
Tennessee Technological University

NSSE 2017 Major Field Report, Part II

Comparisons to Other Institutions

Education

*Comparing your students majoring in the fields shown below to those
in the same fields at your comparison group institutions*

The Major Field Report group 'Education' includes the following majors: Arts, fine and applied; Business education; Early childhood education; Education (general); Elementary, middle school education; Kinesiology; Mathematics education; Music; Music or art education; Other education; Parks, recreation, leisure studies, sports mgmt.; Physical education; Rehabilitation sciences; Secondary education; Social studies education; Special education; Speech therapy.



Note:

The Major Field Report was formatted for printing. When viewing on screen in Excel, some content may appear truncated or oddly formatted. This is normal. Increasing the zoom level or viewing the report in Print Preview will improve on-screen display.

About Your Major Field Report, Part II

NSSE data serve to identify institutional strengths and weaknesses in reference to selected comparison institutions, yet institution-level comparisons may not capture important variation in student engagement that can be found within key subpopulations such as major. This report displays selected results for students at your institution and at your selected comparison institutions in the major category: Education.

NSSE results included in MFR, Part II

- Engagement Indicators
- High-Impact Practices
- Frequencies and Statistical Comparisons
- Respondent Profile

Related-Major Groups

Self-reported first and second (if applicable) majors were identified from the survey. Your institution had the option to customize how these majors were grouped, using up to ten related-major groups. Institutions choosing not to customize their major categories receive NSSE's ten default groups. The majors used in this report are listed on the cover page of this

Sample

This report is based on information from all randomly selected or census-administered students in the indicated group of majors for both your institution and your comparison institutions. Targeted and locally administered oversamples and other non-randomly selected students are not included. Report Sample (if applicable) respondents are also excluded.

Class

Results are presented separately by institution-reported class level. Keep in mind that majors are student-reported. First-year students may report *intended* majors that have not yet been *declared*. Also, much of the first-year experience may take place outside of the major field. For these reasons, first-year results should be interpreted with caution.

Technical Requirements

Related-major groups with fewer than 5 respondents in a given class are not reported (columns are blank). Groups containing at least 5 respondents, but fewer than 20, are reported in frequency distributions only. Comparison groups must contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement for all other statistics (Engagement Indicators, means, etc.), keep in mind that any statistical result requires a sufficient number of respondents per group to produce a reliable estimate. Due to the disaggregation of results by student-reported major, *Major Field Report* results are unweighted.

Report Sections (Those marked with an asterisk are included if at least one related-major group includes 20 or more respondents.)

Engagement Indicators*	Results on NSSE's ten Engagement Indicators (EIs) organized into four themes. See your <i>Engagement Indicators</i> report for more details.
High-Impact Practices*	Results on student participation in six High-Impact Practices (HIPs). See your <i>High-Impact Practices</i> report for more details.
Frequencies and Statistical Comparisons*	Response frequencies and statistical comparisons (including tests of significance and effect sizes) for all survey items except the demographics for your institution and your three core comparison groups.
Respondent Profile	Response frequencies for all demographic questions for your institution and your three core comparison groups.

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Overview of Engagement Indicators: Education

Tennessee Technological University

Engagement Indicators: Overview

Engagement Indicators are summary measures based on sets of NSSE questions examining key dimensions of student engagement. The ten indicators are organized within four themes: Academic Challenge, Learning with Peers, Experiences with Faculty, and Campus Environment. The tables below compare average scores^a for your students in this related-major category with students in your comparison groups within the same category.

Use the following key:

- ▲ **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.
- No significant difference.
- ▼ **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.

First-Year Students in Education

Seniors in Education

Theme	Engagement Indicator	First-Year Students in Education			Seniors in Education		
		Your first-year students compared with Carnegie Class	Your first-year students compared with THEC Peer Group	Your first-year students compared with NSSE 2016 & 2017	Your seniors compared with Carnegie Class	Your seniors compared with THEC Peer Group	Your seniors compared with NSSE 2016 & 2017
Academic Challenge	Higher-Order Learning	--	--	--	--	--	--
	Reflective & Integrative Learning	--	--	--	--	--	--
	Learning Strategies	--	--	--	--	--	▲
	Quantitative Reasoning	--	--	--	--	--	--
Learning with Peers	Collaborative Learning	--	--	--	▲	--	▲
	Discussions with Diverse Others	--	--	--	--	--	--
Experiences with Faculty	Student-Faculty Interaction	--	--	--	▲	▲	▲
	Effective Teaching Practices	--	--	--	--	--	--
Campus Environment	Quality of Interactions	--	--	--	--	△	--
	Supportive Environment	▽	▽	▽	--	--	--

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Education Tennessee Technological University

First-year students^a in Education

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
Tennessee Tech (N = 44)	36.6	13.2	2.00	20	25	40	45	60				
Carnegie Class	38.3	13.4	.24	20	30	40	45	60	3,133	-1.8		-.131
THEC Peer Group	37.1	14.5	.79	15	25	35	45	60	376	-.5		-.035
NSSE 2016 & 2017	37.7	12.9	.07	20	30	40	45	60	30,373	-1.1		-.085
Reflective & Integrative Learning												
Tennessee Tech (N = 44)	33.1	10.1	1.52	17	29	34	39	49				
Carnegie Class	36.1	12.0	.21	17	29	34	43	60	45	-3.0		-.253
THEC Peer Group	34.9	12.2	.67	17	26	34	43	60	61	-1.8		-.153
NSSE 2016 & 2017	35.7	11.6	.07	17	29	34	43	57	43	-2.6		-.221
Learning Strategies												
Tennessee Tech (N = 44)	39.8	13.4	2.02	20	33	40	50	60				
Carnegie Class	39.4	14.1	.25	20	27	40	53	60	3,141	.4		.029
THEC Peer Group	41.0	14.1	.78	20	33	40	53	60	372	-1.1		-.081
NSSE 2016 & 2017	38.4	13.5	.08	20	27	40	47	60	30,472	1.5		.110
Quantitative Reasoning												
Tennessee Tech (N = 43)	27.3	14.2	2.17	0	20	27	33	53				
Carnegie Class	25.4	15.9	.28	0	13	20	40	60	3,151	1.9		.118
THEC Peer Group	26.6	16.6	.91	0	13	27	40	60	374	.6		.039
NSSE 2016 & 2017	24.3	15.2	.09	0	13	20	33	53	30,484	3.0		.197
Learning with Peers												
Collaborative Learning												
Tennessee Tech (N = 44)	33.9	11.3	1.70	20	25	35	40	50				
Carnegie Class	30.9	14.5	.26	5	20	30	40	60	45	2.9		.202
THEC Peer Group	34.5	14.5	.80	10	25	35	45	60	372	-.6		-.045
NSSE 2016 & 2017	32.8	13.6	.08	10	25	30	40	60	30,497	1.1		.081
Discussions with Diverse Others												
Tennessee Tech (N = 44)	37.6	14.4	2.17	15	30	35	45	60				
Carnegie Class	39.5	15.7	.28	15	30	40	55	60	3,156	-1.9		-.120
THEC Peer Group	40.2	17.1	.94	10	25	40	60	60	373	-2.5		-.151
NSSE 2016 & 2017	39.8	14.9	.09	15	30	40	50	60	30,565	-2.1		-.144
Experiences with Faculty												
Student-Faculty Interaction												
Tennessee Tech (N = 43)	22.8	11.5	1.75	5	15	25	30	40				
Carnegie Class	21.4	14.6	.26	0	10	20	30	50	3,152	1.4		.094
THEC Peer Group	23.5	15.6	.85	0	10	20	35	60	64	-.7		-.048

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Engagement Indicators: Education Tennessee Technological University

First-year students^a in Education

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
NSSE 2016 & 2017	22.2	14.2	.08	0	10	20	30	50	30,447	.6		.039
Effective Teaching Practices												
Tennessee Tech (N = 44)	39.2	12.2	1.83	20	30	36	48	60				
Carnegie Class	40.6	13.2	.24	20	32	40	52	60	3,178	-1.4		-.108
THEC Peer Group	40.0	14.2	.78	16	32	40	52	60	377	-.9		-.062
NSSE 2016 & 2017	39.7	12.6	.07	20	32	40	48	60	30,766	-.5		-.041
Campus Environment												
Quality of Interactions												
Tennessee Tech (N = 44)	40.9	10.7	1.62	24	33	41	46	60				
Carnegie Class	42.6	12.7	.23	20	35	44	52	60	3,028	-1.7		-.135
THEC Peer Group	40.5	12.9	.71	16	34	42	50	60	369	.4		.029
NSSE 2016 & 2017	42.7	11.9	.07	20	36	44	52	60	29,741	-1.8		-.154
Supportive Environment												
Tennessee Tech (N = 44)	33.2	11.9	1.80	20	23	31	40	58				
Carnegie Class	37.7	13.8	.25	15	28	38	48	60	3,163	-4.5	*	-.329
THEC Peer Group	38.2	14.4	.78	13	30	40	48	60	377	-5.0	*	-.356
NSSE 2016 & 2017	37.5	13.2	.08	15	28	38	48	60	30,689	-4.4	*	-.331

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Engagement Indicators: Education Tennessee Technological University

Seniors^a in Education

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
Tennessee Tech (N = 63)	41.7	14.5	1.83	20	30	45	55	60				
Carnegie Class	40.4	13.9	.22	20	30	40	50	60	4,192	1.3		.096
THEC Peer Group	40.5	14.8	.84	15	30	40	50	60	371	1.3		.087
NSSE 2016 & 2017	40.0	13.4	.07	20	30	40	50	60	36,804	1.7		.127
Reflective & Integrative Learning												
Tennessee Tech (N = 63)	39.2	12.8	1.62	17	31	40	49	57				
Carnegie Class	39.1	12.4	.19	20	31	40	49	60	4,244	.1		.008
THEC Peer Group	37.7	13.7	.77	14	29	37	49	60	377	1.4		.107
NSSE 2016 & 2017	39.2	12.0	.06	20	31	40	49	60	37,248	.0		-.001
Learning Strategies												
Tennessee Tech (N = 62)	43.1	14.1	1.79	20	33	40	53	60				
Carnegie Class	40.0	14.8	.23	13	27	40	53	60	4,198	3.2		.213
THEC Peer Group	41.5	15.4	.88	13	33	40	53	60	367	1.6		.108
NSSE 2016 & 2017	38.6	14.4	.08	13	27	40	47	60	36,936	4.5	*	.313
Quantitative Reasoning												
Tennessee Tech (N = 63)	26.0	14.4	1.81	7	13	27	40	47				
Carnegie Class	25.3	16.5	.26	0	13	20	40	60	4,224	.8		.046
THEC Peer Group	24.7	17.4	.99	0	13	20	33	60	103	1.4		.080
NSSE 2016 & 2017	24.6	16.2	.08	0	13	20	33	60	36,927	1.4		.088
Learning with Peers												
Collaborative Learning												
Tennessee Tech (N = 60)	39.0	13.6	1.75	18	25	40	50	58				
Carnegie Class	31.9	14.8	.23	10	20	30	40	60	4,197	7.1	***	.483
THEC Peer Group	36.8	14.5	.82	15	25	35	50	60	373	2.2		.155
NSSE 2016 & 2017	34.4	14.0	.07	10	25	35	45	60	36,935	4.6	*	.328
Discussions with Diverse Others												
Tennessee Tech (N = 62)	40.2	14.9	1.89	20	30	40	50	60				
Carnegie Class	40.7	16.0	.25	15	30	40	60	60	4,205	-.4		-.026
THEC Peer Group	42.9	16.3	.93	15	30	45	60	60	371	-2.6		-.163
NSSE 2016 & 2017	40.1	15.2	.08	15	30	40	55	60	36,961	.2		.011
Experiences with Faculty												
Student-Faculty Interaction												
Tennessee Tech (N = 63)	33.6	15.4	1.94	10	25	35	45	60				
Carnegie Class	24.8	16.2	.25	0	10	20	35	60	4,195	8.8	***	.543
THEC Peer Group	27.9	16.9	.96	0	15	25	40	60	370	5.6	*	.338

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Engagement Indicators: Education Tennessee Technological University

Seniors^a in Education

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
NSSE 2016 & 2017	27.7	15.8	.08	5	15	25	40	60	36,846	5.9	**	.375
Effective Teaching Practices												
Tennessee Tech (N = 63)	43.2	14.0	1.77	20	36	44	56	60				
Carnegie Class	40.9	14.0	.22	16	32	40	52	60	4,248	2.3		.166
THEC Peer Group	42.0	14.7	.83	16	32	44	56	60	374	1.2		.082
NSSE 2016 & 2017	40.7	13.4	.07	20	32	40	52	60	37,264	2.5		.184
Campus Environment												
Quality of Interactions												
Tennessee Tech (N = 60)	45.4	10.6	1.37	27	38	46	56	60				
Carnegie Class	43.1	12.1	.19	20	36	44	52	60	3,976	2.4		.198
THEC Peer Group	42.0	12.3	.72	20	35	44	50	60	351	3.4	*	.284
NSSE 2016 & 2017	42.8	11.4	.06	22	36	44	50	60	35,869	2.6		.227
Supportive Environment												
Tennessee Tech (N = 63)	35.5	14.7	1.85	13	28	38	45	60				
Carnegie Class	32.9	14.7	.23	10	23	33	43	60	4,224	2.6		.178
THEC Peer Group	33.5	14.9	.84	10	23	33	45	60	375	2.0		.132
NSSE 2016 & 2017	33.6	13.7	.07	10	23	33	43	60	37,139	1.9		.141

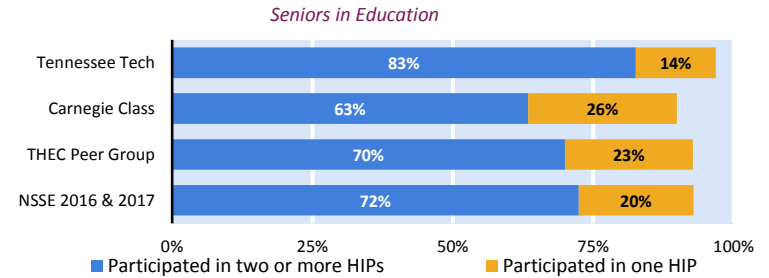
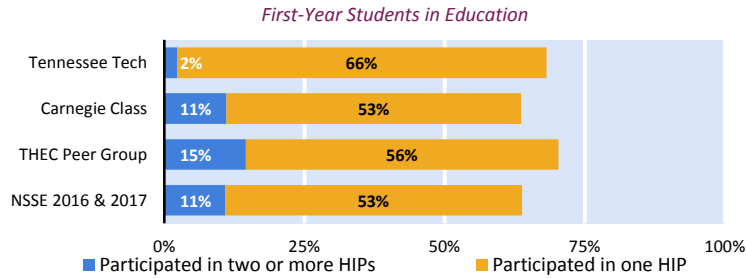
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High-Impact Practices: Education

Tennessee Technological University

Overall HIP Participation^{a,h}

The figures below display the percentage of students who participated in High-Impact Practices. Both figures include participation in service-learning, a learning community, and research with faculty. The senior figure also includes participation in an internship or field experience, study abroad, and culminating senior experience. The first segment in each bar shows the percentage who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.



Statistical Comparisons

The table below displays the percentage of your students who participated in a given High-Impact Practice, including the percentage who participated overall (at least one, two or more). It also graphs the difference, in percentage points, between your students and those of your comparison groups. Blue bars indicate how much higher your institution's percentage is compared to the comparison group. Dark red bars indicate how much lower your institution's percentage is compared to the comparison group.

	<i>Your students' participation compared with:</i>							
	Tennessee Tech	Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		
	%	Difference ¹	ES ¹	Difference ¹	ES ¹	Difference ¹	ES ¹	
<i>First-Year Students in Education</i>								
12. Service-Learning	66	+6	.12	+2	.05	+7	.14	
11c. Learning Community	2	-11	*	-17	**	-11	*	
11e. Research with Faculty	2	-2	-.10	-4	-.19	-2	-.09	
Participated in at least one	68	+5	.10	-2	-.05	+4	.09	
Participated in two or more	2	-9	-.38	-12	*	-9	-.37	
<i>Seniors in Education</i>								
12. Service-Learning	89	+15	**	+12	*	+14	*	
11c. Learning Community	27	+0	.00	-6	-.13	-5	-.10	
11e. Research with Faculty	10	-6	-.19	-10	-.29	-11	*	
11a. Internship or Field Exp.	81	+25	***	+22	***	+19	**	
11d. Study Abroad	0	-8	*	-6	-.48	-14	**	
11f. Culminating Senior Exp.	57	+20	**	+14	*	+8	.17	
Participated in at least one	97	+7	.29	+4	.19	+4	.18	
Participated in two or more	83	+19	**	+13	*	+10	.24	

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Frequencies and Statistical Comparisons: Education

Tennessee Technological University

First-Year Students^a in Education

				Frequency Distributions								Statistical Comparisons ^k																							
				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 ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ													
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 2 3 4	Never Sometimes Often Very often	0 18 22 4	0 41 50 9	75 1,009 1,128 923	2 32 36 29	9 111 126 90	3 33 38 27	625 10,045 11,665 8,381	2 33 38 27	2.7	2.9	-.29	2.9	-.25	2.9	-.27	2.9	-.27	2.9	-.27													
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1 2 3 4	Never Sometimes Often Very often	5 19 10 10	11 43 23 23	413 1,067 958 692	13 34 31 22	37 128 97 74	11 38 29 22	4,679 10,954 9,285 5,728	15 36 30 19	2.6	2.6	-.05	2.6	-.05	2.5	.05	2.5	.05	2.5	.05													
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1 2 3 4	Very often Often Sometimes Never	3 4 25 12	7 9 57 27	144 325 1,711 955	5 10 55 30	12 30 196 99	4 9 58 29	1,221 3,425 17,551 8,493	4 11 57 28	3.0	3.1	-.08	3.1	-.12	3.1	-.05	3.1	-.05	3.1	-.05													
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1 2 3 4	Never Sometimes Often Very often	8 19 11 6	18 43 25 14	1,130 1,088 496 419	36 35 16 13	102 108 60 67	30 32 18 20	8,511 11,268 6,084 4,843	28 37 20 16	2.3	2.1	.27	2.3	.06	2.2	.10	2.2	.10	2.2	.10													
e. Asked another student to help you understand course material	CLaskhelp	1 2 3 4	Never Sometimes Often Very often	0 18 17 9	0 41 39 20	387 1,212 1,044 488	12 39 33 16	29 116 117 74	9 35 35 22	2,239 11,612 11,497 5,380	7 38 37 18	2.8	2.5 *	.31	2.7	.10	2.7	.17	2.7	.17	2.7	.17													
f. Explained course material to one or more students	CLexplain	1 2 3 4	Never Sometimes Often Very often	1 14 23 6	2 32 52 14	229 1,209 1,188 502	7 39 38 16	18 112 139 65	5 34 42 19	1,312 11,373 12,700 5,319	4 37 41 17	2.8	2.6	.17	2.8	.03	2.7	.07	2.7	.07	2.7	.07													
g. Prepared for exams by discussing or working through course material with other	CLstudy	1 2 3	Never Sometimes Often	4 21 13	9 48 30	548 1,118 951	17 36 30	40 102 116	12 30 35	4,091 11,196 10,080	13 36 33	2.5	2.5	.02	2.7	-.23	2.5	-.07	2.5	-.07	2.5	-.07													

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

Tennessee Technological University

First-Year Students^a in Education

				Frequency Distributions								Statistical Comparisons ^k								
				Tennessee Tech				NSSE 2016 & 2017				Your first-year students compared with								
Item wording or description		Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
students				4	Very often	6	14	518	17	78	23	5,334	17							
Total						44	100	3,135	100	336	100	30,701	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	2	5	294	9	22	7	2,104	7	2.7	2.6	.17	2.8	-.04	2.6	.10		
		2	Sometimes	15	34	1,236	39	109	33	11,858	39									
		3	Often	20	45	1,086	35	130	39	11,646	38									
		4	Very often	7	16	515	16	74	22	5,084	17									
		Total		44	100	3,131	100	335	100	30,692	100									
i. Given a course presentation	present	1	Never	4	9	574	18	71	21	4,601	15	2.6	2.4 *	.31	2.4 *	.29	2.4	.28		
		2	Sometimes	12	27	1,277	41	122	36	13,385	44									
		3	Often	24	55	893	28	95	28	8,937	29									
		4	Very often	4	9	391	12	48	14	3,794	12									
		Total		44	100	3,135	100	336	100	30,717	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	4	9	271	9	39	12	2,144	7	2.6	2.6	-.04	2.5	.08	2.6	-.07		
		2	Sometimes	15	34	1,222	39	136	41	12,002	39									
		3	Often	21	48	1,105	35	114	34	11,829	39									
		4	Very often	4	9	530	17	46	14	4,717	15									
		Total		44	100	3,128	100	335	100	30,692	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	2	5	263	8	41	12	2,386	8	2.5	2.6	-.16	2.5	-.03	2.6	-.15		
		2	Sometimes	21	48	1,222	39	129	38	12,077	37									
		3	Often	19	43	1,117	36	123	37	11,480	37									
		4	Very often	2	5	531	17	43	13	4,746	15									
		Total		44	100	3,133	100	336	100	30,689	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	6	14	259	8	33	10	2,502	8	2.3	2.6 *	-.39	2.6	-.31	2.6 *	-.37		
		2	Sometimes	20	47	1,188	38	136	40	11,874	39									
		3	Often	15	35	1,113	36	107	32	11,060	36									
		4	Very often	2	5	573	18	60	18	5,257	17									
		Total		43	100	3,133	100	336	100	30,693	100									
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	3	7	112	4	19	6	1,230	4	2.6	2.8	-.25	2.8	-.15	2.8	-.19		
		2	Sometimes	16	36	977	31	113	34	9,844	32									
		3	Often	19	43	1,350	43	133	40	13,921	45									
		4	Very often	6	14	691	22	71	21	5,679	19									
		Total		44	100	3,130	100	336	100	30,674	100									
e. Tried to better	RIperspect	1	Never	1	2	64	2	7	2	723	2									

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

Tennessee Technological University

First-Year Students^a in Education

				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech				NSSE 2016 & 2017				Your first-year students compared with						
Item wording or description	Variable name ^l	Values ^m	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 ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
understand someone else's views by imagining how an issue looks from their perspective		2	Sometimes	15	34	832	27	93	28	8,340	27	2.8	3.0	-.24	3.0	-.25	2.9	-.19
		3	Often	21	48	1,400	45	137	41	14,293	47							
		4	Very often	7	16	836	27	99	29	7,317	24							
		Total	44	100	3,132	100	336	100	30,673	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	2	5	77	2	7	2	694	2	2.8	2.9	-.17	2.9	-.14	2.9	-.14
		2	Sometimes	10	23	898	29	107	32	9,069	30							
		3	Often	28	64	1,405	45	143	42	14,222	46							
		4	Very often	4	9	751	24	80	24	6,673	22							
Total	44	100	3,131	100	337	100	30,658	100										
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	2	5	35	1	7	2	301	1	3.0	3.1	-.06	3.0	.01	3.1	-.02
		2	Sometimes	4	9	626	20	69	21	6,236	20							
		3	Often	28	64	1,494	48	165	49	15,522	51							
		4	Very often	10	23	968	31	95	28	8,563	28							
Total	44	100	3,123	100	336	100	30,622	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	3	7	517	16	47	14	4,774	16	2.5	2.4	.10	2.5	.01	2.4	.10
		2	Sometimes	23	52	1,350	43	136	41	13,424	44							
		3	Often	12	27	819	26	100	30	8,236	27							
		4	Very often	6	14	448	14	52	16	4,252	14							
Total	44	100	3,134	100	335	100	30,686	100										
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	15	35	1,519	48	145	43	13,704	45	1.9	1.8	.08	1.9	-.05	1.8	.02
		2	Sometimes	20	47	968	31	108	32	10,285	34							
		3	Often	7	16	434	14	48	14	4,595	15							
		4	Very often	1	2	215	7	34	10	2,079	7							
Total	43	100	3,136	100	335	100	30,663	100										
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	12	27	1,142	36	107	32	9,053	30	2.0	1.9	.07	2.1	-.06	2.0	-.04
		2	Sometimes	21	48	1,259	40	139	41	13,554	44							
		3	Often	10	23	505	16	55	16	5,807	19							
		4	Very often	1	2	225	7	35	10	2,206	7							
Total	44	100	3,131	100	336	100	30,620	100										
d. Discussed your academic performance with a faculty member	SFperform	1	Never	8	18	725	23	69	21	6,645	22	2.2	2.2	.00	2.3	-.10	2.2	.00
		2	Sometimes	23	52	1,416	45	142	42	14,293	47							
		3	Often	10	23	699	22	89	26	7,038	23							
		4	Very often	3	7	294	9	36	11	2,653	9							
Total	44	100	3,134	100	336	100	30,622	100										

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Frequencies and Statistical Comparisons: Education

Tennessee Technological University

First-Year Students^a in Education

Item wording or description	Variable name ^l	Values ^m	Response options Total	Frequency Distributions								Statistical Comparisons ^k							
				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 ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
				44	100	3,134	100	336	100	30,629	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	0	0	131	4	13	4	1,276	4	3.0	2.9	.15	2.9	.11	2.9	.18	
		2	Some	13	30	820	26	85	25	8,285	27								
		3	Quite a bit	17	39	1,423	45	149	44	14,045	46								
		4	Very much	14	32	762	24	88	26	7,087	23								
		Total		44	100	3,136	100	335	100	30,693	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	3	7	128	4	20	6	1,092	4	2.9	2.9	.02	2.8	.09	2.9	.03	
		2	Some	9	20	859	27	103	31	8,588	28								
		3	Quite a bit	22	50	1,427	46	133	40	14,471	47								
		4	Very much	10	23	715	23	80	24	6,513	21								
		Total		44	100	3,129	100	336	100	30,664	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	2	5	112	4	13	4	1,081	4	2.9	2.9	-.04	2.9	.02	2.9	.00	
		2	Some	11	25	835	27	106	31	8,479	28								
		3	Quite a bit	21	48	1,372	44	130	39	13,925	45								
		4	Very much	10	23	809	26	88	26	7,140	23								
		Total		44	100	3,128	100	337	100	30,625	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	4	9	93	3	11	3	1,006	3	2.7	3.0 *	-0.35	2.9	-.27	2.9	-.28	
		2	Some	13	30	771	25	97	29	8,123	27								
		3	Quite a bit	20	45	1,439	46	143	42	14,415	47								
		4	Very much	7	16	824	26	86	26	7,091	23								
		Total		44	100	3,127	100	337	100	30,635	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	0	0	108	3	18	5	1,057	3	2.9	2.9	-.07	2.8	.03	2.9	-.03	
		2	Some	14	32	829	26	98	29	8,297	27								
		3	Quite a bit	22	50	1,405	45	139	41	14,271	47								
		4	Very much	8	18	787	25	80	24	7,012	23								
		Total		44	100	3,129	100	335	100	30,637	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	3	7	60	2	9	3	470	2	3.0	3.1	-.24	3.1	-.22	3.1	-.20	
		2	Some	9	21	561	18	58	17	5,765	19								
		3	Quite a bit	18	42	1,387	44	148	44	14,555	47								
		4	Very much	13	30	1,123	36	121	36	9,919	32								
		Total		43	100	3,131	100	336	100	30,709	100								
b. Taught course sessions	ETorganize	1	Very little	2	5	99	3	18	5	750	2								

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Tennessee Technological University

First-Year Students^a in Education

				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech				NSSE 2016 & 2017				Your first-year students compared with						
Item wording or description in an organized way	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
		2	Some	6	14	593	19	65	19	6,038	20	3.1	3.1	.00	3.0	.08	3.1	.05
		3	Quite a bit	22	50	1,356	43	143	43	14,654	48							
		4	Very much	14	32	1,080	35	109	33	9,242	30							
		Total		44	100	3,128	100	335	100	30,684	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	0	0	97	3	18	5	836	3	3.1	3.1	.05	3.0	.12	3.1	.07
		2	Some	12	27	653	21	70	21	6,436	21							
		3	Quite a bit	15	34	1,304	42	136	41	13,564	44							
		4	Very much	17	39	1,075	34	110	33	9,822	32							
		Total		44	100	3,129	100	334	100	30,658	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	1	2	169	5	15	5	1,749	6	3.0	3.0	-.03	3.0	-.04	2.9	.04
		2	Some	11	25	752	24	84	25	7,977	26							
		3	Quite a bit	21	48	1,175	38	123	37	11,985	39							
		4	Very much	11	25	1,031	33	111	33	8,947	29							
		Total		44	100	3,127	100	333	100	30,658	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	4	9	227	7	23	7	2,142	7	2.7	2.9	-.19	2.9	-.19	2.8	-.12
		2	Some	13	30	884	28	101	30	9,329	30							
		3	Quite a bit	20	45	1,123	36	112	34	12,100	40							
		4	Very much	7	16	891	29	98	29	7,056	23							
		Total		44	100	3,125	100	334	100	30,627	100							
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	5	11	464	15	46	14	4,865	16	2.5	2.4	.10	2.5	.03	2.4	.16
		2	Sometimes	18	41	1,258	40	128	38	12,577	41							
		3	Often	14	32	996	32	112	33	9,897	32							
		4	Very often	7	16	414	13	51	15	3,302	11							
		Total		44	100	3,132	100	337	100	30,641	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	7	16	753	24	83	25	7,957	26	2.4	2.2	.17	2.3	.12	2.1	.26
		2	Sometimes	17	39	1,302	42	121	36	13,039	43							
		3	Often	17	39	755	24	94	28	7,296	24							
		4	Very often	3	7	319	10	37	11	2,354	8							
		Total		44	100	3,129	100	335	100	30,646	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	9	21	748	24	83	25	7,461	24	2.2	2.2	.01	2.2	-.06	2.1	.06
		2	Sometimes	19	44	1,349	43	127	38	13,703	45							
		3	Often	13	30	765	24	87	26	7,389	24							
		4	Very often	2	5	266	9	38	11	2,095	7							

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Tennessee Technological University

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				Frequency Distributions						Statistical Comparisons ^k									
				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 ^l	Values ^m	Response options Total	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
				43	100	3,128	100	335	100	30,648	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	0	None	6	14	183	6	44	13	1,534	5	5.1	6.5	-.25	5.3	-.03	6.8	-.29	
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	10	23	636	20	70	21	6,031	20								
		4	3-5	12	27	969	31	103	31	9,527	31								
		8	6-10	10	23	748	24	75	23	7,363	24								
		13	11-15	5	11	319	10	27	8	3,140	10								
		18	16-20	1	2	136	4	5	2	1,436	5								
		23	More than 20	0	0	127	4	9	3	1,513	5								
			Total	44	100	3,118	100	333	100	30,544	100								
b. Between 6 and 10 pages	wrmednum	0	None	18	42	1,281	42	184	56	10,856	36	1.7	2.0	-.08	1.7	.02	2.0	-.11	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	19	44	1,086	35	87	27	11,986	40								
		4	3-5	3	7	443	14	28	9	5,072	17								
		8	6-10	1	2	172	6	22	7	1,718	6								
		13	11-15	2	5	44	1	3	1	395	1								
		18	16-20	0	0	20	1	1	0	109	0								
		23	More than 20	0	0	18	1	3	1	122	0								
			Total	43	100	3,064	100	328	100	30,258	100								
c. 11 pages or more	wrlongnum	0	None	40	91	2,447	80	285	88	23,696	79	.4	.8	-.16	.7	-.11	.7	-.13	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	3	7	390	13	20	6	4,691	16								
		4	3-5	0	0	86	3	7	2	800	3								
		8	6-10	0	0	52	2	7	2	453	2								
		13	11-15	1	2	42	1	2	1	246	1								
		18	16-20	0	0	13	0	2	1	74	0								
		23	More than 20	0	0	19	1	2	1	112	0								
			Total	44	100	3,049	100	325	100	30,072	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									35.6	47.3	-.17	39.0	-.05	46.5	-.18	
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	2	5	174	6	19	6	1,262	4	2.9	3.1	-.20	3.1	-.26	3.0	-.18	
		2	Sometimes	15	34	685	22	68	20	7,673	25								
		3	Often	13	30	1,017	32	100	30	10,151	33								
		4	Very often	14	32	1,262	40	149	44	11,638	38								

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				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 ⁿ		Mean		Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options																																				
				44		100		3,138		100		336		100		30,724		100																					
b. People from an economic background other than your own	DDeconomic	1	Never	1	2	167	5	18	5	1,189	4	2.9	3.0	-.14	3.0	-.17	3.0	-.17																					
		2	Sometimes	12	27	722	23	81	24	7,338	24																												
		3	Often	22	50	1,142	36	105	31	11,521	38																												
		4	Very often	9	20	1,102	35	130	39	10,650	35																												
		Total		44	100	3,133	100	334	100	30,698	100																												
c. People with religious beliefs other than your own	DDreligion	1	Never	3	7	230	7	27	8	2,063	7	2.8	2.9	-.04	2.9	-.07	2.9	-.09																					
		2	Sometimes	13	30	921	29	97	29	8,420	27																												
		3	Often	16	36	972	31	92	27	10,105	33																												
		4	Very often	12	27	1,009	32	120	36	10,115	33																												
		Total		44	100	3,132	100	336	100	30,703	100																												
d. People with political views other than your own	DDpolitical	1	Never	2	5	208	7	25	7	1,718	6	2.9	2.9	-.02	3.0	-.05	3.0	-.05																					
		2	Sometimes	11	25	862	27	88	26	8,279	27																												
		3	Often	20	45	1,019	32	97	29	10,467	34																												
		4	Very often	11	25	1,049	33	125	37	10,227	33																												
		Total		44	100	3,138	100	335	100	30,691	100																												
9. During the current school year, about how often have you done the following?																																							
a. Identified key information from reading assignments	LSreading	1	Never	0	0	55	2	7	2	387	1	3.0	3.1	-.07	3.1	-.10	3.1	-.05																					
		2	Sometimes	10	23	654	21	73	22	6,377	21																												
		3	Often	23	52	1,414	45	134	40	14,924	49																												
		4	Very often	11	25	1,007	32	122	36	8,983	29																												
		Total		44	100	3,130	100	336	100	30,671	100																												
b. Reviewed your notes after class	LSnotes	1	Never	0	0	126	4	9	3	1,388	5	3.1	3.0	.14	3.1	.00	2.9	.22																					
		2	Sometimes	13	30	917	29	84	25	9,327	30																												
		3	Often	14	32	1,035	33	109	33	11,054	36																												
		4	Very often	17	39	1,053	34	133	40	8,918	29																												
		Total		44	100	3,131	100	335	100	30,687	100																												
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	3	7	162	5	16	5	1,741	6	2.9	2.9	-.02	3.0	-.12	2.8	.07																					
		2	Sometimes	11	25	901	29	78	23	9,696	32																												
		3	Often	19	43	1,204	39	139	42	12,093	40																												
		4	Very often	11	25	851	27	100	30	7,067	23																												
		Total		44	100	3,118	100	333	100	30,597	100																												
10. During the current school year, to what extent have your courses challenged you to do your best work?																																							
challenge		1	Not at all	0	0	23	1	8	2	174	1																												

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			Frequency Distributions								Statistical Comparisons ^k																												
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Your first-year students compared with																										
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ																					
		2		1	2	27	1	2	1	281	1	5.6	5.6	.03	5.5	.10	5.5	.10																					
		3		2	5	106	3	16	5	1,065	3																												
		4		3	7	320	10	34	10	3,318	11																												
		5		12	27	1,006	32	107	32	10,435	34																												
		6		15	34	792	25	73	22	8,503	28																												
		7	Very much	11	25	857	27	95	28	6,895	22																												
		Total		44	100	3,131	100	335	100	30,671	100																												
11. Which of the following have you done or do you plan to do before you graduate?^o																																							
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided Do not plan to do Plan to do Done or in progress Total	4 2 37 1 44	9 5 84 2 100	280 98 2,460 302 3,140	9 3 78 10 100	42 11 250 34 337	12 3 74 10 100	2,848 1,002 23,609 3,274 30,733	9 3 77 11 100	2%	10%	-.33	10%	-.34	11%	-.36																					
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 Do not plan to do Plan to do Done or in progress Total	8 19 11 6 44	18 43 25 14 100	892 784 1,148 310 3,134	28 25 37 10 100	106 61 132 38 337	31 18 39 11 100	8,889 6,998 11,657 3,144 30,688	29 23 38 10 100								14%	10%	.12	11%	.07	10%	.10														
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 Do not plan to do Plan to do Done or in progress Total	12 18 13 1 44	27 41 30 2 100	1,059 748 920 401 3,128	34 24 29 13 100	112 66 91 64 333	34 20 27 19 100	10,648 7,473 8,529 3,990 30,640	35 24 28 13 100															2%	13% *	-0.43	19% **	-0.60	13% *	-0.44							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided Do not plan to do Plan to do Done or in progress Total	13 21 9 1 44	30 48 20 2 100	982 1,012 1,072 67 3,133	31 32 34 2 100	108 111 109 8 336	32 33 32 2 100	9,067 8,533 12,368 716 30,684	30 28 40 2 100																						2%	2%	.01	2%	-0.01	2%	.00
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 Do not plan to do Plan to do Done or in progress Total	12 23 8 1 44	27 52 18 2 100	1,319 910 777 126 3,132	42 29 25 4 100	140 93 83 20 336	42 28 25 6 100	12,807 8,622 8,029 1,186 30,644	42 28 26 4 100																												

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education Tennessee Technological University

First-Year Students^a in Education

				Frequency Distributions								Statistical Comparisons ^k																							
				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 ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ													
12. About how many of your courses at this institution have included a community-based project (service-learning)?																																			
	servcourse	1	None	15	34	1,251	40	122	37	12,461	41	1.8												1.7	.03	1.8	-.02	1.7	.09						
		2	Some	25	57	1,486	48	171	51	15,019	49																								
		3	Most	3	7	309	10	32	10	2,656	9																								
		4	All	1	2	79	3	9	3	481	2																								
		Total		44	100	3,125	100	334	100	30,617	100																								
13. Indicate the quality of your interactions with the following people at your institution.																																			
a. Students	QIstudent	1	Poor	0	0	56	2	9	3	376	1	5.5												5.5	.01	5.3	.14	5.5	-.01						
		2		0	0	57	2	7	2	547	2																								
		3		2	5	153	5	19	6	1,440	5																								
		4		8	18	374	12	53	16	3,527	11																								
		5		12	27	785	25	84	25	7,795	25																								
		6		10	23	768	24	77	23	8,364	27																								
		7	Excellent	12	27	902	29	84	25	8,413	27																								
		—	Not applicable	0	0	43	1	3	1	264	1																								
		Total		44	100	3,138	100	336	100	30,726	100																								
b. Academic advisors	QIadvisor	1	Poor	1	2	94	3	14	4	888	3	5.2												5.3	-.10	5.2	-.01	5.3	-.06						
		2		2	5	145	5	18	5	1,296	4																								
		3		5	11	210	7	19	6	2,232	7																								
		4		5	11	376	12	45	13	4,061	13																								
		5		10	23	591	19	71	21	6,168	20																								
		6		9	20	646	21	71	21	6,526	21																								
		7	Excellent	12	27	1,003	32	94	28	9,027	29																								
		—	Not applicable	0	0	66	2	5	1	512	2																								
		Total		44	100	3,131	100	337	100	30,710	100																								
c. Faculty	QIfaculty	1	Poor	0	0	50	2	8	2	411	1	5.4												5.4	.03	5.2	.16	5.4	.01						
		2		0	0	100	3	10	3	712	2																								
		3		3	7	160	5	22	7	1,616	5																								
		4		6	14	435	14	54	16	4,028	13																								
		5		11	25	737	24	94	28	7,703	25																								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

Tennessee Technological University

First-Year Students^a in Education

				Frequency Distributions						Statistical Comparisons ^k									
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
		6		18	41	800	26	73	22	8,701	28								
		7	Excellent	6	14	799	26	74	22	7,221	24								
		—	Not applicable	0	0	48	2	1	0	246	1								
			Total	44	100	3,129	100	336	100	30,638	100								
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	2	5	145	5	18	5	1,093	4	4.8	5.0	-.15	4.9	-.06	5.1	-.21	
		2		3	7	165	5	14	4	1,293	4								
		3		4	9	211	7	27	8	2,082	7								
		4		9	20	400	13	57	17	4,143	14								
		5		9	20	568	18	79	24	6,598	22								
		6		6	14	566	18	63	19	6,556	21								
		7	Excellent	9	20	696	22	58	17	6,362	21								
		—	Not applicable	2	5	380	12	19	6	2,503	8								
			Total	44	100	3,131	100	335	100	30,630	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	3	7	150	5	20	6	1,193	4	4.5	5.0	-.26	4.7	-.10	5.0	-.29	
		2		5	11	177	6	29	9	1,438	5								
		3		3	7	226	7	26	8	2,326	8								
		4		5	11	450	14	55	16	4,562	15								
		5		16	36	639	20	70	21	6,770	22								
		6		6	14	585	19	68	20	6,422	21								
		7	Excellent	6	14	726	23	57	17	6,246	20								
		—	Not applicable	0	0	181	6	11	3	1,735	6								
			Total	44	100	3,134	100	336	100	30,692	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	0	0	59	2	9	3	442	1	3.1	3.1	-.05	3.1	-.04	3.1	-.05	
		2	Some	8	18	510	16	64	19	5,236	17								
		3	Quite a bit	24	55	1,536	49	138	41	15,076	49								
		4	Very much	12	27	1,021	33	123	37	9,934	32								
			Total	44	100	3,126	100	334	100	30,688	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	0	0	99	3	12	4	885	3	3.0	3.1	-.13	3.1	-.10	3.1	-.11	
		2	Some	15	34	597	19	66	20	5,955	19								
		3	Quite a bit	14	32	1,293	42	136	41	13,378	44								
		4	Very much	15	34	1,119	36	118	36	10,337	34								
			Total	44	100	3,108	100	332	100	30,555	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	6	14	182	6	24	7	1,702	6	3.0	3.1	-.21	3.1	-.20	3.1	-.16	
		2	Some	7	16	494	16	41	12	5,476	18								
		3	Quite a bit	14	32	1,158	37	135	40	11,609	38								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

Tennessee Technological University

First-Year Students^a in Education

				Frequency Distributions								Statistical Comparisons ^k													
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Your first-year students compared with					
Item wording or description (short, etc.)	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ							
				%	%	%	%	%	%	%	%														
		4	Very much	17	39	1,294	41	135	40	11,840	39														
			Total	44	100	3,128	100	335	100	30,627	100														
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	3	7	276	9	36	11	2,747	9	2.5	2.9 **	-.43	2.9 *	-.39	2.8 *	-.37							
		2	Some	23	52	768	25	76	23	8,256	27														
		3	Quite a bit	12	27	1,141	37	124	37	11,210	37														
		4	Very much	6	14	937	30	98	29	8,422	27														
			Total	44	100	3,122	100	334	100	30,635	100														
e. Providing opportunities to be involved socially	SEsocial	1	Very little	2	5	173	6	22	7	1,417	5	2.8	3.0	-.26	3.0	-.24	3.0	-.28							
		2	Some	15	34	661	21	72	21	6,320	21														
		3	Quite a bit	17	39	1,184	38	122	36	12,572	41														
		4	Very much	10	23	1,101	35	119	36	10,325	34														
			Total	44	100	3,119	100	335	100	30,634	100														
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	1	2	209	7	21	6	1,611	5	2.8	3.0	-.17	3.0	-.22	3.0	-.18							
		2	Some	14	32	663	21	68	20	6,767	22														
		3	Quite a bit	20	45	1,176	38	124	37	12,426	41														
		4	Very much	9	20	1,074	34	121	36	9,824	32														
			Total	44	100	3,122	100	334	100	30,628	100														
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	6	14	592	19	55	16	5,754	19	2.3	2.5	-.22	2.6 *	-.32	2.4	-.17							
		2	Some	24	55	1,037	33	111	33	11,044	36														
		3	Quite a bit	11	25	917	29	95	28	9,105	30														
		4	Very much	3	7	571	18	74	22	4,720	15														
			Total	44	100	3,117	100	335	100	30,623	100														
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	1	2	324	10	26	8	2,075	7	2.7	2.9	-.25	3.0 *	-.36	2.9 *	-.31							
		2	Some	18	41	671	22	68	20	7,062	23														
		3	Quite a bit	20	45	1,130	36	124	37	12,111	40														
		4	Very much	5	11	995	32	116	35	9,355	31														
			Total	44	100	3,120	100	334	100	30,603	100														
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	7	16	503	16	44	13	3,824	12	2.3	2.6 *	-.27	2.6 *	-.34	2.6 *	-.34							
		2	Some	21	48	980	32	108	32	10,086	33														
		3	Quite a bit	12	27	983	32	112	34	10,653	35														
		4	Very much	4	9	641	21	69	21	6,036	20														
			Total	44	100	3,107	100	333	100	30,599	100														
15. About how many hours do you spend in a typical 7-day week doing the following?																									
a. Preparing for class (studying, reading, ...)	tmprephrs	0	0 hrs	0	0	15	0	4	1	91	0														
	(Recoded version)	3	1-5 hrs	5	11	476	15	65	19	3,705	12														

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

Tennessee Technological University

First-Year Students^a in Education

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				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 ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ							
homework or lab work, analyzing data, rehearsing, and other academic activities)	of tmprep created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	10	23	828	26	101	30	7,076	23	13.9	13.6	.03	12.3	.20	14.7	-.10									
		13	11-15 hrs	10	23	652	21	67	20	6,892	22																
		18	16-20 hrs	12	27	557	18	47	14	5,903	19																
		23	21-25 hrs	5	11	309	10	24	7	3,555	12																
		28	26-30 hrs	2	5	145	5	13	4	1,651	5																
		33	More than 30 hrs	0	0	154	5	15	4	1,794	6																
			Total			44	100	3,136	100	336	100								30,667	100							
Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	9	20	1,165	37	122	36	8,749	29	5.3	5.5	-.02	5.8	-.06	6.2	-.11									
		3	1-5 hrs	22	50	918	29	102	30	10,296	34																
		8	6-10 hrs	5	11	438	14	38	11	5,081	17																
		13	11-15 hrs	5	11	276	9	34	10	2,925	10																
		18	16-20 hrs	1	2	164	5	19	6	1,857	6																
		23	21-25 hrs	2	5	78	2	10	3	863	3																
		28	26-30 hrs	0	0	42	1	4	1	356	1																
33	More than 30 hrs	0	0	40	1	6	2	466	2																		
	Total			44	100	3,121	100	335	100	30,593	100																
Working for pay on campus	tmworkonhrs (Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	32	73	2,525	81	258	77	23,594	77	2.8	2.3	.07	2.6	.03	2.4	.06									
		3	1-5 hrs	2	5	103	3	13	4	1,580	5																
		8	6-10 hrs	5	11	164	5	23	7	2,506	8																
		13	11-15 hrs	3	7	145	5	22	7	1,530	5																
		18	16-20 hrs	2	5	124	4	13	4	927	3																
		23	21-25 hrs	0	0	32	1	1	0	300	1																
		28	26-30 hrs	0	0	8	0	0	0	84	0																
33	More than 30 hrs	0	0	17	1	3	1	115	0																		
	Total			44	100	3,118	100	333	100	30,636	100																
Working for pay off campus	tmworkoffhrs (Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	19	43	1,885	61	201	60	20,700	68	10.3	7.4	.26	6.9 *	.34	5.1 **	.58									
		3	1-5 hrs	2	5	150	5	10	3	1,763	6																
		8	6-10 hrs	4	9	176	6	15	4	1,783	6																
		13	11-15 hrs	2	5	187	6	39	12	1,736	6																
		18	16-20 hrs	7	16	209	7	33	10	1,730	6																
		23	21-25 hrs	5	11	131	4	12	4	1,144	4																
		28	26-30 hrs	3	7	88	3	7	2	646	2																
33	More than 30 hrs	2	5	286	9	18	5	1,126	4																		
	Total			44	100	3,112	100	335	100	30,628	100																
Estimated number of hours working for pay	tmworkhrs (Continuous variable created											13.1	9.6	.29	9.4	.32	7.4 **	.54									

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Frequencies and Statistical Comparisons: Education

Tennessee Technological University

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				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 ^l (by NSSE)	Values ^m	Response options	Count		%		Count		%		Count		%		Count		%		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ							
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ							
				2.3																															
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	25	57	1,586	51	175	53	16,358	53																								
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	30	1,037	33	111	33	10,499	34																								
		8	6-10 hrs	3	7	251	8	21	6	2,022	7																								
		13	11-15 hrs	3	7	128	4	18	5	883	3																								
		18	16-20 hrs	0	0	62	2	4	1	446	1																								
		23	21-25 hrs	0	0	23	1	0	0	173	1																								
		28	26-30 hrs	0	0	13	0	0	0	67	0																								
		33	More than 30 hrs	0	0	24	1	4	1	137	0																								
			Total	44	100	3,124	100	333	100	30,585	100																								
				9.3																															
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	2	78	2	11	3	530	2																								
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	25	822	26	83	25	6,782	22																								
		8	6-10 hrs	19	43	843	27	90	27	8,706	28																								
		13	11-15 hrs	6	14	615	20	73	22	6,402	21																								
		18	16-20 hrs	5	11	355	11	36	11	3,902	13																								
		23	21-25 hrs	1	2	174	6	15	4	1,821	6																								
		28	26-30 hrs	0	0	84	3	9	3	818	3																								
		33	More than 30 hrs	1	2	154	5	19	6	1,674	5																								
			Total	44	100	3,125	100	336	100	30,635	100																								
				2.3																															
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	34	77	2,089	67	242	72	23,591	77																								
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	7	409	13	46	14	3,296	11																								
		8	6-10 hrs	4	9	151	5	11	3	1,304	4																								
		13	11-15 hrs	2	5	98	3	11	3	752	2																								
		18	16-20 hrs	0	0	70	2	6	2	472	2																								
		23	21-25 hrs	0	0	45	1	1	0	234	1																								
		28	26-30 hrs	0	0	29	1	1	0	133	0																								
		33	More than 30 hrs	1	2	227	7	16	5	786	3																								
			Total	44	100	3,118	100	334	100	30,568	100																								
				4.5																															
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	13	30	1,420	45	127	38	14,344	47																								
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	19	44	1,011	32	123	36	10,464	34																								
		8	6-10 hrs	3	7	373	12	35	10	3,245	11																								
		13	11-15 hrs	6	14	165	5	26	8	1,218	4																								
		18	16-20 hrs	2	5	67	2	10	3	596	2																								
		23	21-25 hrs	0	0	34	1	5	1	272	1																								
		28	26-30 hrs	0	0	16	1	0	0	136	0																								

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First-Year Students^a in Education

				Frequency Distributions								Statistical Comparisons ^k							
								NSSE 2016 & 2017				Your first-year students compared with							
Item wording or description	Variable name ^l	Values ^m	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 ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
		33	More than 30 hrs	0	0	43	1	11	3	390	1								
			Total	43	100	3,129	100	337	100	30,665	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	5	11	324	10	49	15	3,299	11	2.5	2.8	-.22	2.6	-.06	2.8	-.23	
		2	Some	21	48	1,033	33	114	34	9,928	32								
		3	About half	11	25	985	32	109	33	9,260	30								
		4	Most	3	7	572	18	43	13	6,107	20								
		5	Almost all	4	9	212	7	20	6	2,075	7								
			Total	44	100	3,126	100	335	100	30,669	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)									5.5	6.4	-.16	5.2	.07	6.9	-.23	
	tmreadinghrscol	1	0 hrs	0	0	15	0	4	1	89	0								
		2	More than zero, up to 5 hrs	29	66	1,638	53	199	60	14,876	49								
		3	More than 5, up to 10 hrs	8	18	910	29	96	29	9,230	30								
		4	More than 10, up to 15 hrs	4	9	280	9	18	5	3,229	11								
		5	More than 15, up to 20 hrs	2	5	138	4	9	3	1,716	6								
		6	More than 20, up to 25 hrs	1	2	87	3	5	1	1,045	3								
		7	More than 25 hrs	0	0	51	2	3	1	374	1								
			Total	44	100	3,119	100	334	100	30,559	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	1	2	143	5	17	5	1,918	6	2.7	2.9	-.24	3.0	-.26	2.8	-.10
			2	Some	15	36	768	25	82	24	8,393	27							
			3	Quite a bit	20	48	1,349	43	133	40	13,418	44							
			4	Very much	6	14	873	28	104	31	6,926	23							
			Total		42	100	3,133	100	336	100	30,655	100							
b.	Speaking clearly and effectively	pgspeak	1	Very little	4	9	220	7	23	7	2,761	9							
			2	Some	13	30	892	29	109	32	9,451	31							

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education Tennessee Technological University

First-Year Students^a in Education

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech				NSSE 2016 & 2017				Your first-year students compared with							
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
		3	Quite a bit	20	45	1,248	40	122	36	12,178	40	2.7	2.8	-0.16	2.8	-0.11	2.7	-0.04	
		4	Very much	7	16	768	25	82	24	6,268	20								
		Total		44	100	3,128	100	336	100	30,658	100								
c. Thinking critically and analytically	pgthink	1	Very little	1	2	69	2	10	3	865	3	2.8							
		2	Some	14	33	624	20	68	20	6,069	20								
		3	Quite a bit	19	44	1,344	43	151	45	14,027	46			3.1 *	-0.34	3.1	-0.28	3.1	-0.28
		4	Very much	9	21	1,094	35	107	32	9,705	32			▼					
		Total		43	100	3,131	100	336	100	30,666	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	8	19	495	16	45	13	5,890	19	2.4							
		2	Some	16	37	1,108	36	102	30	10,965	36								
		3	Quite a bit	14	33	977	31	121	36	9,528	31								
		4	Very much	5	12	541	17	68	20	4,276	14								
		Total		43	100	3,121	100	336	100	30,659	100			2.5	-0.14	2.6	-0.27	2.4	-0.03
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	5	11	389	12	46	14	3,569	12	2.8							
		2	Some	12	27	940	30	94	28	9,571	31								
		3	Quite a bit	16	36	1,055	34	123	37	11,143	36								
		4	Very much	11	25	746	24	73	22	6,405	21								
		Total		44	100	3,130	100	336	100	30,688	100			2.7	.06	2.7	.09	2.7	.09
f. Working effectively with others	pgothers	1	Very little	2	5	161	5	16	5	1,633	5	3.0							
		2	Some	9	20	774	25	89	27	7,746	25								
		3	Quite a bit	22	50	1,254	40	133	40	13,252	43								
		4	Very much	11	25	943	30	97	29	8,049	26								
		Total		44	100	3,132	100	335	100	30,680	100			3.0	.00	2.9	.03	2.9	.06
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	6	14	254	8	37	11	2,737	9	2.5							
		2	Some	19	43	801	26	94	28	8,527	28								
		3	Quite a bit	12	27	1,170	37	120	36	12,148	40								
		4	Very much	7	16	907	29	84	25	7,286	24								
		Total		44	100	3,132	100	335	100	30,698	100			2.9 **	-0.45	2.7	-0.31	2.8 *	-0.36
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	5	11	249	8	34	10	2,350	8	2.4							
		2	Some	22	50	766	24	85	25	8,179	27								
		3	Quite a bit	10	23	1,175	38	127	38	11,957	39								
		4	Very much	7	16	941	30	90	27	8,204	27								
		Total		44	100	3,131	100	336	100	30,690	100			2.9 ***	-0.50	2.8 *	-0.40	2.8 **	-0.46
i. Solving complex real-world problems	pgprobsolve	1	Very little	4	9	333	11	34	10	3,468	11								
		2	Some	18	41	987	32	108	32	10,441	34								

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Frequencies and Statistical Comparisons: Education Tennessee Technological University

First-Year Students^a in Education

		Frequency Distributions										Statistical Comparisons ^k							
												<i>Your first-year students compared with</i>							
Item wording or description	Variable name ^l	Values ^m	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 ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
		3	Quite a bit	15	34	1,098	35	114	34	11,039	36	2.6	2.7	-.14	2.7	-.15	2.6	-.06	
		4	Very much	7	16	708	23	78	23	5,731	19								
		Total		44	100	3,126	100	334	100	30,679	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	7	16	326	10	32	10	3,119	10	2.5	2.7	-.18	2.8	-.25	2.7	-.16	
		2	Some	16	36	949	30	96	29	9,621	31								
		3	Quite a bit	11	25	1,128	36	118	35	11,403	37								
		4	Very much	10	23	716	23	87	26	6,461	21								
		Total		44	100	3,119	100	333	100	30,604	100								
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	0	0	42	1	10	3	463	2	3.2	3.3	-.14	3.1	.07	3.3	-.14	
		2	Fair	9	20	352	11	56	17	3,111	10								
		3	Good	18	41	1,424	45	152	45	14,395	47								
		4	Excellent	17	39	1,318	42	119	35	12,727	41								
		Total		44	100	3,136	100	337	100	30,696	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	1	2	77	2	11	3	954	3	3.3	3.3	.05	3.2	.17	3.3	.04	
		2	Probably no	5	11	360	11	52	15	3,193	10								
		3	Probably yes	16	36	1,242	40	132	39	12,066	39								
		4	Definitely yes	22	50	1,462	47	141	42	14,536	47								
		Total		44	100	3,141	100	336	100	30,749	100								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

Tennessee Technological University

Seniors^a in Education

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k																											
				Tennessee Tech				Carnegie Class				THEC Peer Group				Tennessee Tech		Your seniors compared with																					
				NSSE 2016 & 2017		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ																					
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 2 3 4	Never Sometimes Often Very often	0 5 28 29 62	0 8 45 47 100	60 825 1,315 1,995 4,195	1 20 31 48 100	6 58 104 148 316	2 18 33 47 100	526 7,430 11,917 17,305 37,178	1 20 32 47 100	3.4	3.3	.17	3.2	.18	3.2	.18																					
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1 2 3 4	Never Sometimes Often Very often	5 19 22 17 63	8 30 35 27 100	772 1,412 1,120 880 4,184	18 34 27 21 100	77 100 81 56 314	25 32 26 18 100	7,381 13,674 9,485 6,551 37,091	20 37 26 18 100								2.8	2.5 *	.30	2.4 **	.43	2.4 **	.40														
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1 2 3 4	Very often Often Sometimes Never	0 8 27 28 63	0 13 43 44 100	195 467 2,224 1,300 4,186	5 11 53 31 100	9 35 174 97 315	3 11 55 31 100	1,878 4,579 20,781 9,882 37,120	5 12 56 27 100															3.3	3.1 *	.27	3.1	.25	3.0 **	.36							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1 2 3 4	Never Sometimes Often Very often	26 20 5 12 63	41 32 8 19 100	1,746 1,303 561 576 4,186	42 31 13 14 100	112 114 40 50 316	35 36 13 16 100	12,547 12,799 5,627 6,185 37,158	34 34 15 17 100																						2.0	2.0	.05	2.1	-.04	2.1	-.09
e. Asked another student to help you understand course material	CLaskhelp	1 2 3 4	Never Sometimes Often Very often	1 24 25 12 62	2 39 40 19 100	636 1,791 1,147 616 4,190	15 43 27 15 100	19 130 94 73 316	6 41 30 23 100	3,352 15,313 12,265 6,254 37,184	9 41 33 17 100																												
f. Explained course material to one or more students	CLexplain	1 2 3 4	Never Sometimes Often Very often	0 16 27 19 62	0 26 44 31 100	276 1,493 1,474 945 4,188	7 36 35 23 100	3 103 109 100 315	1 33 35 32 100	1,231 11,516 15,272 9,155 37,174	3 31 41 25 100	3.0	2.7 **	.35	3.0	.09	2.9	.22																					
g. Prepared for exams by discussing or working through course material with other	CLstudy	1 2 3	Never Sometimes Often	6 15 21	10 24 34	949 1,404 1,096	23 34 26	40 92 97	13 29 31	5,450 12,696 11,584	15 34 31								2.9	2.4 ***	.49	2.7	.16	2.6 **	.33														

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Frequencies and Statistical Comparisons: Education

Tennessee Technological University

Seniors^a in Education

				Frequency Distributions								Statistical Comparisons ^k																															
				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		%		Mean		Effect size ⁿ		Mean		Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options																																								
students		4	Very often	20	32	736	18	87	28	7,460	20																																
			Total	62	100	4,185	100	316	100	37,190	100																																
h. Worked with other students on course projects or assignments	CLproject	1	Never	2	3	251	6	11	3	1,887	5	3.1	▲	2.8 *	.31	2.9	.19	2.9 *	.28																								
		2	Sometimes	14	22	1,284	31	94	30	11,138	30																																
		3	Often	22	35	1,561	37	111	35	14,183	38																																
		4	Very often	25	40	1,094	26	100	32	9,976	27																																
			Total	63	100	4,190	100	316	100	37,184	100																																
i. Given a course presentation	present	1	Never	5	8	616	15	21	7	2,866	8	3.0	▲	2.7 **	.38	2.8	.23	2.8	.22																								
		2	Sometimes	11	18	1,201	29	95	30	10,551	28																																
		3	Often	22	35	1,346	32	115	36	13,300	36																																
		4	Very often	24	39	1,022	24	85	27	10,485	28																																
			Total	62	100	4,185	100	316	100	37,202	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	3	5	148	4	15	5	965	3	3.1	3.0	.14	3.0	.14	3.0	.08																									
		2	Sometimes	13	21	1,111	27	86	27	9,099	24																																
		3	Often	23	37	1,664	40	113	36	15,589	42																																
		4	Very often	24	38	1,263	30	102	32	11,519	31																																
			Total	63	100	4,186	100	316	100	37,172	100																																
b. Connected your learning to societal problems or issues	RI societal	1	Never	5	8	246	6	28	9	1,842	5	2.8	2.8	-.07	2.7	.04	2.9	-.08																									
		2	Sometimes	19	30	1,287	31	105	34	11,460	31																																
		3	Often	24	38	1,527	37	97	31	14,228	38																																
		4	Very often	15	24	1,111	27	81	26	9,606	26																																
			Total	63	100	4,171	100	311	100	37,136	100																																
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RI diverse	1	Never	7	11	363	9	37	12	2,714	7	2.7	2.7	.00	2.7	.07	2.7	.00																									
		2	Sometimes	16	26	1,398	33	106	34	12,870	35																																
		3	Often	25	40	1,365	33	93	30	12,780	34																																
		4	Very often	14	23	1,054	25	78	25	8,781	24																																
			Total	62	100	4,180	100	314	100	37,145	100																																
d. Examined the strengths and weaknesses of your own views on a topic or issue	RI ownview	1	Never	3	5	153	4	20	6	1,301	4	2.8	2.9	-.07	2.8	.04	2.9	-.04																									
		2	Sometimes	19	30	1,187	28	93	29	10,860	29																																
		3	Often	26	41	1,777	43	131	41	16,224	44																																
		4	Very often	15	24	1,064	25	72	23	8,754	24																																
			Total	63	100	4,181	100	316	100	37,139	100																																
e. Tried to better	RIperspect	1	Never	3	5	90	2	12	4	708	2																																

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Seniors^a in Education

				Frequency Distributions								Statistical Comparisons ^k							
				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	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
understand someone else's views by imagining how an issue looks from their perspective		2	Sometimes	13	21	983	24	82	26	8,975	24	3.0	3.0	.00	3.0	.06	3.0	.02	
		3	Often	27	43	1,861	45	128	41	17,009	46								
		4	Very often	20	32	1,236	30	94	30	10,449	28								
		Total		63	100	4,170	100	316	100	37,141	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	1	2	73	2	12	4	551	1	2.9	3.0	-.09	2.9	.00	3.0	-.11	
		2	Sometimes	19	30	1,146	27	97	31	9,748	26								
		3	Often	29	46	1,831	44	121	38	16,987	46								
		4	Very often	14	22	1,126	27	86	27	9,840	27								
Total		63	100	4,176	100	316	100	37,126	100										
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	2	23	1	3	1	210	1	3.4	3.3	.15	3.2	.26	3.3	.15	
		2	Sometimes	5	8	571	14	60	19	4,763	13								
		3	Often	27	43	1,869	45	132	42	17,178	46								
		4	Very often	30	48	1,699	41	119	38	14,916	40								
Total		63	100	4,162	100	314	100	37,067	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	3	5	607	15	46	15	3,690	10	3.0	2.6 ***	.43	2.7 **	.32	2.7 *	.29
		2	Sometimes	14	22	1,536	37	100	32	12,991	35							
		3	Often	27	43	1,133	27	84	27	11,072	30							
		4	Very often	19	30	908	22	85	27	9,393	25							
Total		63	100	4,184	100	315	100	37,146	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	15	24	1,859	45	110	35	12,861	35	2.4	1.9 ***	.48	2.1 *	.29	2.1 *	.30
		2	Sometimes	19	30	1,235	30	103	33	12,425	33							
		3	Often	17	27	613	15	52	17	6,793	18							
		4	Very often	12	19	462	11	46	15	5,022	14							
Total		63	100	4,169	100	311	100	37,101	100									
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	6	10	1,215	29	64	20	7,264	20	2.7	2.2 ***	.51	2.4 *	.30	2.3 **	.34
		2	Sometimes	22	35	1,617	39	126	40	15,373	41							
		3	Often	23	37	823	20	71	23	9,241	25							
		4	Very often	12	19	517	12	53	17	5,196	14							
Total		63	100	4,172	100	314	100	37,074	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	4	6	805	19	53	17	6,064	16	2.7	2.3 **	.36	2.5	.22	2.4 *	.30
		2	Sometimes	26	41	1,770	42	119	38	15,829	43							
		3	Often	20	32	1,029	25	84	27	9,900	27							
		4	Very often	13	21	571	14	56	18	5,276	14							

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Tennessee Technological University

Seniors^a in Education

				Frequency Distributions								Statistical Comparisons ^k																							
				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 ⁿ		Mean		Effect size ⁿ		Mean		Effect size ⁿ					
Item wording or description	Variable name ^l	Values ^m	Response options Total																																
4. During the current school year, how much has your coursework emphasized the following?				63		100		4,175		100		312		100		37,069		100																	
a. Memorizing course material	memorize	1	Very little	9	14	526	13	42	13	4,383	12	2.5	2.6	-.10	2.6	-.13	2.6	-.10																	
		2	Some	25	40	1,406	34	96	31	12,810	34																								
		3	Quite a bit	17	27	1,473	35	110	35	13,345	36																								
		4	Very much	12	19	779	19	65	21	6,607	18																								
		Total		63	100	4,184	100	313	100	37,145	100																								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	3	138	3	12	4	1,069	3	3.2	3.1	.17	3.1	.20	3.1	.19																	
		2	Some	9	14	808	19	70	22	7,336	20																								
		3	Quite a bit	25	40	1,805	43	121	39	16,724	45																								
		4	Very much	27	43	1,427	34	111	35	12,005	32																								
		Total		63	100	4,178	100	314	100	37,134	100																								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	2	3	176	4	12	4	1,340	4	3.1	3.0	.07	3.1	-.04	3.0	.09																	
		2	Some	16	25	902	22	64	20	8,332	22																								
		3	Quite a bit	20	32	1,781	43	115	37	16,083	43																								
		4	Very much	25	40	1,324	32	123	39	11,355	31																								
		Total		63	100	4,183	100	314	100	37,110	100																								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	5	8	175	4	20	6	1,574	4	3.0	3.0	.00	3.0	.03	2.9	.05																	
		2	Some	11	17	946	23	74	24	9,052	24																								
		3	Quite a bit	27	43	1,830	44	119	38	16,304	44																								
		4	Very much	20	32	1,221	29	101	32	10,145	27																								
		Total		63	100	4,172	100	314	100	37,075	100																								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	2	3	153	4	14	5	1,281	3	3.1	3.0	.08	3.0	.09	3.0	.10																	
		2	Some	13	21	952	23	72	23	8,594	23																								
		3	Quite a bit	27	43	1,814	43	129	42	16,600	45																								
		4	Very much	21	33	1,256	30	95	31	10,584	29																								
		Total		63	100	4,175	100	310	100	37,059	100																								
5. During the current school year, to what extent have your instructors done the following?				63		100		4,189		100		315		100		37,167		100																	
a. Clearly explained course goals and requirements	ETgoals	1	Very little	2	3	115	3	9	3	768	2	3.1	3.2	-.06	3.2	-.13	3.1	-.05																	
		2	Some	13	21	699	17	52	17	6,264	17																								
		3	Quite a bit	24	38	1,789	43	116	37	16,777	45																								
		4	Very much	24	38	1,586	38	138	44	13,358	36																								
		Total		63	100	4,189	100	315	100	37,167	100																								
b. Taught course sessions	ETorganize	1	Very little	3	5	141	3	14	4	972	3																								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

Tennessee Technological University

Seniors^a in Education

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech				NSSE 2016 & 2017				Your seniors compared with							
Item wording or description in an organized way	Variable name ^l	Values ^m	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 ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
		2	Some	7	11	733	18	58	19	6,572	18	3.1	3.1	.03	3.1	.03	3.1	.04	
		3	Quite a bit	31	49	1,794	43	118	38	17,043	46								
		4	Very much	22	35	1,516	36	122	39	12,569	34								
		Total		63	100	4,184	100	312	100	37,156	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	3	5	189	5	11	4	1,161	3	3.2	3.1	.12	3.2	-.03	3.1	.07	
		2	Some	9	14	810	19	52	17	6,833	18								
		3	Quite a bit	25	40	1,676	40	113	36	15,663	42								
		4	Very much	26	41	1,507	36	135	43	13,473	36								
		Total		63	100	4,182	100	311	100	37,130	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	2	3	344	8	21	7	2,752	7	3.2							
		2	Some	11	17	1,023	24	80	25	9,287	25								
		3	Quite a bit	21	33	1,388	33	97	31	13,351	36			2.9 *	.30	3.0	.26	2.9 **	.33
		4	Very much	29	46	1,427	34	117	37	11,745	32			▲				▲	
		Total		63	100	4,182	100	315	100	37,135	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	4	6	281	7	18	6	2,342	6	3.1							
		2	Some	8	13	1,042	25	81	26	9,739	26								
		3	Quite a bit	26	41	1,538	37	107	34	14,736	40			2.9	.23	3.0	.20	2.9 *	.29
		4	Very much	25	40	1,310	31	106	34	10,247	28							▲	
		Total		63	100	4,171	100	312	100	37,064	100								
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	5	8	737	18	64	20	6,873	19	2.5							
		2	Sometimes	27	43	1,565	37	116	37	14,598	39								
		3	Often	23	37	1,298	31	90	29	10,853	29			2.4	.13	2.4	.18	2.4	.19
		4	Very often	8	13	586	14	45	14	4,793	13								
		Total		63	100	4,186	100	315	100	37,117	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	14	22	1,074	26	100	32	9,847	27	2.2							
		2	Sometimes	27	43	1,653	39	109	35	15,299	41								
		3	Often	18	29	1,004	24	67	21	8,363	23			2.2	-.01	2.1	.06	2.2	.04
		4	Very often	4	6	454	11	37	12	3,604	10								
		Total		63	100	4,185	100	313	100	37,113	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	14	22	1,042	25	85	27	9,024	24	2.2							
		2	Sometimes	29	46	1,741	42	116	37	15,898	43								
		3	Often	15	24	1,010	24	75	24	8,893	24			2.2	-.01	2.2	-.03	2.2	.00
		4	Very often	5	8	392	9	37	12	3,299	9								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

Tennessee Technological University

Seniors^a in Education

				Frequency Distributions						Statistical Comparisons ^k																	
				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 ^l	Values ^m	Response options Total	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ									
				63	100	4,185	100	313	100	37,114	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	0	None	5	8	224	5	29	9	2,056	6	7.3	8.4	-.15	6.7	.09	7.7	-.06									
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	8	13	738	18	68	22	6,880	19																
		4	3-5	19	31	1,130	27	88	29	10,545	29																
		8	6-10	18	29	808	20	55	18	7,865	21																
		13	11-15	4	6	424	10	33	11	3,804	10																
		18	16-20	3	5	259	6	10	3	2,185	6																
		23	More than 20	5	8	533	13	25	8	3,496	9																
	Total			62	100	4,116	100	308	100	36,831	100																
b. Between 6 and 10 pages	wrmednum	0	None	14	23	1,088	27	106	35	9,272	25	4.7	3.7	.21	2.6 *	.45	3.2	.36									
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	16	26	1,270	31	102	34	13,184	36																
		4	3-5	19	31	889	22	58	19	8,322	23																
		8	6-10	4	6	484	12	23	8	3,704	10																
		13	11-15	5	8	164	4	2	1	1,103	3																
		18	16-20	0	0	76	2	3	1	486	1																
		23	More than 20	4	6	87	2	6	2	471	1																
	Total			62	100	4,058	100	300	100	36,542	100																
c. 11 pages or more	wrlongnum	0	None	30	48	2,159	53	186	61	19,147	52	2.7	1.8	.22	1.7	.22	1.6	.33									
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	23	37	1,196	30	84	28	12,005	33																
		4	3-5	3	5	359	9	15	5	3,194	9																
		8	6-10	2	3	157	4	3	1	1,119	3																
		13	11-15	1	2	75	2	6	2	456	1																
		18	16-20	0	0	33	1	3	1	223	1																
		23	More than 20	4	6	57	1	7	2	340	1																
	Total			63	100	4,036	100	304	100	36,484	100																
Estimated number of assigned pages of student writing.	wrpages											92.3	79.6	.13	62.7	.27	71.3	.25									
	(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	6	10	202	5	16	5	1,655	4	2.9	3.1	-.24	3.2 *	-.35	3.0	-.16									
		2	Sometimes	17	27	917	22	55	17	9,456	25																
		3	Often	17	27	1,243	30	86	27	11,483	31																
		4	Very often	23	37	1,822	44	159	50	14,594	39																

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education Tennessee Technological University

Seniors^a in Education

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				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Effect size ⁿ					
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean				
9. During the current school year, about how often have you done the following?				63		4,184		316		37,188		3.2		3.1		3.2		3.1		.12					
b. People from an economic background other than your own	DDeconomic	1	Never	1	2	183	4	13	4	1,239	3	3.2	3.1	.12	3.2	-.01	3.1	.17							
		2	Sometimes	9	15	894	21	55	17	8,760	24														
		3	Often	28	45	1,425	34	98	31	13,635	37														
		4	Very often	24	39	1,678	40	149	47	13,500	36														
			Total	62	100	4,180	100	315	100	37,134	100														
c. People with religious beliefs other than your own	DDreligion	1	Never	4	6	284	7	23	7	2,285	6	2.9	2.9	-.06	3.0	-.12	2.9	-.05							
		2	Sometimes	20	32	1,137	27	77	25	10,380	28														
		3	Often	18	29	1,280	31	88	28	11,851	32														
		4	Very often	21	33	1,477	35	125	40	12,639	34														
			Total	63	100	4,178	100	313	100	37,155	100														
d. People with political views other than your own	DDpolitical	1	Never	3	5	264	6	18	6	1,919	5	3.1	3.0	.14	3.1	-.03	3.0	.14							
		2	Sometimes	13	21	1,086	26	69	22	10,153	27														
		3	Often	22	35	1,346	32	84	27	12,350	33														
		4	Very often	25	40	1,480	35	144	46	12,705	34														
			Total	63	100	4,176	100	315	100	37,127	100														
a. Identified key information from reading assignments	LSreading	1	Never	1	2	112	3	14	4	833	2	3.3	3.2	.17	3.2	.17	3.1	.22							
		2	Sometimes	5	8	715	17	51	16	6,771	18														
		3	Often	30	48	1,705	41	117	37	16,057	43														
		4	Very often	26	42	1,652	39	131	42	13,488	36														
			Total	62	100	4,184	100	313	100	37,149	100														
b. Reviewed your notes after class	LSnotes	1	Never	5	8	284	7	18	6	2,788	8	3.1	2.9	.19	3.1	.02	2.8 *	.29							
		2	Sometimes	11	17	1,165	28	69	22	11,767	32														
		3	Often	21	33	1,395	33	100	32	12,175	33														
		4	Very often	26	41	1,341	32	125	40	10,420	28														
			Total	63	100	4,185	100	312	100	37,150	100														
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	3	5	262	6	17	5	2,333	6	3.0	2.9	.14	3.0	.03	2.8	.23							
		2	Sometimes	13	21	1,094	26	78	25	11,004	30														
		3	Often	25	40	1,529	37	102	32	13,932	38														
		4	Very often	22	35	1,278	31	117	37	9,794	26														
			Total	63	100	4,163	100	314	100	37,063	100														
10. During the current school year, to what extent have your courses challenged you to do your best work?				0		36		3		285															
challenge		1	Not at all	0	0	36	1	3	1	285	1														

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

Tennessee Technological University

Seniors^a in Education

			Frequency Distributions								Statistical Comparisons ^k																												
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Your seniors compared with																										
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ																					
		2		0	0	43	1	4	1	426	1	5.9	5.8	.11	5.7	.18	5.7	.20																					
		3		3	5	123	3	15	5	1,185	3																												
		4		4	6	347	8	22	7	3,410	9																												
		5		15	24	1,037	25	78	25	10,337	28																												
		6		15	24	1,092	26	95	30	10,338	28																												
		7	Very much	26	41	1,506	36	98	31	11,114	30																												
		Total		63	100	4,184	100	315	100	37,095	100																												
11. Which of the following have you done or do you plan to do before you graduate?^o																																							
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided Do not plan to do Plan to do Done or in progress Total	5 2 5 51 63	8 3 8 81 100	252 336 1,248 2,351 4,187	6 8 30 56 100	20 31 78 185 314	6 10 25 59 100	1,825 2,851 9,629 22,878 37,183	5 8 26 62 100	81%	56% ***	.54	59% ***	.49	62% **	.43																					
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 Do not plan to do Plan to do Done or in progress Total	10 21 10 21 62	16 34 16 34 100	602 1,887 429 1,263 4,181	14 45 10 30 100	37 134 20 124 315	12 43 6 39 100	4,066 15,700 2,851 14,532 37,149	11 42 8 39 100								34%	30%	.08	39%	-.11	39%	-.11														
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 Do not plan to do Plan to do Done or in progress Total	11 28 7 17 63	17 44 11 27 100	673 1,869 512 1,125 4,179	16 45 12 27 100	42 134 36 103 315	13 43 11 33 100	5,042 16,561 3,718 11,760 37,081	14 45 10 32 100															27%	27%	.00	33%	-.13	32%	-.10							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided Do not plan to do Plan to do Done or in progress Total	13 46 4 0 63	21 73 6 0 100	660 2,851 346 324 4,181	16 68 8 8 100	43 232 22 18 315	14 74 7 6 100	4,491 24,862 2,553 5,207 37,113	12 67 7 14 100																						0%	8% *	-.56	6%	-.48	14% **	-.77
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 Do not plan to do Plan to do Done or in progress Total	15 33 9 6 63	24 52 14 10 100	820 2,196 491 659 4,166	20 53 12 16 100	59 159 32 61 311	19 51 10 20 100	5,667 19,872 3,916 7,628 37,083	15 54 11 21 100																												

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Frequencies and Statistical Comparisons: Education

Tennessee Technological University

Seniors^a in Education

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				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	5	8	582	14	34	11	3,123	8	57%	38% **	.39	43% *	.27	49%	.17	
			Do not plan to do	12	19	962	23	66	21	7,025	19								
			Plan to do	10	16	1,065	25	77	25	8,920	24								
			Done or in progress	36	57	1,570	38	136	43	18,072	49								
			Total	63	100	4,179	100	313	100	37,140	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?												2.1	2.0	.19	2.0	.20	2.0	.23	
	servcourse	1	None	7	11	1,105	26	74	23	9,215	25								
		2	Some	43	68	2,186	52	176	56	21,138	57								
		3	Most	11	17	742	18	60	19	5,799	16								
		4	All	2	3	144	3	5	2	967	3								
			Total	63	100	4,177	100	315	100	37,119	100								
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	0	0	40	1	6	2	320	1	5.9	5.7	.13	5.7	.13	5.7	.15	
		2		0	0	51	1	5	2	486	1								
		3		1	2	136	3	10	3	1,260	3								
		4		4	6	391	9	16	5	3,456	9								
		5		21	33	944	23	79	25	8,890	24								
		6		11	17	1,149	27	92	29	10,608	29								
		7	Excellent	25	40	1,402	33	104	33	11,933	32								
		—	Not applicable	1	2	80	2	3	1	267	1								
			Total	63	100	4,193	100	315	100	37,220	100								
b. Academic advisors	QIadvisor	1	Poor	2	3	225	5	17	5	1,641	4	5.7	5.2 *	.30	5.2 *	.32	5.2 *	.29	
		2		1	2	219	5	19	6	1,874	5								
		3		2	3	332	8	23	7	2,819	8								
		4		7	11	458	11	36	11	4,494	12								
		5		11	17	733	18	57	18	6,745	18								
		6		10	16	799	19	54	17	7,417	20								
		7	Excellent	29	46	1,366	33	104	33	11,853	32								
		—	Not applicable	1	2	50	1	4	1	334	1								
			Total	63	100	4,182	100	314	100	37,177	100								
c. Faculty	QIfaculty	1	Poor	0	0	63	2	6	2	422	1	5.9	5.6	.19	5.5 *	.30	5.6	.20	
		2		1	2	82	2	7	2	623	2								
		3		0	0	180	4	18	6	1,440	4								
		4		5	8	415	10	38	12	3,760	10								
		5		19	31	899	22	72	23	8,643	23								

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				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	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	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ						
		6		11	18	1,195	29	80	25	11,220	30														
		7	Excellent	25	40	1,300	31	90	29	10,808	29														
		—	Not applicable	1	2	40	1	4	1	160	0														
			Total	62	100	4,174	100	315	100	37,076	100														
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	1	2	187	4	13	4	1,598	4	5.1	4.9	.11	4.8	.16	4.9	.12							
		2		4	6	201	5	13	4	1,696	5														
		3		4	6	277	7	22	7	2,741	7														
		4		6	10	474	11	39	12	5,143	14														
		5		15	24	710	17	66	21	7,255	20														
		6		11	17	592	14	41	13	6,547	18														
		7	Excellent	12	19	726	17	46	15	6,224	17														
		—	Not applicable	10	16	1,011	24	75	24	5,898	16														
			Total	63	100	4,178	100	315	100	37,102	100														
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	3	5	222	5	22	7	1,756	5	5.1	5.0	.05	4.7	.21	4.9	.10							
		2		2	3	211	5	22	7	1,963	5														
		3		5	8	320	8	26	8	3,144	8														
		4		12	19	618	15	53	17	5,824	16														
		5		11	17	814	19	60	19	8,303	22														
		6		12	19	805	19	56	18	7,521	20														
		7	Excellent	16	25	960	23	56	18	6,991	19														
		—	Not applicable	2	3	244	6	19	6	1,673	5														
			Total	63	100	4,194	100	314	100	37,175	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	3	5	76	2	6	2	718	2	3.3	3.1	.19	3.1	.24	3.1	.21							
		2	Some	5	8	790	19	62	20	6,958	19														
		3	Quite a bit	28	44	1,909	46	151	48	17,478	47														
		4	Very much	27	43	1,408	34	96	30	12,024	32														
			Total	63	100	4,183	100	315	100	37,178	100														
b. Providing support to help students succeed academically	SEacademic	1	Very little	5	8	197	5	16	5	1,412	4	3.2	3.0	.25	2.9 *	.29	3.0 *	.25							
		2	Some	6	10	963	23	77	25	8,424	23														
		3	Quite a bit	24	38	1,720	41	128	41	16,461	44														
		4	Very much	28	44	1,277	31	91	29	10,698	29														
			Total	63	100	4,157	100	312	100	36,995	100														
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	5	8	394	9	32	10	3,318	9	3.0	2.9	.17	2.8	.20	2.9	.19							
		2	Some	15	24	996	24	81	26	9,267	25														
		3	Quite a bit	16	25	1,524	37	107	34	14,134	38														

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				Frequency Distributions								Statistical Comparisons ^k													
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech Mean	Carnegie Class Mean	THEC Peer Group Mean	NSSE 2016 & 2017 Mean	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ						
				Count	%	Count	%	Count	%	Count	%														
		4	Very much	27	43	1,260	30	95	30	10,371	28														
			Total	63	100	4,174	100	315	100	37,090	100														
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	4	6	575	14	50	16	4,890	13	2.8	2.7	.15	2.6	.26	2.6	.18							
		2	Some	24	38	1,231	29	106	34	11,601	31														
		3	Quite a bit	14	22	1,331	32	91	29	12,349	33														
		4	Very much	21	33	1,036	25	68	22	8,261	22														
			Total	63	100	4,173	100	315	100	37,101	100														
e. Providing opportunities to be involved socially	SEsocial	1	Very little	3	5	390	9	22	7	2,479	7	3.1	2.8 *	.32	2.9	.25	2.9 *	.26							
		2	Some	12	19	1,078	26	82	26	9,073	24														
		3	Quite a bit	21	34	1,562	37	116	37	15,130	41														
		4	Very much	26	42	1,142	27	94	30	10,405	28														
			Total	62	100	4,172	100	314	100	37,087	100														
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	6	10	559	13	35	11	3,513	9	2.9	2.7	.17	2.8	.08	2.8	.10							
		2	Some	17	27	1,097	26	75	24	9,611	26														
		3	Quite a bit	17	27	1,402	34	114	36	14,202	38														
		4	Very much	23	37	1,114	27	91	29	9,743	26														
			Total	63	100	4,172	100	315	100	37,069	100														
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	18	29	1,422	34	113	36	11,789	32	2.3	2.1	.17	2.1	.19	2.1	.19							
		2	Some	21	33	1,348	32	98	31	13,350	36														
		3	Quite a bit	11	17	848	20	64	20	7,841	21														
		4	Very much	13	21	553	13	40	13	4,090	11														
			Total	63	100	4,171	100	315	100	37,070	100														
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	8	13	771	19	37	12	4,724	13	2.6	2.6	.01	2.9	-.25	2.7	-.10							
		2	Some	21	33	1,112	27	75	24	10,405	28														
		3	Quite a bit	22	35	1,312	32	100	32	13,258	36														
		4	Very much	12	19	960	23	103	33	8,652	23														
			Total	63	100	4,155	100	315	100	37,039	100														
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	18	29	996	24	65	21	6,857	19	2.2	2.3	-.11	2.4	-.16	2.4	-.20							
		2	Some	23	37	1,438	35	119	38	13,631	37														
		3	Quite a bit	12	19	1,067	26	74	24	11,031	30														
		4	Very much	10	16	648	16	55	18	5,514	15														
			Total	63	100	4,149	100	313	100	37,033	100														
15. About how many hours do you spend in a typical 7-day week doing the following?																									
a. Preparing for class (studying, reading, ...)	tmprephrs	0	0 hrs	0	0	17	0	2	1	135	0														
	(Recoded version)	3	1-5 hrs	7	11	485	12	37	12	4,301	12														

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

Tennessee Technological University

Seniors^a in Education

				Frequency Distributions						Statistical Comparisons ^k									
										<i>Your seniors compared with</i>									
				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 ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
homework or lab work, analyzing data, rehearsing, and other academic activities)	<i>of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	8	6-10 hrs	10	16	938	22	84	27	8,226	22	17.0	15.5	.17	14.8	.25	15.6	.15	
		13	11-15 hrs	11	17	874	21	64	20	7,581	20								
		18	16-20 hrs	15	24	743	18	46	15	6,768	18								
		23	21-25 hrs	7	11	469	11	40	13	4,049	11								
		28	26-30 hrs	7	11	296	7	17	5	2,519	7								
		33	More than 30 hrs	6	10	361	9	25	8	3,545	10								
Total				63	100	4,183	100	315	100	37,124	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	<i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	23	37	2,069	50	146	47	13,987	38	7.1	4.4 *	.39	4.5 *	.35	5.4	.24	
		3	1-5 hrs	16	26	1,020	24	80	26	11,347	31								
		8	6-10 hrs	7	11	475	11	40	13	5,082	14								
		13	11-15 hrs	5	8	235	6	24	8	2,712	7								
		18	16-20 hrs	4	6	174	4	8	3	1,866	5								
		23	21-25 hrs	2	3	88	2	3	1	926	3								
Total				62	100	4,164	100	311	100	37,039	100								
c. Working for pay on campus	<i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	49	78	3,248	78	243	77	25,147	68	3.7	3.1	.08	3.4	.04	3.9	-.03	
		3	1-5 hrs	1	2	133	3	8	3	2,224	6								
		8	6-10 hrs	3	5	217	5	17	5	3,598	10								
		13	11-15 hrs	3	5	202	5	14	4	2,549	7								
		18	16-20 hrs	2	3	243	6	23	7	2,343	6								
		23	21-25 hrs	3	5	56	1	2	1	653	2								
Total				63	100	4,184	100	315	100	37,119	100								
d. Working for pay off campus	<i>(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	20	32	1,584	38	126	40	15,759	43	13.2	13.2	.00	11.9	.11	10.7	.21	
		3	1-5 hrs	3	5	227	5	13	4	2,698	7								
		8	6-10 hrs	7	11	286	7	26	8	3,148	8								
		13	11-15 hrs	5	8	282	7	18	6	2,912	8								
		18	16-20 hrs	8	13	417	10	50	16	3,594	10								
		23	21-25 hrs	7	11	300	7	27	9	2,603	7								
Total				63	100	4,174	100	316	100	37,060	100								
Estimated number of hours working for pay	<i>tmworkhrs (Continuous variable created</i>											16.9	16.3	.04	15.3	.12	14.5	.19	

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

Tennessee Technological University

Seniors^a in Education

				Frequency Distributions								Statistical Comparisons ^k																															
				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 ^l	Values ^m	Response options	Count		%		Count		%		Count		%		Count		%		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ															
				by NSSE)	by NSSE)	by NSSE)	by NSSE)	by NSSE)	by NSSE)	by NSSE)	by NSSE)	by NSSE)	by NSSE)	by NSSE)	by NSSE)	by NSSE)	by NSSE)	by NSSE)	by NSSE)										by NSSE)														
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	22	35	1,728	41	134	43	16,304	44	6.4	▲	4.2 *	.33	4.4	.28	3.6 *	.48																								
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	18	29	1,466	35	102	32	13,966	38																																
	8	6-10 hrs	10	16	496	12	41	13	3,535	10																																	
	13	11-15 hrs	4	6	208	5	15	5	1,380	4																																	
	18	16-20 hrs	4	6	107	3	9	3	770	2																																	
	23	21-25 hrs	2	3	49	1	1	0	366	1																																	
	28	26-30 hrs	0	0	42	1	6	2	203	1																																	
	33	More than 30 hrs	3	5	69	2	6	2	515	1																																	
	Total			63	100	4,165	100	314	100	37,039	100																																
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	2	161	4	9	3	1,006	3	11.0		9.5	.21	9.4	.24	10.1	.13																								
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	16	25	1,377	33	111	35	11,058	30																																
	8	6-10 hrs	16	25	1,198	29	76	24	10,967	30																																	
	13	11-15 hrs	15	24	671	16	62	20	6,673	18																																	
	18	16-20 hrs	9	14	410	10	34	11	3,846	10																																	
	23	21-25 hrs	3	5	157	4	10	3	1,593	4																																	
	28	26-30 hrs	1	2	70	2	5	2	741	2																																	
	33	More than 30 hrs	2	3	129	3	6	2	1,216	3																																	
	Total			63	100	4,173	100	313	100	37,100	100																																
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	38	60	2,248	54	208	66	25,146	68	6.3		8.5	-.18	5.3	.09	5.2	.10																								
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	10	534	13	38	12	4,014	11																																
	8	6-10 hrs	7	11	253	6	11	3	1,666	4																																	
	13	11-15 hrs	1	2	141	3	13	4	976	3																																	
	18	16-20 hrs	3	5	127	3	9	3	771	2																																	
	23	21-25 hrs	0	0	68	2	4	1	450	1																																	
	28	26-30 hrs	2	3	56	1	1	0	299	1																																	
	33	More than 30 hrs	6	10	746	18	31	10	3,721	10																																	
	Total			63	100	4,173	100	315	100	37,043	100																																
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	5	8	1,153	28	39	12	7,607	20	4.7		5.0	-.04	5.6	-.15	5.0	-.05																								
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	43	68	1,803	43	175	56	19,009	51																																
	8	6-10 hrs	10	16	706	17	59	19	6,282	17																																	
	13	11-15 hrs	3	5	259	6	22	7	2,159	6																																	
	18	16-20 hrs	1	2	97	2	7	2	836	2																																	
	23	21-25 hrs	0	0	46	1	5	2	352	1																																	
	28	26-30 hrs	0	0	34	1	2	1	212	1																																	
		Total			63	100	4,173	100	315	100	37,043									100																							

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

Tennessee Technological University

Seniors^a in Education

				Frequency Distributions								Statistical Comparisons ^k							
												<i>Your seniors compared with</i>							
Item wording or description	Variable name ^l	Values ^m	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 ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
		33	More than 30 hrs	1	2	81	2	6	2	678	2								
			Total	63	100	4,179	100	315	100	37,135	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	12	19	618	15	73	23	5,764	16	2.5	2.8	-.23	2.5	.00	2.7	-.20	
		2	Some	24	38	1,242	30	95	30	11,376	31								
		3	About half	14	22	1,209	29	79	25	10,216	28								
		4	Most	10	16	799	19	51	16	7,038	19								
		5	Almost all	3	5	320	8	16	5	2,747	7								
			Total	63	100	4,188	100	314	100	37,141	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)									7.0	7.2	-.03	6.1	.14	7.0	.00	
	tmreadinghrscol	1	0 hrs	0	0	17	0	2	1	134	0								
		2	More than zero, up to 5 hrs	32	51	2,019	48	180	58	18,136	49								
		3	More than 5, up to 10 hrs	17	27	1,194	29	76	24	10,691	29								
		4	More than 10, up to 15 hrs	4	6	416	10	21	7	3,748	10								
		5	More than 15, up to 20 hrs	7	11	236	6	18	6	2,194	6								
		6	More than 20, up to 25 hrs	2	3	210	5	11	4	1,449	4								
		7	More than 25 hrs	1	2	78	2	5	2	641	2								
			Total	63	100	4,170	100	313	100	36,993	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	4	6	251	6	22	7	2,077	6	3.0	3.0	.03	2.9	.19	3.0	.09
			2	Some	9	15	899	22	89	29	8,869	24							
			3	Quite a bit	30	48	1,606	38	110	35	14,761	40							
			4	Very much	19	31	1,419	34	90	29	11,397	31							
			Total		62	100	4,175	100	311	100	37,104	100							
b.	Speaking clearly and effectively	pgspeak	1	Very little	2	3	345	8	24	8	2,331	6							
			2	Some	11	17	945	23	76	24	8,583	23							

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education Tennessee Technological University

Seniors^a in Education

				Frequency Distributions								Statistical Comparisons ^k												
				Tennessee Tech				NSSE 2016 & 2017				Your seniors compared with												
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean					
		3	Quite a bit	25	40	1,538	37	112	36	14,466	39	3.2	2.9	.24	2.9	.25	3.0	.22						
		4	Very much	25	40	1,346	32	102	32	11,775	32													
		Total		63	100	4,174	100	314	100	37,155	100													
c. Thinking critically and analytically	pgthink	1	Very little	1	2	129	3	15	5	869	2	3.3	3.2	.11	3.2	.17	3.3	.09						
		2	Some	6	10	591	14	48	15	4,978	13													
		3	Quite a bit	26	43	1,594	38	116	37	14,966	40													
		4	Very much	28	46	1,865	45	135	43	16,361	44													
		Total		61	100	4,179	100	314	100	37,174	100													
d. Analyzing numerical and statistical information	pganalyze	1	Very little	9	14	779	19	57	18	7,195	19	2.5	2.5	.03	2.5	.06	2.5	.09						
		2	Some	24	38	1,357	32	109	35	12,807	34													
		3	Quite a bit	17	27	1,179	28	91	29	10,349	28													
		4	Very much	13	21	862	21	58	18	6,799	18													
		Total		63	100	4,177	100	315	100	37,150	100													
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	1	2	291	7	35	11	2,305	6	3.4	3.1 *	.30	3.0 ***	.38	3.1 *	.31						
		2	Some	6	10	782	19	54	17	7,335	20													
		3	Quite a bit	25	40	1,380	33	102	32	12,729	34													
		4	Very much	31	49	1,731	41	123	39	14,814	40													
		Total		63	100	4,184	100	314	100	37,183	100													
f. Working effectively with others	pgothers	1	Very little	3	5	197	5	22	7	1,387	4	3.3	3.1	.21	3.1	.20	3.1	.19						
		2	Some	6	10	767	18	49	16	6,766	18													
		3	Quite a bit	23	37	1,547	37	114	36	14,187	38													
		4	Very much	31	49	1,673	40	131	41	14,802	40													
		Total		63	100	4,184	100	316	100	37,142	100													
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	6	10	369	9	38	12	3,052	8	2.9	3.0	-.07	2.8	.07	2.9	-.05						
		2	Some	13	21	874	21	72	23	8,325	22													
		3	Quite a bit	25	40	1,435	34	108	34	13,215	36													
		4	Very much	19	30	1,503	36	97	31	12,558	34													
		Total		63	100	4,181	100	315	100	37,150	100													
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	6	10	334	8	38	12	2,823	8	2.9	2.9	-.07	2.8	.07	2.9	-.04						
		2	Some	14	22	997	24	81	26	9,336	25													
		3	Quite a bit	25	40	1,436	34	101	32	13,270	36													
		4	Very much	18	29	1,408	34	95	30	11,704	32													
		Total		63	100	4,175	100	315	100	37,133	100													
i. Solving complex real-world problems	pgprobsolve	1	Very little	4	6	448	11	45	14	3,451	9													
		2	Some	12	19	1,107	27	81	26	10,637	29													

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education Tennessee Technological University

Seniors^a in Education

		Frequency Distributions										Statistical Comparisons ^k							
												<i>Your seniors compared with</i>							
Item wording or description	Variable name ^l	Values ^m	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 ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
		3	Quite a bit	30	48	1,417	34	95	30	13,226	36	3.0	2.8	.15	2.8	.20	2.8	.17	
		4	Very much	17	27	1,204	29	93	30	9,826	26								
		Total		63	100	4,176	100	314	100	37,140	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	6	10	515	12	50	16	4,197	11	2.7							
		2	Some	18	29	1,216	29	99	31	11,140	30								
		3	Quite a bit	26	41	1,314	31	83	26	12,437	34								
		4	Very much	13	21	1,131	27	83	26	9,303	25								
		Total		63	100	4,176	100	315	100	37,077	100			2.7	.00	2.6	.10	2.7	.01
18. How would you evaluate your entire educational experience at this institution?												3.5							
	evalexp	1	Poor	0	0	83	2	7	2	703	2								
		2	Fair	4	6	439	10	44	14	3,732	10								
		3	Good	21	33	1,798	43	142	45	16,049	43			3.3 *	.32	3.2 ***	.46	3.3 *	.31
		4	Excellent	38	60	1,871	45	121	39	16,692	45			▲		▲		▲	
		Total		63	100	4,191	100	314	100	37,176	100								
19. If you could start over again, would you go to the same institution you are now attending?												3.5							
	sameinst	1	Definitely no	0	0	176	4	16	5	1,507	4								
		2	Probably no	5	8	491	12	45	14	4,324	12								
		3	Probably yes	22	35	1,580	38	124	39	13,930	37			3.3 *	.28	3.2 **	.39	3.3 *	.27
		4	Definitely yes	36	57	1,952	46	131	41	17,484	47			▲		▲		▲	
		Total		63	100	4,199	100	316	100	37,245	100								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education

Tennessee Technological University

Education

			First-Year Students ^a						Seniors ^a									
			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	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
20a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	37	84	2,584	82	299	89	24,740	80	57	90	3,355	80	277	88	30,301	81
		More than one	7	16	562	18	38	11	6,077	20	6	10	853	20	39	12	7,023	19
		Total	44	100	3,146	100	337	100	30,817	100	63	100	4,208	100	316	100	37,324	100
First major or expected first major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJfirstcol (Recoded from MAJfirst.)	Arts & Humanities	4	9	537	17	49	15	6,783	22	6	10	747	18	60	19	7,783	21
		Biological Sci., Agriculture, & Natural Resources	0	0	15	0	2	1	221	1	0	0	10	0	1	0	180	0
		Physical Sci., Mathematics, & Computer Science	1	2	13	0	1	0	190	1	0	0	10	0	0	0	196	1
		Social Sciences	0	0	24	1	1	0	319	1	0	0	31	1	4	1	383	1
		Business	0	0	33	1	2	1	287	1	0	0	37	1	1	0	262	1
		Communications, Media, & Public Relations	0	0	4	0	0	0	108	0	1	2	11	0	2	1	86	0
		Education	31	70	1,573	50	165	49	14,526	47	42	67	2,277	54	149	47	18,288	49
		Engineering	0	0	6	0	0	0	61	0	0	0	5	0	1	0	32	0
		Health Professions	5	11	749	24	93	28	6,813	22	9	14	888	21	79	25	8,311	22
		Social Service Professions	0	0	9	0	0	0	65	0	0	0	7	0	0	0	60	0
		All Other	3	7	180	6	24	7	1,426	5	5	8	182	4	19	6	1,724	5
		Undecided, Undeclared	0	0	2	0	0	0	14	0	0	0	2	0	0	0	10	0
		Total	44	100	3,145	100	337	100	30,813	100	63	100	4,207	100	316	100	37,315	100
Second major or expected second major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJsecondcol (Recoded from MAJsecond.)	Arts & Humanities	1	14	143	26	13	34	1,840	30	0	0	157	19	9	23	1,810	26
		Biological Sci., Agriculture, & Natural Resources	0	0	6	1	1	3	105	2	0	0	13	2	1	3	121	2
		Physical Sci., Mathematics, & Computer Science	0	0	17	3	0	0	169	3	0	0	20	2	2	5	200	3
		Social Sciences	0	0	33	6	6	16	523	9	0	0	55	6	4	10	541	8
		Business	0	0	40	7	4	11	326	5	0	0	36	4	2	5	209	3
		Communications, Media, & Public Relations	0	0	7	1	0	0	114	2	0	0	12	1	1	3	101	1
		Education	4	57	222	40	8	21	2,054	34	6	100	420	50	13	33	2,924	42
		Engineering	0	0	0	0	0	0	21	0	0	0	0	0	0	0	17	0
		Health Professions	2	29	47	8	3	8	486	8	0	0	61	7	5	13	574	8
		Social Service Professions	0	0	11	2	0	0	76	1	0	0	5	1	0	0	45	1
		All Other	0	0	26	5	3	8	264	4	0	0	55	6	2	5	352	5
		Undecided, Undeclared	0	0	8	1	0	0	78	1	0	0	13	2	0	0	83	1
		Total	7	100	560	100	38	100	6,056	100	6	100	847	100	39	100	6,977	100
21. What is your class level?	class	Freshman/First-year	33	75	2,645	84	290	86	27,057	88	0	0	16	0	2	1	74	0
		Sophomore	11	25	399	13	37	11	2,946	10	1	2	35	1	1	0	263	1
		Junior	0	0	47	2	4	1	387	1	5	8	249	6	12	4	2,703	7
		Senior	0	0	12	0	1	0	77	0	50	81	3,745	90	296	94	33,250	90
		Unclassified	0	0	30	1	5	1	206	1	6	10	133	3	4	1	844	2
		Total	44	100	3,133	100	337	100	30,673	100	62	100	4,178	100	315	100	37,134	100
22. Thinking about this	fulltime	No	1	2	161	5	19	6	902	3	7	11	753	18	47	15	5,188	14

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education

Tennessee Technological University

Education

			First-Year Students ^a						Seniors ^a									
Item wording or description	Variable name	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	%
current academic term, are you a full-time student?		Yes	43	98	2,945	95	314	94	29,590	97	54	89	3,401	82	263	85	31,695	86
		Total	44	100	3,106	100	333	100	30,492	100	61	100	4,154	100	310	100	36,883	100
23a. How many courses are you taking for credit this current academic term?	coursesum	0	0	0	16	1	1	0	105	0	2	3	191	5	6	2	978	3
		1	1	2	99	3	6	2	233	1	2	3	414	10	23	7	2,785	7
		2	0	0	63	2	4	1	339	1	22	37	488	12	47	15	4,066	11
		3	0	0	136	4	19	6	1,130	4	9	15	485	12	40	13	4,260	11
		4	8	18	727	23	56	17	6,024	20	7	12	982	23	67	21	8,451	23
		5	17	39	979	31	133	39	12,073	39	10	17	704	17	55	18	7,871	21
		6	11	25	580	19	64	19	5,886	19	3	5	421	10	40	13	4,106	11
		7 or more	7	16	531	17	54	16	4,891	16	5	8	499	12	36	11	4,641	12
		Total	44	100	3,131	100	337	100	30,681	100	60	100	4,184	100	314	100	37,158	100
b. Of these, how many are entirely online ?	onlinenum	0	32	73	2,072	66	212	63	24,454	80	51	85	2,301	55	175	56	26,618	72
		1	8	18	568	18	85	25	3,955	13	4	7	918	22	83	27	6,144	17
		2	4	9	177	6	26	8	1,067	3	3	5	370	9	32	10	2,034	5
		3	0	0	98	3	5	1	373	1	0	0	191	5	11	4	923	2
		4	0	0	94	3	1	0	337	1	2	3	209	5	10	3	589	2
		5	0	0	19	1	2	1	107	0	0	0	45	1	1	0	192	1
		6	0	0	23	1	3	1	81	0	0	0	50	1	1	0	176	0
		7 or more	0	0	66	2	1	0	146	0	0	0	81	2	0	0	310	1
		Total	44	100	3,117	100	335	100	30,520	100	60	100	4,165	100	313	100	36,986	100
Collapsed recode of courses taken online (Based on responses to coursesum and onlinenum.)	onlinecscol	No courses taken online	32	73	2,072	66	212	63	24,454	80	51	85	2,301	55	175	56	26,618	72
		Some courses taken online	11	25	660	21	115	34	5,012	16	7	12	1,004	24	120	38	7,768	21
		All courses taken online	1	2	385	12	8	2	1,054	3	2	3	860	21	18	6	2,599	7
		Total	44	100	3,117	100	335	100	30,520	100	60	100	4,165	100	313	100	36,985	100
24. What have most of your grades been up to now at this institution?	grades	C- or lower	0	0	56	2	12	4	420	1	1	2	7	0	0	0	55	0
		C	2	5	74	2	5	1	642	2	0	0	34	1	2	1	291	1
		C+	0	0	131	4	23	7	1,116	4	1	2	122	3	9	3	697	2
		B-	3	7	182	6	24	7	1,657	5	1	2	171	4	13	4	1,381	4
		B	5	11	460	15	60	18	4,949	16	3	5	594	14	50	16	4,934	13
		B+	6	14	587	19	62	19	5,852	19	9	15	672	16	49	16	6,407	17
		A-	11	25	637	20	53	16	6,933	23	16	27	900	22	56	18	8,841	24
		A	17	39	998	32	95	28	9,049	30	29	48	1,681	40	136	43	14,479	39
		Total	44	100	3,125	100	334	100	30,618	100	60	100	4,181	100	315	100	37,085	100
25. Did you begin college at this institution or elsewhere?	begincol	Started here	40	91	2,726	88	294	88	27,908	91	32	53	2,018	48	180	58	21,405	58
		Started elsewhere	4	9	387	12	40	12	2,686	9	28	47	2,157	52	133	42	15,658	42
		Total	44	100	3,113	100	334	100	30,594	100	60	100	4,175	100	313	100	37,063	100
26. Since graduating from	attend_voc	Vocational or technical school	0	0	144	5	9	3	869	3	3	5	355	9	18	6	2,008	5

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education Tennessee Technological University

Education

			First-Year Students ^a						Seniors ^a									
			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	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_com	Community or junior college	7	16	317	10	22	7	2,445	8	28	47	1,983	47	104	33	14,100	38
	attend_col	4-year college or university other than this one	2	5	325	10	43	13	2,501	8	14	23	1,169	28	93	30	8,815	24
	attend_none	None	34	77	2,321	75	249	75	24,458	80	20	33	1,396	33	143	46	16,330	44
	attend_other	Other	1	2	104	3	13	4	888	3	3	5	156	4	13	4	1,120	3
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	6	14	267	9	35	10	1,995	7	4	7	309	7	27	9	2,090	6
		Bachelor's degree (B.A., B.S., etc.)	19	43	1,001	32	86	26	9,806	32	13	22	1,220	29	78	25	9,974	27
		Master's degree (M.A., M.S., etc.)	15	34	1,357	44	159	47	13,881	45	31	52	1,892	45	145	46	18,212	49
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	4	9	489	16	55	16	4,842	16	12	20	755	18	64	20	6,792	18
		Total	44	100	3,114	100	335	100	30,524	100	60	100	4,176	100	314	100	37,068	100
28. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	0	0	219	7	9	3	1,252	4	0	0	334	8	10	3	1,731	5
		High school diploma or G.E.D.	8	18	606	20	66	20	4,989	16	7	12	895	21	63	20	6,505	18
		Attended college, but did not complete degree	6	14	406	13	64	19	3,372	11	16	27	528	13	42	13	4,035	11
		Associate's degree (A.A., A.S., etc.)	5	11	305	10	32	10	3,073	10	6	10	468	11	28	9	4,101	11
		Bachelor's degree (B.A., B.S., etc.)	16	36	846	27	84	25	9,197	30	11	18	1,079	26	88	28	11,028	30
		Master's degree (M.A., M.S., etc.)	9	20	577	19	65	20	6,721	22	17	28	683	16	67	21	7,401	20
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	0	0	137	4	13	4	1,846	6	3	5	182	4	14	4	2,169	6
		Total	44	100	3,096	100	333	100	30,450	100	60	100	4,169	100	312	100	36,970	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Not first-generation	25	57	1,560	50	162	49	17,764	58	31	52	1,944	47	169	54	20,598	56
		First-generation	19	43	1,536	50	171	51	12,686	42	29	48	2,225	53	143	46	16,372	44
		Total	44	100	3,096	100	333	100	30,450	100	60	100	4,169	100	312	100	36,970	100
29. What is your gender identity?	genderid	Man	7	16	743	24	93	28	7,153	23	13	22	977	23	73	23	8,770	24
		Woman	37	84	2,319	74	235	70	22,841	75	46	77	3,113	75	236	75	27,563	74
		Another gender identity	0	0	22	1	4	1	280	1	1	2	24	1	2	1	250	1
		I prefer not to respond	0	0	30	1	3	1	283	1	0	0	55	1	3	1	483	1
		Total	44	100	3,114	100	335	100	30,557	100	60	100	4,169	100	314	100	37,066	100
30. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear.)	19 or younger	40	93	2,536	82	290	87	27,116	89	0	0	22	1	0	0	150	0
		20-23	2	5	242	8	29	9	2,028	7	47	78	2,243	54	202	65	25,847	70
		24-29	0	0	120	4	7	2	502	2	6	10	799	19	57	18	5,591	15
		30-39	1	2	101	3	3	1	406	1	4	7	518	13	19	6	2,853	8
		40-55	0	0	97	3	2	1	317	1	1	2	471	11	24	8	2,006	5
		Over 55	0	0	7	0	2	1	46	0	2	3	83	2	7	2	350	1
Total	43	100	3,103	100	333	100	30,415	100	60	100	4,136	100	309	100	36,797	100		
31a. Are you an	internat	No	43	98	3,028	98	325	98	29,363	97	60	100	4,047	98	308	99	35,932	98

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education

Tennessee Technological University

Education

			First-Year Students ^a								Seniors ^a							
			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	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
international student?		Yes	1	2	60	2	7	2	973	3	0	0	86	2	3	1	848	2
		Total	44	100	3,088	100	332	100	30,336	100	60	100	4,133	100	311	100	36,780	100
[If answered "yes"]	countrycol	Africa Sub-Saharan	0	0	2	4	0	0	37	4	0	0	5	6	0	0	24	3
Country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file.	(Recoded from country.)	Asia	0	0	21	37	1	14	463	51	0	0	29	37	2	67	361	46
		Canada	0	0	3	5	0	0	60	7	0	0	4	5	0	0	69	9
		Europe	0	0	13	23	3	43	157	17	0	0	11	14	1	33	122	16
		Latin America and Caribbean	0	0	14	25	2	29	145	16	0	0	24	30	0	0	152	19
		Middle East and North Africa	0	0	3	5	1	14	27	3	0	0	4	5	0	0	26	3
		Oceania	0	0	1	2	0	0	18	2	0	0	2	3	0	0	33	4
		Unknown region/uncoded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	0	0	57	100	7	100	907	100	0	0	79	100	3	100	787	100
32. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native	0	0	76	2	4	1	663	2	1	2	71	2	4	1	724	2
	re_asian	Asian	1	2	192	6	5	2	2,055	7	2	3	259	6	6	2	2,089	6
	re_black	Black or African American	2	5	484	16	116	35	2,980	10	0	0	444	11	62	20	2,691	7
	re_latino	Hispanic or Latino	0	0	597	19	20	6	3,700	12	1	2	690	17	8	3	4,031	11
	re_pacific	Native Hawaiian or Other Pacific Islander	0	0	39	1	2	1	290	1	0	0	41	1	0	0	314	1
	re_white	White	41	93	1,914	62	195	59	22,541	74	54	90	2,704	65	232	74	27,971	76
	re_other	Other	0	0	51	2	3	1	477	2	1	2	84	2	6	2	675	2
	re_pnr	I prefer not to respond	1	2	90	3	11	3	671	2	1	2	178	4	10	3	1,300	4
Racial or ethnic identification	re_all	American Indian or Alaska Native	0	0	12	0	0	0	148	0	1	2	17	0	0	0	193	1
	(Recoded from re_amind to re_pnr where each student is represented only once.)	Asian	1	2	138	4	2	1	1,507	5	2	3	203	5	5	2	1,526	4
		Black or African American	1	2	390	13	107	32	2,271	7	0	0	386	9	56	18	2,141	6
		Hispanic or Latino	0	0	463	15	11	3	2,575	8	1	2	565	14	3	1	2,943	8
		Native Hawaiian/Other Pac. Islander	0	0	13	0	0	0	87	0	0	0	17	0	0	0	105	0
		White	40	91	1,703	55	177	53	20,488	67	54	90	2,488	60	223	71	25,907	70
		Other	0	0	30	1	3	1	247	1	1	2	48	1	3	1	396	1
		Multiracial	1	2	273	9	22	7	2,456	8	0	0	258	6	14	4	2,422	7
		I prefer not to respond	1	2	90	3	11	3	671	2	1	2	178	4	10	3	1,300	4
		Total	44	100	3,112	100	333	100	30,450	100	60	100	4,160	100	314	100	36,933	100
33. Are you a member of a social fraternity or sorority?	greek	No	41	93	2,884	93	291	88	27,705	91	54	90	3,790	91	267	85	33,042	89
		Yes	3	7	222	7	40	12	2,758	9	6	10	374	9	46	15	3,934	11
		Total	44	100	3,106	100	331	100	30,463	100	60	100	4,164	100	313	100	36,976	100
34. Which of the following best describes where you are living while attending college?	living	Residence hall, dormitory or other camp.	18	41	1,653	53	200	60	21,181	70	1	2	437	11	31	10	6,280	17
		Fraternity or sorority house	0	0	13	0	5	2	142	0	0	0	34	1	6	2	399	1
		Residence (house, apartment, etc.) within walking distance to the institution	12	27	199	6	18	5	1,871	6	13	22	698	17	67	21	9,647	26

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education

Tennessee Technological University

Education

			First-Year Students ^a								Seniors ^a							
			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	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
		Residence (house, apartment, etc.) farther than walking distance to the institution	11	25	965	31	98	29	6,001	20	40	67	2,502	60	198	63	18,481	50
		None of the above	3	7	262	8	12	4	1,181	4	6	10	485	12	11	4	2,056	6
		Total	44	100	3,092	100	333	100	30,376	100	60	100	4,156	100	313	100	36,863	100
35.	Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete																
		No	41	93	2,840	92	306	92	26,594	88	57	97	3,934	95	301	97	33,847	92
		Yes	3	7	248	8	26	8	3,763	12	2	3	194	5	10	3	2,960	8
		Total	44	100	3,088	100	332	100	30,357	100	59	100	4,128	100	311	100	36,807	100
36.	Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran																
		No	43	98	3,041	99	323	99	30,079	99	60	100	4,004	97	303	97	35,816	97
		Yes	1	2	46	1	4	1	298	1	0	0	142	3	8	3	1,013	3
		Total	44	100	3,087	100	327	100	30,377	100	60	100	4,146	100	311	100	36,829	100
37a.	Have you been diagnosed with any disability or impairment?	disability																
		No	41	93	2,684	86	288	86	25,380	83	52	87	3,575	86	270	86	31,143	84
		Yes	3	7	339	11	39	12	4,015	13	7	12	454	11	34	11	4,631	13
		I prefer not to respond	0	0	86	3	7	2	1,074	4	1	2	138	3	10	3	1,201	3
		Total	44	100	3,109	100	334	100	30,469	100	60	100	4,167	100	314	100	36,975	100
b.	[If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	0	0	57	17	9	23	562	14	0	0	71	16	9	26	527	11
		dis_mobility	0	0	23	7	3	8	182	5	1	14	35	8	0	0	346	8
		dis_learning	0	0	168	50	18	46	1,835	46	4	57	185	41	9	26	2,084	45
		dis_mental	2	67	105	31	9	23	1,777	44	0	0	160	35	14	41	1,892	41
		dis_other	1	33	56	17	7	18	588	15	2	29	101	22	8	24	867	19
	Disability or impairment	disability_all	0	0	37	1	4	1	365	1	0	0	46	1	7	2	301	1
		(Recoded from disability and dis_sense to dis_other where each student is represented only once.)	0	0	14	0	2	1	92	0	1	2	25	1	0	0	182	0
		A mobility impairment	0	0	123	4	13	4	1,246	4	4	7	134	3	5	2	1,449	4
		A learning disability	2	5	62	2	7	2	1,147	4	0	0	98	2	10	3	1,196	3
		A mental health disorder	1	2	39	1	6	2	345	1	2	3	65	2	6	2	549	1
		A disability or impairment not listed	0	0	63	2	7	2	802	3	0	0	85	2	6	2	933	3
		More than one disability or impairment	41	93	2,684	86	288	86	25,380	83	52	87	3,575	86	270	86	31,143	84
		No disability or impairment	0	0	86	3	7	2	1,074	4	1	2	138	3	10	3	1,201	3
		Prefer not to respond	0	0	86	3	7	2	1,074	4	1	2	138	3	10	3	1,201	3
		Total	44	100	3,108	100	334	100	30,451	100	60	100	4,166	100	314	100	36,954	100
38.	Which of the following best describes your sexual orientation?	sexorient17																
		Straight (heterosexual)	40	91	1,240	85	153	82	16,997	85	55	92	1,522	86	92	88	20,607	86
		Bisexual	2	5	66	5	11	6	1,098	5	0	0	70	4	1	1	958	4
		Gay	1	2	23	2	4	2	236	1	0	0	27	2	1	1	356	1
		Lesbian	0	0	18	1	4	2	194	1	0	0	26	1	5	5	303	1

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education

Tennessee Technological University

Education

Item wording or description	Variable name	Response options	First-Year Students ^a						Seniors ^a									
			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	%
		Queer	0	0	7	0	0	0	168	1	0	0	14	1	1	1	220	1
		Questioning or unsure	0	0	28	2	5	3	323	2	0	0	14	1	0	0	173	1
		Another sexual orientation	0	0	23	2	3	2	355	2	3	5	19	1	2	2	303	1
		I prefer not to respond	1	2	50	3	6	3	601	3	2	3	82	5	2	2	978	4
		Total	44	100	1,455	100	186	100	19,972	100	60	100	1,774	100	104	100	23,898	100

Institution-reported information

(Variables provided by your institution in your NSSE population file.)

Institution-reported: Sex	IRsex	Female	37	84	2,387	76	244	72	23,493	76	48	76	3,204	76	240	76	28,273	76
		Male	7	16	759	24	93	28	7,318	24	15	24	1,004	24	76	24	9,047	24
		Total	44	100	3,146	100	337	100	30,811	100	63	100	4,208	100	316	100	37,320	100
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	0	0	7	0	0	0	146	1	0	0	11	0	2	1	208	1
		Asian	1	2	123	4	1	0	1,002	4	2	3	178	5	4	1	1,143	3
		Black or African American	2	5	393	13	118	35	2,167	8	0	0	394	10	57	18	2,072	6
		Hispanic or Latino	0	0	518	17	15	4	3,133	11	0	0	592	15	9	3	3,404	10
		Native Hawaiian/Other Pac. Islander	0	0	4	0	0	0	56	0	1	2	8	0	0	0	60	0
		White	40	91	1,644	56	183	54	18,672	67	58	92	2,351	60	229	72	23,884	71
		Other	0	0	0	0	0	0	12	0	0	0	0	0	0	0	9	0
		Foreign or nonresident alien	0	0	48	2	6	2	663	2	0	0	62	2	3	1	640	2
		Two or more races/ethnicities	1	2	127	4	8	2	1,033	4	0	0	160	4	4	1	1,063	3
		Unknown	0	0	97	3	6	2	785	3	2	3	188	5	8	3	1,080	3
		Total	44	100	2,961	100	337	100	27,669	100	63	100	3,944	100	316	100	33,563	100
Institution-reported: Class level	IRclass	Freshman/First-Year	44	100	3,146	100	337	100	30,817	100	0	0	0	0	0	0	0	0
		Sophomore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Junior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Senior	0	0	0	0	0	0	0	0	63	100	4,208	100	316	100	37,324	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	44	100	3,146	100	337	100	30,817	100	63	100	4,208	100	316	100	37,324	100
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	7	16	589	19	52	15	3,697	12	63	100	4,208	100	316	100	37,077	99
		First-time first-year	37	84	2,557	81	285	85	27,120	88	0	0	0	0	0	0	247	1
		Total	44	100	3,146	100	337	100	30,817	100	63	100	4,208	100	316	100	37,324	100
Institution-reported: Enrollment status	IRenrollment	Not full-time	1	2	111	4	16	5	980	3	6	10	619	15	46	15	4,670	13
		Full-time	43	98	3,035	96	321	95	29,837	97	57	90	3,589	85	270	85	32,654	87
		Total	44	100	3,146	100	337	100	30,817	100	63	100	4,208	100	316	100	37,324	100

Endnotes

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean $\pm 1.96 * SEM$.
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.
- e. Degrees of freedom used to compute the t -tests. Values differ from Ns due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance: $*p < .05$, $**p < .01$, $***p < .001$ (2-tailed).
- g. Cohen's d : The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview.
- h. Percentage of students who responded "Done or in progress" except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project.
- i. Percentage point differences (institution – comp. group) rounded to whole numbers. Values less than one may not display a bar and may be shown as +0 or -0.
 $*p < .05$, $**p < .01$, $***p < .001$ (z -test comparing participation rates).
- j. Cohen's h : The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. NSSE research has found that interpretations vary by HIP: For service-learning, internships, study abroad, and culminating senior experiences, an effect size of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015).
- k. 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.
- l. Items that 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 and Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- m. 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.
- n. Effect size for independent t -tests uses Cohen's d ; z -tests use Cohen's h .
- o. Statistical comparison uses z -test to compare the percentage who responded "Done or in progress."

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.

Reference: Rocconi, L., & Gonyea, R. M. (2015). Contextualizing student engagement effect sizes: An empirical analysis. Paper presented at the Association for Institutional Research Annual Forum, Denver, CO.
