		Do not plan to do	355	73	21,862	69	1,637	69	180,537	67								
		Plan to do	25	5	2,525	8	192	9	18,877	7								
		Done or in progress	48	9	2,985	8	169	7	42,504	14								
		Total	487	100	31,978	100	2,346	100	272,764	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	66	14	5,765	19	413	18	39,716	15	29%	16% *** ▲	.31	21% *** ▲	.19	23% ** ▲	.13	
		Do not plan to do	216	45	16,515	52	1,122	47	133,854	49								
		Plan to do	58	12	4,065	13	316	14	31,491	12								
		Done or in progress	145	29	5,559	16	479	21	67,251	23								
		Total	485	100	31,904	100	2,330	100	272,312	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	34	7	4,253	14	264	11	24,317	10	55%	35% *** ▲	.40	42% *** ▲	.26	45% *** ▲	.19	
		Do not plan to do	77	16	7,884	26	486	20	55,663	21								
		Plan to do	101	22	8,046	26	613	27	62,732	24								
		Done or in progress	271	55	11,729	35	978	42	129,633	45								
		Total	483	100	31,912	100	2,341	100	272,345	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse	1 None	179	39	11,656	39	811	34	101,608	40	1.7	1.8	-.06	1.8 ** ▼	-.14	1.7	-.01	
		2 Some	251	51	15,624	47	1,161	50	136,544	48								
		3 Most	48	9	3,730	11	295	12	27,973	10								
		4 All	7	1	875	3	71	3	5,868	2								
		Total	485	100	31,885	100	2,338	100	271,993	100								

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NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	5	1	408	1	33	1	3,184	1	5.7	5.6	.07	5.6	.04	5.6	.07	
		2		8	2	528	2	32	1	4,267	2								
		3		18	3	1,310	4	98	4	11,034	4								
		4		40	8	3,326	11	226	10	27,783	10								
		5		112	23	7,477	23	553	23	65,815	24								
		6		148	30	8,429	26	629	27	75,127	27								
		7	Excellent	150	30	9,739	30	732	31	81,681	30								
		—	Not applicable	6	2	770	3	38	2	3,752	2								
			Total	487	100	31,987	100	2,341	100	272,643	100								
b. Academic advisors	QIadvisor	1	Poor	15	3	1,533	5	122	5	12,632	5	5.3	5.2	.06	5.2	.04	5.2	.07	
		2		25	6	1,575	5	114	5	13,546	5								
		3		41	8	2,367	7	155	7	20,384	8								
		4		57	12	3,833	12	288	12	33,792	12								
		5		79	17	5,702	18	426	18	49,844	18								
		6		98	20	6,140	19	443	19	53,806	19								
		7	Excellent	168	34	10,234	32	753	33	84,291	31								
		—	Not applicable	3	1	563	2	34	1	4,042	2								
			Total	486	100	31,947	100	2,335	100	272,337	100								
c. Faculty	QIfaculty	1	Poor	3	1	585	2	51	2	4,066	2	5.5	5.5	.00	5.4	.04	5.5	-.01	
		2		19	4	792	3	66	3	5,861	2								
		3		25	5	1,510	5	124	5	12,446	5								
		4		52	11	3,445	11	266	11	29,931	11								
		5		120	25	6,969	22	514	22	62,658	23								
		6		113	23	8,786	27	606	25	78,710	28								
		7	Excellent	148	30	9,368	29	685	29	75,838	28								
		—	Not applicable	5	1	398	1	20	1	2,058	1								
			Total	485	100	31,853	100	2,332	100	271,568	100								

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	22	5	1,591	5	132	6	12,676	5	5.0	4.8	.09	4.8 *	.13	4.9	.07																	
		2		20	4	1,416	4	106	5	12,563	5																								
		3		27	5	2,134	7	176	8	19,779	7																								
		4		66	13	3,644	11	302	13	36,367	13																								
		5		108	22	5,067	15	392	16	50,908	18																								
		6		96	20	4,674	14	336	14	46,725	17																								
		7	Excellent	82	17	5,420	17	395	17	45,973	17																								
		—	Not applicable	66	14	7,915	27	492	22	46,672	19																								
Total				487	100	31,861	100	2,331	100	271,663	100																								
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	22	5	1,802	6	194	9	13,847	5	4.9	4.9	-.01	4.6 **	.16	4.9	.02																	
		2		27	5	1,650	5	144	6	14,610	5																								
		3		43	9	2,446	8	214	9	22,836	8																								
		4		89	18	4,466	14	375	16	41,716	15																								
		5		94	18	6,266	19	479	20	58,112	21																								
		6		91	19	6,033	19	396	17	53,613	19																								
		7	Excellent	102	22	7,014	22	440	19	52,173	20																								
		—	Not applicable	18	4	2,264	7	93	4	15,316	6																								
Total				486	100	31,941	100	2,335	100	272,223	100																								
14. How much does your institution emphasize the following?																																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	16	4	658	2	40	2	4,842	2	3.1	3.1	-.03	3.2	-.06	3.1	-.05																	
		2	Some	73	16	5,286	18	372	17	43,854	17																								
		3	Quite a bit	211	46	13,754	45	1,011	45	120,390	46																								
		4	Very much	163	35	10,950	35	828	36	94,094	35																								
		Total				463	100	30,648	100	2,251	100								263,180	100															
b. Providing support to help students succeed academically	SEacademic	1	Very little	25	6	1,585	6	118	6	12,156	5	2.9	2.9	-.04	2.9	-.04	2.9	-.04																	
		2	Some	107	23	7,126	24	541	25	61,246	24																								
		3	Quite a bit	211	45	12,555	41	893	40	113,198	43																								
		4	Very much	118	26	9,159	29	679	30	74,918	28																								
		Total				461	100	30,425	100	2,231	100								261,518	100															
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	57	13	2,658	9	197	9	22,789	9	2.7	2.9 ***	-.24	2.9 ***	-.21	2.8 ***	-.20																	
		2	Some	140	30	7,096	24	546	25	64,657	25																								
		3	Quite a bit	160	35	11,300	37	813	36	99,701	38																								
		4	Very much	103	22	9,403	30	682	30	74,584	28																								
		Total				460	100	30,457	100	2,238	100								261,731	100															

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2016 & 2017								Your seniors compared with						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Effect size ^e	Effect size ^e	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Effect size ^e	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	68	15	4,465	15	326	15	38,183	15	2.5	2.7 **	-0.14	2.6	-0.09	2.6 *	-0.10
		2	Some	171	36	8,804	29	703	32	80,406	31							
		3	Quite a bit	136	30	9,884	32	701	31	84,429	32							
		4	Very much	85	18	7,262	24	509	22	58,359	22							
		Total		460	100	30,415	100	2,239	100	261,377	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	31	7	3,354	12	170	8	21,905	9	2.8	2.7	.07	2.9	-0.09	2.8	-0.02
		2	Some	131	28	8,207	28	571	26	67,715	27							
		3	Quite a bit	192	42	11,005	35	812	36	101,732	38							
		4	Very much	107	22	7,807	25	681	30	69,816	26							
		Total		461	100	30,373	100	2,234	100	261,168	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	64	14	4,261	15	243	12	29,067	12	2.7	2.6	.01	2.8 *	-0.13	2.7	-0.08
		2	Some	128	28	8,293	28	562	26	70,577	27							
		3	Quite a bit	165	36	10,396	33	774	34	96,231	36							
		4	Very much	104	22	7,361	23	655	28	64,841	24							
		Total		461	100	30,311	100	2,234	100	260,716	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	179	39	10,372	35	731	34	85,621	34	2.0	2.1 **	-0.12	2.1 **	-0.14	2.1 *	-0.12
		2	Some	155	34	9,958	32	772	35	92,139	35							
		3	Quite a bit	87	19	6,334	20	452	20	54,737	21							
		4	Very much	39	8	3,653	12	278	12	28,158	11							
		Total		460	100	30,317	100	2,233	100	260,655	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	63	14	6,439	24	293	14	41,083	18	2.5	2.4	.07	2.7 ***	-0.19	2.6	-0.07
		2	Some	175	38	8,721	29	635	29	76,785	29							
		3	Quite a bit	154	34	9,339	29	752	33	88,966	33							
		4	Very much	68	14	5,715	18	548	24	53,298	20							
		Total		460	100	30,214	100	2,228	100	260,132	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	103	23	7,429	26	450	21	51,254	21	2.2	2.3	-0.06	2.4 ***	-0.18	2.4 ***	-0.16
		2	Some	204	45	10,359	34	823	37	92,768	36							
		3	Quite a bit	106	23	8,098	26	576	25	76,997	29							
		4	Very much	45	10	4,265	14	376	17	38,807	14							
		Total		458	100	30,151	100	2,225	100	259,826	100							

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017																									
				Count		%		Count		%		Count		%		Count		%		Count		%		Count		%		Count		%		Count		%		Count		%		Effect size ^e		Effect size ^e		Effect size ^e		Effect size ^e											
				Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	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 <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	5 47 83 90 80 50 43 60	2 10 18 20 17 11 9 13	134 3,787 6,793 6,094 5,496 3,324 2,080 2,575	0 13 22 20 18 11 7 9	11 316 547 444 365 225 137 192	1 14 24 20 16 10 6 9	1,041 32,491 58,189 52,722 47,402 28,516 17,237 22,598	0 13 23 20 18 11 6 9	16.8				15.3 *** .17				14.9 *** .22				15.2 *** .18																																	
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcoccrrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	151 136 80 35 22 12 9 8	35 30 17 7 5 3 2 2	15,758 7,040 3,117 1,748 1,256 598 251 395	55 22 10 5 4 2 1 1	1,092 563 252 138 80 38 22 35	50 25 11 6 4 2 1 2	104,957 74,110 34,601 19,612 12,785 6,413 2,725 4,188	43 27 13 7 5 2 1 2	5.8				3.9 *** .28				4.3 *** .21				4.9 * .13																																	
c. Working for pay on campus	tmworkonhrs <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	312 29 64 16 18 6 3 8	69 6 14 3 4 1 1 2	23,508 928 1,626 1,411 1,608 499 206 401	80 3 5 4 5 1 1 1	1,668 73 144 107 148 25 13 45	76 3 6 5 6 1 1 2	180,330 13,331 23,416 17,123 15,806 4,770 1,877 2,950	72 4 8 6 6 2 1 1	3.6				2.8 * .11				3.6 .00				3.6 -.01																																	

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	203	45	11,030	35	838	37	112,059	42	10.7	▼	15.8 ***	-.36	▼	14.6 ***	-.29	▼	12.8 ***	-.15						
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	30	6	1,206	4	85	4	12,888	5																
	8	6-10 hrs	30	7	1,563	5	115	5	16,332	6																	
	13	11-15 hrs	29	6	1,703	5	142	6	17,227	6																	
	18	16-20 hrs	57	12	2,527	8	216	9	23,064	9																	
	23	21-25 hrs	24	5	2,154	7	173	8	17,875	7																	
	28	26-30 hrs	30	6	1,675	6	146	6	13,124	5																	
	33	More than 30 hrs	52	12	8,286	30	508	25	46,844	21																	
	Total			455	100	30,144	100	2,223	100	259,413	100																
Estimated number of hours working for pay	tmworkhrs											14.2	▼	18.6 ***	-.32	▼	18.2 ***	-.28	▼	16.3 ***	-.16						
	(Continuous variable created by NSSE)																										
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	217	50	13,941	47	986	45	123,992	49	3.2	▼	3.7	-.08	▼	4.0 *	-.12	▼	3.2	-.01						
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	154	32	10,200	33	789	35	91,840	34																
	8	6-10 hrs	45	10	2,946	10	219	10	22,287	9																	
	13	11-15 hrs	19	4	1,359	5	91	4	9,340	4																	
	18	16-20 hrs	10	2	786	3	54	3	5,645	2																	
	23	21-25 hrs	5	1	367	1	26	1	2,459	1																	
	28	26-30 hrs	0	0	166	1	21	1	1,099	0																	
	33	More than 30 hrs	6	1	339	1	35	2	2,381	1																	
	Total			456	100	30,104	100	2,221	100	259,043	100																
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	12	3	1,277	5	91	4	7,934	3	11.6	▲	9.7 ***	.24	▲	10.1 ***	.19	▲	10.5 **	.14						
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	116	26	9,865	33	743	33	73,683	29																
	8	6-10 hrs	128	27	8,241	27	558	25	73,787	28																	
	13	11-15 hrs	83	17	4,895	16	381	17	46,599	18																	
	18	16-20 hrs	54	12	2,948	10	203	9	28,799	11																	
	23	21-25 hrs	21	5	1,219	4	105	5	12,151	5																	
	28	26-30 hrs	11	3	562	2	42	2	5,488	2																	
	33	More than 30 hrs	31	8	1,162	4	97	5	10,938	4																	
	Total			456	100	30,169	100	2,220	100	259,379	100																

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class		THEC Peer Group		NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
g. Providing care for dependents (children, parents, etc.)	tmcarehrs <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	327	73	16,030	51	1,274	56	169,235	63	3.8	9.0 ***	-0.41	7.8 ***	-0.35	6.4 ***	-0.23		
		3	1-5 hrs	45	10	3,629	12	263	12	26,916	10									
		8	6-10 hrs	22	5	1,875	6	116	5	12,620	5									
		13	11-15 hrs	14	3	1,311	5	93	4	8,138	3									
		18	16-20 hrs	14	3	1,089	4	84	4	6,894	3									
		23	21-25 hrs	3	1	601	2	35	2	3,677	2									
		28	26-30 hrs	2	0	462	2	25	1	2,732	1									
		33	More than 30 hrs	28	6	5,126	18	334	15	28,739	12									
		Total				455	100	30,123	100	2,224	100								258,951	100
		h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	45	10	9,538	33	395	18								64,170	24
3	1-5 hrs			289	63	12,523	40	1,183	52	127,553	49									
8	6-10 hrs			72	16	4,646	16	361	16	40,451	16									
13	11-15 hrs			23	5	1,682	6	129	6	13,709	6									
18	16-20 hrs			15	3	726	3	64	3	5,656	2									
23	21-25 hrs			0	0	335	1	36	2	2,478	1									
28	26-30 hrs			3	1	165	1	12	1	1,304	1									
33	More than 30 hrs			9	2	557	2	52	3	4,248	2									
Total				456	100	30,172	100	2,232	100	259,569	100									
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																				
reading	tmreadinghrs	1	Very little	122	28	3,652	12	357	16	34,505	14	2.2	3.0 ***	-0.61	2.8 ***	-0.49	2.9 ***	-0.53		
		2	Some	171	37	7,669	25	596	27	70,473	27									
		3	About half	99	21	8,818	30	590	27	71,906	28									
		4	Most	52	11	6,977	23	476	21	57,377	22									
		5	Almost all	13	2	3,048	10	204	9	25,167	9									
		Total				457	100	30,164	100	2,223	100								259,428	100
												5.7	7.9 ***	-0.32	7.1 ***	-0.23	7.4 ***	-0.26		
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																				

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2016 & 2017								Your seniors compared with						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Effect size ^e	Effect size ^e
	tmreadinghrscol	1	0 hrs	5	2	132	0	11	1	1,020	0							
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	262	57	13,178	43	1,098	49	117,663	46							
		3	More than 5, up to 10 hrs	127	28	8,813	29	609	28	76,713	29							
		4	More than 10, up to 15 hrs	30	7	3,544	12	214	9	28,889	11							
		5	More than 15, up to 20 hrs	15	3	1,993	7	123	6	16,586	6							
		6	More than 20, up to 25 hrs	17	4	1,627	6	112	5	11,880	4							
		7	More than 25 hrs	1	0	743	3	49	2	5,623	2							
		Total		457	100	30,030	100	2,216	100	258,374	100							
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively	pgwrite	1	Very little	37	9	1,606	6	150	7	13,983	6	2.8	3.0 ***	-0.30	3.0 ***	-0.22	3.0 ***	-0.25
		2	Some	128	29	6,056	20	486	22	54,893	22							
		3	Quite a bit	172	37	11,441	38	809	36	100,316	38							
		4	Very much	117	25	10,977	36	776	34	89,447	34							
		Total		454	100	30,080	100	2,221	100	258,639	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	37	9	2,709	10	192	9	19,343	8	2.8	2.9	-0.06	2.9	-0.09	2.9	-0.08
		2	Some	114	26	6,949	23	526	24	60,115	24							
		3	Quite a bit	175	38	10,816	35	769	34	96,736	37							
		4	Very much	128	27	9,591	32	739	33	82,497	31							
		Total		454	100	30,065	100	2,226	100	258,691	100							
c. Thinking critically and analytically	pgthink	1	Very little	10	3	793	3	71	3	5,940	3	3.2	3.3	-0.05	3.3	-0.06	3.3	-0.09
		2	Some	65	15	4,043	14	315	14	31,945	13							
		3	Quite a bit	184	40	11,055	36	754	34	96,282	37							
		4	Very much	194	43	14,193	47	1,084	48	124,624	47							
		Total		453	100	30,084	100	2,224	100	258,791	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	38	8	3,380	11	218	9	26,668	10	3.0	2.8 ***	.17	2.9 *	.12	2.9 **	.13
		2	Some	105	22	8,016	26	603	27	68,390	26							
		3	Quite a bit	154	34	9,806	33	712	32	84,981	33							
		4	Very much	159	36	8,885	30	687	32	78,606	31							
		Total		456	100	30,087	100	2,220	100	258,645	100							

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				NSSE 2016 & 2017								Your seniors compared with							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
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	
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	26	6	2,690	10	217	10	21,808	9	3.0	2.9	.09	2.9	.08	2.9	.08	
		2	Some	105	23	6,761	23	491	23	59,834	23								
		3	Quite a bit	166	36	10,101	33	731	33	88,575	34								
		4	Very much	159	35	10,546	34	786	35	88,579	34								
		Total		456	100	30,098	100	2,225	100	258,796	100								
f. Working effectively with others	pgothers	1	Very little	23	5	1,754	6	143	7	12,426	6	3.1	3.0 *	.10	3.0	.08	3.0	.08	
		2	Some	72	16	6,294	22	447	21	52,959	21								
		3	Quite a bit	191	41	11,086	36	784	35	98,821	38								
		4	Very much	170	37	10,922	36	846	37	94,300	35								
		Total		456	100	30,056	100	2,220	100	258,506	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	45	11	3,063	11	290	14	26,191	11	2.8	2.9 *	-.10	2.8	-.01	2.8	-.06	
		2	Some	116	25	6,878	23	546	25	61,363	24								
		3	Quite a bit	184	39	10,051	33	695	31	88,605	34								
		4	Very much	111	25	10,083	33	692	30	82,385	31								
		Total		456	100	30,075	100	2,223	100	258,544	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	50	12	2,958	10	255	12	25,018	11	2.7	2.9 ***	-.20	2.8 *	-.12	2.8 ***	-.17	
		2	Some	144	32	7,448	25	580	27	67,136	26								
		3	Quite a bit	163	34	9,969	33	722	32	86,983	33								
		4	Very much	98	22	9,690	32	665	29	79,301	30								
		Total		455	100	30,065	100	2,222	100	258,438	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	32	7	3,014	11	230	11	23,369	10	2.9	2.8 *	.10	2.8	.10	2.8	.09	
		2	Some	114	25	7,955	27	595	27	69,560	27								
		3	Quite a bit	179	38	10,301	34	722	32	91,815	35								
		4	Very much	131	30	8,764	29	670	30	73,607	28								
		Total		456	100	30,034	100	2,217	100	258,351	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	66	16	3,973	14	333	16	31,867	13	2.5	2.7 ***	-.18	2.6 *	-.12	2.7 ***	-.17	
		2	Some	157	34	8,471	28	636	29	74,284	29								
		3	Quite a bit	153	33	9,413	31	665	30	84,371	32								
		4	Very much	79	18	8,091	27	577	25	66,984	26								
		Total		455	100	29,948	100	2,211	100	257,506	100								

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

NSSE 2017 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group		NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	7	2	781	3	55	3	5,982	3	3.3	3.2 *	.10	3.2 **	.16	3.3	.06
		2	Fair	46	11	3,552	13	280	13	28,668	12							
		3	Good	197	43	12,788	43	1,012	46	110,390	42							
		4	Excellent	204	45	12,985	42	875	38	113,544	43							
			Total	454	100	30,106	100	2,222	100	258,584	100							
19. If you could start over again, would you go to the same institution you are now attending?																		
	sameinst	1	Definitely no	15	4	1,539	6	110	5	11,764	5	3.3	3.2 **	.15	3.2 **	.16	3.2 *	.11
		2	Probably no	53	12	3,787	13	271	12	31,983	12							
		3	Probably yes	157	34	11,247	37	898	40	98,533	38							
		4	Definitely yes	232	51	13,572	44	950	42	116,645	45							
			Total	457	100	30,145	100	2,229	100	258,925	100							

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

NSSE 2017 Frequencies and Statistical Comparisons

Detailed Statistics^g

Tennessee Technological University

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Tennessee Tech	Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017
1 a. askquest	415	2.70	2.89	2.87	2.83	.039	.005	.018	.002	.79	.87	.88	.85	28,560	2,698	230,727	.000	.000	.003	-.21	-.19	-.15
b. drafts	413	2.42	2.59	2.56	2.49	.051	.006	.021	.002	1.03	.99	1.01	.98	28,354	2,680	414	.000	.013	.169	-.18	-.13	-.07
c. unpreparedr	416	3.13	3.10	3.10	3.04	.036	.005	.016	.002	.74	.79	.77	.77	28,266	2,683	228,405	.428	.438	.027	.04	.04	.11
d. attendart	415	2.25	1.85	2.03	1.93	.046	.006	.020	.002	.95	.93	.97	.92	28,107	2,676	415	.000	.000	.000	.43	.22	.34
e. CLaskhelp	412	2.79	2.46	2.67	2.59	.044	.006	.019	.002	.90	.95	.92	.89	425	2,665	227,321	.000	.014	.000	.35	.13	.22
f. CLexplain	413	2.72	2.59	2.76	2.69	.039	.005	.018	.002	.79	.88	.86	.84	428	2,661	226,741	.001	.382	.485	.15	-.05	.03
g. CLstudy	412	2.66	2.40	2.61	2.53	.047	.006	.021	.002	.96	1.00	.99	.96	27,896	2,655	225,894	.000	.378	.005	.26	.05	.14
h. CLproject	411	2.69	2.55	2.67	2.62	.042	.006	.019	.002	.86	.91	.91	.88	424	593	224,970	.002	.766	.106	.15	.02	.08
i. present	412	2.24	2.31	2.26	2.28	.045	.006	.020	.002	.91	.93	.95	.90	27,699	2,651	224,846	.172	.734	.416	-.07	-.02	-.04
2 a. RIntegrate	406	2.44	2.57	2.55	2.58	.042	.005	.019	.002	.85	.87	.89	.84	27,242	2,596	221,301	.004	.021	.001	-.14	-.12	-.16
b. RISocietal	404	2.31	2.59	2.55	2.57	.041	.005	.019	.002	.83	.89	.88	.87	418	587	405	.000	.000	.000	-.31	-.27	-.30
c. RIDiverse	403	2.33	2.59	2.57	2.57	.042	.006	.020	.002	.85	.91	.91	.89	417	591	404	.000	.000	.000	-.29	-.26	-.26
d. Rlownview	401	2.66	2.81	2.78	2.77	.039	.005	.018	.002	.78	.82	.85	.81	26,782	2,562	217,692	.000	.009	.006	-.18	-.14	-.14
e. Rlperspect	396	2.81	2.94	2.93	2.90	.040	.005	.018	.002	.80	.81	.83	.80	26,648	2,535	216,203	.002	.008	.034	-.15	-.14	-.11
f. Rlnewview	396	2.74	2.87	2.85	2.85	.039	.005	.018	.002	.78	.81	.81	.79	26,484	2,525	214,702	.002	.013	.005	-.16	-.14	-.14
g. Rlconnect	394	2.91	3.04	2.99	3.02	.036	.005	.017	.002	.72	.77	.79	.74	26,301	2,506	213,427	.001	.067	.003	-.16	-.10	-.15
3 a. SFcareer	394	2.33	2.23	2.33	2.25	.048	.006	.021	.002	.96	.95	.97	.92	26,323	2,508	394	.030	.987	.088	.11	.00	.09
b. SFotherwork	393	1.83	1.72	1.86	1.77	.047	.006	.021	.002	.94	.92	.97	.91	26,268	2,501	212,851	.017	.552	.212	.12	-.03	.06
c. SFdiscuss	389	1.97	1.90	2.03	1.99	.045	.006	.021	.002	.89	.91	.95	.89	401	566	211,851	.115	.238	.693	.08	-.06	-.02
d. SFperform	389	2.20	2.11	2.22	2.12	.044	.006	.021	.002	.86	.90	.94	.88	26,113	574	211,670	.042	.641	.073	.10	-.02	.09
4 a. memorize	388	2.98	2.88	2.91	2.90	.041	.005	.018	.002	.80	.84	.82	.81	400	2,476	211,363	.020	.128	.045	.11	.08	.10
b. HOapply	388	2.87	2.90	2.92	2.92	.043	.005	.019	.002	.86	.82	.85	.80	25,974	2,472	389	.424	.295	.243	-.04	-.06	-.06
c. HOanalyze	386	2.75	2.92	2.91	2.91	.044	.005	.019	.002	.86	.83	.85	.81	396	2,468	386	.000	.001	.000	-.19	-.19	-.19
d. HOevaluate	386	2.69	2.93	2.89	2.88	.045	.005	.018	.002	.88	.82	.83	.81	395	521	386	.000	.000	.000	-.29	-.24	-.24
e. HOform	386	2.80	2.89	2.85	2.87	.043	.005	.019	.002	.84	.83	.85	.81	25,723	2,455	208,918	.056	.381	.146	-.10	-.05	-.07
5 a. ETgoals	381	3.03	3.07	3.11	3.07	.040	.005	.018	.002	.77	.81	.83	.77	393	556	208,949	.357	.059	.304	-.05	-.10	-.05
b. ETorganize	382	3.07	3.01	2.99	3.02	.041	.005	.019	.002	.80	.85	.87	.80	25,690	2,445	208,619	.179	.079	.221	.07	.10	.06
c. ETexample	383	3.09	3.00	3.01	3.02	.040	.005	.019	.002	.79	.86	.88	.82	25,644	574	208,306	.039	.061	.113	.11	.10	.08
d. ETdraftfb	383	2.78	2.85	2.88	2.82	.046	.006	.020	.002	.91	.94	.92	.91	25,615	2,435	208,203	.158	.055	.408	-.07	-.11	-.04
e. ETfeedback	382	2.77	2.76	2.75	2.74	.046	.006	.021	.002	.91	.93	.94	.90	25,524	2,427	207,674	.879	.797	.522	.01	.01	.03

NSSE 2017 Frequencies and Statistical Comparisons

Detailed Statistics^g

Tennessee Technological University

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e			
		Tennessee Tech	Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
															Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017
6 a. QRconclude	379	2.56	2.55	2.62	2.57	.047	.006	.020	.002	.91	.90	.92	.88	25,558	2,434	207,715	.839	.261	.860	.01	-.06	-.01	
b. QRproblem	381	2.20	2.29	2.36	2.29	.047	.006	.021	.002	.91	.94	.96	.91	25,538	547	207,566	.052	.002	.060	-.10	-.17	-.10	
c. QRevaluate	375	2.20	2.26	2.31	2.28	.045	.006	.021	.002	.87	.91	.94	.88	25,558	546	207,616	.260	.031	.081	-.06	-.12	-.09	
7 a. wrshortnum	338	4.63	6.68	5.31	6.63	.234	.039	.116	.013	4.31	5.85	5.01	5.71	356	518	340	.000	.010	.000	-.35	-.14	-.35	
b. wrmednum	338	1.34	2.37	1.65	2.24	.142	.024	.071	.007	2.62	3.61	3.05	3.23	357	521	339	.000	.059	.000	-.28	-.10	-.28	
c. wrlongnum	338	.38	1.05	.78	.89	.103	.021	.065	.006	1.89	3.18	2.78	2.73	366	642	339	.000	.001	.000	-.21	-.15	-.19	
— wrpages	335	28.22	53.51	39.28	50.30	2.200	.524	1.570	.158	40.25	77.71	66.35	67.77	373	725	337	.000	.000	.000	-.33	-.18	-.33	
8 a. DDrace	338	2.88	3.04	3.04	3.03	.048	.006	.021	.002	.89	.94	.92	.91	22,958	2,189	187,668	.002	.005	.002	-.17	-.17	-.17	
b. DDeconomic	336	2.93	2.99	3.01	3.01	.047	.006	.021	.002	.86	.91	.90	.88	22,864	2,178	187,049	.174	.098	.079	-.07	-.10	-.10	
c. DDreligion	336	2.84	2.90	2.90	2.93	.052	.006	.022	.002	.95	.96	.96	.94	22,880	2,187	187,041	.313	.338	.088	-.06	-.06	-.09	
d. DDpolitical	336	2.95	2.92	2.92	2.95	.049	.006	.022	.002	.90	.95	.95	.92	22,844	2,173	186,902	.559	.596	.977	.03	.03	.00	
9 a. LSreading	336	2.89	3.06	3.02	3.04	.041	.005	.019	.002	.75	.78	.81	.76	22,727	2,164	185,852	.000	.005	.000	-.21	-.17	-.20	
b. LSnotes	337	3.03	2.96	3.07	2.90	.046	.006	.020	.002	.85	.89	.85	.88	22,681	2,165	185,732	.172	.362	.007	.07	-.05	.15	
c. LSsummary	333	2.80	2.87	2.94	2.81	.046	.006	.020	.002	.84	.88	.86	.87	22,585	2,151	184,948	.154	.009	.933	-.08	-.16	.00	
10. challenge	334	5.49	5.45	5.48	5.44	.064	.009	.032	.003	1.17	1.32	1.35	1.24	346	511	184,927	.536	.834	.423	.03	.01	.04	
11 a. intern ^l	331	.037	.076	.080	.078	.0104	.0018	.0064	.0006	--	--	--	--	--	--	--	.008	.006	.005	-.17	-.19	-.18	
b. leader ^l	331	.085	.096	.088	.111	.0154	.0020	.0067	.0007	--	--	--	--	--	--	--	.528	.872	.134	-.04	-.01	-.09	
c. learncom ^l	332	.046	.127	.137	.136	.0116	.0022	.0081	.0008	--	--	--	--	--	--	--	.000	.000	.000	-.29	-.32	-.32	
d. abroad ^l	333	.014	.026	.027	.030	.0063	.0011	.0038	.0004	--	--	--	--	--	--	--	.144	.157	.075	-.09	-.09	-.12	
e. research ^l	333	.047	.042	.063	.047	.0116	.0014	.0057	.0005	--	--	--	--	--	--	--	.697	.258	.980	.02	-.07	.00	
f. capstone ^l	331	.015	.024	.032	.021	.0066	.0010	.0041	.0003	--	--	--	--	--	--	--	.267	.087	.410	-.07	-.12	-.05	
12. servcourse	332	1.58	1.68	1.76	1.63	.035	.005	.017	.002	.64	.73	.70	.70	344	2,125	182,446	.004	.000	.160	-.14	-.26	-.08	
13 a. QIstudent	329	5.46	5.34	5.30	5.40	.073	.010	.034	.003	1.32	1.47	1.45	1.40	340	2,101	180,491	.102	.072	.471	.08	.11	.04	
b. QIadvisor	330	5.42	5.19	5.12	5.20	.089	.012	.041	.004	1.61	1.73	1.73	1.66	21,717	2,100	178,426	.014	.003	.015	.14	.18	.13	
c. QIfaculty	327	5.37	5.20	5.14	5.28	.079	.010	.037	.003	1.42	1.54	1.55	1.44	21,819	2,111	179,908	.049	.013	.256	.11	.15	.06	
d. QIstaff	309	5.19	4.90	4.88	5.01	.093	.013	.043	.004	1.63	1.78	1.75	1.66	320	1,948	163,134	.003	.005	.068	.16	.17	.10	
e. QIadmin	319	4.97	4.87	4.67	4.95	.092	.012	.044	.004	1.65	1.79	1.84	1.67	330	475	169,570	.249	.003	.840	.06	.17	.01	
14 a. empstudy	315	3.12	3.12	3.13	3.14	.041	.005	.019	.002	.72	.77	.77	.75	21,022	456	173,677	.880	.813	.616	-.01	-.01	-.03	
b. SEacademic	311	3.00	3.03	3.05	3.06	.044	.006	.021	.002	.78	.86	.85	.82	321	455	172,391	.393	.278	.202	-.04	-.06	-.07	
c. SElearnsup	313	3.02	3.10	3.10	3.09	.050	.006	.022	.002	.89	.90	.92	.89	20,864	1,998	172,376	.119	.155	.178	-.09	-.09	-.08	

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														Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017			
d. SEdiverse	312	2.60	2.77	2.73	2.78	.052	.007	.024	.002	.92	.97	.97	.95	20,828	1,989	172,159	.002	.019	.001	-.18	-.14	-.19			
e. SESocial	311	2.85	2.90	2.94	2.96	.047	.007	.022	.002	.83	.93	.91	.88	322	1,987	171,911	.363	.104	.041	-.05	-.10	-.12			
f. SEwellness	311	2.86	2.86	2.93	2.93	.048	.007	.022	.002	.84	.95	.91	.90	322	1,986	171,641	.860	.188	.149	-.01	-.08	-.08			
g. SEonacad	311	2.25	2.37	2.42	2.37	.053	.007	.025	.002	.93	1.01	1.01	.97	321	457	311	.022	.004	.024	-.12	-.17	-.12			
h. SEactivities	311	2.75	2.69	2.90	2.80	.048	.007	.023	.002	.85	1.02	.92	.94	323	1,978	311	.180	.011	.288	.06	-.16	-.05			
i. SEevents	307	2.42	2.45	2.53	2.55	.050	.007	.024	.002	.88	1.00	.98	.96	318	458	307	.522	.044	.007	-.03	-.12	-.14			
15 a. tmprephrs	311	14.33	14.21	13.34	14.74	.449	.059	.202	.020	7.92	8.38	8.26	8.29	20,759	1,978	171,174	.809	.052	.379	.01	.12	-.05			
b. tmcocurrhrs	310	5.62	4.85	5.75	5.71	.424	.048	.190	.017	7.47	6.87	7.74	7.01	20,618	1,969	170,405	.050	.772	.819	.11	-.02	-.01			
c. tmworkonhrs	311	1.98	2.20	2.61	2.38	.262	.040	.152	.014	4.63	5.73	6.19	5.63	325	541	312	.397	.037	.130	-.04	-.11	-.07			
d. tmworkoffhrs	312	6.55	7.95	7.72	5.76	.589	.082	.277	.024	10.41	11.73	11.31	10.09	324	460	312	.019	.073	.179	-.12	-.10	.08			
— tmworkhrs	311	8.45	10.12	10.27	8.10	.636	.091	.319	.028	11.22	12.93	12.97	11.54	323	480	169,846	.010	.011	.589	-.13	-.14	.03			
e. tmservicehrs	309	2.42	2.99	3.16	2.54	.240	.038	.132	.011	4.21	5.44	5.37	4.72	324	513	170,282	.018	.007	.653	-.11	-.14	-.03			
f. tmrelaxhrs	311	11.48	11.66	11.78	12.14	.469	.061	.218	.021	8.27	8.70	8.89	8.50	20,634	1,970	170,441	.716	.573	.169	-.02	-.03	-.08			
g. tmcarehrs	309	2.22	5.16	3.87	3.07	.359	.070	.211	.018	6.31	9.98	8.61	7.61	332	546	309	.000	.000	.019	-.30	-.20	-.11			
h. tmcommutehrs	307	3.79	4.11	4.81	3.79	.323	.045	.171	.014	5.66	6.37	6.98	5.90	318	494	170,492	.329	.005	.994	-.05	-.15	.00			
16. reading	308	2.35	2.80	2.60	2.76	.060	.008	.027	.003	1.05	1.11	1.10	1.10	20,619	1,966	170,354	.000	.000	.000	-.41	-.23	-.38			
— tmreadinghrs	308	5.33	6.79	5.62	6.81	.294	.043	.133	.014	5.16	6.15	5.42	5.89	320	1,957	308	.000	.379	.000	-.24	-.05	-.25			
17 a. pgwrite	303	2.56	2.89	2.82	2.81	.052	.006	.022	.002	.91	.87	.90	.87	310	1,958	303	.000	.000	.000	-.37	-.29	-.29			
b. pgspeak	306	2.54	2.75	2.73	2.67	.052	.007	.023	.002	.90	.93	.93	.92	20,530	1,961	169,495	.000	.001	.012	-.23	-.21	-.14			
c. pgthink	305	2.94	3.08	3.08	3.07	.047	.006	.020	.002	.82	.83	.81	.81	20,545	1,960	169,544	.004	.005	.007	-.17	-.17	-.15			
d. pganalyze	303	2.70	2.64	2.76	2.64	.054	.007	.023	.002	.94	.96	.94	.95	20,499	1,959	169,436	.260	.317	.293	.07	-.06	.06			
e. pgwork	304	2.60	2.60	2.62	2.60	.054	.007	.024	.002	.94	.99	.97	.96	20,528	1,959	169,470	.963	.653	.917	.00	-.03	-.01			
f. pgothers	306	2.78	2.85	2.86	2.83	.049	.006	.022	.002	.85	.91	.90	.88	20,525	1,954	169,370	.189	.133	.332	-.08	-.09	-.06			
g. pgvalues	307	2.48	2.75	2.70	2.71	.055	.007	.024	.002	.97	.97	.97	.95	20,484	1,956	169,268	.000	.000	.000	-.28	-.22	-.24			
h. pgdiverse	305	2.51	2.82	2.78	2.79	.052	.007	.024	.002	.91	.96	.98	.94	20,496	1,953	169,271	.000	.000	.000	-.32	-.28	-.29			
i. pgprobsolve	306	2.50	2.67	2.69	2.64	.055	.007	.023	.002	.96	.96	.94	.93	20,467	1,955	169,154	.003	.001	.011	-.17	-.20	-.15			
j. pgcitizen	304	2.43	2.67	2.68	2.67	.054	.007	.024	.002	.94	.97	.96	.94	20,397	1,940	168,677	.000	.000	.000	-.25	-.26	-.25			
18. evalexp	304	3.20	3.16	3.12	3.20	.043	.005	.019	.002	.75	.77	.78	.74	20,527	1,961	169,387	.324	.082	.928	.06	.11	-.01			
19. sameinst	306	3.32	3.16	3.16	3.22	.042	.006	.021	.002	.74	.85	.85	.81	20,556	1,957	169,570	.001	.002	.028	.19	.19	.13			

NSSE 2017 Frequencies and Statistical Comparisons

Detailed Statistics^B

Tennessee Technological University

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Tennessee Tech	Tennessee Tech				Tennessee Tech				Tennessee Tech				Comparisons with:			Comparisons with:			Comparisons with:		
		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017
1 a. askquest	574	2.96	3.16	3.20	3.10	.035	.005	.019	.002	.84	.87	.86	.87	594	930	576	.000	.000	.000	-.23	-.28	-.16
b. drafts	570	2.43	2.52	2.54	2.41	.042	.006	.023	.002	1.01	1.03	1.03	1.01	34,606	2,616	259,355	.040	.026	.598	-.09	-.11	.02
c. unpreparedr	572	3.12	3.09	3.08	2.99	.031	.004	.017	.002	.73	.80	.78	.81	34,500	2,613	258,849	.407	.333	.000	.03	.05	.16
d. attendart	572	1.81	1.71	1.80	1.81	.038	.005	.020	.002	.92	.88	.91	.90	34,358	2,604	258,229	.010	.923	.906	.11	.00	.00
e. CLaskhelp	570	2.65	2.29	2.50	2.42	.038	.005	.020	.002	.91	.93	.92	.91	34,344	2,607	257,945	.000	.000	.000	.39	.17	.25
f. CLexplain	571	2.95	2.61	2.84	2.73	.035	.005	.019	.002	.84	.90	.88	.87	592	949	573	.000	.007	.000	.38	.13	.26
g. CLstudy	569	2.73	2.32	2.60	2.47	.041	.006	.023	.002	.99	1.03	1.03	1.01	34,137	940	256,741	.000	.004	.000	.40	.13	.26
h. CLproject	569	3.07	2.84	2.87	2.83	.036	.005	.021	.002	.86	.95	.94	.93	592	992	571	.000	.000	.000	.24	.22	.25
i. present	567	2.70	2.59	2.68	2.69	.040	.006	.022	.002	.95	1.02	.97	.98	589	2,588	255,983	.007	.643	.778	.11	.02	.01
2 a. RIntegrate	567	2.93	2.90	2.93	2.93	.036	.005	.019	.002	.85	.85	.85	.84	33,659	2,561	253,160	.507	.937	.878	.03	.00	-.01
b. RIsocietal	566	2.56	2.82	2.80	2.79	.038	.005	.021	.002	.89	.91	.92	.90	33,512	2,549	252,193	.000	.000	.000	-.29	-.26	-.26
c. RIdiverse	558	2.21	2.68	2.61	2.62	.040	.005	.022	.002	.94	.96	.98	.96	578	931	560	.000	.000	.000	-.49	-.42	-.43
d. Rlownview	563	2.62	2.88	2.84	2.84	.034	.005	.019	.002	.80	.83	.85	.83	33,273	2,530	250,265	.000	.000	.000	-.31	-.27	-.27
e. Rlperspect	556	2.77	2.99	2.98	2.96	.035	.004	.019	.002	.82	.80	.82	.81	574	896	558	.000	.000	.000	-.27	-.25	-.24
f. Rlnewview	553	2.79	2.96	2.95	2.95	.032	.004	.018	.002	.76	.80	.81	.79	32,964	2,504	247,833	.000	.000	.000	-.21	-.20	-.21
g. Rlconnect	549	3.08	3.21	3.18	3.19	.031	.004	.017	.001	.73	.74	.76	.73	567	905	550	.000	.006	.001	-.17	-.13	-.15
3 a. SFcareer	548	2.52	2.29	2.48	2.42	.043	.006	.023	.002	1.00	.99	1.00	.98	32,821	2,490	246,839	.000	.379	.017	.23	.04	.10
b. SFotherwork	551	2.13	1.79	1.99	1.94	.044	.006	.024	.002	1.04	.99	1.04	1.01	32,728	2,489	246,220	.000	.006	.000	.34	.13	.18
c. SFdiscuss	546	2.31	2.00	2.25	2.15	.040	.005	.023	.002	.94	.96	1.00	.95	564	2,481	245,459	.000	.177	.000	.32	.07	.17
d. SFperform	549	2.30	2.14	2.33	2.20	.040	.005	.022	.002	.95	.92	.96	.91	566	2,481	550	.000	.525	.020	.17	-.03	.10
4 a. memorize	545	2.71	2.68	2.77	2.72	.038	.005	.021	.002	.89	.91	.91	.89	32,650	2,486	245,132	.378	.214	.938	.04	-.06	.00
b. HOapply	544	3.12	3.09	3.14	3.09	.034	.004	.019	.002	.80	.80	.82	.79	32,533	2,478	244,544	.429	.586	.322	.03	-.03	.04
c. HOanalyze	543	2.94	3.06	3.11	3.05	.038	.005	.019	.002	.88	.82	.84	.82	558	2,474	544	.001	.000	.005	-.15	-.21	-.13
d. HOevaluate	545	2.65	2.99	2.97	2.93	.040	.005	.020	.002	.94	.85	.88	.86	560	830	546	.000	.000	.000	-.40	-.36	-.32
e. HOform	544	2.84	2.98	2.99	2.95	.037	.005	.019	.002	.86	.83	.85	.83	560	865	545	.000	.000	.003	-.18	-.19	-.13
5 a. ETgoals	543	3.05	3.15	3.23	3.15	.033	.004	.018	.002	.78	.80	.81	.78	562	899	544	.003	.000	.003	-.13	-.22	-.13
b. ETorganize	544	3.04	3.09	3.09	3.09	.035	.005	.019	.002	.82	.83	.84	.80	32,333	889	242,918	.237	.219	.202	-.05	-.06	-.05
c. ETexample	541	3.06	3.04	3.14	3.09	.036	.005	.019	.002	.85	.87	.85	.83	32,298	2,462	242,620	.564	.069	.404	.02	-.09	-.04
d. ETdraftfb	543	2.72	2.77	2.82	2.76	.042	.006	.023	.002	.99	.99	.99	.96	32,293	2,463	242,473	.193	.032	.336	-.06	-.10	-.04
e. ETfeedback	541	2.84	2.84	2.87	2.82	.039	.005	.021	.002	.91	.92	.94	.90	32,194	2,459	241,765	.993	.505	.555	.00	-.03	.03

NSSE 2017 Frequencies and Statistical Comparisons

Detailed Statistics^B

Tennessee Technological University

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
		Tennessee Tech				Tennessee Tech				Tennessee Tech				Comparisons with:			Comparisons with:			Comparisons with:		
		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017
6 a. QRconclude	543	2.79	2.63	2.68	2.65	.037	.005	.021	.002	.87	.92	.93	.92	563	920	545	.000	.008	.000	.18	.13	.16
b. QRproblem	539	2.42	2.41	2.43	2.41	.041	.005	.023	.002	.95	.96	.99	.96	32,212	897	241,731	.869	.692	.980	.01	-.02	.00
c. QRevaluate	541	2.42	2.37	2.42	2.42	.038	.005	.022	.002	.89	.92	.95	.92	32,242	911	242,087	.213	.893	.993	.05	-.01	.00
7 a. wrshortnum	496	5.75	8.36	6.99	7.71	.270	.042	.155	.014	6.02	7.14	6.54	6.69	519	851	498	.000	.000	.000	-.37	-.19	-.29
b. wrmednum	492	2.86	4.05	3.22	3.60	.195	.029	.102	.009	4.33	4.96	4.27	4.41	513	2,237	219,910	.000	.093	.000	-.24	-.09	-.17
c. wrlongnum	491	1.93	2.14	2.00	1.94	.178	.024	.099	.008	3.95	4.07	4.14	3.63	28,896	2,230	219,260	.241	.715	.917	-.05	-.02	.00
— wrpages	485	67.50	88.10	75.01	79.97	4.394	.615	2.366	.198	96.75	102.81	97.61	92.02	503	2,184	216,083	.000	.135	.003	-.20	-.08	-.14
8 a. DDrace	493	2.89	3.13	3.14	3.08	.044	.005	.022	.002	.97	.92	.91	.92	29,590	2,291	222,569	.000	.000	.000	-.27	-.28	-.21
b. DDeconomic	491	2.96	3.08	3.13	3.06	.039	.005	.021	.002	.86	.90	.88	.89	508	794	492	.002	.000	.011	-.14	-.19	-.11
c. DDreligion	492	2.89	2.97	3.01	2.98	.042	.006	.022	.002	.92	.95	.93	.94	29,470	2,279	221,863	.048	.010	.034	-.09	-.13	-.10
d. DDpolitical	493	3.01	2.97	3.04	2.98	.040	.006	.022	.002	.88	.94	.93	.92	511	815	494	.401	.470	.459	.04	-.04	.03
9 a. LSreading	489	2.99	3.18	3.20	3.14	.038	.005	.019	.002	.83	.78	.82	.79	502	767	221,001	.000	.000	.000	-.24	-.25	-.19
b. LSnotes	492	2.98	2.91	3.07	2.83	.043	.005	.021	.002	.96	.93	.91	.93	29,343	2,269	220,819	.100	.069	.000	.07	-.09	.16
c. LSsummary	492	2.86	2.90	3.03	2.84	.040	.005	.021	.002	.90	.90	.90	.90	29,218	2,260	219,933	.308	.000	.521	-.05	-.18	.03
10. challenge	487	5.61	5.68	5.73	5.57	.059	.008	.031	.003	1.30	1.31	1.29	1.28	29,230	2,263	219,832	.287	.091	.474	-.05	-.09	.03
11 a. intern ^l	485	.563	.408	.427	.490	.0225	.0029	.0118	.0011	--	--	--	--	--	--	--	.000	.000	.001	.31	.27	.15
b. leader ^l	486	.399	.265	.316	.352	.0222	.0026	.0110	.0010	--	--	--	--	--	--	--	.000	.001	.030	.29	.17	.10
c. learncom ^l	485	.222	.194	.240	.232	.0189	.0023	.0102	.0009	--	--	--	--	--	--	--	.122	.412	.633	.07	-.04	-.02
d. abroad ^l	485	.091	.081	.067	.138	.0131	.0016	.0060	.0007	--	--	--	--	--	--	--	.447	.076	.003	.03	.09	-.15
e. research ^l	484	.291	.163	.210	.232	.0207	.0022	.0097	.0009	--	--	--	--	--	--	--	.000	.000	.002	.31	.19	.13
f. capstone ^l	482	.547	.348	.416	.451	.0227	.0028	.0117	.0011	--	--	--	--	--	--	--	.000	.000	.000	.40	.26	.19
12. servcourse	484	1.73	1.78	1.84	1.74	.031	.004	.018	.002	.68	.75	.75	.72	28,999	2,242	218,322	.165	.005	.757	-.06	-.14	-.01
13 a. QIstudent	477	5.68	5.57	5.63	5.58	.059	.008	.032	.003	1.29	1.36	1.34	1.34	495	2,206	214,755	.089	.495	.128	.07	.04	.07
b. QIadvisor	480	5.32	5.22	5.25	5.19	.078	.011	.042	.004	1.71	1.78	1.76	1.77	28,509	2,212	215,126	.202	.420	.115	.06	.04	.07
c. QIfaculty	477	5.49	5.49	5.43	5.50	.065	.009	.036	.003	1.41	1.46	1.50	1.40	28,593	2,215	216,188	.991	.489	.813	.00	.04	-.01
d. QIstaff	415	5.00	4.84	4.78	4.88	.081	.013	.049	.004	1.64	1.81	1.81	1.74	434	742	416	.051	.019	.134	.09	.13	.07
e. QIadmin	465	4.93	4.94	4.64	4.89	.079	.011	.045	.004	1.70	1.78	1.87	1.73	26,940	798	205,021	.879	.002	.603	-.01	.16	.02
14 a. empstudy	463	3.11	3.13	3.15	3.14	.038	.005	.019	.002	.81	.78	.77	.76	27,843	2,154	210,548	.551	.274	.322	-.03	-.06	-.05
b. SEacademic	460	2.90	2.94	2.94	2.94	.040	.005	.021	.002	.85	.87	.87	.85	27,661	2,139	209,195	.439	.484	.411	-.04	-.04	-.04
c. SElearnsup	460	2.66	2.88	2.86	2.84	.045	.006	.023	.002	.96	.95	.95	.93	474	2,142	461	.000	.000	.000	-.24	-.21	-.20

NSSE 2017 Frequencies and Statistical Comparisons

Detailed Statistics^B

Tennessee Technological University

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
		Tennessee Tech				Tennessee Tech				Tennessee Tech				Comparisons with:			Comparisons with:			Comparisons with:		
		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017
d. SEdiverse	459	2.51	2.65	2.60	2.61	.045	.006	.024	.002	.96	1.00	.99	.99	27,630	2,141	208,991	.003	.101	.033	-.14	-.09	-.10
e. SESocial	461	2.79	2.72	2.87	2.81	.041	.006	.023	.002	.87	.97	.93	.93	479	2,140	462	.093	.105	.711	.07	-.09	-.02
f. SEwellness	461	2.66	2.64	2.78	2.73	.046	.006	.024	.002	.98	1.00	.99	.96	27,552	2,139	208,422	.806	.013	.100	.01	-.13	-.08
g. SEonacad	459	1.97	2.09	2.11	2.08	.045	.006	.024	.002	.96	1.01	1.00	.98	475	2,136	208,349	.008	.009	.012	-.12	-.14	-.12
h. SEactivities	459	2.48	2.41	2.67	2.55	.042	.006	.024	.002	.91	1.04	.99	1.00	478	780	460	.084	.000	.096	.07	-.19	-.07
i. SEevents	456	2.20	2.27	2.38	2.36	.042	.006	.024	.002	.90	1.00	.99	.97	474	781	457	.135	.000	.000	-.06	-.18	-.16
15 a. tmprephrs	456	16.84	15.30	14.85	15.21	.447	.054	.220	.019	9.55	8.90	9.03	8.87	468	2,140	457	.001	.000	.000	.17	.22	.18
b. tmcocurrhrs	451	5.82	3.93	4.33	4.89	.359	.041	.169	.016	7.62	6.70	6.93	7.07	462	663	452	.000	.000	.010	.28	.21	.13
c. tmworkonhrs	454	3.56	2.85	3.57	3.60	.328	.041	.184	.016	6.99	6.75	7.53	7.08	27,429	2,130	207,424	.025	.985	.912	.11	.00	-.01
d. tmworkoffhrs	453	10.71	15.81	14.65	12.78	.576	.086	.335	.029	12.26	14.10	13.71	13.41	472	785	454	.000	.000	.000	-.36	-.29	-.15
— tmworkhrs	452	14.19	18.61	18.17	16.33	.637	.085	.348	.030	13.54	13.97	14.18	13.39	467	2,116	206,312	.000	.000	.001	-.32	-.28	-.16
e. tmervicehrs	454	3.20	3.67	3.95	3.24	.256	.037	.158	.012	5.46	6.02	6.48	5.51	472	833	206,943	.069	.012	.875	-.08	-.12	-.01
f. tmrelaxhrs	454	11.64	9.72	10.06	10.54	.419	.049	.203	.018	8.93	7.98	8.30	8.10	466	681	455	.000	.001	.009	.24	.19	.14
g. tmcarehrs	454	3.77	9.04	7.78	6.36	.406	.078	.296	.025	8.66	12.77	12.11	11.30	486	985	456	.000	.000	.000	-.41	-.35	-.23
h. tmcommutehrs	454	5.26	4.75	5.57	4.84	.275	.039	.164	.013	5.86	6.47	6.74	6.03	472	808	207,372	.069	.326	.140	.08	-.05	.07
16. reading	455	2.24	2.95	2.80	2.86	.049	.007	.029	.003	1.06	1.17	1.20	1.18	473	802	457	.000	.000	.000	-.61	-.49	-.53
— tmreadinghrs	455	5.69	7.87	7.12	7.36	.250	.041	.162	.014	5.33	6.74	6.63	6.44	479	876	457	.000	.000	.000	-.32	-.23	-.26
17 a. pgwrite	452	2.78	3.05	2.98	3.01	.043	.005	.023	.002	.92	.89	.92	.89	465	2,122	453	.000	.000	.000	-.30	-.22	-.25
b. pgspeak	452	2.83	2.89	2.91	2.91	.044	.006	.023	.002	.93	.96	.95	.94	27,316	2,128	206,670	.181	.092	.071	-.06	-.09	-.08
c. pgthink	452	3.22	3.27	3.27	3.29	.037	.005	.020	.002	.79	.81	.83	.79	27,332	2,125	206,731	.263	.267	.068	-.05	-.06	-.09
d. pganalyze	454	2.98	2.81	2.86	2.85	.045	.006	.024	.002	.96	.98	.97	.97	469	2,126	455	.000	.025	.006	.17	.12	.13
e. pgwork	454	3.00	2.92	2.92	2.92	.043	.006	.024	.002	.91	.97	.98	.96	471	764	455	.052	.115	.068	.09	.08	.08
f. pgothers	454	3.10	3.01	3.03	3.03	.040	.006	.023	.002	.86	.91	.92	.89	27,313	2,123	206,526	.041	.137	.085	.10	.08	.08
g. pgvalues	454	2.78	2.87	2.78	2.83	.044	.006	.025	.002	.94	.99	1.02	.99	27,323	768	206,552	.040	.902	.212	-.10	-.01	-.06
h. pgdiverse	453	2.66	2.86	2.78	2.83	.045	.006	.024	.002	.95	.98	.99	.98	27,313	2,127	206,423	.000	.023	.000	-.20	-.12	-.17
i. pgprobsolve	454	2.90	2.81	2.81	2.82	.043	.006	.024	.002	.91	.97	.98	.95	471	764	455	.033	.057	.053	.10	.10	.09
j. pgcitizen	452	2.53	2.71	2.65	2.70	.045	.006	.025	.002	.96	1.01	1.02	1.00	27,200	753	205,660	.000	.021	.000	-.18	-.12	-.17
18. evalexpr	452	3.31	3.23	3.19	3.26	.034	.005	.019	.002	.72	.78	.77	.77	27,351	2,127	206,583	.029	.003	.188	.10	.16	.06
19. sameinst	456	3.32	3.19	3.19	3.23	.038	.005	.021	.002	.82	.87	.85	.85	27,382	2,135	206,832	.002	.003	.024	.15	.16	.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."